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[Decisions of the United States Court of Customs and Patent Appeals are indicated by a star (*); of the United States Circuit Court of Appeals by the letter (°).]

ERRATA

Official Gazette of January 11, 1938, page 429, Patent No. 2,105,424, title of invention for Pencil Head Container read "Pencil *Lead* Container."

Page xxxvii List of Inventions first column, line 3, title of invention for Pencil Head Container, read Pencil *Lead* Container. O. G. January 11, 1938.

404692

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

A. P. W. Paper Company, Inc., Albany, N. Y. Toilet tissue. Serial No. 399,713; Jan. 4. Class 37.

Ace Fastener Corporation, Chicago, Ill. Stapling machines and staples therefor. Serial No. 398,188; Jan. 4. Class 27.

Achleton Company, The. (See Martinez, Miguel H.)

Advance Coatings Company, Fitchburg, Mass. Coating materials. Serial No. 398,353; Jan. 4. Class 16.

Alba Pharmaceutical Company, Inc., New York, N. Y. Cosmetotherapeutic agent. Serial No. 399,015; Jan. 4. Class 6.

American Laboratories. (See Weede, F. V.)

American Oil Chemists' Society, The, New Orleans, La. Periodical. Serial No. 398,149; Jan. 4. Class 38.

American Worcestershire Sauce Company. (See Seine, Lillian E.)

Ames, Butler, Lowell, Mass. Electric stoves and parts thereof. Serial No. 395,694; Jan. 4. Class 21.

Amsterdam Textiles, Amsterdam, N. Y. Braided cotton rugs. Serial No. 399,502; Jan. 4. Class 42.

Associated Distributors, Inc., Chicago, Ill. Lipstick, rouge, face powder, etc. Serial No. 398,603; Jan. 4. Class 6.

Atlanta Knitting Mills, New York, N. Y. Clothing. Serial No. 396,281; Jan. 4. Class 39.

Bennett Incorporated, Cambridge, Mass. Water-emulsifiable liquid detergent or cleaning compound. Serial No. 397,190; Jan. 4. Class 4.

Ber-Mee Mfg. Co., Queens Village, N. Y. Nail polish remover. Serial No. 399,967; Jan. 4. Class 6.

Bradley, Joy E., Portland, Oreg. Tractors. Serial No. 395,392; Jan. 4. Class 23.

Ball Company, The, Chicago, Ill. Jewelry. Serial No. 396,947; Jan. 4. Class 22.

Barnes, John, Milwaukee, Wis. Gasoline, lubricating oils, and lubricating greases. Serial No. 397,468; Jan. 4. Class 15.

Berne Manufacturing Company, Berne, Ind. Outer and under jumpers, shorts, jackets, etc. Serial No. 398,034; Jan. 4. Class 39.

Bibb Manufacturing Company, Macon, Ga. Treated tire cord and tire fabric. Serial No. 399,297; Jan. 4. Class 50.

Bibby, Sylvia H., doing business as Pandeme Products Co., Kingston, N. Y. Baby skin balm. Serial No. 395,977; Jan. 4. Class 6.

Black & Decker Manufacturing Company, The, Towson, Md. Concentrated solvent for cleaning fabric and automobile upholstery. Serial No. 396,661; Jan. 4. Class 4.

Blink Auto Products. (See Tomlinson, H. H.)

Bloch & Guggenheimer Inc., Long Island City, N. Y. Pickles, pickle ring, midget pickles, etc. Serial No. 396,306; Jan. 4. Class 46.

Blumer & Dinkins, San Francisco, Calif. Fresh deciduous fruit and fresh grapes. Serial No. 396,607; Jan. 4. Class 46.

Blutex Blazing Co. (See Witwer Gregory Company.)

Benwit Teller, Inc., New York, N. Y. Dresses, suits, coats, etc. Serial No. 399,965; Jan. 4. Class 39.

Borden Company, The, New York, N. Y. Powdered skimmed milk. Serial No. 396,677; Jan. 4. Class 46.

Boyle, A. S., Company, The, Jersey City, N. J. Oil adapted for use as a lubricator, a penetrant or a cleanser for metal, wood, or leather. Serial Nos. 398,868-70; Jan. 4. Class 15.

Boyle, A. S., Company, The, Jersey City, N. J. Furniture polish and wax preparations. Serial Nos. 398,871-3; Jan. 4. Class 16.

Boyle, A. S., Company, The, Jersey City, N. J. Preparation for cleaning upholstery, preparation for cleaning rugs and carpets, etc. Serial Nos. 398,874-6; Jan. 4. Class 4.

Brady, Frank C., doing business as Screamo Amusement Co., Chicago, Ill. Game. Serial No. 371,053; Jan. 4. Class 22.

Brickner-Kerpf Machine Company, Muskegon Heights, Mich. Metal drilling, filing, and lapping machines and jigs and fixtures as accessories thereto and parts thereof. Serial No. 396,736; Jan. 4. Class 23.

Broemmel, George M., doing business as Broemmel Laboratories, San Francisco, Calif. Nasal spray preparation. Serial No. 399,622; Jan. 4. Class 6.

Brown-Camp Hardware Company, Des Moines, Iowa. Corncrib lanterns, and stove dampers. Serial No. 397,181; Jan. 4. Class 24.

Brymoore Clothes Inc., New York, N. Y. Suits, overcoats, sport suits, etc. Serial No. 399,233; Jan. 4. Class 39.

Buescher Band Instrument Co., Elkhart, Ind. Band and orchestra instruments. Serial No. 394,780; Jan. 4. Class 36.

Burry Biscuit Corporation, Linden, N. J., and Chicago, Ill. Cookies. Serial No. 398,766; Jan. 4. Class 46.

Campana Corporation, Batavia, Ill. Shampoo preparations. Serial No. 396,348; Jan. 4. Class 6.

Capachione Bros. & Company, Brockton, Mass. Shoe lifts. Serial No. 397,897; Jan. 4. Class 39.

Carobronze Bährenwerk Gesellschaft m. b. H., Vienna, Austria. Bronze tube blanks, bronze pipe blanks, bronze rods, etc. Serial No. 384,506; Jan. 4. Class 14.

Carraway-Byrd Corporation, Dallas, Tex. Air conditioning machines. Serial No. 392,785; Jan. 4. Class 34.

Catalano, James J., doing business as Glen-Grange, Brooklyn, N. Y. Eggs. Serial No. 371,851; Jan. 4. Class 46.

Celanese Corporation of America, New York, N. Y. Underwear and sport shirts. Serial No. 399,031; Jan. 4. Class 39.

Celanese Corporation of America, New York, N. Y. Underwear. Serial No. 399,073; Jan. 4. Class 39.

Charles Stores Company Incorporated, New York, N. Y. Shoes and hosiery. Serial No. 393,092; Jan. 4. Class 39.

Chatham Manufacturing Company, Winston-Salem, N. C. Sheets, pillowcases, suitings, etc. Serial No. 397,497; Jan. 4. Class 42.

Clausner Hosiery Company, Paducah, Ky. Hosiery. Serial No. 399,223; Jan. 4. Class 39.

Cobb, Clarence M., Boston, Mass. Laundry detergents sold in crystalline or liquid form. Serial No. 398,837; Jan. 4. Class 4.

Cohen, Goldman & Co. Inc., New York, N. Y. Outer garments. Serial No. 399,896; Jan. 4. Class 39.

Cohen, L., Grocer Company, St. Louis, Mo. Canned fish, canned fruits, canned vegetables, etc. Serial No. 398,891; Jan. 4. Class 46.

Cold Spring Granite Company, Cold Spring, Minn. Cemetery monuments, headstones, etc. Serial No. 395,902; Jan. 4. Class 50.

Colton, Alpha F., Ashland, Ohio. Line justifying attachment for typewriting machines and the like. Serial No. 395,612; Jan. 4. Class 23.

Comet Corset Co., Inc., New York, N. Y. Corsets, girdles, corselets, etc. Serial No. 396,352; Jan. 4., Class 39.

Commonwealth Shoe and Leather Company, Whitman, Mass. Men's shoes. Serial No. 398,461; Jan. 4. Class 39.

Conard-Pyle Company, The, West Grove, Pa. Rose plants. Serial No. 399,269; Jan. 4. Class 1.

Conn, C. G., Ltd., Elkhart, Ind. Cornets, trumpets, French horns, etc. Serial No. 393,527; Jan. 4. Class 36.

Continental Car-Na-Var Corporation, Brasil, Ind. Electric cleaning machine for various types of floors, rugs, and carpets. Serial No. 399,529; Jan. 4. Class 21.

Continental Car-Na-Var Corporation, Brasil, Ind. Electric cleaning and rug scrubbing machine. Serial No. 399,634; Jan. 4. Class 24.

Contra Creme & Diaphragm Co. (See Myers, Stanley A.)

Coronet Clothes, Inc., New York, N. Y. Water repellent cloth fabrics. Serial No. 398,097; Jan. 4. Class 50.

Cox, Ralph F., Atlanta, Ga., Self-rising and plain wheat flour. Serial No. 398,527; Jan. 4. Class 46.

David, John, New York, N. Y. Socks, men's union suits, undershirts, etc. Serial No. 385,833; Jan. 4. Class 39.

Davies-Young Soap Co., The, Dayton, Ohio. Liquid hair and scalp shampoo. Serial No. 399,445; Jan. 4. Class 6.

Davis, Lester M., doing business as Davis Fishing Tackle Company, Tacoma, Wash. Trolling spinners. Serial No. 396,990; Jan. 4. Class 22.

De Land, C. M., New York, N. Y. Piece goods of wool. Serial Nos. 399,168-9; Jan. 4. Class 42.

Dickerson, Walker T., Company, The, Columbus, Ohio. Heat transmission resisting compound. Serial No. 398,716; Jan. 4. Class 1.

Disston, Henry, & Sons, Incorporated, Tacony, Philadelphia, Pa. Tool bits for lathe and planer work. Serial Nos. 397,797-8; Jan. 4. Class 23.

Donato, Giuseppe, Philadelphia, Pa. Fountain pens and mechanical lead pencils. Serial No. 382,414; Jan. 4. Class 37.

Eagle-Picher Lead Company, The, Cincinnati, Ohio. Solder. Serial Nos. 399,171-6; Jan. 4. Class 14.

Eagle-Picher Lead Company, The, Cincinnati, Ohio. Bearing metal. Serial No. 399,177; Jan. 4. Class 14.

Eagle-Picher Lead Company, The, Cincinnati, Ohio. Bearing metal. Serial No. 393,179; Jan. 4. Class 14.

Elk River Coal and Lumber Company, Dundon, W. Va. Coal. Serial No. 399,294; Jan. 4. Class 1.

Elna, S. A., Geneva, Switzerland. Sewing machines and parts thereof and containers and articles of furniture forming receptacles for and parts of sewing machines. Serial No. 394,711; Jan. 4. Class 23.

Esmond Mills, The, New York, N. Y. Blankets. Serial No. 399,702; Jan. 4. Class 42.

Federated Foods, Inc., Chicago, Ill. Complexion soap. Serial No. 399,925; Jan. 4. Class 4.

Finch & McCullouch. (See McCullouch, William H.)

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Finger Lakes and Hudson Flour Mills, Inc., Troy and Geneva, N. Y. Wheat flour. Serial No. 397,654; Jan. 4. Class 46.

Firth-Sterling Steel Company, McKeesport, Pa. Steel in the form of bars, blocks, discs, etc. Serial No. 399,133; Jan. 4. Class 14.

Fleridesl Dry Mat Co. (See Sullivan, William J.)

Foley and Company, Chicago, Ill. Vitamin compound. Serial No. 399,080; Jan. 4. Class 6.

Foley and Company, Chicago, Ill. Cough syrup. Serial No. 399,349; Jan. 4. Class 6.

Forbes, Daniel, Company, Chicago, Ill. Leather parts for shoes. Serial No. 394,702; Jan. 4. Class 39.

Forrest Laboratories, Inc., New York, N. Y. Preparation for the treatment of high blood pressure, hypertension, cardio-vascul, etc. Serial No. 398,395; Jan. 4. Class 6.

Friedman, Shelby, doing business as Human-Need Co., Dallas, Tex. Headache powders. Serial No. 396,913; Jan. 4. Class 6.

Gafco, Inc., New York, N. Y. Fur pelts and dyed skins and plates. Serial No. 398,991; Jan. 4. Class 1.

Gantner & Mattern Company, San Francisco, Calif. Trunks, swim suits, and sweaters. Serial No. 399,183; Jan. 4. Class 39.

General Dyestuff Corporation, New York, N. Y. Washing and scouring agents for textile materials, etc. Serial No. 397,707; Jan. 4. Class 4.

General Food Products Company, Vernon, Calif. Candy. Serial No. 397,946; Jan. 4. Class 46.

General Specialties Co., San Francisco, Calif. Electrical devices in the nature of loud speaker systems. Serial No. 393,167; Jan. 4. Class 21.

General Tire & Rubber Company, The, Akron, Ohio. Polish. Serial No. 395,962; Jan. 4. Class 16.

Glaser Crandell Co., Chicago, Ill. Nonalcoholic beverages. Serial No. 394,782; Jan. 4. Class 45.

Glen-Grange. (See Catalano, James J.)

Glidden Company, The, Cleveland, Ohio. Ready-mixed paint. Serial No. 399,655; Jan. 4. Class 16.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Woolen automobile robes. Serial No. 398,674; Jan. 4. Class 42.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Woolen automobile robes. Serial Nos. 398,677-8; Jan. 4. Class 42.

Grant Company. (See Whiteside, Grant T.)

Gruder, Sol, Brooklyn, N. Y. Pants and overalls. Serial No. 383,771; Jan. 4. Class 39.

Hat Corporation of America, Norwalk, Conn. Hats. Serial No. 398,850; Jan. 4. Class 39.

Hausman, M., & Sons, New York, N. Y. Rayon piece goods. Serial No. 394,942; Jan. 4. Class 42.

Hearn Department Stores, Inc., New York, N. Y. Boys' clothing. Serial No. 396,078; Jan. 4. Class 39.

Heburn, Willard, Inc., Salem, Mass. Leather. Serial No. 399,633; Jan. 4. Class 1.

Hercules Powder Company, Wilmington, Del. Oil base textile finishing agent. Serial No. 399,090; Jan. 4. Class 6.

Hodshon, A. E., Corp., The, Danbury, Conn. Hats, hat bodies, hat hoods, hat stripe, and hat skirts. Serial No. 399,506; Jan. 4. Class 39.

Holo-Krome Screw Corporation, Elmwood, Conn. Wrenches. Serial No. 391,325; Jan. 4. Class 23.

Honeree, Inc., Chicago, Ill. Baking soda, cream of tartar, and laundry bluing. Serial No. 400,104; Jan. 4. Class 6.

Hopkins, Brigham, Company, Baltimore, Md. Hats. Serial No. 398,578; Jan. 4. Class 39.

Hudson, J. L., Company, The, Detroit, Mich. Shirts. Serial No. 399,001; Jan. 4. Class 39.

Human-Need Co. (See Friedman, Shelby.)

Jamestown Paint & Varnish Co., Jamestown, Pa. Rapid drying coating for application to wood, concrete, etc. Serial No. 399,460; Jan. 4. Class 16.

Johnson Motor Company, Waukegan, Ill. Refrigerators. Serial No. 383,885; Jan. 4. Class 21.

Johnson, Stephens and Shinkle Shoe Company, St. Louis, Mo. Shoes. Serial No. 385,586; Jan. 4. Class 39.

Karasick, Herbert, doing business as Kay Novelty Company, New York, N. Y. Belts and braces. Serial No. 395,195; Jan. 4. Class 39.

Kay Novelty Company. (See Karasick, Herbert.)

Kayton, Inc., New York, N. Y. Pajamas. Serial No. 399,664; Jan. 4. Class 39.

Kemp, W. H., Co., New York, N. Y. Gold paint. Serial No. 395,167; Jan. 4. Class 16.

King Features Syndicate, Inc., New York, N. Y. Newspaper section. Serial No. 399,141; Jan. 4. Class 38.

King, Robert C., & Co., New York, N. Y. Underwear. Serial No. 399,714; Jan. 4. Class 39.

Kirby, Beard & Co. Limited, Birmingham, England. Hair pins, hair clips, pins, etc. Serial No. 391,277; Jan. 4. Class 40.

Kleven Shoe Co., Spencer, Mass. Shoes. Serial No. 397,713; Jan. 4. Class 39.

Krahenbuhl, Fred, doing business as Yvonne Petriat's Laboratory, San Diego, Calif. Hair tonic. Serial No. 395,419; Jan. 4. Class 6.

Lanatin Corporation, The, Oakdale, Montville, Conn. Vegetable fibers. Serial No. 396,639; Jan. 4. Class 1.

Lee County Packing Company, Fort Myers, Fla. Fresh oranges, lemons, grapefruit, etc. Serial No. 399,667; Jan. 4. Class 46.

Lelong, Lucien, Inc., Chicago, Ill. Perfume. Serial No. 399,452; Jan. 4. Class 6.

Lentheric, Incorporated, New York, N. Y. Perfumes and cosmetic creams. Serial No. 399,906; Jan. 4. Class 6.

Leroux & Co., Inc., Philadelphia, Pa. Ginger flavored brandy. Serial No. 399,048; Jan. 4. Class 46.

Lewis & Efron, New York, N. Y. Children's dresses, skirts, blouses, etc. Serial No. 398,863; Jan. 4. Class 39.

Lian Brothers, New York, N. Y. Textile goods. Serial No. 398,730; Jan. 4. Class 42.

London, Harry A., doing business as H. A. London Candy Co., Canton, Ohio. Prepared boxed candy. Serial No. 397,033; Jan. 4. Class 46.

Louisiana State Rice Milling Company, Inc., Abbeville, La. Rice. Serial No. 397,582; Jan. 4. Class 46.

MacClatchie Manufacturing Company of California, Compton, Calif. Liners for pumps. Serial No. 398,261; Jan. 4. Class 23.

Macy, R. H., & Co., Inc., New York, N. Y. Jigsaw puzzles, tennis balls, fishing rods, etc. Serial No. 399,309; Jan. 4. Class 22.

Macy, R. H., & Co., Inc., The, New York, N. Y. Waxed paper envelopes, paper napkins, etc. Serial No. 399,719; Jan. 4. Class 37.

Maiden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. Serial No. 399,237; Jan. 4. Class 39.

Mallinson Fabrics Corporation, New York, N. Y. Silk, acetate, and rayon fabrics. Serial No. 399,564; Jan. 4. Class 42.

Mandelbaum, Henry, & Co., Inc., New York, N. Y. Woolen and worsted piece goods. Serial No. 399,417; Jan. 4. Class 42.

Maple Grove, Inc., St. Johnsbury, Vt. Maple sugar, maple syrup, and maple sugar candies. Serial No. 394,116; Jan. 4. Class 46.

Mark Cross Company, New York, N. Y. Smoking goods. Serial No. 394,773; Jan. 4. Class 8.

Marks, L. V., & Sons Company, The, Cincinnati, Ohio. Women's shoes. Serial No. 399,147; Jan. 4. Class 39.

Marshall, C. & E. Co., Chicago, Ill. Electrical motors. Serial No. 396,686; Jan. 4. Class 21.

Martinez, Miguel H., doing business as The Achioton Company, San Juan, P. R., and New York, N. Y. Food condiment. Serial No. 399,337; Jan. 4. Class 46.

Marty, F., Co. Company, Syracuse, N. Y. Hand dipped candles. Serial No. 396,521; Jan. 4. Class 15.

Matson, Charles H., New York, N. Y. Preparation for burns, bruises, scalds, etc. Serial No. 398,078; Jan. 4. Class 6.

McCullouch, William H., doing business as Finch & McCullouch, Aurora, Ill. Memo pads, memo pad holders, directory pads, etc. Serial No. 399,097; Jan. 4. Class 37.

McDonald Corporation, The, Auburndale, Fla. Fresh citrus fruits. Serial No. 396,345; Jan. 4. Class 46.

McKesson & Robbins, Incorporated, Fairfield, Conn. Tooth paste, hair and scalp preparations, powders, etc. Serial No. 398,253; Jan. 4. Class 6.

Melton Hat Co., Inc., New York, N. Y. Men's hats. Serial No. 396,626; Jan. 4. Class 39.

Melville Shoe Corporation, New York, N. Y. Shoes. Serial No. 398,320; Jan. 4. Class 39.

Meyers, Louis, & Son, Inc., New York, N. Y. Gloves. Serial No. 398,583; Jan. 4. Class 39.

Minervite Vitamin Company, Brooklyn, N. Y. Capsules containing vitamins and minerals. Serial No. 399,117; Jan. 4. Class 6.

Modern Health Products, Inc., Milwaukee, Wis. Herbal and food compound. Serial No. 398,630; Jan. 4. Class 46.

Mutual Orange Distributors, Redlands, Calif. Fresh citrus fruit and canned orange juice for food purposes. Serial No. 394,852; Jan. 4. Class 46.

Myers, Stanley A., doing business as Contra Creme & Diaphragm Co., Severna Park, Md. Vaginal antiseptic. Serial No. 394,995; Jan. 4. Class 6.

Nature Sweet Honey Co. (See Witwer Grocery Company.)

New Orleans Import Co., Limited, New Orleans, La. Combination package of bird seed, bird cake, and cuttle bone. Serial No. 397,224; Jan. 4. Class 46.

Nomax Mfg. Co., Wallingford, Conn. Men's under shirts and shirts, and women's clothing. Serial No. 391,142; Jan. 4. Class 39.

North Carolina Granite Corporation, Mount Airy, N. C. Poultry grit. Serial No. 396,610; Jan. 4. Class 1.

Northwest Paper Company, The, Cloquet, Minn. Book paper. Serial No. 399,466; Jan. 4. Class 37.

Ocean City Manufacturing Company, Philadelphia, Pa. Fishing reels. Serial No. 399,936; Jan. 4. Class 22.

Oconomowoc Canning Co., Oconomowoc, Wis. Canned vegetables. Serial No. 399,723; Jan. 4. Class 46.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Old Heaven Hill Springs Distillery, Incorporated, Bardstown, Ky. Whiskey. Serial No. 400,126; Jan. 4. Class 49.

Optix, John, Inc., Long Island City, N. Y. Insecticides and rodent poisons. Serial No. 399,987; Jan. 4. Class 6.

Ostroy, Louis Shoe Company, The, Akron, Ohio. Shoes. Serial No. 399,369; Jan. 4. Class 39.

Oxford Club Beverage Co., Detroit, Mich. Maltless beverage. Serial No. 399,619; Jan. 4. Class 45.

Pandene Products Co. (See Bibby, Sylvia H.)

Paparelli, A. J., doing business as San Pedro Laboratories, San Antonio, Tex. Medicinal preparations. Serial No. 397,490; Jan. 4. Class 6.

Parker Pen Company, The, Janesville, Wis. Fountain pens, mechanical pencils, and desk sets. Serial No. 399,622; Jan. 4. Class 37.

Parfumerie Roger et Gallet Societe Anonyme, Paris, France. Toilet soaps. Serial No. 399,423; Jan. 4. Class 4.

Penn, Barney, doing business as Pennshave Products, New York, N. Y. Brushless shaving cream. Serial No. 397,051; Jan. 4. Class 4.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Overalls. Serial No. 396,161; Jan. 4. Class 39.

Pennshave Products. (See Penn, Barney.)

Permo Process Co., San Francisco, Calif. Case reeds for musical instruments. Serial No. 394,345; Jan. 4. Class 36.

Pervel Corporation, New York, N. Y. Cellulose fabric coats, caps, jackets, etc. Serial No. 399,324; Jan. 4. Class 39.

Petri, Henri, Medford, Oreg. Quilts. Serial No. 398,324; Jan. 4. Class 42.

Petriat's, Yvonne, Laboratory. (See Krahenbuhl, Fred.)

Philadelphia Quartz Company, Philadelphia, Pa. Adhesive comprised of silicate of soda. Serial Nos. 399,057-8; Jan. 4. Class 5.

Pillsbury Flour Mills Company, Minneapolis, Minn. Flour. Serial No. 392,067; Jan. 4. Class 46.

Pinaud Incorporated, New York, N. Y. Liquid shaving lotion and soap. Serial No. 397,325; Jan. 4. Class 4.

Process Corporation, The, Chicago, Ill. Games. Serial No. 398,859; Jan. 4. Class 22.

Puerto Rico Distilling Company, Arecibo, P. R. Rum, alcoholic cocktails, and beverages containing substantial portions of rum. Serial No. 394,146; Jan. 4. Class 49.

Ramsey, E., doing business as Ramsey Potato Company, Scottsbluff, Nebr. Potatoes. Serial No. 399,670; Jan. 4. Class 46.

Rawlplug Company, Inc., The, New York, N. Y. Drills used in drilling holes in masonry and the like. Serial No. 397,678; Jan. 4. Class 23.

Red Arrow Bottling Works, Detroit, Mich. Beverages and syrups, extracts, and flavors used in making the same. Serial No. 399,671; Jan. 4. Class 45.

Registered Brands, Incorporated, New York, N. Y. Whiskey, brandy, gin, etc. Serial No. 398,176; Jan. 4. Class 49.

Ripley, Robert L., Mamaroneck, N. Y. Graphics, cartoons, sketches, etc. Serial No. 398,871; Jan. 4. Class 38.

Ripley, Robert L., Mamaroneck, N. Y. Graphics, cartoons, sketches, etc. Serial No. 398,899; Jan. 4. Class 38.

Rittener, Agnes, Paris, France. Ladies' hats and frames therefor. Serial No. 393,561; Jan. 4. Class 39.

Rival Shoe Company, Inc., New York, N. Y. Shoes. Serial No. 399,012; Jan. 4. Class 39.

Robins, A. H., Company, Inc., Richmond, Va. Medicinal preparation. Serial No. 396,824; Jan. 4. Class 6.

San Pedro Laboratories. (See Paparelli, A. J.)

Schluderberg, Wm. T. J. Kurdle Co., The, Baltimore, Md. Liver sausage. Serial No. 399,676; Jan. 4. Class 46.

Schmitt-Murphy Laboratories, Inc., Omaha, Nebr. Antiseptic and slightly medicated shields or pads for corns, etc. Serial Nos. 397,673-5; Jan. 4. Class 6.

Schuman, Milton, Philadelphia, Pa. Neckties and neckwear. Serial No. 391,094; Jan. 4. Class 39.

Schwab, Armand, & Co., Inc., New York, N. Y. Hat braids. Serial No. 399,260; Jan. 4. Class 40.

Schwartz & Benjamin, Inc., New York, N. Y. Shoes. Serial No. 399,479; Jan. 4. Class 39.

Scotts Valley Fruit Exchange, Lakeport, La. Fresh deciduous fruits. Serial No. 399,677; Jan. 4. Class 46.

Screeno Amusement Co. (See Brady, Frank C.)

Seaboard Lemon Assn., Oxnard, Calif. Fresh lemons. Serial No. 396,278; Jan. 4. Class 46.

Sentry Coal Mining Company, Madisonville, Ky. Coal. Serial No. 398,827; Jan. 4. Class 1.

Service Industries, Inc., Boston, Mass. Paper fastening device. Serial No. 390,973; Jan. 4. Class 37.

Sherwin-Williams Co., The, Cleveland, Ohio. Insecticides and fungicides. Serial No. 399,060; Jan. 4. Class 6.

Shuron Optical Company, Inc., Geneva, N. Y. Chairs, stools, and appurtenant attachments for use in the testing of the eyes. Serial No. 397,590; Jan. 4. Class 44.

Siegel, D., Co., New York, N. Y. Men's overcoats. Serial No. 398,642; Jan. 4. Class 39.

Silberbergs, Inc., Niagara Falls, N. Y. Suits and overcoats, topcoats, etc. Serial No. 397,055; Jan. 4. Class 39.

Smith, Donald C., Independence, Mo. Pipes, pipettes, and cigar and cigarette holders. Serial No. 396,359; Jan. 4. Class 8.

Smith, Landon P., Inc., Irvington, N. J. Glass cutters. Serial No. 397,592; Jan. 4. Class 23.

Soine, Lillian E., doing business as American Worcestshire Sauce Company, New York, N. Y. Tomato juice, chili sauce, salad dressing, etc. Serial No. 396,244; Jan. 4. Class 46.

Solorbo Chemists, The. (See Taylor, Norman L.)

Sovereign Camp of the Woodmen of the World, Omaha, Nebr. Publication. Serial No. 398,447; Jan. 4. Class 38.

Spits, Samuel, & Sons, Inc., New York, N. Y. Suits, overcoats, coats, etc. Serial No. 399,016; Jan. 4. Class 39.

Standard Brands Incorporated, New York, N. Y. Gelatin. Serial No. 398,548; Jan. 4. Class 46.

Standard Brands Incorporated, New York, N. Y. Baking powder. Serial No. 399,253; Jan. 4. Class 46.

Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Lubricating oil dispensing equipment. Serial No. 397,898; Jan. 4. Class 23.

Standard Transformer Corporation, Chicago, Ill. Electric transformers. Serial Nos. 397,688-90; Jan. 4. Class 21.

Stanley Paint and Varnish Co. Inc., New York and Brooklyn, N. Y. Chemical ice melter. Serial No. 394,871; Jan. 4. Class 6.

Stanley, Wm. H., Inc., New York, N. Y. Canned fish. Serial No. 399,783; Jan. 4. Class 46.

State Wholesale Grocers, Inc., Chicago, Ill. Canned fruits, canned vegetables, and canned shellfish. Serial No. 397,679; Jan. 4. Class 46.

Stearns, Frederick, & Company, Detroit, Mich. Sedative. Serial No. 398,942; Jan. 4. Class 6.

Stenegaard, W. L., & Associates, Inc., Chicago, Ill. Advertising commercial murals, panels, and screens. Serial No. 395,002; Jan. 4. Class 38.

Sterling Products Company, Easton, Pa. Preparations for use in laundries and dry cleaning establishments as solvent, stripper, etc. Serial No. 397,624; Jan. 4. Class 6.

Sterling Products Company, Easton, Pa. Preparation recommended for use in laundries as a pre-softening and as a cleaning agent. Serial No. 399,578; Jan. 4. Class 4.

Sterling Products Company, Easton, Pa. Preparation for use in laundries for souring and blueing in one operation. Serial No. 399,579; Jan. 4. Class 6.

Sterling Products Company, Easton, Pa. Preparations recommended as cleaning and stain removing agents for use in laundries and dry cleaning establishments. Serial No. 400,632; Jan. 4. Class 4.

Strahan & Co., New York, N. Y. Ladies' hosiery. Serial No. 399,157; Jan. 4. Class 39.

Strathury Manufacturing Company, Galion, Ohio. Overcoats and top coats for men. Serial No. 399,561; Jan. 4. Class 39.

Sullivan, William J., doing business as Flexidesal Dry Mat Co., New York, N. Y. Matrix or dry mat. Serial Nos. 394,474-5; Jan. 4. Class 50.

Superior Cereal Company, Wilkes-Barre, Pa. Puffed corn. Serial No. 400,072; Jan. 4. Class 46.

Superior Shoe Co., Inc., The, Chicago, Ill. Shoes. Serial No. 397,881; Jan. 4. Class 39.

Taylor, Norman L., doing business as The Solorbo Chemists, Chicago, Ill. Solution for treatment of the eyes. Serial No. 394,438; Jan. 4. Class 6.

Thalheims' Wearwell Shoe Co., Inc., New York, N. Y. Shoes. Serial No. 399,018; Jan. 4. Class 39.

Tomlinson, E. H., doing business as Blink Auto Products, San Diego, Calif. Automobile polish and cleaner, automobile fast polish, and automobile polish. Serial No. 397,308; Jan. 4. Class 16.

Town Hosiery Co. Inc., New York, N. Y. Hosiery. Serial No. 399,112; Jan. 4. Class 39.

Tri-State Development Corporation, Burnsville, N. C., and Washington, D. C. Cleaning, scouring, and polishing material in powdered form. Serial No. 397,990; Jan. 4. Class 4.

Trumbull Electric Manufacturing Company, The, Plainville, Conn. Milk pasteurizing apparatus and parts thereof. Serial No. 398,331; Jan. 4. Class 23.

Unbreakable Lens Company of America, Inc., The, Beverly Hills, Calif. Ophthalmic lenses. Serial No. 397,525; Jan. 4. Class 26.

United Color and Pigment Company, Inc., Newark, N. J. Titanium pigments. Serial No. 399,568; Jan. 4. Class 16.

United Feature Syndicate, Inc., New York, N. Y. Comic drawings. Serial No. 399,114; Jan. 4. Class 38.

United Western Laboratories Inc., Denver, Colo. Hair tonics and rinses, hair oils, etc. Serial No. 393,923; Jan. 4. Class 6.

V. C. Products Company, Inc., Philadelphia, Pa. Soluble cleansing compound. Serial No. 399,160; Jan. 4. Class 4.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Vickers, Incorporated, Detroit, Mich. Hydraulic pumps, hydraulic power transmissions, hydraulic machinery. Serial Nos. 384,397–8; Jan. 4. Class 23.

V'Soske Shops, Grand Rapids, Mich. Rugs. Serial No. 399,691; Jan. 4. Class 42.

Warsaw Brewing Corporation, Warsaw, Ill. Beer. Serial No. 400,146; Jan. 4. Class 48.

Warwick Chemical Company, West Warwick, R. I. Substances for chemically or otherwise treating woven textile fabrics. Serial No. 399,488; Jan. 4. Class 6.

Weede, F. V., doing business as American Laboratories, Los Angeles, Calif. Medicinal compound. Serial No. 399,489; Jan. 4. Class 6.

Welch Grape Juice Company, The, Westfield, N. Y. Canned grapefruit, grapefruit juice, orange juice, etc. Serial No. 386,830; Jan. 4. Class 46.

Wells-Lamont-Smith Corporation, Minneapolis, Minn. Work gloves. Serial No. 398,866; Jan. 4. Class 39.

Wess Mfg. Corp., New York, N. Y. Children's dresses and play togs. Serial No. 398,300; Jan. 4. Class 39.

West Coast Kalsomine Company, Berkeley, Calif. Powder and paste used in the preparation of paints. Serial No. 399,788; Jan. 4. Class 16.

Whitehead Metal Products Company of New York, Inc., New York, N. Y. Combined gas or electric range and sink. Serial No. 397,061; Jan. 4. Class 34.

Whiteside, Grant T., doing business as Grant Company, Sabina, Ohio. Preparation for the liver, stomach, nerves, etc. Serial No. 399,813; Jan. 4. Class 6.

Witwer Grocery Company, doing business as Blutex Bluing Co., Cedar Rapids, Iowa. Liquid bluing. Serial No. 397,695; Jan. 4. Class 6.

Witwer Grocery Company, doing business as Nature Sweet Honey Co., Cedar Rapids, Iowa. Pure honey. Serial No. 397,696; Jan. 4. Class 46.

Wurlitzer, Rudolph, Company, The, De Kalb, Ill. Pianos. Serial No. 397,526; Jan. 4. Class 36.

Yale Fabrics Corp., New York, N. Y. Silk, cotton, and rayon piece goods. Serial No. 399,389; Jan. 4. Class 42.

Younghusband, James L., Chicago, Ill. Lipsticks, rouge, face powder, etc. Serial No. 398,964; Jan. 4. Class 6.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, as amended June 20, 1936]

Irish Industrial Development Association, Dublin, Irish Free State. Whisky. Serial No. 393,857; Jan. 4. Class 49.

LIST OF REGISTRANTS OF TRADE-MARKS

Adam, Frank, Electric Co., St. Louis, Mo. Circuit interrupting and protective devices. 353,419; Jan. 4. Class 21.

Aerovox Corporation, Brooklyn, N. Y. Electric condensers. 353,398; Jan. 4; Serial No. 396,728; published Oct. 26, 1937. Class 21.

Alaska Rural Rehabilitation Corporation, Palmer, Alaska. Butter. 353,425; Jan. 4. Class 46.

Albany Coca-Cola Bottling Co., The, Albany, Ga. Ginger-ale, grape-juice, root-beer, etc. 121,741; renewed May 28, 1938.

Amalgamated Leather Companies, Incorporated. (See Blumenthal, F., Company.)

Arnold Sales Corporation, New York, N. Y. Piece goods. 353,385; Jan. 4; Serial No. 396,484; published Oct. 26, 1937. Class 42.

Axton-Fisher Tobacco Company, The, Louisville, Ky. Cigarettes. 353,420–23; Jan. 4. Class 17.

Blueberry Cooperative Association, New Lisbon, N. J. Blueberries. 353,429; Jan. 4. Class 46.

Blue Buckle Overall Company, Inc. (See Jobbers Overall Co., Inc.)

Blumberg, William, East St. Louis, Ill. Ribbons, tickings, outing flannel, etc. 353,347; Jan. 4; Serial No. 392,841; published Oct. 26, 1937. Class 42.

Blumenthal, F., Company, New York, N. Y., by change of name to Amalgamated Leather Companies, Incorporated, Wilmington, Del. Leather. 119,642; renewed Dec. 11, 1937.

British American Brewing Company Limited, Windsor, Ontario, Canada. Ales, beers, lagers, etc. 353,375; Jan. 4; Serial No. 395,811; published Oct. 26, 1937. Class 48.

Bryan Advertising Service, Morristown, Tenn. Check controlled chance devices. 353,364; Jan. 4; Serial No. 394,975; published Oct. 26, 1937. Class 22.

Bull Grip, Incorporated. (See Carruth, R. K.)

Burndy Engineering Company, Inc., New York, N. Y. Electrical connecters. 353,329; Jan. 4; Serial No. 376,935; published Oct. 26. Class 21.

Burcott Mills. (See Schwartz, Samuel C.)

Busby, Augustus C., assignor to Keystone Lubricating Company, Philadelphia, Pa. Lubricants. 121,591; renewed May 14, 1938.

Carolene Products Co., Litchfield, Ill. Compound of nut oils and evaporated skimmed milk. 353,342; Jan. 4; Serial No. 390,834; published Oct. 5, 1937. Class 46.

Carpinteria Mutual Citrus Assn., Carpinteria, Calif. Fresh citrus fruit. 353,396; Jan. 4; Serial No. 396,630; published Oct. 26, 1937. Class 46.

Carruth, R. K., Macon, Ga., to Bull Grip, Incorporated, Chattanooga, Tenn. Self-vulcanizing patch. 121,122; renewed Apr. 9, 1938.

Chamberlain Company (Inc.), Los Angeles, Calif. Clay for clarification and deflocculation of wine, vinegar, etc. 353,426; Jan. 4. Class 1.

Combustion Engineering Company, Inc., New York, N. Y., doing business as Raymond Pulverizer Division, Combustion Engineering Company, Inc., Chicago, Ill. Milldrying systems. 353,359; Jan. 4; Serial No. 394,319; published Oct. 26, 1937. Class 23.

Consolidated Razor Blade Co. Inc., Jersey City, N. J. Razor blades. 353,327; Jan. 4; Serial No. 374,955; published Oct. 26, 1937. Class 28.

Consolidated Safety Pin Co., Bloomfield, N. J., assignor, by mesne assignments, to The Risdon Manufacturing Company, Naugatuck, Conn. Safety-pins. 121,410; renewed Apr. 30, 1938.

Cook Paint & Varnish Company, North Kansas City, Mo. Wallpaper. 353,390; Jan. 4; Serial No. 396,735; published Oct. 26, 1937. Class 37.

Corning, Louis A., Elmira, N. Y., to Louis A. Corning Hamlet, N. C. Ice-cream. 121,646; renewed May 7, 1937.

Costa, Joseph, Company, Inc., assignor to Joseph Costa, Jr., Athens, Ga. Frosen confections. 353,418; Jan. 4. Class 46.

Dictograph Products Company, Inc., New York, N. Y. Electro-acoustical apparatus. 353,335; Jan. 4; Serial No. 387,988; published Oct. 26, 1937. Class 44.

Dilts Machine Works, Inc., Fulton, N. Y. Machines for delibering and screening paper stock. 353,386; Jan. 4; Serial No. 396,493; published Oct. 26, 1937. Class 23.

Dura Company, The, Chicago, Ill. Hair waving appliances and hair waving supplies. 353,415; Jan. 4; Serial No. 397,357; published Oct. 26, 1937. Class 44.

Eaton Rapids Woolen Mills, assignee of Horner Bros., assignor to Eaton Rapids Woolen Mills, Eaton Rapids, Mich. Yarn, woolen yarn, and yarn for hand-knitting. 120,674; renewed Feb. 26, 1938.

Electric Auto-Lite Company, The, Toledo, Ohio. Electric motors. 353,324; Jan. 4; Serial No. 338,771; published Oct. 5, 1937. Class 21.

Elliott Addressing Machine Company. (See Rapid Addressing Machine Co., assignor.)

Empire Ltd., The, Rockford, Ill. Furniture. 353,354–6; Jan. 4; Serial Nos. 394,026–8; published Oct. 26, 1937. Class 32.

Epiphone, Inc., New York, N. Y. Tailpieces for stringed musical instruments. 353,388; Jan. 4; Serial No. 396,565; published Oct. 26, 1937. Class 36.

Fansteel Metallurgical Corporation, North Chicago, Ill. Tools and parts of tools. 353,397; Jan. 4; Serial No. 396,674; published Oct. 26, 1937. Class 23.

Farmers Produce Company, Los Angeles, Calif. Fresh vegetables. 353,376; Jan. 4; Serial No. 396,910; published Oct. 26, 1937. Class 46.

Food Products of America, Chicago, Ill. Rice. 353,373; Jan. 4; Serial No. 395,706; published Oct. 26, 1937. Class 46.

Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. 353,352; Jan. 4; Serial No. 393,028; published Oct. 26, 1937. Class 42.

General Can Company, Chicago, Ill. Can ends. 121,434; renewed Apr. 30, 1938.

General Mills, Inc., Minneapolis, Minn. Cereal food products. 353,407; Jan. 4; Serial No. 396,916; published Oct. 26, 1937. Class 46.

General Tire and Rubber Company, The. (See Nelson Bros. Co., assignor.)

Greenpoint Metallic Bed Co., Inc., Brooklyn, N. Y. Bed springs. 353,374; Jan. 4; Serial No. 396,795; published Oct. 26, 1937. Class 32.

Harlingen Canning Company, Harlingen, Tex. Canned vegetables, canned sauerkraut, canned fruit juices. 353,405; Jan. 4; Serial No. 396,875; published Oct. 26, 1937. Class 46.

Harmar Sales Corp., New York, N. Y. Brushless liquid compound. 353,328; Jan. 4; Serial No. 376,581; published Oct. 26, 1937. Class 16.

Heathcoat, John, & Co., Inc., New York, N. Y. Lace and netted fabrics. 353,435; Jan. 4. Class 42.

Hecht & Company, to The Hecht Company, Washington, D. C., successor. Refrigerators and ice-boxes. 120,101; renewed Jan. 8, 1938.

Heinze Electric Company, Lowell, Mass. Electric horns, electric motors, and electric fans. 353,433; Jan. 4. Class 21.

Heller, Morris, doing business as Venice Importing Co., Brooklyn, N. Y. Salad oil. 353,411; Jan. 4; Serial No. 394,991; published Oct. 26, 1937. Class 46.

Holder, William B., Chicago, Ill. Electrically-heated cushions for therapeutic purposes. 353,339; Jan. 4; Serial No. 396,566; published Oct. 26, 1937. Class 44.

Hollins Mill Co. Limited, The. (See Jones Brothers Limited, assignor.)

Hormel, Geo. A., & Company, Austin, Minn. Canned meats. 353,357; Jan. 4; Serial No. 394,133; published Oct. 26, 1937. Class 46.

Horner Bros. (See Eaton Rapids Woolen Mills.)

Howlett & Hockmeyer Co. Inc., New York, N. Y. Cut cordurays. 353,387; Jan. 4; Serial No. 396,495; published Oct. 26, 1937. Class 42.

Huebscher, John J., Minneapolis, Minn. Devices used on automobiles for controlling the speed thereof. 353,348–50; Jan. 4; Serial Nos. 392,867–9; published Oct. 26, 1937. Class 21.

Huffman, Charles C., assignor, by mesne assignments, to Rit Products Corporation, Chicago, Ill. Dyes, and particularly a combined soap or cleaner. 121,182; renewed Apr. 16, 1938.

Indianapolis Mfg. & Sales Co. (See Scott, Frank C., & Co.)

Jobbers Overall Co., Inc., to Blue Buckle Overall Company, Inc., Lynchburg, Va., successor. Overalls, overall coats and pants. 116,433; renewed May 1, 1937.

Jones Brothers Limited, assignor to The Hollins Mill Co. Limited, Manchester, England. Cotton piece goods. 120,751; renewed Mar. 5, 1938.

Kelseyville Packing Company, Kelseyville, Calif. Fresh deciduous fruits. 353,353; Jan. 4; Serial No. 393,496; published Oct. 26, 1937. Class 46.

Keystone Lubricating Company. (See Busby, Augustus C., assignor.)

Kleinert, I. B., Rubber Company, New York, N. Y. Dress-shields. 121,788; renewed May 28, 1938.

Kojene Products Corporation, Rochester, N. Y., assignor to Scott-Phillips, Inc., Chicago, Ill. Eyewash. 353,326; Jan. 4; Serial No. 369,614; published Nov. 19, 1936. Class 6.

Kuppenheimer, B., & Co. Inc., Chicago, Ill. Coats, vests, trousers, etc. 353,417; Jan. 4. Class 39.

Leadway Stores Corporation, also doing business as Leadway Stores and Leadway Foods, Chicago, Ill. Canned fruits, canned vegetables, canned meats, etc. 353,330; Jan. 4; Serial No. 381,210; published Oct. 26, 1937. Class 46.

Lincoln, Bennett & Co., assignee to Melton & Co., Limited, London, England. Hats, caps, and helmets. 15,137; re-renewed Jan. 31, 1938.

Lincoln Bennett & Co., assignor to Lincoln, Bennett & Co., Limited, London, England. Hats, caps, and helmets. 15,154; re-renewed Jan. 21, 1938.

Loose-Wiles Biscuit Company, Long Island City, N. Y. Crackers, biscuits, and cakes. 353,427–8; Jan. 4. Class 46.

Marigold Studio, Los Angeles, Calif. Rope trimmed round and oblong trays of wood, card boxes, metal waste baskets. 353,344; Jan. 4; Serial No. 392,670; published Oct. 26, 1937. Class 2.

Mary, James T., Lafayette, La. Cane syrup. 353,372; Jan. 4; Serial No. 396,584; published Oct. 26, 1937. Class 46.

Mashek, Frank, & Co., Chicago, Ill. Leather carrying cases and brief cases. 353,332; Jan. 4; Serial No. 396,320; published Oct. 26, 1937. Class 3.

McClung & Milligan, Pittsburgh, Pa. Metal hangers for curtains, blinds, and draperies. 353,331; Jan. 4; Serial No. 381,681; published Oct. 26, 1937. Class 13.

McCreary Tire & Rubber Company, Indiana, Pa. Electrical storage batteries. 353,337; Jan. 4; Serial No. 388,359; published May 18, 1937. Class 21.

McKesson & Robbins, Incorporated, Fairfield, Conn. Wines. 353,367; Jan. 4; Serial No. 395,198; published Oct. 19, 1937. Class 47.

Melton & Co., Limited. (See Lincoln, Bennett & Co., assignor.)

Midland Milling Company, The, assignor to The Midland Flour Milling Company, Kansas City, Mo. Wheat-flour. 119,461–2; renewed Nov. 20, 1937.

Midland Milling Company, assignee of The Midland Milling Company, assignor, by mesne assignments, to The Midland Flour Milling Company, Kansas City, Mo. Wheat-flour. 119,100–01; renewed Oct. 23, 1937.

Miller, Mrs. Ray H., Elmira, N. Y. Educational Bible game. 353,403; Jan. 4; Serial No. 396,827; published Oct. 26, 1937. Class 22.

Mission Dry Corporation, Los Angeles, Calif. Beverage. 353,414; Jan. 4; Serial No. 397,221; published Oct. 26, 1937. Class 45.

Minister for Lands, Beggars Bush, Dublin, Ireland. Woolen piece goods and hand-woven woolens. 353,346; Jan. 4; Serial No. 392,808; published Oct. 26, 1937. Class 42.

Morris, Charles D., New York, N. Y. Cotton piece goods. 353,362; Jan. 4; Serial No. 394,674; published Oct. 26, 1937. Class 42.

Muehlpfordt, Wilhelm, Leipzig, Germany. Ice cream, ices, and creamlike pastry products. 353,325; Jan. 4; Serial No. 351,474; published Oct. 26, 1937. Class 46.

Musher and Company, Incorporated, New York, N. Y. Salad oil. 353,413; Jan. 4; Serial No. 397,140; published Oct. 26, 1937. Class 46.

National Lead Company, New York, N. Y. Expansion bolts. 353,351; Jan. 4; Serial No. 392,995; published Oct. 26, 1937. Class 13.

Nelson Bros. Co., Saginaw, Mich., assignor, by mesne assignments, to The General Tire and Rubber Company, Akron, Ohio. Motor-trucks and radiator-frames thereof. 119,755; renewed Dec. 11, 1937.

Officer, Charles J., Tillamook, Oreg. Mechanical attachment for bottles and like fluid containers constituting a measuring device for liquids. 353,369; Jan. 4; Serial No. 395,456; published Oct. 26, 1937. Class 23.

Okonite Company, The, Passaic, N. J. Insulated wires and cables. 353,392; Jan. 4; Serial No. 396,611; published Oct. 26, 1937. Class 21.

Pacific Distillers, Inc., Culver City, Calif. Gin. 353,380; Jan. 4; Serial No. 396,159; published Oct. 26, 1937. Class 49.

Perlo, S., & Sons, New York, N. Y. Piece goods, and synthetic yarns, lining or interlining. 353,408; Jan. 4; Serial No. 396,964; published Oct. 26, 1937. Class 42.

Pharis Tire and Rubber Company, The, Newark, Ohio. Pneumatic tires and tubes. 353,400–1; Jan. 4; Serial Nos. 396,746–7; published Oct. 26, 1937. Class 35.

Phillips, Dr. P., Company, Orlando, Fla. Fresh citrus fruits. 353,361; Jan. 4; Serial No. 394,547; published Oct. 26, 1937. Class 46.

Pinaud Incorporated, New York, N. Y. Travellers toilet article kit. 353,333; Jan. 4; Serial No. 384,361; published Oct. 26, 1937. Class 50.

Polarized Products Corporation, Whitestone, Long Island, N. Y. Optical devices. 353,431; Jan. 4. Class 26.

Priestley, B., & Co., Inc., New York, N. Y. Men's neckties and suits. 353,430; Jan. 4. Class 39.

Prince Macaroni Mfg. Co., Boston, Mass. Alimentary pastes. 353,345; Jan. 4; Serial No. 392,768; published Oct. 26, 1937. Class 46.

Progressive Manufacturing Company, The, Torrington, Conn. Electric binding screws and nuts, headed screws, etc. 353,424; Jan. 4. Class 13.

Rapid Addressing Machine Co., New York, N. Y., assignor to Elliott Addressing Machine Company, Cambridge, Mass. Card-stencils. 120,631; renewed Feb. 19, 1938.

Raymond Pulverizer Division, Combustion Engineering Company, Inc. (See Combustion Engineering Company, Inc.)

Read Drug and Chemical Co. of Baltimore City, The, Baltimore, Md. Whiskey and gin. 353,378; Jan. 4; Serial No. 396,010; published Oct. 26, 1937. Class 49.

Red, George A., Mechanicsburg, Pa. Flavoring syrups. 353,379; Jan. 4; Serial No. 396,013; published Oct. 26, 1937. Class 45.

Risdon Manufacturing Company, The. (See Consolidated Safety Pin Co., assignor.)

Rit Products Corporation. (See Huffman, Charles C., assignor.)

Rit Products Corporation. (See Sunbeam Chemical Company, assignor.)

Rotex Manufacturing Co. Inc., Long Island City, N. Y. Hair clippers. 353,390; Jan. 4; Serial No. 396,579; published Oct. 26, 1937. Class 23.

Royal-Wilhelm Furniture Co., doing business as Royal-Wilhelm Co., Sturgis, Mich. Commercial and house trailer vehicles. 353,366; Jan. 4; Serial No. 395,151; published Oct. 26, 1937. Class 19.

Sandel Manufacturing Co., Chicago, Ill. Electric portable lamps. 353,377; Jan. 4; Serial No. 395,931; published Oct. 26, 1937. Class 21.

Santa Fe Vintage Company, Los Angeles, Calif. Wines. 353,434; Jan. 4. Class 47.

Schadt & Mathewson, Detroit, Mich. Feathers. 353,391; Jan. 4; Serial No. 396,581; published Oct. 26, 1937. Class 1.

Schwartz, Samuel C., doing business as Burcott Mills, Chicago, Ill. Towels, dust cloths, wiping cloths, etc. 353,334; Jan. 4; Serial No. 387,643; published Oct. 26, 1937. Class 42.

Scott, Frank C., & Co., doing business as Indianapolis Mfg. & Sales Co., Indianapolis, Ind. Boiler compound. 353,339; Jan. 4; Serial No. 388,776; published Aug. 10, 1937. Class 6.

Scott-Phillips, Inc. (See Kojene Products Corporation, assignor.)

Sears, Roebuck and Co., Chicago, Ill. Rope. 353,363; Jan. 4; Serial No. 394,810; published Oct. 26, 1937. Class 7.

Shipman, Louis, & Baker Co., New York, N. Y. Woolen piece goods. 353,360; Jan. 4; Serial No. 394,431; published Oct. 26, 1937. Class 42.

Shronk, Norman R., Williamsport, Pa. Bill folds for men, purses, pocketbooks, etc. 353,353; Jan. 4; Serial No. 396,333; published Oct. 26, 1937. Class 3.

Sloto & Klein, Inc., New York, N. Y. Sanitary belts. 353,412; Jan. 4; Serial No. 397,057; published Oct. 26, 1937. Class 44.

Societa Generale delle Conserve Alimentari Cirio, San Giovanni a Teduccio, near Naples, Italy. Tomato sauce. 120,443; renewed Feb. 5, 1938.

"Sodeco" Societe des Compteurs de Geneve, Geneva, Switzerland. Vibrating-massaging device. 353,381; Jan. 4; Serial No. 396,207; published Oct. 26, 1937. Class 44.

Standard Oil Company, Bayonne, N. J., assignor to Standard Oil Company of New Jersey, Wilmington, Del. Petroleum harness-oil and petroleum belt-dressing. 119,991; renewed Dec. 25, 1937.

Standard Oil Company, Bayonne, N. J., assignor to Standard Oil Company of New Jersey, Wilmington, Del. Petroleum products. 120,787; renewed Mar. 5, 1938.

Sunbeam Chemical Company, assignor to Rit Products Corporation, Chicago, Ill. Dyes combined with soap. 121,352; renewed Apr. 25, 1938.

Suni-Citrus Products Company, Haines City, Fla. Dried citrus pulp and dehydrated citrus pulp. 353,341; Jan. 4; Serial No. 390,763; published Oct. 26, 1937. Class 46.

Sunland Packing House Company, Porterville, Calif. Fresh citrus fruit. 353,404; Jan. 4; Serial No. 396,845; published Oct. 26, 1937. Class 46.

Superior Brands Inc., Jersey City, N. J. Soya bean flour. 353,336; Jan. 4; Serial No. 388,296; published Oct. 26, 1937. Class 46.

Traylor Vibrator Company, The, Columbus, Ohio. Constant weight feeders. 353,332; Jan. 4; Serial No. 383,630; published Oct. 26, 1937. Class 26.

Union Fork & Hoe Company, The, Columbus, Ohio. Hand operated tools. 353,393; Jan. 4; Serial No. 396,620; published Oct. 26, 1937. Class 23.

United Shoe Machinery Corporation. (See Whitcher, Frank W., Co., assignor.)

United States Playing Card Company, The, East Norwood, Cincinnati, Ohio. Playing cards. 353,338; Jan. 4; Serial No. 388,380; published Mar. 23, 1937. Class 22.

United States Playing Card Company, The, Cincinnati, Ohio. Playing cards. 353,402; Jan. 4; Serial No. 396,753; published Oct. 26, 1937. Class 22.

Venice Importing Co. (See Heller, Morris.)

Victor Safe & Equipment Company, Inc., The, North Tonawanda, N. Y. Duplicating stencils and correction fluid, cutting sheets, etc. 353,406; Jan. 4; Serial No. 396,904; published Oct. 26, 1937. Class 37.

Vincent, George, assignor to George Vincent, Inc., New York, N. Y. Tracing-paper. 121,108; renewed Apr. 2, 1938.

Vuccino, Albert A., New York, N. Y. Combination ash tray and cigarette extinguisher. 353,409; Jan. 4; Serial No. 396,973; published Oct. 26, 1937. Class 6.

W. & M. Fertiliser Company, The, Mansfield, Ohio. Fertilisers. 353,368; Jan. 4; Serial No. 395,438; published Oct. 26, 1937. Class 10.

Walker, James, Packing Company, Inc., The, New York, N. Y. Molded packing. 353,394; Jan. 4; Serial No. 396,623; published Oct. 26, 1937. Class 35.

Washburn Company, The, Worcester, Mass. Cup hooks, gate hooks, screw hooks, etc. 353,340; Jan. 4; Serial No. 389,163; published Oct. 26, 1937. Class 13.

Wenatchee Wagner Orchards, Inc., Wenatchee, Wash. Fresh apples. 353,384; Jan. 4; Serial No. 396,377; published Oct. 26, 1937. Class 46.

Western Milling Co., Pendleton, Oreg. Wheat flour. 353,343; Jan. 4; Serial No. 391,719; published Oct. 26, 1937. Class 46.

Whitcher, Frank W., Co., Portland, Maine, and Boston, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J., and Boston, Mass. Shoe-stretchers. 121,026; renewed Mar. 19, 1938.

White, Morris, Manufacturing Co. Inc., New York, N. Y. Handbags. 353,395; Jan. 4; Serial No. 396,625; published Oct. 26, 1937. Class 3.

Whitson Products Co., Inc., Brooklyn, N. Y. Chocolate-flavored syrup. 353,432; Jan. 4. Class 46.

Wiener & Katz, New York, N. Y. Boys' suits and overcoats. 353,416; Jan. 4; Serial No. 396,857; published Nov. 2, 1937. Class 39.

Williams & Allen Mink Ranch, Fruitland, N. Y. Uneedible fur-bearing animals and pelts obtained from the same. 353,410; Jan. 4; Serial No. 396,974; published Oct. 26, 1937. Class 1.

Williams, Daniel G., Los Angeles, Calif. Bread, rolls, cake, etc. 353,270–71; Jan. 4; Serial Nos. 395,552–3; published Oct. 26, 1937. Class 46.

Williams, F. C., Inc., Dearborn, Mich. Portable coke furnaces and gas burners. 353,358; Jan. 4; Serial No. 394,213; published Oct. 26, 1937. Class 34.

Williams, J. B., Company, The, Glastonbury, Conn. Razors. 353,365; Jan. 4; Serial No. 395,058; published Oct. 26, 1937. Class 23.

LIST OF REGISTRANTS OF LABELS

Albany Billiard Ball Company, New York, N. Y. Hyatt Pocket Billiard Balls. For Billiard Balls. 50,530–2; Jan. 4.

Furen, J. W., doing business as Furen Packing Company, Fort Myers, Fla. Furen. For Fruit. 50,533; Jan. 4.

Hall, H. R., Co., Chicago, Ill. Hall's Coffee Rings. For Coffee in the Form of Rings. 50,534; Jan. 4.

Hampden Brewing Company, Willimansett, Mass. Hampden Beer. For Beer. 50,535; Jan. 4.

Hoague-Sprague Corporation, Lynn, Mass. Betty Lou. For Boxes. 50,536; Jan. 4.

Hurst, John B., Philadelphia, Pa. Motor Oil. For Motor Oil. 50,537; Jan. 4.

Menasha Products Company, Menasha, Wis. Supreme White Bread. For Bread. 50,538; Jan. 4.

Miner's, Inc., New York, N. Y. Juvenile Movie Make-Up Kit by Miner's. For Make-Up Kits. 50,539; Jan. 4.

Miner's, Inc., New York, N. Y. Ape-Man Make-Up Kit by Miner's. For Make-Up Kits. 50,540; Jan. 4.

Miner's, Inc., New York, N. Y. Clown Make-Up Kit by Miner's. For Make-Up Kits. 50,541; Jan. 4.

Miner's, Inc., New York, N. Y. Cowboy Make-Up Kit, by Miner's. For Make-Up Kits. 50,542; Jan. 4.

Miner's, Inc., New York, N. Y. Chinese Make-Up Kit by Miner's. For Make-Up Kits. 50,543; Jan. 4.

Miner's, Inc., New York, N. Y. Black-Face Make-Up Kit by Miner's. For Make-Up Kits. 50,544; Jan. 4.

Miner's, Inc., New York, N. Y. Hobo Make-Up Kit by Miner's. For Make-Up Kits. 50,545; Jan. 4.

Miner's, Inc., New York, N. Y. Indian Make-Up Kit by Miner's. For Make-Up Kits. 50,546; Jan. 4.

Miner's, Inc., New York, N. Y. Pirate Make-Up Kit by Miner's. For Make-Up Kits. 50,547; Jan. 4.

National Enameling and Stamping Company, Milwaukee, Wis. Nesco—A Nesco Product—Nescoware is Everywhere. For Tin Ware, Enameled Ware, Lithographed Ware, Galvanized Ware, Japanned Ware and Milk Cans. 50,548; Jan. 4.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Elmdale. For Peas. 50,549; Jan. 4.

Up-To-Date Candy Manufacturing Co., New York, N. Y. Arden Cough-Checker. For Cough Drops. 50,550; Jan. 4.

Wesco Foods Company, Cincinnati, Ohio. Recipe Brand Baking Powder. For Baking Powder. 50,551; Jan. 4.

LIST OF REGISTRANTS OF PRINTS

Awful Fresh MacFarlane, Oakland, San Francisco, and Berkeley, Calif. Pep. For Candy. 16,639; Jan. 4.

Creams of Wheat Corporation, The, Minneapolis, Minn. Goin' Prospectin'. For Wheat Breakfast Food. 16,640; Jan. 4.

General Mills, Inc., Minneapolis, Minn. New Vogue for Hot Biscuits Comes to Help of "Below Par" Menus. For Biscuit Flour. 16,641; Jan. 4.

Sales Affiliates, Inc., New York, N. Y. Lozol—Beautifying Oil Shampoo Tint—Take off Your Hat with a Confident Smile! For Oil Shampoo Tint. 16,642; Jan. 4.

Tansi, Aurelio, doing business as Aurelio Tansi Engineering Company, New York, N. Y. Delicious! Ravioli. For Ravioli. 16,643; Jan. 4.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Clay for clarification and deoxygenation of wine, vinegar, etc. Chamberlain Company (Inc.). 353,426; Jan. 4.

Feathers. Schadt & Mathewson. 353,391; Jan. 4; Serial No. 396,561; published Oct. 26, 1937.

Fur-bearing animals and pelts obtained from the same, Unedible. Williams & Allen Mink Ranch. 353,410; Jan. 4; Serial No. 396,974; published Oct. 26, 1937.

Leather. F. Blumenthal Company. 119,642; renewed Dec. 11, 1937.

CLASS 2

Can ends. General Can Company. 121,434; renewed Apr. 30, 1938.

Trays of wood, card boxes, metal waste baskets, Rope trimmed round and oblong. Marigold Studio. 353,344; Jan. 4; Serial No. 392,670; published Oct. 26, 1937.

CLASS 3

Billfolds for men, purses, pocketbooks, etc. N. R Shronk. 353,353; Jan. 4; Serial No. 396,333; published Oct. 26, 1937.

Cases and brief cases, Leather carrying. Frank Mashek & Co. 353,332; Jan. 4; Serial No. 396,220; published Oct. 26, 1937.

Handbags. Morris White Manufacturing Co. Inc. 353,395; Jan. 4; Serial No. 396,625; published Oct. 26, 1937.

CLASS 4

Oil and petroleum belt-dressing, Petroleum harness. Standard Oil Company. 119,991; renewed Dec. 25, 1937.

CLASS 6

Boiler compound. Frank C. Scott & Co. 353,339; Jan. 4; Serial No. 388,776; published Aug. 10, 1937.

Dyes, and particularly a combined soap or cleaner. C. C. Huffman. 121,183; renewed Apr. 16, 1938.

Dyes combined with soap. Sunbeam Chemical Company. 121,352; renewed Apr. 25, 1938.

Eyewash. Kojono Products Corporation. 353,326; Jan. 4; Serial No. 389,614; published Nov. 19, 1935.

Petroleum products. Standard Oil Company. 120,787; renewed Mar. 5, 1938.

CLASS 7

Rope. Sears, Roebuck and Co. 353,363; Jan. 4; Serial No. 394,810; published Oct. 26, 1937.

CLASS 8

Ash tray and cigarette extinguisher, Combination. A. A. Vuccino. 353,409; Jan. 4; Serial No. 396,973; published Oct. 26, 1937.

CLASS 10

Fertilisers. W. & M. Fertiliser Company. 353,368; Jan. 4; Serial No. 395,438; published Oct. 26, 1937.

CLASS 13

Bolts, Expansion. National Lead Company. 353,351; Jan. 4; Serial No. 392,995; published Oct. 26, 1937.

Hangers for curtains, blinds, and draperies, Metal. McClung & Milligan. 353,331; Jan. 4; Serial No. 381,681; published Oct. 26, 1937.

Hooks, gate hooks, screw hooks, etc., Cup. Washburn Company. 353,340; Jan. 4; Serial No. 389,163; published Oct. 26, 1937.

Screws and nuts, headed screws, etc., Electric binding. Progressive Manufacturing Company. 353,424; Jan. 4.

CLASS 15

Lubricants. A. C. Busby. 121,501; renewed May 14, 1938.

CLASS 16

Liquid compound, Brushless. Harmar Sales Corp. 353,328; Jan. 4; Serial No. 376,581; published Oct. 26, 1937.

CLASS 17

Cigarettes. Axton-Fisher Tobacco Company. 353,420–23; Jan. 4.

CLASS 19

Trailer vehicles, Commercial and house. Royal-Wilhelm Furniture Co. 353,366; Jan. 4; Serial No. 395,151; published Oct. 26, 1937.

Trucks and radiator-frames thereof, Motor. Nelson Bros. Co. 119,755; renewed Dec. 11, 1937.

CLASS 21

Circuit interrupting and protective devices. Frank Adam Electric Co. 353,419; Jan. 4.

Devices used on automobiles for controlling the speed thereof. J. J. Huebscher. 353,348–50; Jan. 4; Serial Nos. 392,867–9; published Oct. 26, 1937.

Electric condensers. Aerovox Corporation. 353,396; Jan. 4; Serial No. 396,728; published Oct. 26, 1937.

Electric horns, electric motors, and electric fans. Heinze Electric Company. 353,433; Jan. 4.

Electric motors. Electric Auto-Lite Company. 353,324; Jan. 4; Serial No. 338,771; published Oct. 5, 1937.

Electric portable lamps. Sandel Manufacturing Co. 353,377; Jan. 4; Serial No. 395,931; published Oct. 26, 1937.

Electrical connecters. Burndy Engineering Company. 353,329; Jan. 4; Serial No. 376,935; published Oct. 26, 1937.

Electrical storage batteries. McCreary Tire & Rubber Company. 353,337; Jan. 4; Serial No. 388,359; published May 18, 1937.

Wires and cables, Insulated. Okonite Company. 353,392; Jan. 4; Serial No. 396,611; published Oct. 26, 1937.

CLASS 22

Cards, Playing. United States Playing Card Company. 353,402; Jan. 4; Serial No. 396,753; published Oct. 26, 1937.

Chance devices, Check controlled. Bryan Advertising Service. 353,364; Jan. 4; Serial No. 394,975; published Oct. 26, 1937.

Game, Educational Bible. Mrs. R. H. Miller. 353,403; Jan. 4; Serial No. 396,827; published Oct. 26, 1937.

Playing cards. United States Playing Card Company. 353,338; Jan. 4; Serial No. 388,380; published Mar. 23, 1937.

CLASS 23

Attachment for bottles and like fluid containers constituting a measuring device for liquids, Mechanical. C. J. Omcer. 353,369; Jan. 4; Serial No. 395,456; published Oct. 26, 1937.

Clippers, Hair. Rotex Manufacturing Co. Inc. 353,390; Jan. 4; Serial No. 396,579; published Oct. 26, 1937.

Feeders, Constant weight. Traylor Vibrator Company. 353,332; Jan. 4; Serial No. 383,630; published Oct. 26, 1937.

Machines for deilbering and screening paper stock. Dilts Machine Works, Inc. 353,386; Jan. 4; Serial No. 396,493; published Oct. 26, 1937.

Mill-drying systems. Combustion Engineering Company. 353,359; Jan. 4; Serial No. 394,319; published Oct. 26, 1937.

Razor blades. Consolidated Razor Blade Co. Inc. 353,327; Jan. 4; Serial No. 374,955; published Oct. 26, 1937.

Razors. J. B. Williams Company. 353,365; Jan. 4; Serial No. 395,058; published Oct. 26, 1937.

Stretchers, Shoe. Frank W. Whitcher Co. 121,026; renewed Mar. 19, 1938.

Tools and parts of tools. Fansteel Metallurgical Corporation. 353,397; Jan. 4; Serial No. 396,674; published Oct. 26, 1937.

Tools, Hand operated. Union Fork & Hoe Company. 353,393; Jan. 4; Serial No. 396,620; published Oct. 26, 1937.

CLASS 26

Optical devices. Polarised Products Corporation. 353,431; Jan. 4.

CLASS 31

Refrigerators and ice-boxes. Hecht & Company. 120,101; renewed Jan. 8, 1938.

CLASS 32

Furniture. Empire, Ltd. 353,354–6; Jan. 4; Serial Nos. 394,026–8; published Oct. 26, 1937.

Springs, Bed. Greenpoint Metallic Bed Co. 353,374; Jan. 4; Serial No. 395,795; published Oct. 26, 1937.

CLASS 34

Furnaces and gas burners, Portable coke. F. C. Williams Inc. 353,358; Jan. 4; Serial No. 394,213; published Oct. 26, 1937.

CLASS 35

Patch, Self-vulcanising. R. K. Carruth. 121,122; renewed Apr. 9, 1938.

Packing, Molded. James Walker Packing Company. 353,394; Jan. 4; Serial No. 396,623; published Oct. 26, 1937.

Tires and tubes, Pneumatic. Pharis Tire and Rubber Company. 353,400–1; Jan. 4; Serial Nos. 396,746–7; published Oct. 26, 1937.

CLASS 36

Tailpieces for stringed musical instruments. Epiphone, Inc. 353,388; Jan. 4; Serial No. 396,565; published Oct. 26, 1937.

CLASS 37

Card-stencils. Rapid Addressing Machine Co. 120,631; renewed Feb. 19, 1938.

Paper, Tracing. G. Vincent. 121,108; renewed Apr. 2, 1938.

Stencils, and correction fluid, cutting sheets, etc. Duplicating. Victor Safe & Equipment Company. 353,406; Jan. 4; Serial No. 396,904; published Oct. 26, 1937.
Wallpaper. Cook Paint & Varnish Company. 353,399; Jan. 4; Serial No. 396,735; published Oct. 26, 1937.

CLASS 39

Coats, vests, trousers, etc. B. Kuppenheimer & Co. Inc. 353,417; Jan. 4.
Hats, caps, and helmets. Lincoln, Bennett & Co. 15,137; re-renewed Jan. 31, 1938.
Hats, caps, and helmets. Lincoln, Bennett & Co. 15,154; re-renewed Jan. 31, 1938.
Neckties and suits, Men's. H. Priestley & Co. 353,430; Jan. 4.
Overalls, overall coats and pants. Jobbers Overall Co. 116,433; renewed May 1, 1937.
Suits and overcoats, Boys'. Wiener & Katz. 353,416; Jan. 4; Serial No. 396,857; published Nov. 2, 1937.

CLASS 40

Dress-shields. I. B. Kleinert Rubber Company. 121,788; renewed May 28, 1938.
Pins, Safety. Consolidated Safety Pin Co. 121,410; renewed Apr. 30, 1938.

CLASS 42

Corduroys, Cut. Howlett & Hockmeyer Co. Inc. 353,387; Jan. 4; Serial No. 396,495; published Oct. 26, 1937.
Cotton piece goods. Jones Brothers Limited. 120,751; renewed Mar. 5, 1938.
Cotton piece goods. C. D. Morris. 353,362; Jan. 4; Serial No. 396,674; published Oct. 26, 1937.
Lace and netted fabrics. John Heathcoat & Co. 353,435; Jan. 4.
Piece goods. Arnold Sales Corporation. 353,385; Jan. 4; Serial No. 396,484; published Oct. 26, 1937.
Piece goods, and synthetic yarns, lining or interlining. S. Perlo & Sons. 353,408; Jan. 4; Serial No. 396,964; published Oct. 26, 1937.
Ribbons, tickings, outing flannel, etc. W. Blumberg. 353,347; Jan. 4; Serial No. 392,641; published Oct. 26, 1937.
Towels, dust cloths, wiping cloths, etc. S. C. Schwartz. 353,334; Jan. 4; Serial No. 387,643; published Oct. 26, 1937.
Woolen piece goods. Forstmann Woolen Co. 353,252; Jan. 4; Serial No. 393,028; published Oct. 26, 1937.
Woolen piece goods. Louis Shipman & Baker Co. 353,360; Jan. 4; Serial No. 394,431; published Oct. 26, 1937.
Woolen piece goods and hand-woven woolens. Minister for Lands. 353,346; Jan. 4; Serial No. 392,808; published Oct. 26, 1937.

CLASS 43

Yarn, woolen yarn, and yarn for hand-knitting. Eaton Rapids Woolen Mills. 120,674; renewed Feb. 26, 1938.

CLASS 44

Cushions for therapeutic purposes, Electrically-heated. W. E. Holder. 353,369; Jan. 4; Serial No. 396,568; published Oct. 26, 1937.
Electro-acoustical apparatus. Dictograph Products Company. 353,335; Jan. 4; Serial No. 387,988; published Oct. 26, 1937.
Hair waving appliances and hair waving supplies. Dura Company. 353,415; Jan. 4; Serial No. 397,357; published Oct. 26, 1937.
Sanitary belts. Slote & Klein, Inc. 353,412; Jan. 4; Serial No. 397,057; published Oct. 26, 1937.
Vibrating-massaging device. "Sodeco" Société des Compteurs de Genève. 353,381; Jan. 4; Serial No. 396,207; published Oct. 26, 1937.

CLASS 45

Beverage, Maltless. Mission Dry Corporation. 353,414; Jan. 4; Serial No. 397,221; published Oct. 26, 1937.
Ginger-ale, grape-juice, root-beer, etc. Albany Coca-Cola Bottling Co. 121,741; renewed May 28, 1938.
Syrups, Flavoring. G. A. Red. 353,379; Jan. 4; Serial No. 396,013; published Oct. 26, 1937.

CLASS 46

Apples, Fresh. Wenatchee Wagner Orchards, Inc. 353,394; Jan. 4; Serial No. 396,377; published Oct. 26, 1937. Class 46.
Blueberries. Blueberry Cooperative Association. 353,429; Jan. 4.
Bread, rolls, cake, etc. D. G. Williams. 353,370-71; Jan. 4; Serial Nos. 396,852-3; published Oct. 26, 1937.
Butter. Alaska Rural Rehabilitation Corporation. 353,425; Jan. 4.
Canned fruits, canned vegetables, canned meats, etc. Leadway Stores Corporation. 353,330; Jan. 4; Serial No. 381,210; published Oct. 26, 1937.
Canned meats. Geo. A. Hormel & Company. 353,357; Jan. 4; Serial No. 394,123; published Oct. 26, 1937.
Canned vegetables, canned sauerkraut, canned fruit juices. Harlingen Canning Company. 353,405; Jan. 4; Serial No. 396,875; published Oct. 26, 1937.
Cereal food products. General Mills, Inc. 353,407; Jan. 4; Serial No. 396,914; published Oct. 26, 1937.
Chocolate-flavored syrup. Whitson Products Co. 353,432; Jan. 4.
Compound of nut oils and evaporated skimmed milk. Carolene Products Co. 353,342; Jan. 4; Serial No. 390,834; published Oct. 5, 1937.
Confections, Frozen. Joseph Costa Company. 353,418; Jan. 4.
Crackers, biscuits, and cakes. Loose-Wiles Biscuit Company. 353,427-8; Jan. 4.
Flour, Soya bean. Superior Brands Inc. 353,336; Jan. 4; Serial No. 396,296; published Oct. 26, 1937.
Flour, Wheat. Midland Milling Company. 119,100-01; renewed Oct. 23, 1937.
Flour, Wheat. Midland Milling Company. 119,461-2; renewed Nov. 20, 1937.
Flour, Wheat. Western Milling Co. 353,343; Jan. 4; Serial No. 391,719; published Oct. 26, 1937.
Fruit, Fresh citrus. Carpinteria Mutual Citrus Assn. 353,396; Jan. 4; Serial No. 396,630; published Oct. 26, 1937.
Fruit, Fresh citrus. Sunland Packing House Company. 353,404; Jan. 4; Serial No. 396,845; published Oct. 26, 1937.
Fruits, Fresh citrus. Dr. P. Phillips Company. 353,361; Jan. 4; Serial No. 394,547; published Oct. 26, 1937.
Fruits, Fresh deciduous. Kelseyville Packing Company. 353,353; Jan. 4; Serial No. 393,496; published Oct. 26, 1937.
Ice-cream. L. A. Corning. 121,546; renewed May 7, 1938.
Ice cream, ices, and creamlike pastry products. W. Muehlpfordt. 353,326; Jan. 4; Serial No. 351,474; published Oct. 26, 1937.
Pastes, Alimentary. Prince Macaroni Mfg. Co. 353,345; Jan. 4; Serial No. 392,768; published Oct. 26, 1937.
Pulp and dehydrated citrus pulp, Dried citrus. Sunkist Citrus Products Company. 353,341; Jan. 4; Serial No. 390,763; published Oct. 26, 1937.
Rice. Food Products Co. of America. 353,373; Jan. 4; Serial No. 396,706; published Oct. 26, 1937.
Salad oil. M. Heller. 353,411; Jan. 4; Serial No. 396,991; published Oct. 26, 1937.
Salad oil. Musher and Company. 353,413; Jan. 4; Serial No. 397,140; published Oct. 26, 1937.
Syrup, Cane. J. T. Mary. 353,372; Jan. 4; Serial No. 396,584; published Oct. 26, 1937.
Tomato sauce. Societh Generale delle Conserve Alimentari Cirio. 120,443; renewed Feb. 5, 1938.
Vegetables, Fresh. Farmers Produce Company. 353,376; Jan. 4; Serial No. 396,910; published Oct. 26, 1937.

CLASS 47

Wines. McKesson & Robbins, Incorporated. 352,267; Jan. 4; Serial No. 396,196; published Oct. 19, 1937.
Wines. Santa Fe Vintage Company. 353,434; Jan. 4.

CLASS 48

Ales, beers, lagers, etc. British American Brewing Company Limited. 353,375; Jan. 4; Serial No. 395,611; published Oct. 26, 1937.

CLASS 49

Gin. Pacific Distillers, Inc. 353,380; Jan. 4; Serial No. 396,159; published Oct. 26, 1937.
Whiskey and gin. Read Drug and Chemical Co. of Baltimore City. 353,378; Jan. 4; Serial No. 396,010; published Oct. 26, 1937.

CLASS 50

Kit, Travellers toilet article. Pinaud Incorporated. 353,333; Jan. 4; Serial No. 384,361; published Oct. 26, 1937.

LIST OF LABELS

Ape-Man Make-Up Kit by Miner's. For Make-Up Kits. Miner's, Inc. 50,540; Jan. 4.
Arden Cough-Checker. For Cough Drops. Up-To-Date Candy Manufacturing Co. 50,550; Jan. 4.
Betty Lou. For Boxes. Hoague-Sprague Corporation. 50,536; Jan. 4.
Black-Face Make-Up Kit by Miner's. For Make-Up Kits. Miner's, Inc. 50,544; Jan. 4.
Chinese Make-Up Kit by Miner's. For Make-Up Kits. Miner's, Inc. 50,543; Jan. 4.
Clown Make-Up Kit by Miner's. For Make-Up Kits. Miner's, Inc. 50,541; Jan. 4.
Cowboy Make-Up Kit by Miner's. For Make-Up Kits. Miner's, Inc. 50,542; Jan. 4.
Dixidale. For Pens. National Retailer-Owned Grocers, Inc. 50,549; Jan. 4.

Furen. For Fruit. J. W. Furen. 50,533; Jan. 4.
Hall's Coffee Rings. For Coffee in the Form of Rings. H. B. Hall Co. 50,534; Jan. 4.
Hampden Beer. For Beer. Hampden Brewing Company. 50,535; Jan. 4.
Hobo Make-Up Kit by Miner's. For Make-Up Kits. Miner's, Inc. 50,545; Jan. 4.
Hyatt Pocket Billiard Balls. For Billiard Balls. Albany Billiard Ball Company. 50,530-2; Jan. 4.
Indian Make-Up Kit by Miner's. For Make-Up Kits. Miner's, Inc. 50,546; Jan. 4.
Juvenile Movie Make-Up Kit by Miner's. For Make-Up Kits. Miner's, Inc. 50,539; Jan. 4.
Motor Oil. For Motor Oil. J. B. Hurst. 50,537; Jan. 4.
Nesco—A Nesco Product—Nescoware is Everywhere. For Tin Ware, Enameled Ware, Lithographed Ware, Galvanized Ware, Japanned Ware, and Milk Cans. National Enameling and Stamping Company. 50,548; Jan. 4.
Pirate Make-Up Kit by Miner's. For Make-Up Kits. Miner's, Inc. 50,547; Jan. 4.
Recipe Brand Baking Powder. For Baking Powder. Wesco Foods Company. 50,551; Jan. 4.
Supreme White Bread. For Bread. Menasha Products Company. 50,538; Jan. 4.

LIST OF PRINTS

Delicious! Ravioli. For Ravioli. A. Tanzi. 16,643; Jan. 4.
Goin' Prospectin'. For Wheat Breakfast Food. Cream of Wheat Corporation. 16,640; Jan. 4.
Loxol—Beautifying Oil Shampoo Tint—Take off your Hat with a Confident Smile! For Oil Shampoo Tint. Sales Affiliates, Inc. 16,642; Jan. 4.
New Vogue for Hot Biscuits Comes to Help of 'Below Par' Menus. For Biscuit Flour. General Mills, Inc. 16,641; Jan. 4.
Pep. For Candy. Awful Fresh MacFarlane. 16,639; Jan. 4.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 4TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Borg-Warner Corporation. (See Darbyshire, Leonard H., assignor.)

Darbyshire, Leonard H., Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation. Cabinet design. 20,610; Jan. 4.

Nickerson, Alma N., Plymouth, Mass. Machine for spreading and surfacing road material. 20,611; Jan. 4.

Reynolds, Michael, Ottumwa, Iowa. Control for automatic air brake apparatus. 20,612; Jan. 4.

Tarisien, Theophile, Livry-Gargan, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 20,613; Jan. 4.

Westinghouse Air Brake Company, The. (See Tarisien, Theophile, assignor.)

Wigton, George H., Eureka, Utah. Concentration of ores. 20,614; Jan. 4.

LIST OF PLANT PATENTEES

Burbank, Elisabeth W., executrix. (See Burbank, Luther.)

Burbank, Luther, deceased, by E. W. Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Rose. 266; Jan. 4.

Burbank, Luther, deceased, by E. W. Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's. Nurseries & Orchards Company, Louisiana, Mo. Rose. 267; Jan. 4.

Stark Bro's Nurseries & Orchard Company. (See Burbank, Luther, assignor.)

LIST OF DESIGN PATENTEES

Banner Shoemakers, Inc. (See Feldman, Bernard, assignor.)

Barnhart, Adam B., New York, N. Y., assignor to J. Cochran, doing business as J. C. Laboratories, Roselle, N. J. Cosmetic case. 107,738; Jan. 4.

Barnhart, Adam B., New York, N. Y., assignor to J. Cochran, doing business as J. C. Laboratories, Roselle, N. J. Bottle. 107,815; Jan. 4.

Barnhart, Adam B., New York, N. Y., assignor to J. Cochran, doing business as J. C. Laboratories, Roselle, N. J. Box or similar cosmetic container. 107,816; Jan. 4.

Bell, Elmer, assignor to Bryce Brothers Company, Mount Pleasant, Pa. Stemmed goblet or similar article. 107,739; Jan. 4.

Berry, Adoree B., Oakland, Calif. Badge. 107,740; Jan. 4.

Bissell, James, Baltimore, Md. Combination salt and pepper shaker. 107,741; Jan. 4.

Borden, Bore, New York, N. Y. Textile fabric. 107,817; Jan. 4.

Boyson, George M., Philadelphia, Pa. Lace. 107,818; Jan. 4.

Briner, Darrell B., Winchester, Ind., assignor to Olean Glass Company, Olean, N. Y. Jar. 107,742; Jan. 4.

Bryce Brothers Company. (See Bell, Elmer, assignor.)

Buchheim, Herman E., Cambridge, assignor to Heywood-Wakefield Company, Gardner, Mass. Desk or similar article. 107,743; Jan. 4.

Bunting Glider Company. (See Goldberg, Aaron S., assignor.)

Centerbar, Lorenzo R., Natick, Mass. Game device. 107,744; Jan. 4.

Chesler, Isidor, Oceanport, N. J., assignor to Eagle Pencil Company, New York, N. Y. Pencil tip. 107,745; Jan. 4.

Cin-Rad Corporation. (See Moore, Aston L., assignor.)

Cochran, Jacqueline. (See Barnhart, Adam B., assignor.)

Cohen, Mollye M., New York, N. Y. Negligee. 107,819; Jan. 4.

Comolli, Sylvia, New York, N. Y. Dress. 107,746; Jan. 4.

Conley, Arthur W., Shaker Heights, Ohio. Air conditioning cabinet. 107,747; Jan. 4.

Cooley, Austin G., Rutherford, N. J. Telephoto recorder. 107,748; Jan. 4.

Cornwall, Hamilton O., New York, N. Y. Combination bookend, humidor, and ashtray. 107,749; Jan. 4.

D'Addario, Salvator, New York, N. Y., assignor to Krueger Beverage Company, Newark, N. J. Bottle. 107,750; Jan. 4.

Delta Manufacturing Company, The. (See Tants, Herbert E., assignor.)

De Motte, Maurice P., Indianapolis, Ind., assignor to The Presto-O-Lite Company, Inc. Acetylene generator. 107,751; Jan. 4.

Dom, Chesley, Hamilton County, assignor to The Wm. Powell Company, Cincinnati, Ohio. Hand actuated control valve. 107,752; Jan. 4.

Dominion Electrical Manufacturing Company. (See Petee, Lorens D., assignor.)

Donadieu, Jean G., Jackson Heights, assignor to Tissus Haute Couture, Inc., New York, N. Y. Textile fabric. 107,837; Jan. 4.

Eagle Pencil Company. (See Chesler, Isidor, assignor.)

Eisendrath Glove Company, The. (See Eisendrath, Robert M., assignor.)

Eisendrath, Robert M., assignor to The Eisendrath Glove Company, Chicago, Ill. Glove measuring device. 107,753; Jan. 4.

Erickson, C. E., Company. (See Erickson, Ernest R., assignor.)

Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Display rack for bread, pastry, or the like. 107,754; Jan. 4.

Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Display rack for pastries or the like. 107,755; Jan. 4.

Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Display rack for bottled beverages or the like. 107,756; Jan. 4.

Evans, Evan G., Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y. Musical chime. 107,757; Jan. 4.

Evans, Evan G., Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y. Musical chime. 107,758; Jan. 4.

Evans, Evan G., Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y. Musical chime. 107,759; Jan. 4.

Evans, Evan G., Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y. Musical chime. 107,760; Jan. 4.

Fair, William G., Hyannis, Mass. Drip catcher for ice cream cones and the like. 107,761; Jan. 4.

Farnam, Leon M., Chicago, Ill., and C. K. Teamer, Mount Airy, Pa., assignors to The S. S. White Dental Manufacturing Company. Blowpipe. 107,820; Jan. 4.

Fatherley, Robert E., New York, N. Y. Textile fabric. 107,835; Jan. 4.

Feild, Lucchesi J., Detroit, Mich. Rubbing block. 107,762; Jan. 4.

Feldman, Bernard, Newton Center, Mass., assignor to Banner Shoemakers, Inc., Dover, N. H. Shoe or similar article. 107,763; Jan. 4.

Fellegi, Margit, assignor to West Coast-Manchester Mills Inc., Los Angeles, Calif. Textile fabric. 107,821; Jan. 4.

Felmann, Henri, Chicago, Ill. Handbag. 107,764; Jan. 4.

Felmann, Henri, Chicago, Ill. Handbag. 107,765; Jan. 4.

Foster, Charles H., New York, N. Y. Display stand. 107,766; Jan. 4.

Frick, Chester A., assignor to Glascock Brothers Mfg. Co., Muncie, Ind. Refrigerator cabinet. 107,767; Jan. 4.

Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Glass. 107,768; Jan. 4.

Geller, Harry, New York, N. Y. Shoe. 107,769; Jan. 4.

Gill, Edward H., assignor to A. A. Kramer, Kansas City, Mo. Tank truck. 107,770; Jan. 4.

Gill, Edward H., assignor to A. A. Kramer, Kansas City, Mo. Vehicle tank body. 107,771; Jan. 4.
Glascock Brothers Mfg. Co. (See Frick, Chester A., assignor.)
Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Glider. 107,772; Jan. 4.
Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Glider frame. 107,773; Jan. 4.
Gross-Sydney Inc. (See Kronman, Ruth, assignor.)
Guth, Edwin F., Webster Groves, Mo. Light controlling plate for lighting fixtures. 107,774; Jan. 4.
Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 107,838; Jan. 4.
Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 107,839; Jan. 4.
Hamre, Marion R., Brooklyn, N. Y. Printed textile fabric or similar article. 107,840; Jan. 4.
Heywood-Wakefield Company. (See Buchheim, Herman E., assignor.)
Hopkins, George J., assignor to McCray Refrigerator Company, Kendallville, Ind. Refrigerated display case. 107,775; Jan. 4.
J. C. Laboratories. (See Barnhart, Adam B.)
Kaplan, Albert, New York, N. Y. Dress ensemble. 107,822; Jan. 4.
Katz, Adolph, New York, N. Y. Clip or similar article. 107,776; Jan. 4.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. 107,823; Jan. 4.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. 107,824; Jan. 4.
King, Gilbert M., Pawtucket, R. I. Lace. 107,825; Jan. 4.
King, Gilbert M., Pawtucket, R. I. Lace. 107,826; Jan. 4.
King, Gilbert M., Pawtucket, R. I. Lace. 107,827; Jan. 4.
Kirschner, Jack, New York, N. Y. Dress ensemble. 107,841; Jan. 4.
Kissling, William L., St. Louis, Mo. Combined circulator fan and table. 107,777; Jan. 4.
Koch, Louis A., Jr., Louisville, Ky. Jeweled reflector. 107,778; Jan. 4.
Kramer, Andrew A. (See Gill, Edward H., assignor.)
Kronman, Ruth, assignor to Gross-Sydney Inc., New York, N. Y. Dress. 107,828; Jan. 4.
Kronman, Ruth, assignor to Gross-Sydney Inc., New York, N. Y. Dress. 107,846; Jan. 4.
Krueger Beverage Company. (See D'Addario, Salvator, assignor.)
Lange, Morris, Cleveland Heights, Ohio. Draped partition. 107,779; Jan. 4.
Libbey Glass Company. (See Fuerst, Edwin W., assignor.)
Lintern Corporation, The. (See Lintern, William A., assignor.)
Lintern, William A., assignor to The Liutern Corporation, Cleveland, Ohio. Illuminated sign. 107,780; Jan. 4.
Machelfresh, William E., Jr., Chicago, Ill., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Glass. 107,781; Jan. 4.
McCray Refrigerator Company. (See Hopkins, George J., assignor.)
Merkin, Rose, Newton, Mass. Beauty helmet. 107,836; Jan. 4.
Miller Industries Company, The. (See Miller, Morris E., assignor.)
Miller, Leon B., Brooklyn, N. Y. Pocket file. 107,783; Jan. 4.
Miller, Morris E., Canton, Ohio, assignor, by mesne assignments, to The Miller Industries Company, Incorporated, Richmond, Va. Freezing unit. 107,782; Jan. 4.
Milton, John K., and C. Young, Chicago, Ill.; said Young assignor to said Milton. Seesaw apparatus. 107,784; Jan. 4.
Moore, Aston L., South Bend, Ind., assignor to Cin-Rad Corporation, Chicago, Ill. Microphone control. 107,785; Jan. 4.
Morris, Abraham H., New York, N. Y. Dress or similar article. 107,829; Jan. 4.
Morris, Abraham H., New York, N. Y. Dress or similar article. 107,830; Jan. 4.
Morris, Abraham H., New York, N. Y. Dress ensemble or similar article. 107,831; Jan. 4.
Nutone Chimes Inc. (See Evans, Evan G., assignor.)
Olean Glass Company. (See Brimer, Darrell E., assignor.)
Olean Glass Company. (See Smith, George, Jr., assignor.)
Owens-Illinois Glass Company. (See Machelfresh, William E., Jr., assignor.)
Pape, James C., Larchmont, N. Y. Shoe or similar article. 107,786; Jan. 4.
Pape, James C., Larchmont, N. Y. Shoe or similar article. 107,787; Jan. 4.
Pape, James C., Larchmont, N. Y. Shoe or similar article. 107,788; Jan. 4.
Pape, James C., Larchmont, N. Y. Shoe or similar article. 107,789; Jan. 4.
Parness, Reuben, Brooklyn, and S. Sweet, Bronx, N. Y. Combination jewelry display box. 107,790; Jan. 4.
Petee, Lorens D., Crestline, Ohio, assignor to Dominion Electrical Manufacturing Company. Electric fan guard. 107,791; Jan. 4.
Powell, Wm., Company, The. (See Dom, Chesley, assignor.)
Presto-O-Lite Company, The. (See De Motte, Maurice P., assignor.)
Radio Corporation of America. (See Vassos, John, assignor.)
Rathbun, Merrill L., Jamestown, N. Y. Jewelry box or similar article. 107,792; Jan. 4.
Rathbun, Merrill L., Jamestown, N. Y. Jewelry box or similar article. 107,793; Jan. 4.
Rathbun, Merrill L., Jamestown, N. Y. Jewelry box or similar article. 107,794; Jan. 4.
Roberson, Willard D., assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,842; Jan. 4.
Roberson, Willard D., assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,843; Jan. 4.
Robinson, Harry, New York, N. Y. Champagne bucket. 107,795; Jan. 4.
Rosenberg, William, New York, N. Y. Textile fabric. 107,844; Jan. 4.
Ross, Walter, New York, N. Y. Textile fabric. 107,845; Jan. 4.
Schiaparelli, Elsa, Paris, France. Face powder box. 107,796; Jan. 4.
Shane, Jack, New York, N. Y. Dress. 107,797; Jan. 4.
Sholts, Leo, New York, N. Y. Shoe or similar article. 107,798; Jan. 4.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 107,799; Jan. 4.
Slater, George W., East Akron, Ohio. Chessmen. 107,800; Jan. 4.
Smith, Arthur, West McHenry, Ill. Display stand for fruit or the like. 107,803; Jan. 4.
Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Packer jar. 107,801; Jan. 4.
Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Packer jar. 107,802; Jan. 4.
Stansel, Victor, Schulenburg, Tex. Combined lamp and smoking stand or the like. 107,804; Jan. 4.
Steinman, William G., New York, N. Y. Dress. 107,832; Jan. 4.
Sweet, Sam. (See Parness, R., and Sweet.)
Tauts, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Belt sander. 107,805; Jan. 4.
Teamer, Clarence K. (See Farnum, L. M., and Teamer.)
Thamm, Rose M., Berkeley, Calif. Serviette holder. 107,806; Jan. 4.
Tissus Haute Couture, Inc. (See Donadieu, Jean G., assignor.)
Troy, Seymour, New York, N. Y. Shoe or similar article. 107,807; Jan. 4.
Troy, Seymour, New York, N. Y. Shoe or similar article. 107,808; Jan. 4.
United States Glass Company. (See Kelly, Robert A., assignor.)
Vassos, John, New Canaan, Conn., assignor to Radio Corporation of America. Control unit for electrical apparatus. 107,809; Jan. 4.
Vogel, Fenick A. (See Weidner, V., and Vogel.)
Waterfield, James, Philadelphia, Pa. Lace tablecloth. 107,833; Jan. 4.
Weidner, Victor, Port Washington, and F. A. Vogel, New York, N. Y. Lamp. 107,810; Jan. 4.
Weissenborn, Raymond A., Montclair, N. J. Pencil. 107,813; Jan. 4.
Welch, Irene, New York, N. Y. Dress. 107,811; Jan. 4.
Werthelm, Adolph, New York, N. Y. Shoe or similar article. 107,812; Jan. 4.
West Coast-Manchester Mills Inc. (See Fellegi, Margit, assignor.)
White, S. S., Dental Manufacturing Company, The. (See Farnum, L. M., and Teamer, assignors.)
Yale Fabrics Corp. (See Roberson, Willard D., assignor.)
Young, Curley. (See Milton, J. K., and Young.)
Zahn, Samuel, New York, N. Y. Dress. 107,834; Jan. 4.
Zellweger, Walter, Flushing, N. Y. Shoe or similar article. 107,814; Jan. 4.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 4TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott, Frederick F. M., Edgware, assignor to N. P. Billing, London, England. Cinematograph camera and projector apparatus. 2,104,631; Jan. 4.
Abel, Walter L., Waterloo, Iowa. Coverall. 2,104,145; Jan. 4.
Abramson, Alexander, Prague, Czechoslovakia. Carburetor for combustion engines. 2,104,215; Jan. 4.
Ackerman, William, London, Ohio. Combined cultivator and weed cutter. 2,104,004; Jan. 4.
Adamczyk, Alois, Bethlehem, Pa. Ice cube crusher. 2,104,577; Jan. 4.
Adams, Basil A., and E. L. Holmes, Teddington, England. Manufacture and use of synthetic resins. 2,104,501; Jan. 4.
Adams, Daniel G., assignor to Adams Grease Gun Corporation, New York, N. Y. Lubricating apparatus. 2,104,146; Jan. 4.
Adams Grease Gun Corporation. (See Adams, Daniel G., assignor.)
Addressograph-Multigraph Corporation. (See Hagelin, William T., assignor.)
Adell, John A., Orange, assignor of one-half to A. L. Johnson, Worcester, Mass. Making threaded tubes. 2,104,688; Jan. 4.
Agfa Ansco Corporation. (See Zeh, Walter, assignor.)
Agnew, Norman F., Penn Township, Allegheny County, and B. Mishelevich, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,104,603; Jan. 4.
Agnew, Norman F., Swissvale, and B. Mishelevich, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,104,602; Jan. 4.
Agnew, Norman F., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for charging storage batteries. 2,104,632; Jan. 4.
Agosta, Corrado, and F. Notarangelo, Bristol, Conn. Tap for tap-dancing shoes. 2,104,179; Jan. 4.
Air-Way Electric Appliance Corporation. (See Dow, Dewey M., assignor.)
Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Johnson, Bror A. E., assignor.)
Aktiebolaget Rosenblads Patenter. (See Rosenblad, Curt F., assignor.)
Albrecht, George F., Saco, Maine. Bolster. 2,104,216; Jan. 4.
Alexander, Donald F. (See Candor, E. R., and Alexander.)
Alexander, Donald F. (See Hull, H. B., and Alexander.)
Alexander, Donald F., C. F. Heaney, and C. L. Paulus, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,148; Jan. 4.
Alexander, Donald F., C. F. Heaney, and C. L. Paulus, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,282; Jan. 4.
Alexander, Donald F., C. L. Paulus, and C. F. Heaney, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,281; Jan. 4.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,104,633; Jan. 4.
Allegheny Steel Company. (See Scharschu, Charles A., assignor.)
Allen, Robert C., Wauwatosa, Wis., assignor to Murray Iron Works Company, Burlington, Iowa. Valve. 2,104,502; Jan. 4.
Aluminum Company of America. (See Decker, Henry, assignor.)
Aluminium Laboratories Limited. (See Ruthven, Frederick F., assignor.)
American Can Company. (See Hothersall, John M., assignor.)
American Can Company. (See Hull, Wilson R., assignor.)
American Cast Iron Pipe Company. (See Barr, C. D., and Holmes, assignors.)
American Foundry Equipment Company, The. (See Pelk, Louis D., assignor.)
American Hardware Corporation, The. (See Hurd, Norman B., assignor.)
American Optical Company. (See Baker, Nelson M., assignor.)
American Potash & Chemical Corporation. (See Burke, W. E., and de Ropp, assignors.)
American Sales Book Company. (See Janney, John B., assignor.)
American Steel and Wire Company of New Jersey, The. (See Gleason, George A., assignor.)
American Telephone and Telegraph Company. (See Honaman, R. K., and Swart, assignors.)
American Telephone and Telegraph Company. (See Swart, Leland K., assignor.)
Anaconda Copper Mining Company. (See Frick, F. F., and Cooper, assignors.)
Anaconda Lead Products Company. (See Stockdale, S. W., Weaver, and Tinnes, assignors.)
Anaconda Wire & Cable Company. (See Webb, John B., assignor.)
Anderson, David E., assignor to Bohn Aluminum and Brass Corporation, Detroit, Mich. Manifold construction. 2,104,175; Jan. 4.
Anderson, James K., Leeds, England. Actuating mechanism for doffing mechanism. 2,104,474; Jan. 4.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Spray type conditioner for passenger vehicles. 2,104,475; Jan. 4.
Anderson, Vern E., Lansing, Mich. Grinding apparatus. 2,104,147; Jan. 4.
Andrews, E. J. (See Krag, Erik L., assignor.)
Animal Trap Company of America. (See Zahm, Joseph D., assignor.)
Ankretell, Edward N., assignor to The A. C. Gilbert Company, New Haven, Conn. Camera model. 2,104,476; Jan. 4.
Apple, Bessie D. (See Cotterman, Frederick W., assignor.)
Armstrong, Edwin H., New York, N. Y. Radio signaling system. 2,104,011; Jan. 4.
Armstrong, Edwin H., New York, N. Y. Multiplex radio signaling system. 2,104,012; Jan. 4.
Arnesen, Charolette A., Chicago, Ill. Container. 2,104,005; Jan. 5.
Arutunoff, Armais, Bartlesville, Okla. Gas separator for pumps. 2,104,339; Jan. 4.
Ashjean, A. Ted, et al. (See Wohlfarth, Walter W., assignor.)
Askania-Werke A. G. vormals Centralwerkstatt Dessau und Carl Bamberg-Friedenau. (See von Manteuffel, Gert Z., assignor.)
Automatic Instrument Company. (See Green, Clifford H., assignor.)
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can filling machine. 2,104,445; Jan. 4.
Ayars Machine Company. (See Ayars, Charles H., assignor.)
Babcock, Lillian. (See Schopbach, C. H., and Babcock.)
Babitch, Abraham M., and G. W. Harry, Flint, assignors to General Motors Corporation, Detroit, Mich. Fuel pump. 2,104,446; Jan. 4.
Babitch, Abraham M., and G. W. Harry, Flint, assignors to General Motors Corporation, Detroit, Mich. Vacuum pump. 2,104,447; Jan. 4.
Babitch, Abraham M., and G. W. Harry, Flint, assignors to General Motors Corporation, Detroit, Mich. Fuel pump. 2,104,448; Jan. 4.
Bailey, Frederick W., et al. (See Robinson, Frederick W., assignor.)
Bailey, Henry H., Riverside, Ill., assignor to The Barrett Company, New York, N. Y. Shingle. 2,104,067; Jan. 4.
Baird, William, Blackley, England, assignor to Imperial Chemical Industries Limited. Quaternary ammonium salts of mercaptoarylenethiazoles. 2,104,038; Jan. 4.
Baker, Arthur R., Indianapolis, Ind., assignor, by mesne assignments, to Columbia Carburetor Company. Forming a fuel charge for internal combustion engines. 2,104,013; Jan. 4.
Baker, Nelson M., assignor to American Optical Company, Southbridge, Mass. Forming connecting means for ophthalmic mountings. 2,104,503; Jan. 4.
Baker Perkins Company. (See Guggenheim, Max M., assignor.)
Baker-Raulang Company, The. (See Stahl, Edward J., assignor.)
Ball Brothers Company. (See Wadsworth, Frank L. O., assignor.)
Ballou, John McK., Los Angeles, Calif. Airplane. 2,104,006; Jan. 4.
Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Clutch mechanism. 2,104,014; Jan. 4.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Flat sheet delivery for web printing rotary presses. 2,104,578; Jan. 4.
Barbieri, Cesare, New York, N. Y., assignor to Dixie-Vortex Company, Chicago, Ill. Forming paper cups. 2,104,535; Jan. 4.
Barends, William, New York, N. Y. Forced feed draft equaliser. 2,104,504; Jan. 4.
Barker, Ernest L., Houston, Tex. Tubing head or hanger. 2,104,180; Jan. 4.
Barker, John A., Roseboro, and R. L. Dew, Clinton, N. C. Automobile safety switch. 2,104,689; Jan. 4.

Barnes, Stuart C., Detroit, Mich. Handle assembly escutcheon. 2,104,217; Jan. 4.

Barnett, Arthur J., Buffalo, N. Y. Pocket shaper. 2,104,111; Jan. 4.

Barr, Clarence D., and D. O. Holmes, assignors to American Cast Iron Pipe Company, Birmingham, Ala. Hot blast cupola. 2,104,393; Jan. 4.

Barratt, Arthur C., York Township, York County, Ontario, Canada. Vehicle wheel. 2,104,212; Jan. 4.

Barrett Company, The. (See Bailey, Henry H., assignor.)

Barrett Company, The. (See Hamlin, Marston L., assignor.)

Barrett Company, The. (See Kenney, John A., assignor.)

Bartek, John S., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Cutter clamping mechanism. 2,104,604; Jan. 4.

Barton, William K. (See Pattison, H. J., and Barton.)

Baskin, Charles M., Toronto, Ontario, Canada, assignor to Standard Oil Development Company. Production of hot mix cold laid bituminous pavements. 2,104,410; Jan. 4.

Baskin, Charles M., Toronto, Ontario, Canada, assignor to Standard Oil Development Company. Producing a hot mix, cold laid paving mixture. 2,104,411; Jan. 4.

Bates, Jesse H., Wauwatosa, assignor to Harnischfeger Corporation, Milwaukee, Wis. Panel fastener. 2,104,550; Jan. 4.

Bauer, Walter. (See Röhm, O., and Bauer.)

Baumann, Fritz, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Phosphorous acid esters of hydroxyalkylamino anthraquinones. 2,104,286; Jan. 4.

Baxter, John P., Widnes, T. N. Montgomery, Lancaster, and J. G. Moore, Runcorn, England, assignors to Imperial Chemical Industries Limited. Treatment of solutions of chlorinated rubber. 2,104,060; Jan. 4.

Bausch, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sole fitting machine. 2,104,113; Jan. 4.

Bean, Arthur G., and B. Holmberg, assignors to The Foxboro Company, Foxboro, Mass. Method of and apparatus for printing instrument charts or the like. 2,104,551; Jan. 4.

Beardsley, Orie L., Gary, Ind. Spade for a gun trail. 2,104,015; Jan. 4.

Beck, Harry P., Lake City, Minn. Trousers support. 2,104,287; Jan. 4.

Bedford, Burnice D., Schenectady, N. Y. Electric valve circuits. 2,104,690; Jan. 4.

Bell, Charles L., assignor to Lubbers & Bell Manufacturing Company, Clinton, Iowa. Fly swatter. 2,104,149; Jan. 4.

Bell Telephone Laboratories, Incorporated. (See Bowne, L. J., Lamberty, and Stokely, assignors.)

Bell Telephone Laboratories, Incorporated. (See Johnson, J. B., and Kammerer, assignors.)

Bell Telephone Laboratories, Incorporated. (See Kinkead, Fullerton S., assignor.)

Bell Telephone Laboratories, Incorporated. (See Kuntz, Frank A., assignor.)

Bell Telephone Laboratories, Incorporated. (See Marshall, Robert N., assignor.)

Bell Telephone Laboratories, Incorporated. (See McCormick, C. G., and Sheatsley, assignors.)

Ben-Bark, Inc. (See Kaplan, Jacob, assignor.)

Bendix Aviation Corporation. (See Heintz, Ralph M., assignor.)

Bendix Aviation Corporation. (See Spengler, Walter J., assignor.)

Bendix-Westinghouse Automotive Air Brake Company. (See Surdy, Charles J., assignor.)

Bennett, George L., Terre Haute, Ind. Method of and apparatus for mining coal and the like. 2,104,579; Jan. 4.

Berthold, Hermann, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyestuffs on cellulosic fibers. 2,104,508; Jan. 4.

Bertsche, Harry A., Detroit, assignor of one-half to J. R. Weeks, Birmingham, Mich. Warm air furnace. 2,104,161; Jan. 4.

Bertram, Hugo A., Malden, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Wood heel making machine. 2,104,115; Jan. 4.

Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,104,182; Jan. 4.

Betsold, Max F., C. Rascher, and C. A. Torp, assignor to Rascher & Betsold, Inc., Chicago, Ill. Thermometer. 2,104,218; Jan. 4.

Beyer, Millard L. (See Royce, A. A., and Beyer.)

Bigan, William P., Washington, D. C. Respiratory device. 2,104,016; Jan. 4.

Bilek, Karel. (See Svoboda, Jaroslav, and L. and Bilek.)

Billing, Neal P. (See Abbott, Frederick F. M., assignor.)

Biro, Carl G., Marblehead, Ohio. Meat cutting and slicing machine. 2,104,360; Jan. 4.

Bischoff, Robert. (See Brisbane, E. C., and Bischoff.)

Blanck, Frederick C., Washington, D. C., T. L. Swenson, Chevy Chase, Md., H. H. Mottern, Pullman, Wash., and H. R. Goreslne, Silver Spring, and E. K. Nelson, Sligo Park Hills, Md., dedicated to the free use of the People of the United States of America. Preservation of liquids. 2,104,710; Jan. 4.

Blattner, Emil H., assignor to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,104,114; Jan. 4.

Blau, Ludwig W. (See Statham, L., and Blau.)

Blee, Willis B., Rockville Centre, and B. W. Kelly, New York, N. Y. Optometric apparatus. 2,104,552; Jan. 4.

Blekstad, Walter S., et al. (See Sommer, Robert, assignor.)

Blood, Richard E., Amsterdam, N. Y. Raglan sleeve garment. 2,104,282; Jan. 4.

Bloom, Abraham, assignor to Newark Refrigeration and Appliance Co., Plainfield, N. J. Frost control. 2,104,219; Jan. 4.

Bodine Corporation, The. (See Noel, Alfred J., assignor.)

Bohme Fettchemih-Gesellschaft m. b. H. (See Grün, Adolf, assignor.)

Bohn Aluminum and Brass Corporation. (See Anderson, David E., assignor.)

Bohn Aluminum & Brass Company. (See Nelson, Adolph L., assignor.)

Boldt, Werner F., assignor to Wagner Electric Corporation, St. Louis, Mo. Power transmission control mechanism. 2,104,605; Jan. 4.

Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,104,607; Jan. 4.

Bone, Herbert L., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,104,606; Jan. 4.

Bonser, Joseph R., Addlescombe-Surrey, England, and G. Konsal, Hackensack, N. J. Composition for treatment of seeds. 2,104,316; Jan. 4.

Borberg, Adolf, Short Hills, N. J., assignor to Carnegie Steel Company. Piling section. 2,104,116; Jan. 4.

Borden Company, The, et al. (See Supplee, George C., assignor.)

Borg-Warner Corporation. (See Swennes, Benjamin A., assignor.)

Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake system. 2,104,220; Jan. 4.

Bower, Raymond G., assignor to Burroughs Adding Machine Company, Detroit, Mich. Power operated typewriter. 2,104,007; Jan. 4.

Bowers, Charles O., and A. C. Williams, assignors of one-third to S. H. Davis, Lansing, Mich. Brake mechanism. 2,104,702; Jan. 4.

Bowman, James W., Bellingham, Wash. Detachable shoe heel plate device. 2,104,289; Jan. 4.

Bowne, Langford J., Howard Beach, F. R. Lamberty, Brooklyn, and E. L. Stokely, deceased, by G. M. Stokely, executrix, Floral Park, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,104,449; Jan. 4.

Boynton, Alexander, San Antonio, Tex. Method of and apparatus for lifting fluid. 2,104,006; Jan. 4.

Bradshaw, Hamilton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of animal and vegetable fats and oils. 2,104,070; Jan. 4.

Bradshaw, Russell R., assignor to The Dow Chemical Company, Midland, Mich. Cellulose ether purification. 2,104,017; Jan. 4.

Bradwell, Robert H., assignor to Polly Prentiss, Inc., Sumter, S. C. Machine for producing spaced groups of tufts on fabric. 2,104,634; Jan. 4.

Bratten, Phillip M., Fort Worth, Tex., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,711; Jan. 4.

Breedlove, Harry B., Memphis, Tenn. Suppressing interference in radio reception. 2,104,635; Jan. 4.

Bremser, Albert T., Westmont, N. J. Internal combustion engine. 2,104,150; Jan. 4.

Brennan, Joseph B., Fort Wayne, Ind. Electrolytic device and making same. 2,104,018; Jan. 4.

Brennan, Joseph B., Fort Wayne, Ind. Electrolytic condenser. 2,104,019; Jan. 4.

Brewer, Charles A., Noreton Heights, Conn., assignor of one-half to P. J. Kury, Arverne, N. Y. Motor vehicle control mechanism. 2,104,580; Jan. 4.

Briggs Manufacturing Company. (See Pattison, H. J., and Barton, assignors.)

Brisbane, Eugene C., and R. Bischoff, assignors to S. Morgan Smith Company, York, Pa. Valve. 2,104,151; Jan. 4.

Bristol Tramways & Carriage Company Limited, The. (See Redrup, Charles B., assignor.)

Brodersen, Karl, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Treating fibrous materials with alkaline liquids of mercerising strength. 2,104,290; Jan. 4.

Brostrom, Charles G., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon shoe-heels. 2,104,183; Jan. 4.

Browning, J. M., and M. S., Company. (See Browning, Val A., assignor.)

Browning, Val A., Liege, Belgium, assignor to J. M. and M. S. Browning Company, Ogden, Utah. Repeating firearm. 2,104,581; Jan. 4.

Bryant, Beatrice G., Oklahoma City, Okla. Envelope vanity. 2,104,361; Jan. 4.

Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Alkyl phenols. 2,104,412; Jan. 4.

Burcham, James R., Newcastle, Ind. Advertising device. 2,104,636; Jan. 4.

Burcky, Charles W., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,104,071; Jan. 4.

Burke, William R., Troxa, Calif., and H. de Rogy, Charleston, W. Va., assignors to American Potash & Chemical Corporation, Troxa, Calif. Manufacture of boric acid. 2,104,009; Jan. 4.

Burroughs Adding Machine Company. (See Bower, Raymond G., assignor.)

Byford, George E. (See Rapisarda, Edward D., assignor.)

Cadman, Addi B., Beloit, Wis. Rheostat. 2,104,020; Jan. 4.

Cahoon, Brent F., Kew Gardens, assignor to Captive Closures, Inc., New York, N. Y. Closure for containers. 2,104,413; Jan. 4.

Callis, Conral C., Oakmont, Pa. Fuel. 2,104,621; Jan. 4.

Campbell, Melvin M., South St. Joseph, Mo., assignor to Industrial Patents Corporation, Chicago, Ill. Casing conveyor. 2,104,450; Jan. 4.

Candee, Alice H., assignor to Gleason Works, Rochester, N. Y. Method of and machine for producing gears. 2,104,184; Jan. 4.

Candor, Robert R., and D. F. Alexander, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,383; Jan. 4.

Captive Closures, Inc. (See Cahoon, Brent F., assignor.)

Caraballo, Martin, and J. G. Zaudegui, Tampa, Fla. Device for perforating the ends of cigars. 2,104,291; Jan. 4.

Caraballo, Martin, and J. G. Zaudegui, Tampa, Fla. Cigar tip perforating machine. 2,104,292; Jan. 4.

Carbide and Carbon Chemicals Corporation. (See Chitwood, H. C., and Perkins, assignors.)

Carborundum Company, The. (See de Leeuw, Peter, assignor.)

Carborundum Company, The. (See Rickard, George B., assignor.)

Carey, Philip, Manufacturing Company, The. (See Jussen, H. C., and Malcolm, assignors.)

Carlisle, Piet M., assignor to Panama Brick & Tile Company, Panama City, Fla. Brick and tile machine. 2,104,293; Jan. 4.

Carlson, Bert G., Queens Village, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Airplane engine synchronizer. 2,104,583; Jan. 4.

Carmody, Thomas G., Providence, R. I. Signal umbrella. 2,104,340; Jan. 4.

Carnegie Steel Company. (See Borberg, Adolf, assignor.)

Carp's Handelsbureau voor Aviatiek en Scheepsaaken N. V. (See Hamel, Wilhelm, assignor.)

Carr, Sidney L., Palo Alto, assignor of one-half to J. Larson, San Francisco, Calif. Collapsible universal book support. 2,104,072; Jan. 4.

Carrier Corporation. (See Lyman, Samuel E., assignor.)

Cattanach, John. (See Odenbach, J. H., and Cattanach.)

Ceramic Machinery Distributors Limited. (See Shurley, Frederick, assignor.)

Chapman, Everett, Coatesville, Pa. Bridge construction. 2,103,022; Jan. 4.

Chitwood, Henry C., and G. A. Perkins, Charleston W. Va., assignors to Carbide and Carbon Chemicals Corporation. Production of oleine ethers. 2,104,717; Jan. 4.

Clarkson, William S., Ann Arbor, Mich. Liquid weight meter. 2,104,010; Jan. 4.

Clausen, Harold C. Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,104,185; Jan. 4.

Clausen, Harold C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,104,186; Jan. 4.

Clausen, Harold C., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,104,187; Jan. 4.

Claybourn, Leslie W., Milwaukee, Wis., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Registering printing plates. 2,104,553; Jan. 4.

Clayton Manufacturing Company. (See Kerrick, Walter B., assignor.)

Clement, Louis B., Meudon, France, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Manufacture of cellulose esters. 2,104,023; Jan. 4.

Cleveland Rock Drill Company, The. (See Curtis, John C., assignor.)

Cleveland Trust Company, The. (See Gauger, Frank A., assignor.)

Climax Rock Drill & Engineering Works Limited. (See Langdon, Alfred G., assignor.)

Coddington, Edwin D., Milwaukee, Wis., assignor to Reynolds Corporation, New York, N. Y. Stud. 2,104,506; Jan. 4.

Cohrs, Fred W., Calgary, Alberta, Canada. Gas burner. 2,104,317; Jan. 4.

Coldwell, John S., assignor, by mesne assignments, to Globe-Union Inc., Milwaukee, Wis. Roller skate. 2,104,536; Jan. 4.

Cole, Frank O., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Liquid fuel burning apparatus. 2,104,691; Jan. 4.

Coleman, Gerald H., B. C. Hadler, and H. C. Suckermandel, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of chloroform. 2,101,703; Jan. 4.

Colston, Robert, Chicago, Ill., assignor to J. M. Hopwood, Dormont, Pa. Control system for furnaces. 2,104,221; Jan. 4.

Columbia Carburetor Company. (See Baker, Arthur R., assignor.)

Compagnie Generale de Telegraphie sans Fil. (See Goudet, H., and Sénéchaux, assignors.)

Conklin, Joseph A., San Francisco, Calif. Air conditioned sleeping cabinet. 2,104,024; Jan. 4.

Conklin, James W., Rocky Point, N. Y., assignor to Radio Corporation of America. Line resonator. 2,104,554; Jan. 4.

Consolidated Car-Heating Company. (See Touceda, Enrique G., assignor.)

Consolidated Machine Tool Corporation. (See Bartek, John S., assignor.)

Consolidated Trimming Corporation. (See Klahre, Hugo A., assignor.)

Cooke, Giles B., and S. L. Wilbur, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Cork composition and manufacture. 2,104,602; Jan. 4.

Cooper, John P. (See Frick, F. F., and Cooper.)

Copeland, L. T., et al., administrators. (See Hunter, P. E., and Nightingale.)

P., and Nightingale.)

Corbett, Alfred, Irwin, Pa., assignor to National Electric Products Corporation. Junction adapter. 2,104,451; Jan. 4.

Coryell, Charles N., Mamaroneck, N. Y. Holder for stick material. 2,104,344; Jan. 4.

Cosmelter, Bruno, et al. (See Sommer, Robert, assignor.)

Cotterman, Frederick W., assignor to B. D. Apple, Dayton, Ohio. Seal for ball bearing structure. 2,104,165; Jan. 4.

Cotterman, Frederick W., assignor to B. D. Apple, Dayton, Ohio. Molding thermoplastics. 2,104,189; Jan. 4.

Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)

Cottrell, C. B., & Sons Company. (See Claybourn, Leslie W., assignor.)

Coustaix, Blaise, Boulogne sur Seine, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Electrical furnace. 2,104,555; Jan. 4.

Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Sheet cutting, stitching, and folding mechanism. 2,104,452; Jan. 4.

Crain, Manley L., and C. E. Smith, reor, S. C. Warp beam holder for yarn drying machines. 2,104,507; Jan. 4.

Crane Company of Minnesota. (See Hougland, Albert C., assignor.)

Cox, John C., and G. H. Thomas; said Cox assignor to Wagner Electric Corporation, St. Louis, Mo., and said Thomas assignor to P. M. Salerni, London, England. Change-speed transmission. 2,104,608; Jan. 4.

Criqui, Charles A. (See Larkin, Elwood T., assignor.)

Crockett, William P., and W. P. Crockett, Jr., assignors to Hospo, Inc., Chicago, Ill. Electric light fixture. 2,104,414; Jan. 4.

Crockett, William P., Jr. (See Crockett, William P., and W. P., Jr.)

Crooke, Kenneth E., Williamsport, Pa. Coating. 2,104,637; Jan. 4.

Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Multiple phase modulation. 2,104,318; Jan. 4.

Crown Cork & Seal Company. (See Cooke, G. B., and Wilbur, assignors.)

Cullen, Katherine T., administratrix. (See Cullen, Roy G.)

Cullen, Roy G., deceased, by K. T. Cullen, administratrix, Houston, Tex. Washing wells. 2,104,294; Jan. 4.

Cummings, Williams F., assignor to Great Lakes Concrete Pipe Co. Inc., Buffalo, N. Y. Pipe rolling device. 2,104,362; Jan. 4.

Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Portable drilling rig. 2,104,341; Jan. 4.

Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,104,712; Jan. 4.

Curtis, Thomas J., Los Angeles, Calif. Electro-therapeutic device. 2,104,252; Jan. 4.

Cusi, Dante S. (See Martinez, J. J., and Cusi.)

Cuthbert, William R., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 2,104,638; Jan. 4.

Cutler-Hammer, Inc. (See Kuhn, Clarence W., assignor.)

Cutler-Hammer, Inc. (See Meuer, George J., assignor.)

Daimler-Benz Aktiengesellschaft. (See Hiecker, Walter, assignor.)

Dain Manufacturing Company of Iowa. (See Jones, Frank D., assignor.)

Dall, Edward D., Cleveland, assignor to W. F. Wright, Shaker Heights, Ohio. Door locking and window operating device for automobiles and the like. 2,104,639; Jan. 4.

Daly Bros. Shoe Company. (See Daly, Charles L., assignor.)

Daly, Charles L., Belmont, assignor to Daly Bros. Shoe Company, Inc., Boston, Mass. Rubber sole. 2,104,583; Jan. 4.

Dangelmajer, Charles. (See Magill, P. L. F., and Dangelmajer.)

Davidson, Nathan, Los Angeles, Calif. Building block and construction. 2,104,152; Jan. 4.

Davies, Austin M., Jamaica, N. Y. Preservation of fruit juices. 2,104,415; Jan 4.

Davis, Lewis, assignor to McLaurin-Jones Co., Brookfield, Mass. Decalcomania paper. 2,104,025; Jan. 4.

Davis, Samuel H. (See Bowers, C. O., and Williams, assignors.)

Dearborn, Frederick E., Washington, D. C., dedicated to the free use of the Public in the United States. Double salts of copper arsenite and a copper salt of a higher unsaturated fatty acid. 2,104,544; Jan. 4.

Decker, Henry, Bogota, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Extruding metal containers. 2,104,222; Jan. 4.

De Golyer, Anthony G., New York, N. Y., assignor to Vulcan Alloy Corporation, Weirdod. 2,104,693; Jan. 4.

De Golyer, Anthony G., New York, N. Y., assignor to Vulcan Alloy Corporation, Weirdod. 2,104,694; Jan. 4.

De Leeuw, Peter, assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Manufacture of ceramic articles. 2,104,609; Jan. 4.

Delpech, Gaston. (See George H., and Delpech.)

De Luxe Products Corporation. (See Horn, James E., assignee.)

De Martini, Paul G., Jr., San Francisco, Calif. Table accessory. 2,104,342; Jan. 4.

De Mont, Robert E., Cleveland, Ohio. Collapsible support for curtains. 2,104,416; Jan. 4.

Demeter, Ladislaus, Monor, Hungary. Fuse for hand grenades and projectiles. 2,104,508; Jan. 4.

Dentists' Supply Company of New York, The. (See Gysi, Alfred, assignor.)

De Ropp, Harald. (See Burke, W. E., and de Ropp.)

Detroit Dental Manufacturing Company. (See Jones, Clevee, assignor.)

Detroit Edison Company, The. (See Matthews, George A., assignor.)

Detroit Lubricator Company. (See Russel, Philip S., assignor.)

Dettar, Steve, Detroit, Mich. Circuit breaker. 2,104,190; Jan. 4.

De Varda, Giuseppe Serravalle Scria, Italy. Recovery of calcium phosphate, alumina and potassium values from their insoluble minerals. 2,104,295; Jan. 4.

Devaux, Frederic, Paris, France. Type casting and setting machine. 2,104,509; Jan. 4.

Devlin, James R., Worcester, Mass. Snow removal device. 2,104,368; Jan. 4.

Dew, Hebert L. (See Barker, J. A., and Dew.)

Dicke, Allen A., Montclair, N. J., assignor to Remington Arms Company, Inc. Manufacture of rifled tubes. 2,104,219; Jan. 4.

Dixie-Vortex Company. (See Bertieri, Cesare, assignor.)

Dodge, Sherwood O., Medford, assignor to Guaranteed Parts, Inc., Alleton, Mass. Shuttle. 2,104,153; Jan. 4.

Dolomite Marine Corporation. (See Odenbach, J. H., and Catzinach, assignors.)

Dolphi, James J., Cranston, and H. Hintze, West Warwick, R. I. Textile printing machine. 2,104,417; Jan. 4.

Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Antenna and coupler system. 2,104,610; Jan. 4.

Derr Company, The, et al. (See Weinig, Arthur J., assignor.)

Dougherty, Pryor E., Morristown, N. J. Educational apparatus. 2,104,718; Jan. 4.

Dow, Alden B., and R. Goodall, Midland, Mich.; said Goodall assignor to said Dow. Construction block. 2,104,585; Jan. 4.

Dow Chemical Company, The. (See Bradshaw, Russell R., assignor.)

Dow Chemical Company, The. (See Coleman, G. H., Hadler, and Zuckermandel, assignors.)

Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,104,483; Jan. 4.

Dowell, Arthur E., Washington, D. C., assignor to The Duplex Printing Press Company, Battle Creek, Mich. Rotary press unit. 2,104,036; Jan. 4.

Dragon, John J., New York, N. Y. Alarm clock. 2,104,611; Jan. 4.

Draugelis, John, Girardville, Pa. Concrete composition. 2,104,477; Jan. 4.

Duell, Henry R., Rowena, Tex. Supporting pin for eyeglasses and the like. 2,104,612; Jan. 4.

Druyvesteyn, Mari J., and N. Warmoltz, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge device. 2,104,073; Jan. 4.

Du Bois, Alfred, Paris, France. Sacking into valve bags. 2,104,154; Jan. 4.

Dubos, Peter A., New Orleans, La. Process of and apparatus for treating crustacea. 2,104,027; Jan. 4.

Duff-Norton Manufacturing Company, The, (See Bohrerin, Frank H., assignor.)

Dunmore, Francis W., Washington, D. C., assignor to Government of the United States of America, as represented by the Secretary of Commerce. Aircraft blind landing beam system. 2,104,028; Jan. 4.

Dupleix Printing Press Company, The. (See Dowell, Arthur E., assignor.)

Du Pont, E. I., de Nemours & Company. (See Bradshaw, Hamilton, assignor.)

Du Pont, E. I., de Nemours & Co. (See Gilbert, H. N., and Wernert, assignors.)

Du Pont, E. I., de Nemours & Company. (See Latham, George H., assignor.)

Du Pont, E. I., de Nemours & Company. (See Magill, P. L. F., and Dangelmajer, assignors.)

Du Pont, E. I., de Nemours & Company. (See Oplinger, Floyd F., assignor.)

Duro Metal Products Company. (See Hedgpeth, Theron L., assignee.)

Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,104,478; Jan. 4.

Eastman Kodak Company. (See Clement, Louis R., assignor.)

Eclipse Aviation Corporation. (See McNeil, C. L., and Zwack, assignors.)

Efco Manufacturing Company. (See Friedman, Irving, assignor.)

Eglof, Gustav, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,104,418; Jan. 4.

Einfalt, Georg, Nuremberg, Germany. Toy railway. 2,104,510; Jan. 4.

Electrolock Manufacturing Company. (See Hemingway, Wilson, Jr., assignor.)

Ellis, Ruell S., Vineland, N. J. Separating particles of solid material by flotation. 2,104,537; Jan. 4.

Engler, Otto, assignor to Schmidt'sche Heissdampf-Gesellschaft m. b. H., Cassel-Wilhelmshohe, Germany. Apparatus for generating steam. 2,104,613; Jan. 4.

Ensinger-Union-Werke A. G. (See Files, Hermann, assignor.)

Epley, Frederic L., assignor to The Superheater Company, New York, N. Y. Superheater. 2,104,155; Jan. 4.

Erbach, Fred R., assignor to General Refrigeration Corporation, Beloit, Wis. Automatic clutch for multiple V-belt drives. 2,104,074; Jan. 4.

Eshman, Louis A., Los Angeles, Calif. Hemostat. 2,104,029; Jan. 4.

Excel Auto Radiator Company. (See Sperry, Philmore F., assignor.)

Farnsworth, Philo T., San Francisco, Calif., assignor to Farnsworth Television Incorporated. Luminescent screen and use. 2,104,253; Jan. 4.

Farnsworth Television Incorporated. (See Farnsworth, Philo T., assignor.)

Farwell Ozmun Kirk & Co. (See Marsolf, George B., assignor.)

Faulhaber, Albert J. (See Wagener, C. R., and Faulhaber.)

Faulhaber, Roland W., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich. Saddle for cycles. 2,104,511; Jan. 4.

Feinberg, Herman, San Francisco, Calif. Utility cabinet. 2,104,223; Jan. 4.

Felt & Tarrant Mfg. Co. (See Niemann, Frederick A., assignee.)

Fergueson, Arthur P., assignor to Lyon Cover Company, Detroit, Mich. Tire cover. 2,104,166; Jan. 4.

Fidelity Trust Company et al., administrators. (See Hunter, P. E., and Nightingale.)

Filss, Hermann, assignor to Ensinger-Union-Werke A. G., Worms-on-the-Rhine, Germany. Filling device. 2,104,464; Jan. 4.

Fiedler, Stevenson, McKeesport, Pa., assignor to National Tube Company. Guide device. 2,104,117; Jan. 4.

Finfrock, John C., Kansas City, Mo. Self-shaking dust mop. 2,104,614; Jan. 4.

Fischer, Stefan, Prague, Czechoslovkia. Freewheeling clutch. 2,104,220; Jan. 4.

Fish, Charles T., Scituate, Mass. Attachment for lawn mowers. 2,104,343; Jan. 4.

Fisher, Adam J., Palisades Park, N. J., assignor to International Patents Development Company, Wilmington, Del. Can heading machine. 2,104,214; Jan. 4.

Fisher, Lloyd H., deceased, Wilmington, by A. B. Nixon, administrator, Holly Oak, assignor to Hercules Powder Company, Wilmington, Del. Blasting cap composition. 2,104,513; Jan. 4.

Fitch, Clyde J. (See Lemmon, W. S., and Fitch.)

Fitzgerald, Charles F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for attaching shoe soles. 2,104,115; Jan. 4.

Flynn, Joe M., Rutledge, Ala. Mixing apparatus. 2,104,191; Jan. 4.

Fogerty, Clifford W. (See Fogerty, Esther W., C. G., and C. W.)

Fogerty, Esther W., C. G., and C. W., Hialeah, Fla. Fireplace. 2,104,254; Jan. 4.

Food Machinery Corporation. (See Marsden, George P., assignee.)

Forbush, Augustus D., Pueblo, Colo. Air cooler. 2,104,119; Jan. 4.

Forcella, Pietro, Rome, Italy. Rail joint. 2,104,167; Jan. 4.

Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Power operated clutch and brake mechanism. 2,104,455; Jan. 4.

Ford, James W., Chicago, Ill. Orthodontic appliance. 2,104,192; Jan. 4.

Ford Motor Company. (See Ford, Henry, assignor.)

Ford Motor Company. (See Gilamb, Joseph, assignee.)

Ford Motor Company. (See Groven, Fredrick J., assignor.)

Ford Motor Company. (See Hahn, Charles L., assignor.)

Ford Motor Company. (See Peters, William H., assignor.)

Ford Motor Company. (See Sorensen, C. E., and McCarroll, assignors.)

Foxboro Company, The. (See Beal, A. G., and Holmberg, assignors.)

Frankel, Jacob W. (See Safir, Jacob A., assignor.)

Frankenthal, Alex M., et al. (See Landau, Charles, assignor.)

Franklin, Charles S., Poldhu, near Mullion, England, assignor to Radio Corporation of America. Radio direction finder. 2,104,075; Jan. 4.

Freda, Angelo R., Orange, N. J. Window cleaning device. 2,104,615; Jan. 4.

Freudenheim, Mendel E., assignor to L. Rubin, New York, N. Y. Fingerguard. 2,104,596; Jan. 4.

Frey, Frederick E., assignor to Phillips Petroleum Company, Bartlesville, Okla. Converting hydrocarbons. 2,104,206; Jan. 4.

Frick, Frederick F., and J. P. Cooper, Anaconda, Mont., assignors to Anaconda Copper Mining Company, New York, N. Y. Lead recovery. 2,104,076; Jan. 4.

Friedman, Irving, assignor to Efco Manufacturing Company, Newark, N. J. Watch cleaning machine. 2,104,456; Jan. 4.

Friedman, John H., assignor to The National Machinery Co., Tiffin, Ohio. Double stroke cold header. 2,104,297; Jan. 4.

Fruhauf, Gerhard. (See Willheim, R., and Fruhauf.)

Frye, Charles F., Chicago, Ill. Valve seat structure. 2,104,419; Jan. 4.

Fuchs, Karl, Nuremberg, Germany. Steerable and reversible toy vehicle. 2,104,305; Jan. 4.

Fyler, George W., Stratford, Conn., assignor to General Electric Company. High frequency receiver. 2,104,616; Jan. 4.

Gagnier, George R. (See Place, Elmo C., assignor.)

Galamb, Joseph, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Automobile body construction. 2,104,457; Jan. 4.

Gallagher, Daniel P., Hoboken, N. J. Incandescent lamp. 2,104,546; Jan. 4.

Galvin, Herbert D., Ewell, assignor to L. C. Engineering Supplies Limited, London, England. Cooling, heating, or like apparatus for treating tins of food or other articles. 2,104,514; Jan. 4.

Garbacchi, Lato J., North Bergen, N. J. Collapsible armchair. 2,104,265; Jan. 4.

Gas Fuel Corporation. (See Russell, Robert H., assignor.)

Gaugler, Frank A., Milwaukee, Wis., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio. Automatic oven lighter. 2,104,269; Jan. 4.

Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,457; Jan. 4.

Geisz, J. L., A. G. (See Treberu, Julst, assignee.)

General Aniline Works, Inc. (See Baumann, Fritz, assignor.)

General Aniline Works, Inc. (See Berthold, Hermann, assignor.)

General Aniline Works, Inc. (See Mihm, F., Keller, and Trichon, assignors.)

General Aniline Works, Inc. (See Schirm, Erik, assignor.)

General Chemical Company. (See Mullen, Edwin J., assignor.)

General Electric Company. (See Alexanderson, Ernst F. W., assignor.)

General Electric Company. (See Bedford, Barnaby D., assignor.)

General Electric Company. (See Doma, Robert B., assignee.)

General Electric Company. (See Druyvesteyn, M. J., and Warmoltz, assignors.)

General Electric Company. (See Fyler, George W., assignor.)

General Electric Company. (See Inman, George R., assignor.)

General Electric Company. (See Jones, Benjamin W., assignor.)

General Electric Company. (See Krejci, Robert J., assignor.)

General Electric Company. (See Metzger, Francis C., assignor.)

General Electric Company. (See Roberts, E. M., and Ellis, assignors.)

General Electric Company. (See Strickland, Royal F., assignor.)

General Electric Company. (See Willheim, R., and Fruhauf, assignors.)

General Motors Corporation. (See Alexander, D. F., Heaney, and Pealee, assignors.)

General Motors Corporation. (See Babitch, A. M., and Harry, assignors.)

General Motors Corporation. (See Bratten, Philip M., assignor.)

General Motors Corporation. (See Candor, E. R., and Alexander, assignors.)

General Motors Corporation. (See Gaugler, Richard S., assignor.)

General Motors Corporation. (See Halbleib, Edward A., assignor.)

General Motors Corporation. (See Hull, Harry B., assignor.)

General Motors Corporation. (See Hull, H. B., and Alexander, assignors.)

General Motors Corporation. (See Murden, William T., assignor.)

General Motors Corporation. (See Schweller, Edmund F., assignor.)

General Radio Company. (See Tuttle, William N., assignor.)

General Refrigeration Corporation. (See Erbach, Fred R., assignor.)

General Ribbon Mills, Inc. (See Stark, Joseph W., assignor.)

George, Henri, Paris, and G. Delpech, Clamart, assignors to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Electrical heating means. 2,104,551; Jan. 4.

George, Rose F., Seattle, Wash. Quick cleaning feeder for pens. 2,104,479; Jan. 4.

Gerstan, William, Brooklyn, N. Y. Cabinet. 2,104,231; Jan. 4.

Gerwig, Oscar L., Pittsburgh, Pa. Chain connecter. 2,104,182; Jan. 4.

Gesellschaft des Kohlen Naxos-Schmirgels Naxos-Union Schmirgel-Dampfwerk, Frankfurt a. M., Julius Pfungst. (See Grunedstein, Julius, assignor.)

Gifford, Whitney, assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,104,460; Jan. 4.

Gilbert, A. C., Company, The. (See Anketell, Edward N., assignor.)

Gilbert, Harvey N., and I. J. Wernert, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Co., Wilmington, Del. Bleaching composition. 2,104,130; Jan. 4.

Gilbert, Laura, Chicago, Ill. Heating cook stove. 2,104,617; Jan. 4.

Gilyea, Fred H., assignor to The Perfect Circle Company, Hagerstown, Ind. Piston ring expander. 2,104,220; Jan. 4.

Gleason, George A., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Manufacture of flexible conduit. 2,104,121; Jan. 4.

Gleason Works. (See Candee, Allan H., assignor.)

Gleave, Wilfrid W., Widnes, England, assignor to Imperial Chemical Industries Limited. Manufacture of halogenated derivatives of methane. 2,104,695; Jan. 4.

Globe-Union Inc. (See Caldwell, John T., assignor.)

Gleuten, Paul, Philadelphia, Pa. Micrometer gauge. 2,104,194; Jan. 4.

Goates, Lafayette T., Tulsa, Okla. Engine valve actuating device. 2,104,122; Jan. 4.

Goetz, Maurus T., assignor, by mesne assignments, to Teletypesetter Corporation, Chicago, Ill. Tape controlled apparatus. 2,104,030; Jan. 4.

Golden, Charles F., Denver, Ind. Blackboard instrument. 2,104,515; Jan. 4.

Goldsmith, Henry F., Longport, N. J. Knitted hair net construction. 2,104,533; Jan. 4.

Gommel, Dewey H. (See St. Clair, J. A., and Gommel.)

Gondolf, Nicholas J., New Orleans, La. Faucet. 2,104,640; Jan. 4.

Gonzalez, Miguel S., Mexico, D. F., Mexico. Gyro stabilizer. 2,104,220; Jan. 4.

Goodall, Robert. (See Dow, A. B., and Goodall.)

Goodman Manufacturing Company. (See Sloane, William W., assignor.)

Goreeline, Harry H. (See Blanck, F. C., Swanson, Mottern, Goreeline, and Nelson.)

Gorman, James C. (See Rapp, H. B., and Gorman.)

Goss Printing Press Company, The. (See Crafts, Curtis S., assignor.)

Gossett, Tolbert F., Birmingham, Ala. Bulletin board. 2,104,360; Jan. 4.

Gottschalk, Annie, administratrix. (See Gottschalk, J. W., and Grater.)

Gottschalk, John W., deceased, and A. W. Grater, Philadelphia, Pa.; said Grater assignor to said Gottschalk; A. Gottschalk administratrix of said J. W. Gottschalk. Making a coiled metallic strand. 2,104,713; Jan. 4.

Goudet, Hugo, and E. Schattaz, Paris, France, assignors to Compagnie Generale de Telegraphie sans Fil. Electric switch. 2,104,458; Jan. 4.

Government of the United States of America, as represented by the Secretary of Commerce. (See Dunmore, Francis W., assignor.)

Government of the United States of America, represented by the Secretary of War. (See Jolliffe, John P., assignor.)

Government of the United States of America, represented by the Secretary of the Treasury. (See Russell, Lyndon F., assignor.)

Graber, Christian L., Lakewood, Ohio. Carburetor. 2,104,031; Jan. 4.

Graber, Christian L., Lakewood, Ohio. Flask. 2,104,704; Jan. 4.

Graemacher, Charles. (See Haller, E., and Graemacher.)

Grahame, James H. (See Stryker, D., and Grahame.)

Grater, Sylvester W. (See Gottschalk, J. W., and Grater.)

Gray Telephone Pay Station Company, The. (See Long, George A., assignor.)

Gray Tool Company. (See Yancey, John R., assignor.)

Great Lakes Concrete Pipe Co. Inc. (See Cummings, William F., assignor.)

Green, Charles W., Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 2,104,598; Jan. 4.

Green, Clifford H., Grand Rapids, Mich., assignor to Automatic Instrument Company. Automatic phonograph. 2,104,022; Jan. 4.

Greenough F. York, England. Lubricating preparation. 2,104,641; Jan. 4.

Green, Samuel G., Gray, Ga. Bolt operating mechanism for machine guns. 2,104,033; Jan. 4.

Greene, Gertrude L., Corona, Calif. Measuring device. 2,104,642; Jan. 4.

Greensalade, Grover R., Scott Township, Allegheny County, Pa., assignor to Pittsburgh Dry Stencil Company. Testing and apparatus therefor. 2,104,643; Jan. 4.

Greensalade, Grover R., Scott Township, Allegheny County, Pa., assignor to Pittsburgh Dry Stencil Company. Methods of testing and apparatus therefor. 2,104,644; Jan. 4.

Greensalade, Grover R., Scott Township, Allegheny County, Pa., assignor to Pittsburgh Dry Stencil Company. Testing boiler staybolts. 2,104,645; Jan. 4.

Greensalade, Grover R., Scott Township, Allegheny County, Pa., assignor to Pittsburgh Dry Stencil Company. Testing. 2,104,646; Jan. 4.

Groeling, Charles, Chicago, Ill., assignor to Parke, Davis & Company, Detroit, Mich. Carton. 2,104,195; Jan. 4.

Grosse, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,104,481; Jan. 4.

Grogan, Edgar N., Raleigh, N. C. Radiator siphon trap. 2,104,367; Jan. 4.

Groskopf, Edwin O., Rutherford, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Aqueous emulsion of waterproofing material. 2,104,077; Jan. 4.

Grosse, Aristid V. (See Ipatieff, V., and Grosse.)

Grosser, Nelson O., Prince Albert, Saskatchewan, Canada. Automatic feed drill. 2,104,123; Jan. 4.

Groves, Frederick J., Highland Park, assignor to Ford Motor Company, Dearborn, Mich. Electric switch. 2,104,420; Jan. 4.

Grün, Adolf, Basel, Switzerland, assignor, by mesne assignments, to Bohme Fettchemie-Gesellschaft m. b. H., Chemnitz, Germany. Production of amines of high molecular weight. 2,104,421; Jan. 4.

Grundstein, Julius, assignor to Gesellschaft des Ichten Naxos-Schmirgels Naxos-Union Schmirgel-Dampfwerk, Frankfort a. M., Julius Pfungst, Frankfort-on-the-Main, Germany. Machine tool. 2,104,299; Jan. 4.

Guaranteed Parts, Inc. (See Dodge, Sherwood O., assignor.)

Guggenheim, Max M., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Cooling drum. 2,104,558; Jan. 4.

Gulf Research & Development Company. (See Kennedy, H. T., and Wescott, assignors.)

Gutmann, Ferdinand, & Co. (See Gutmann, Jesse, assignor.)

Gutmann, Jesse, Babylon, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Container and making same. 2,104,322; Jan. 4.

Guyer, Harry C., Charleston, W. Va. Apparel supporting device. 2,104,368; Jan. 4.

Gysi, Alfred, Zurich, Switzerland, assignor to The Dentists' Supply Company of New York, New York, N. Y. Artificial teeth. 2,104,459; Jan. 4.

H & H Machine & Motor Parts Co. (See Holhut, M., and Vollmer, assignors.)

Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Door stop and check. 2,104,124; Jan. 4.

Hächer, Walter, Sindelfingen, near Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Motor car. 2,104,539; Jan. 4.

Hadler, Bartholdt C. (See Coleman, G. H., Hadler, and Zuchermandel.)

Hage, Olof A., Goteborg, Sweden. Combination lock. 2,104,516; Jan. 4.

Hagelin, William T., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Planographic printing plate and using same. 2,104,126; Jan. 4.

Hain, Clifford E., Omaha, Nebr. Electric vacuum sweeper nozzle attachment. 2,104,125; Jan. 4.

Halbach, Howard L., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass drawing apparatus. 2,104,460; Jan. 4.

Halbleib, Edward A., assignor to General Motors Corporation, Rochester, N. Y. Heating and ventilating of passenger cars. 2,104,394; Jan. 4.

Haller, Robert, Rieben, and C. Graenacher, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Obtaining colored discharge effects on dyeings. 2,104,300; Jan. 4.

Halliburton Oil Well Cementing Company. (See Owsley, William D., assignor.)

Hambeck, Joseph, New York, N. Y. Picture stand. 2,104,256; Jan. 4.

Hamel, Wilhelm, assignor to Carp's Handelsbureau voor Aviatiek en Scheepsmaken N. V., Amsterdam, Netherlands. Coin controlled vending apparatus for ice cream packages. 2,104,034; Jan. 4.

Hamlin, Marston L., Lynbrook, assignor to The Barrett Company, New York, N. Y. Interlocking flexible shingle. 2,104,078; Jan. 4.

Hanna, William T., Cincinnati, Ohio. Stoker for locomotives. 2,104,035; Jan. 4.

Hanson, Carl, Leer, assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich. Saddle for cycles. 2,104,512; Jan. 4.

Hanson, Milton E., Collingswood, N. J., assignor to B. F. Sturtevant Company, Inc., Hyde Park, Boston, Mass. Refrigeration drive. 2,104,690; Jan. 4.

Harmon, Dewey E., Dallas Center, Iowa. Disposable duster brush. 2,104,196; Jan. 4.

Harnischfeger Corporation. (See Bates, Jesse H., assignor.)

Harris, Gordon D., Stamford, Conn., assignor, by mesne assignments, to Wurton Machine Company, Philadelphia, Pa. Continuous treatment of materials. 2,104,036; Jan. 4.

Harris, William A., Oreland, Pa., assignor to The Texas Company, New York, N. Y. Manufacturing roofing elements. 2,104,384; Jan. 4.

Harry, Gordon W. (See Babitch, A. M., and Harry.)

Hartman, Frank W., Detroit, Mich. Refrigerating apparatus. 2,104,589; Jan. 4.

Hasenfuss, William, Amsterdam, N. Y. Riot lock. 2,104,618; Jan. 4.

Haughey, Joshua A., Burlington, Colo. Glass cutting rule. 2,104,301; Jan. 4.

Hedgpeth, Theron L., Oak Park, assignor to Dure Metal Products Company, Chicago, Ill. Work guide for woodworking machines. 2,104,158; Jan. 4.

Heerde, Alfred, Breslau, Germany. Rotary engine with gyratory piston. 2,104,517; Jan. 4.

Helchert, Herman S., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Plate glass transfer and turn-over apparatus. 2,104,422; Jan. 4.

Heintz, Ralph M., Palo Alto, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Valve cap. 2,104,257; Jan. 4.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,104,482; Jan. 4.

Hemingway, Wilson, Jr., Chicago, Ill., assignor to Electrolock Manufacturing Company, Vicksburg, Miss. Starter switch control. 2,104,159; Jan. 4.

Hemphill Company. (See Lawson, Robert H., assignor.)

Hendrey, Walderee B., Beacon, assignor to The Texas Company, New York, N. Y. Radiator cleaning composition. 2,104,385; Jan. 4.

Hengel, Karl, Berlin, Germany. Adjusting device, in particular electrical condenser. 2,104,160; Jan. 4.

Henley, Harry F., Richmond, Ind. Grappling tongs. 2,104,302; Jan. 4.

Henney, Charles F. (See Alexander, D. F., Henney, and Paulus.)

Henry, George W., Jr., assignor to Scabar Company, Philadelphia, Pa. Ticket printing machine. 2,104,647; Jan. 4.

Hercules Powder Company. (See Fisher, Lloyd H., assignor.)

Hewitt, George W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Preservative and contact coat for light-sensitive devices. 2,104,483; Jan. 4.

Heymann, Roy D., Woodbridge, Conn., assignor, by mesne assignments, to Pulp Products Company, Inc., New York, N. Y. Closure for fiber containers. 2,104,344; Jan. 4.

Hickey, Lawrence, Coffeyville, Kans. Camp house. 2,104,648; Jan. 4.

Hickman, William B., Kansas City, Mo. Air draft and smoke consumer. 2,104,127; Jan. 4.

Hill, Henry C., Paterson, N. J., assignor to Wright Aeronautical Corporation. Fluid metering device. 2,104,590; Jan. 4.

Hillis, James L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Clutch mechanism for typewriting machines. 2,104,550; Jan. 4.

Hinckley-Myers Company. (See Osborn, John W., assignor.)

Hingeco Vanities Inc. (See Johnson, Frits R., assignor.)

Hinton, Edward M., Drexel Hill, Pa. Accelerator governor. 2,104,649; Jan. 4.

Hintze, Harry. (See Dolphi, J. J., and Hintze.)

Hirschberg, Charles A., Mountain Lakes, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Portable drilling rig. 2,104,823; Jan. 4.

Hirschberger, Willy. (See Pier, M., Hirschberger, and Lemme.)

Hoak, Clarence B., Steubenville, Ohio. Normalising furnace. 2,104,518; Jan. 4.

Hockensmith, Wilbur D., Jr., Irwin, Pa. Mine car. 2,104,395; Jan. 4.

Hoe, R., & Co. (See Zuckerman, Adolph M., assignor.)

Hoeseman, Henry W., Gibsonburg, Ohio. Dinner pail and egg crate. 2,104,650; Jan. 4.

Hoffman, Carl C., Jr., assignor to Carl C. Hoffman, Inc., St. Louis, Mo. Nail polish applicator. 2,104,651; Jan. 4.

Hoffman, Carl C., Inc. (See Hoffman, Carl C., Jr., assignor.)

Hoffman, John. (See Levy, Sid, assignor.)

Hoffman, Joseph C., Yonkers, N. Y. Closure for containers. 2,104,540; Jan. 4.

Holhut, Michael, and W. G. Vollmer, assignors to H & H Machine & Motor Parts Co., St. Louis, Mo. Valve-stem grinding and fitting device. 2,104,345; Jan. 4.

Hollingsworth, R. Lee, Riverhead, N. Y., assignor to Radio Corporation of America. System of compensating automatic volume control. 2,104,324; Jan. 4.

Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation system. 2,104,541; Jan. 4.

Holm, Charles L., assignor to Ford Motor Company, Dearborn, Mich. Automobile fuel tank. 2,104,461; Jan. 4.

Holmberg, Bernard. (See Beal, A. G., and Holmberg.)

Holmes, Dan O. (See Barr, C. D., and Holmes.)

Holmes, Eric L. (See Adams, B. A., and Holmes.)

Honaman, Richard K., Bloomfield, and L. K. Swart, Mountain Lakes, N. J., assignors to American Telephone and Telegraph Company. Gas discharge tube delay circuit. 2,104,128; Jan. 4.

Hone, Henry, et al. (See Robinson, Frederick W., assignor.)

Hopkan Rivet Company. (See Hoppenstand, David, assignor.)

Hoppenstand, David, assignor to Hopkan Rivet Company, Inc., Pittsburgh, Pa. Inking device. 2,104,396; Jan. 4.

Hopwood, John M. (See Colston, Robert, assignor.)

Horowitz, Lillian, New York, N. Y. Health belt. 2,104,560; Jan. 4.

Horowitz, Louis, Brooklyn, N. Y., assignor of one-half to Abraham Wilkow. Adjustable strap for leggings, gaiters and the like. 2,104,369; Jan. 4.

Hospo, Inc. (See Crockett, William P., and W. P., Jr., assignors.)

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Preparing body blanks for tearing strip containers. 2,104,037; Jan. 4.

Houghland, Albert C., assignor to Crane Company of Minnesota, St. Paul, Minn. Churn. 2,104,462; Jan. 4.

Howard, Guy C., Company, et al. (See Sandborn, Lloyd T., assignor.)

Howard, Paul N., Seattle, Wash. Ladder construction. 2,104,303; Jan. 4.

Hughes, Grover A., assignor to Truscon Steel Company, Youngstown, Ohio. Supporting apparatus for welding operation. 2,104,561; Jan. 4.

Hughes, James L., Oklahoma City, Okla. Catamenial sack. 2,104,423; Jan. 4.

Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,386; Jan. 4.

Hull, Harry B., and D. F. Alexander, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,387; Jan. 4.

Hull, Wilson R., East Orange, N. J., assignor to American Can Company, New York, N. Y. Sheet gauging device. 2,104,038; Jan. 4.

Hunter, James, Machine Company, The. (See Morrill, Frank B., assignor.)

Hunter, Percy E., deceased, Pittsburgh, and E. Nightingale, Haysville; L. T. Copeland and Fidelty Trust Company, administrators, assignors to Hunter Steel Company, Pittsburgh, Pa. Sawing apparatus. 2,104,258; Jan. 4.

Hunter Steel Company. (See Hunter, P. E., and Nightingale, assignors.)

Hunter, William L., assignor to Northern Equipment Company, Erie, Pa. Valve. 2,104,039; Jan. 4.

Hurd, John C. H. (See Spiera, E., and Hurd.)

Hurd, Norman B., Newington, assignor to The American Hardware Corporation, New Britain, Conn. Cylinder lock. 2,104,397; Jan. 4.

Hurn, James E., La Porte, Ind., assignor to De Luxe Products Corporation. Oil shut-off. 2,104,519; Jan. 4.

Hurt, George F., New York, N. Y. Refuse incineration. 2,104,040; Jan. 4.

Hydraulic Brake Company. (See Bowen, Herbert C., assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Brodersen, Karl, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., Hirschberger, and Lemme, assignors.)

Ideal Electric and Manufacturing Company, The. (See Milliken, Frank H., assignor.)

Imperial Chemical Industries Limited. (See Baird, William, assignor.)

Imperial Chemical Industries Limited. (See Baxter, J. P., Montgomery, and Moore, assignors.)

Imperial Chemical Industries Limited. (See Gleave, Wilfrid W., assignor.)

Industrial Patents Corporation. (See Campbell, Melvin M., assignor.)

Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Electric discharge device. 2,104,652; Jan. 4.

International Business Machines Corporation. (See Hillis, James L., assignor.)

International Business Machines Corporation. (See Lake, Clair D., assignor.)

International Business Machines Corporation. (See Lemon, Walter S., assignor.)

International Business Machines Corporation. (See Lemon, W. S., and Fitch, assignors.)

International Business Machines Corporation. (See Nichols, Harry J., assignor.)

International Business Machines Corporation. (See Nichols, H. J., and Tholstrup, assignors.)

International Business Machines Corporation. (See Noll, Austin R., assignor.)

International Business Machines Corporation. (See Pennell, L. P., Stone, and Naylor, assignors.)

International Corset Company. (See Schopbach, C. H., and Babcock, assignors.)

International Patents Development Company. (See Fisher, Adam J., assignor.)

International Postal Supply Company, The. (See Persson, Ernst, assignor.)

International Postal Supply Company, The. (See Royce, A. A., and Beyer, assignors.)

International Postal Supply Company, The. (See Zahn, Lawrence J., assignor.)

Ipatieff, Vladimir, and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of aromatic derivatives. 2,104,424; Jan. 4.

Jackson, David D., Providence, R. I., and E. W. Tefft, South Attleboro, Mass. Gauge. 2,104,521; Jan. 4.

Jackson, David D., Providence, R. I., and E. W. Tefft, South Attleboro, Mass., assignors to Tefft-Jackson, Incorporated, Pawtucket, R. I. Gauge. 2,104,520; Jan. 4.

Jacobsen Manufacturing Company. (See Pol, J. B., and Krenske, assignors.)

Janney, John B., Philadelphia, Pa., assignor, by mesne assignments, to American Sales Book Company, Inc. Paper web support. 2,104,484; Jan. 4.

Jenkins, N. Avery. (See O'Dell, Leonard R., assignor.)

Jester, Edward L. (See Pelton, G. E., and Jester.)

Johansen, Michal A., Oslo, Norway. Screw press. 2,104,197; Jan. 4.

Johansen, Rolf H., Olso, Norway. Carrying-fixture, especially for knapsacks. 2,104,486; Jan. 4.

Johansson, Erik H. E., Stockholm, Sweden. Soldering, welding and coating metals. 2,104,370; Jan. 4.

Kohnle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Price tag. 2,104,698; Jan. 4.

Johnson, Alvin L. (See Adell, John A., assignor.)

Johnson, Bror A. E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Method and apparatus for manufacturing collapsible tubes. 2,104,485; Jan. 4.

Johnson, Frits R., assignor to Hingeco Vanities Inc., Providence, R. I. Locking catch. 2,104,562; Jan. 4.

Johnson, Irene G., Brooklyn; N. Y., and W. N. Lurcott, Elizabeth, N. J.; said Lurcott assignor to said Johnson. Butter dispenser. 2,104,041; Jan. 4.

Johnson, John B., Millburn, N. J., and F. W. Kammerer, assignors to Bell Telephone Laboratories, Incoporated, New York, N. Y. Source of variable high direct potential. 2,104,463; Jan. 4.

Johnson, Nels, Chicago, Ill. Toilet seat. 2,104,653; Jan. 4.

Jolliffe, John P., Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War. Automatic control mechanism for fish lock drainage. 2,104,042; Jan. 4.

Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 2,104,654; Jan. 4.

Jones, Clevoe, assignor to Detroit Dental Manufacturing Company, Detroit, Mich. Magnifying and illuminating device. 2,104,198; Jan. 4.

Jones, Frank D., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Baling press. 2,104,199; Jan. 4.

Jones, Louis B., Polo, Ill. Insect shield for automobiles. 2,104,655; Jan. 4.

Jones, Richard W., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,104,522; Jan. 4.

Judd, Gene J., Indianapolis, Ind. Furnace. 2,104,227; Jan. 4.

Juffa, Wilhelm, Ilmenau, Germany. Mixing pipette. 2,104,325; Jan. 4.

Jungers, John, assignor to Jungers Stove and Range Company, Grafton, Wis. Heater. 2,104,592; Jan. 4.

Jungers Stove and Range Company. (See Jungers, John, assignor.)

Jussen, Herbert C., and V. V. Malcolm, Mariemont, Ohio, assignors to The Philip Carey Manufacturing Company. Expansion joint. 2,104,371; Jan. 4.

Kahn, Julian S., New York, N. Y. Fraud detector. 2,104,079; Jan. 4.

Kales, Josef, Stuttgart, Germany. Generator and/or starting motor for motor vehicles. 2,104,259; Jan. 4.

Kalish, Ralph, et al. (See Landau, Charles, assignor.)

Kallfels, George. (See Menapace, J. C., and Kallfels.)

Kamborian, Jacob S., West Newton, assignor to Northern Machine Co., Inc., Boston, Mass. Lasting footwear. 2,104,228; Jan. 4.

Kammerer, Fred W. (See Johnson, J. B., and Kammerer.)

Kaplan, Jacob, assignor to Ben-Burk, Inc., Boston, Mass. Manufacture of rock and rye. 2,104,304; Jan. 4.

Karageorgieff, Cristoph, Vienna, Austria. Tapping and refill-controlling device. 2,104,080; Jan. 4.

Karwat, Ernst. (See Lennings, W., and Karwat.)

Kassner, Ernst E. W., assignor to Universal Inventions Limited, London, England. Electric lamp. 2,104,697; Jan. 4.

Keller, Karl. (See Müns, F., Keller, and Tribelen.)
Kelly, Benjamin W. (See Bice, W. B., and Kelly.)
Kelly, Joseph F., assignor to Kelly Oil Sales Corporation, Arlington, Mass. Boiler. 2,104,229; Jan. 4.
Kelly Oil Sales Corporation. (See Kelly, Joseph F., assignor.)
Kemp, James P., Baltimore, Md. Refrigeration apparatus. 2,104,260; Jan. 4.
Kennedy, Harvey T., Forest Hills, and B. W. Wescott, Oakmont, Pa., assignors to Gulf Research & Development Company. Treatment of wells. 2,104,488; Jan. 4.
Kenney, John A., Plainfield, N. J., assignor to The Barrett Company, New York, N. Y. Laminated sheet and making same. 2,104,081; Jan. 4.
Kennison, Frank, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Safety device. 2,104,043; Jan. 4.
Kerrick, Walter B., Los Angeles, assignor, by mesne assignments, to Clayton Manufacturing Company, Alhambra, Calif. Apparatus and method for treatment of liquids. 2,104,705; Jan. 4.
Kessler, Frederick C., Rutherford, N. J. Garment. 2,104,437; Jan. 4.
Keystone Controls, Inc. (See Stedwell, George W., assignor.)
Kilman, Robert T., Nashville, Tenn. Can opener. 2,104,420; Jan. 4.
King, Orville D., Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Method and apparatus for the decoration of elongated surfaces. 2,104,044; Jan. 4.
Kinkead, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse repeater. 2,104,426; Jan. 4.
Kirschbraun, Lester, assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Building material and making same. 2,104,082; Jan. 4.
Kiss, John, Cleveland, Ohio. License plate carrier. 2,104,230; Jan. 4.
Klahre, Hugo A., Teaneck, N. J., assignor to Consolidated Trimming Corporation, New York, N. Y. Automatic loop feed for machines for applying ornamentation to header loops. 2,104,398; Jan. 4.
Klangfim G. m. b. H. (See Schwarz, Karl, assignor.)
Klassen, Harry G., Chicago, Ill. Rotary match lighter. 2,104,484; Jan. 4.
Knapp, Otto A., Oakland, Calif. Electric hot water range. 2,104,045; Jan. 4.
Knox, Elmer J., Rivera, Calif. Two cycle internal combustion motor. 2,104,326; Jan. 4.
Köhler, Willem C., Amsterdam, Netherlands, and A. Meesterer, Dortmund, Germany. Hollow pile for sheet pilings. 2,104,490; Jan. 4.
Kopp, Carl J., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Welding control apparatus. 2,104,300; Jan. 4.
Koppers Company. (See Koppers, Heinrich, assignor.)
Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Heater for gaseous media. 2,104,201; Jan. 4.
Kossell, Gustav. (See Boser, J. E., and Kossel.)
Kotsebue, Meinhard H., Tulsa, Okla. Recovering earth components from wells. 2,104,327; Jan. 4.
Kotsebue, Meinhard H., Tulsa, Okla. Recovering earth components from wells. 2,104,328; Jan. 4.
Koukal, Louis, New York, N. Y. Window glass cleaning implement. 2,104,161; Jan. 4.
Kraeft, Herman L., assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Juvenile vehicle. 2,104,246; Jan. 4.
Krag, Erik L., assignor of one-tenth to E. J. Andrews, Chicago, Ill. Loose leaf binder. 2,104,046; Jan. 4.
Krahl, Steve, Weimar, Tex. Trap for rodents. 2,104,063; Jan. 4.
Kratz, George, Jamaica, N. Y. Alarm. 2,104,202; Jan. 4.
Kreidl, Alexander, Vienna, Austria. Pretreating iron surfaces. 2,104,427; Jan. 4.
Krejci, Robert F., Cleveland Heights, Ohio, assignor to General Electric Company. Wire tension controlling device. 2,104,656; Jan. 4.
Krenske, William F. (See Pol, J. B., and Krenske.)
Kress, Claud W., New York, N. Y. Handgrip especially adapted for guns. 2,104,129; Jan. 4.
Krupp, Fried., Aktiengesellschaft. (See Rosenbaum, Kurt, assignor.)
Kuhn, Clarence W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,104,399; Jan. 4.
Kunze, Frank A. Woodhaven, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone booth. 2,104,425; Jan. 4.
Kurlbaum, Georg, assignor to Telefunken-Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Temperature regulation. 2,104,543; Jan. 4.
Kury, Philip J. (See Brewer, Charles A., assignor.)
L. C. Engineering Supplies Limited. (See Galvin, Herbert D., assignor.)
La Bombard, Leon E., assignor to Oswego Falls Corporation, Fulton, N. Y. Machine for arranging disks having peripheral projections in a predetermined order. 2,104,657; Jan. 4.
Lake, Clair D., Binghamton, assignor to International business Machines Corporation, New York, N. Y. Automatic punching machine. 2,104,542; Jan. 4.
Lamberty, Frederick R. (See Bowne, L. J., Lamberty, and Stokely.)
Lamson General Conveyors, Limited. (See Needham, John T., assignor.)
Landau, Charles, Cleveland, Ohio, assignor of one-tenth to R. Kalish, eight-tenths to M. Landau, and one-tenth to A. M. Frankenthal, St. Louis, Mo. Curtain support. 2,104,261; Jan. 4.
Landau, Morris, et al. (See Landau, Charles, assignor.)
Langdon, Alfred G., Northam, Southampton, assignor to The Climax Rock Drill & Engineering Works Limited, London, England. Clutch and reverse gear. 2,104,658; Jan. 4.
Lanyi, Stephen, Passaic Park, N. J. Dust suction device for cleaning fur clothing, etc. 2,104,400; Jan. 4.
Lapp, Grover W. (See Van Rosen, H., and Lapp.)
Larkin, Elwood T., Eggertsville, assignor to C. A. Criqui, Buffalo, N. Y. Piston. 2,104,247; Jan. 4.
Larson, Julia. (See Carr, Sidney L., assignor.)
Lassiter, Alwyn D., Philadelphia, Pa. Talking motion picture apparatus. 2,104,428; Jan. 4.
Latham, George H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of animal and vegetable fats and oils. 2,104,064; Jan. 4.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting machine. 2,104,231; Jan. 4.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting machine. 2,104,232; Jan. 4.
Le Blond, R. K., Machine Tool Company, The. (See Greene, William F., assignor.)
Lee, John, Zurich, Switzerland, assignor to E. R. Squibb & Sons, New York, N. Y. Indaselones 2,104,348; Jan. 4.
Lehmann, Rudolf, assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Nemcaking smoked salt and making the same. 2,104,619; Jan. 4.
Leigh Banana Case Company. (See Leigh, Carl G., assignor.)
Leigh, Carl G., assignor to Leigh Banana Case Company, Chicago, Ill. Basket cover. 2,104,262; Jan. 4.
Leinweber, William H., Chicago, Ill. Blower. 2,104,233; Jan. 4.
Leland, Ira S., Milwaukee, Wis. Mounting means for glass veneer. 2,104,085; Jan. 4.
Lemme, Heinz. (See Pier, M., Hirschberger, and Lemme.)
Lemmon, Walter B., assignor to International Business Machines Corporation, New York, N. Y. Signaling system. 2,104,543; Jan. 4.
Lemmon, Walter B., New York, N. Y., and C. J. Fitch, Jersey City, N. J., assignors to International Business Machines Corporation, New York, N. Y. Image transmission system. 2,104,544; Jan. 4.
Lenhart, Harold C., assignor to McMillan Book Company, Syracuse, N. Y. Loose leaf binder. 2,104,659; Jan. 4.
Leunings, Wilhelm, Oberhausen, and R. Karwat, Grosshesselohe, near Munich, Germany, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Simultaneous production of iron and Portland cement in a blast furnace. 2,104,564; Jan. 4.
Levy, Sid, assignor to J. Hoffman, San Francisco, Calif. Girdle. 2,104,203; Jan. 4.
Levy, Sidney H., Baltimore, Md. Tip for cigarettes. 2,104,329; Jan. 4.
Lewis, Elmer, Kansas City, Mo. Electric cooker. 2,104,465; Jan. 4.
Lewis, John D., Youngstown, Ohio. Tank holding cage. 2,104,130; Jan. 4.
Liberty Mirror Works. (See Ponce, Lucien G., assignor.)
Lichtenstein, Leo, Chicago, Ill. Package dispensing device. 2,104,523; Jan. 4.
Linen, Vance, Pasadena, Calif. Joint filling device. 2,104,086; Jan. 4.
Linne, August C., Indianapolis, Ind. Valve stem clearance check. 2,104,234; Jan. 4.
Linsell, Alfred A., Sydenham, London, England, assignor to Radio Corporation of America. Automatic volume control. 2,104,087; Jan. 4.
Lipsner, Benjamin B., Chicago, Ill. Massage device. 2,104,429; Jan. 4.
Lobdell-Emery Manufacturing Company, The. (See Faulhaber, Roland W., assignor.)
Lobdell-Emery Manufacturing Company, The. (See Hanson, Carl, assignor.)
Lockey, James, Great Burgh, Epsom, England, assignor to Standard Brands Incorporated, New York, N. Y. Aerating device. 2,104,330; Jan. 4.
Long, Alfred B., and L. R. Stagg, Jr., Beaumont, Tex. Oil and gas well protective device. 2,104,660; Jan. 4.
Long, Ernest K., Baltimore, Md. Apparatus for predicting air resistance of fibrous articles. 2,104,047; Jan. 4.
Long, George A., assignor to The Gray Telephone Pay Station Company, Hartford, Conn. Machine for forming coin cages. 2,104,420; Jan. 4.
Lower, Nathan M. Tuckahoe, assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), New York, N. Y. Fuel distributing apparatus. 2,104,706; Jan. 4.
Lubbers & Bell Manufacturing Company. (See Bell, Charles L., assignor.)

Ludwick, Herbert V., Dearborn, Mich. Safety attachment for truck wheels. 2,104,506; Jan. 4.
Lummus Company, The. (See Owen, William L., assignor.)
Lunow, Arthur A., Silver Lake, Minn. Cup mouthpiece for brass instruments. 2,104,286; Jan. 4.
Lurcott, Winfred N. (See Johnson, I. G., and Lurcott.)
Lyman, Samuel E., Elizabeth, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Time controlled means for distributing air. 2,104,068; Jan. 4.
Lyon Cover Company. (See Fergueson, Arthur P., assignor.)
Lyon, George A., assignor to Lyon Incorporated, Detroit, Mich. Tire cover. 2,104,228; Jan. 4.
Lyon Incorporated. (See Lyon, George A., assignor.)
Lyons, Clyde O., Des Moines, Iowa. Stud. 2,104,263; Jan. 4.
MacCamy, Harry J., assignor to Union Iron Works, Spokane, Wash. Ore separator. 2,104,249; Jan. 4.
MacElvoy, Warren J., Newark, N. J. Garage door mounting. 2,104,490; Jan. 4.
Macklind, William R., Chicago, Ill. Centrifugal separator. 2,104,162; Jan. 4.
Magill, Paul L. P., and C. Dangelmajer, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Paint composition. 2,104,564; Jan. 4.
Malcolm, Vincent M. (See Jansen, H. C., and Malcolm.)
Maloff, Ioury G., Philadelphia, Pa., assignor to Radio Corporation of America. Electron tube. 2,104,566; Jan. 4.
Manchu Storage Battery Locomotive Company. (See Stolts, Charles E., assignor.)
Manley, Robert E., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oil. 2,104,667; Jan. 4.
Manly, Howard P., to Manly Jail Works, Dalton, Ga. Safety locking and operating system for cell doors. 2,104,661; Jan. 4.
Manly Jail Works. (See Manly, Howard P., assignor.)
Maranso, Fred, assignor to Union Machinery Company, Joliet, Ill. Proofer tray. 2,104,481; Jan. 4.
Maranso, Fred, assignor to Union Machinery Company, Joliet, Ill. Dough divider. 2,104,432; Jan. 4.
Marathon Paper Mills Company, et al. (See Sandborn, Lloyd T., assignor.)
Marble, Louis M., Canton, Pa. Garment hanger. 2,104,305; Jan. 4.
Marks, Herbert E., Sewickley, Pa. Panel structure. 2,104,089; Jan. 4.
Marsden, George P., assignor to Food Machinery Corporation, San Jose, Calif. Clutch mechanism. 2,104,285; Jan. 4.
Marshall, James P., Auburn, N. Y. Shoe construction. 2,104,048; Jan. 4.
Marshall, Robert N., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,104,423; Jan. 4.
Martin, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,104,691; Jan. 4.
Martinez, Juan J., and D. S. Cast, Mexico, D. F., Mexico. Security locking device. 2,104,204; Jan. 4.
Marsolf, George B., assignor to Farwell Ozmun Kirk & Co., St. Paul, Minn. Refrigerating dispenser for beverages. 2,104,466; Jan. 4.
Marsolf, George B., assignor to Farwell Ozmun Kirk & Co., St. Paul, Minn. Liquid refrigerating dispenser. 2,104,467; Jan. 4.
Matthews, George A., assignor to The Detroit Edison Company, Detroit, Mich. Alternating current system of distribution. 2,104,131; Jan. 4.
Matthies, August, Ilsenburg-Harz, Germany. Reclining couch for use in motor vehicles. 2,104,372; Jan. 4.
Mauterer, Arthur. (See Köhler, W. C., and Mauterer.)
Mayer, Hans. (See Straub, F., and Mayer.)
McCarroll, Russell H. (See Sorensen, C. H., and McCarroll.)
McClure, Arthur W., assignor to McMillan Book Company, Syracuse, N. Y. Loose leaf binder. 2,104,568; Jan. 4.
McCormick, Charles G., Queens Village, N. Y., and P. W. Shoutsley, Mountain Lakes, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Connecting block and jack assembly 2,104,424; Jan. 4.
McCormick, William J., Toronto, Ontario, Canada. Production and inhalation of tobacco fumes. 2,104,266; Jan. 4.
McDonell, Rob R. (See Nibecker, P. B., and McDonell.)
McDonough, E. G., et al. (See Robinson, Frederick W., assignor.)
McGillicuddy, Frank E., and M. P. Mechler, Cleveland, Ohio. Antitheft device for gasoline tanks. 2,104,132; Jan. 4.
McJunkin, Paul, Wrightsville, Pa., assignor to The Texas Company, New York, N. Y. Grease testing machine. 2,104,163; Jan. 4.
McKinney, Robert S., Chevy Chase, Md., dedicated to the free use of the People of the United States of America. Adhesive. 2,104,491; Jan. 4.
McKinnon, Thomas J., Jr., Mission, Tex. Match book. 2,104,621; Jan. 4.
McLaurin-Jones Co. (See Davis, Lewis, assignor.)
McLeod, George H., Auckland, New Zealand. Screw propeller. 2,104,206; Jan. 4.
McMillan Book Company. (See Lenhart, Harold C., assignor.)
McMillan Book Company. (See McClure, Arthur W., assignor.)
McNeil, Charles I., Bloomfield, and R. T. Zwack, assignors to Eclipse Aviation Corporation, East Orange, N. J. Measuring apparatus. 2,104,373; Jan. 4.
Mechanical Development Co. (See Sabins, Rolland C., assignor.)
Meek, John M., New York, N. Y. Window construction. 2,104,369; Jan. 4.
Meeks, Anson J. and L. W., Hillsdale, Mich. Canopy for brooder stoves. 2,104,662; Jan. 4.
Meeks, Louie W. (See Meeks, Anson J. and L. W.)
Mees, Frank S., Lynn, Mass. Insole. 2,104,133; Jan. 4.
Melin, William, Detroit, Mich. Fixture for milling machines. 2,104,267; Jan. 4.
Mellebrand, Ferdinand, Detroit, Mich. Window latch. 2,104,124; Jan. 4.
Menapace, Joseph C., and G. Kallfels, Syracuse, N. Y. Dough divider. 2,104,205; Jan. 4.
Mendive, Anthony J., Houston, Tex. Clamp and scaffold for welding operations. 2,104,622; Jan. 4.
Menier, Mario T. (See Ronda, C. J., and Menier.)
Merkel, Erich, Wuppertal-Barmen, and C. Wiegand, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Light filter. 2,104,493; Jan. 4.
Mermer, Irving L., Yonkers, N. Y. Indicating closure for bottles. 2,104,236; Jan. 4.
Metzger, Francis C., Cleveland Heights, Ohio, assignor to General Electric Company. Apparatus for pumping and mixing liquids. 2,104,085; Jan. 4.
Meuer, George J., assignor to Cutler-Hammer, Inc. Milwaukee, Wis. Electric snap switch. 2,104,206; Jan. 4.
Miles, Loren L., Los Angeles, Calif. Aircraft propeller. 2,104,207; Jan. 4.
Miller, Theodore H., Portland, Oreg. Forming end grain flooring. 2,104,307; Jan. 4.
Milliken, Frank H., assignor to The Ideal Electric and Manufacturing Company, Mansfield, Ohio. Slip frequency relay. 2,104,664; Jan. 4.
Mine & Smelter Supply Co., The, et al. (See Wetnig, Arthur J., assignor.)
Mishelevich, Benjamin. (See Agnew, N. F., and Mishelevich.)
Mockler, Martin P. (See McGillicuddy, F. E., and Mockler.)
Molke, Eric C., Montreal, Quebec, Canada. Sheet piling. 2,104,665; Jan. 4.
Molnár, Sándor, Budapest, Hungary. Easy chair or the like convertible into couch, divan, bed, or the like. 2,104,666; Jan. 4.
Monarch Manufacturing Works, Inc. (See Murphy, Thomas W., assignor.)
Monarch Marking System Company, The. (See Kohnle, Frederick, assignor.)
Montgomery, James A., assignor of one-half to H. Moss, Birmingham, Ala. Jig. 2,104,090; Jan. 4.
Montgomery, Terence N. (See Baxter, J. P., Montgomery, and Moore.)
Moore, Francis J., Minneapolis, Minn. Toilet seat. 2,104,714; Jan. 4.
Moore, Joseph G. (See Baxter, J. P., Montgomery, and Moore.)
Merrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,104,049; Jan. 4.
Merrill, Frank B., assignor to The James Hunter Machine Company, North Adams, Mass. Carbonizing drier. 2,104,136; Jan. 4.
Moss, Howard. (See Montgomery, James A., assignor.)
Mottern, Hugh H. (See Blanck, F. C., Swenson, Mottern, Goreseline, and Nelson.)
Mullen, Edwin J., New Rochelle, assignor to General Chemical Company, New York, N. Y. Roasting ore. 2,104,091; Jan. 4.
Muller, Jacques, La Garenne-Colombes, France. Device for emptying tanks. 2,104,493; Jan. 4.
Müns, Ferdinand, Frankfort-on-the-Main, and K. Keller and O. Tröeken, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Quaternary ammonium compounds. 2,104,092; Jan. 4.
Murden, William T., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Retarding mechanism. 2,104,136; Jan. 4.
Murphree, Eger V., and E. D. Reeves, Baton Rouge, La., assignors to Standard Oil Development Company. Solvent treating oils and recovering solvent. 2,104,401; Jan. 4.
Murphy, Thomas W., Bala-Cynwyd, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Liquid pressure regulating valve. 2,104,300; Jan. 4.
Murray Corporation of America, The. (See Haberstump, Alfred H., assignor.)
Murray Iron Works Company. (See Allen, Robert C., assignor.)
Murray-Ohio Manufacturing Company, The. (See Kraeft, Herman L., assignor.)

Muth, Herbert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable mechanical means for an oscillation circuit. 2,104,569; Jan. 4.
Nash-Kelvinator Corporation. (See Giffard, Whitney, assignor.)
Nassau Smelting and Refining Company. (See Willard, Frederic W., assignor.)
Nathe, Charles G., Jr., St. Cloud, Minn. Receptacle closure. 2,104,503; Jan. 4.
National Aluminate Corporation. (See Richardson, Homer H., assignor.)
National Carbon Company, et al. (See Supplee, George C., assignor.)
National Cash Register Company, The. (See Green, Charles W., assignor.)
National Electric Products Corporation. (See Corbett, Alfred, assignor.)
National Machinery Co., The. (See Friedman, John H., assignor.)
National Malleable and Steel Castings Company. (See Shafer, James A., assignor.)
National Tube Company. (See Findlater, Stevenson, assignor.)
Naylor, William E. (See Pennell, L. P., Stone, and Naylor.)
Needham, John T., North Plainfield, N. J., assignor to Lamson General Conveyors, Limited, Montreal, Quebec, Canada. Carrier for pneumatic dispatch tube apparatus. 2,104,093; Jan. 4.
Neidich, Samuel A., Burlington, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Making typewriter ribbons. 2,104,237; Jan. 4.
Nelson, Adolph L., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Piston. 2,104,350; Jan. 4.
Nelson, Jonathan K. (See Blanck, F. C., Swenson, Mottern, Goresline, and Nelson.)
Nerwin, Hubert, Dresden-Blasewitz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,104,094; Jan. 4.
Newark Refrigeration and Appliance Co. (See Bloom, Abraham, assignor.)
New Products Corporation. (See Banker, Oscar H., assignor.)
Nibecker, Paul B., U. S. Navy, and R. R. McDonell, Oakland, Calif. Oil and water separator. 2,104,050; Jan. 4.
Nichols, Harry J., Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Synchronous communication system. 2,104,570; Jan. 4.
Nichols, Harry J., Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,104,571 Jan. 4.
Nichols, Harry J. and H. L. Tholstrup, Dayton, Ohio, assignors to International Business Machines Corporation, New York, N. Y. Synchronous communication system. 2,104,572; Jan. 4.
Nichols, Kenneth N., Chicago, Ill. Lathe tool. 2,104,238; Jan. 4.
Nielsen, Emanuel, Racine, Wis., assignor to Scovill Manufacturing Company, Waterbury, Conn. Food mixer. 2,104,366; Jan. 4.
Niemann, Frederick A., Chicago, Ill., assignor to Felt & Tarrant Mfg. Co. Calculating machine. 2,104,061; Jan. 4.
Nightingale, Edward. (See Hunter, P. E., and Nightingale.)
Nixon, Anson B., administrator. (See Fisher, Lloyd H.)
Noel, Alfred J., Stratford, assignor to The Bodine Corporation, Bridgeport, Conn. Machine tool spindle. 2,104,435; Jan. 4.
Noll, Austin R., assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,104,545; Jan. 4.
Northern Equipment Company. (See Hunter, William L., assignor.)
Northern Machine Co. (See Kamborian, Jacob S., assignor.)
Notarangelo, Frank. (See Agosta, C., and Notarangelo.)
Novak, Isador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Apparatus for making saturated, sized, filled, or coated paper or fiberboard. 2,104,052; Jan. 4.
O'Brien, Francis M., Jr., Miami, Fla. Laminated fishing rod. 2,104,404; Jan. 4.
O'Brien, Francis M., Jr., Miami, Fla. Reel seat for fishing rods. 2,104,405; Jan. 4.
O'Dell, Leonard R., assignor to N. A. Jenkins, Adams Center, N. Y. Surgical appliance. 2,104,600; Jan. 4.
Odenbach, John H., and J. Cattanach, assignors to Dolomite Marine Corporation, Rochester, N. Y. Welded hull construction. 2,104,053; Jan. 4.
Oliver United Filters Incorporated. (See Watson, Lloyd W., assignor.)
Olsen, John, and M. O. Smaaladen, Aneta, N. Dak. Grain binder. 2,104,374; Jan. 4.
Oltrogge, Frederick C., assignor to Waterloo Register Company, Waterloo, Iowa. Register. 2,104,208; Jan. 4.
Oplinger, Floyd F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metal plating. 2,104,269; Jan. 4.
Osborn, Alden E., New York, N. Y. Pipe joint. 2,104,351; Jan. 4.
Osborn, John W., assignor to Hinchley-Myers Company, Jackson, Mich. Pneumatic hammer. 2,104,468; Jan. 4.
Osborne, Frederick H., assignor to Rance Incorporated. Refrigerator door lamp switch. 2,104,164; Jan. 4.
Ostrofsky, James N., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md. Treatment of rustless iron. 2,104,667; Jan. 4.
Oswego Falls Corporation. (See La Bombard, Leon H., assignor.)
Oswego Falls Corporation. (See Pierce, Lee D., assignor.)
Overly, Elmer G., Oakmont, Pa. Mailing container. 2,104,352; Jan. 4.
Owen, William L., Baton Rouge, La., assignor to The Lummus Company, New York, N. Y. Bacteria yeast process of bread manufacture. 2,104,054; Jan. 4.
Owsley, William D., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Cementing equipment for wells. 2,104,270; Jan. 4.
Oxford Paper Company. (See Sorensen, Einar, assignor.)
Oxford Varnish Corporation. (See King, Orville D., assignor.)
Packard Motor Car Company. (See Best, Frank C., assignor.)
Pagheelan, Garabed, Waverley, Mass. Composition of matter for artificial stone. 2,104,353; Jan. 4.
Panama Brick & Tile Company. (See Carlisle, Pitt M., assignor.)
Papendick, Gustav C., University City, Mo. Baked Loaf fraction package and packaging. 2,104,095; Jan. 4.
Paradise, William F., Auburn, Nebr. Furnace. 2,104,096; Jan. 4.
Parisini, Primo, Corona, N. Y. Spraying device for evacuation. 2,104,271; Jan. 4.
Parke, Davis & Company. (See Groeling, Charles, assignor.)
Partridge, Arthur F., St. Paul, Minn. Washing machine for tumblers and similar tableware. 2,104,272; Jan. 4.
Patent and Licensing Corporation, The. (See Groskopf, Edwin O., assignor.)
Patent and Licensing Corporation, The. (See Kirchbraun, Lester, assignor.)
Pattison, Herbert J., Detroit, and W. K. Barton, Grosse Pointe Park, assignors to Briggs Manufacturing Company, Detroit, Mich. Portable grinding or filing machine. 2,104,426; Jan. 4.
Paulus, Charles L. (See Alexander, D. F., Henney, and Paulus.)
Peik, Louis D., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Abrading apparatus. 2,104,055; Jan. 4.
Pelletier, Philippe, and P. Vaillancourt, Beaupre, Quebec, Canada. Rail joint. 2,104,165; Jan. 4.
Pelton, Edward A., Newark, N. J., assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making a glass seal. 2,104,166; Jan. 4.
Pelton, George E., Alexandria, Va., and E. L. Jester, Washington, D. C.; said Jester assignor to said Pelton. Supplying ink to ink transfer members. 2,104,460; Jan. 4.
Pennell, Lawrence P., and W. F. Stone, Chicago, Ill., and W. E. Naylor, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Conveyer scale. 2,104,546; Jan. 4.
Pennsylvania Salt Manufacturing Company. (See Lehmann, Rudolph, assignor.)
People of the United States of America. (See Blanck, F. C., Swenson, Mottern, Goresline, and Nelson.)
People of the United States of America. (See McKinney, Robert S.)
Perfect Circle Company, The. (See Given, Fred H., assignor.)
Perkins, Granville A. (See Chitwood, H. C., and Perkins.)
Perry, James M., Lake Charles, La. Dice game accessory. 2,104,375; Jan. 4.
Perseguiti, Joseph G., New York, N. Y. Ornamentation work. 2,104,547; Jan. 4.
Persson, Ernst, assignor to The International Postal Supply Company, Brooklyn, N. Y. Postage printing and metering machine. 2,104,668; Jan. 4.
Peters, William H., Flat Rock, assignor to Ford Motor Company, Dearborn, Mich. Headlamp construction. 2,104,437; Jan. 4.
Peterson, Carl D., Toledo, Ohio. Flexible clutch shaft construction for automotive power plants. 2,104,660; Jan. 4.
Philadelphia Drying Machinery Company, The. (See Sibson, Walter W., assignor.)
Phillips Petroleum Company. (See Frey, Frederick E., assignor.)
Phillips Petroleum Company. (See Youker, Malcolm P., assignor.)
Pieper, Alphonse F., Rochester, N. Y. Dental syringe. 2,104,670; Jan. 4.
Piet, Mathias, Heidelberg, W. Hirschberger, and H. Lamm, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Lubricating oils. 2,104,097; Jan. 4.
Pierce, Lee D., assignor to Oswego Falls Corporation, Fulton, N. Y. Capping head for applying closures to milk bottles and the like. 2,104,671; Jan. 4.
Pierson, Carl W., Rockford, Ill. Air conditioner. 2,104,209; Jan. 4.

Pittsburgh Dry Stencil Company. (See Greenslade, Grover R., assignor.)
Pittsburgh Plate Glass Company. (See Halbach, Howard L., assignor.)
Pittsburgh Plate Glass Company. (See Heichert, Herman S., assignor.)
Place, Blen C., assignor of one-half to G. H. Gagnier, Detroit, Mich. Spring fastener. 2,104,230; Jan. 4.
Plater, E. & Co. Inc. (See Procter, Edward, assignor.)
Porter, Edward, assignor to H. Porter & Co. Inc., Irvington, N. J. Handbag frame. 2,104,098; Jan. 4.
Pol, John B., La Porte, Ind., and W. F. Krenske, assignors to Jacobsen Manufacturing Company, Racine, Wis. Power lawn mower with side cutter units. 2,104,719; Jan. 4.
Ponce, Lucien G., Follansbee, W. Va., assignor to Liberty Mirror Works. Ball joint for a rear view mirror. 2,104,099; Jan. 4.
Poor & Company. (See Warr, Harold G., assignor.)
Porter, George J., Watrous, Pa. Combination book holder, writing and study board. 2,104,534; Jan. 4.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Start-stop regenerative repeater. 2,104,273; Jan. 4.
Powell, Herbert S., Utica, N. Y. Muffler. 2,104,376; Jan. 4.
Preisser, Edmund, New Britain, Conn. Mop holder. 2,104,331; Jan. 4.
Prentiss, Polly, Inc. (See Bradwell, Robert H., assignor.)
Pringle, William L., assignor to United States Gypsum Company, Chicago, Ill. Lacquer-undercoat protective coating. 2,104,240; Jan. 4.
Procter & Gamble Company, The. (See Richardson, Albert S., assignor.)
Proctor, B. A., Company. (See Proctor, Barton A., assignor.)
Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Phonographic turntable. 2,104,241; Jan. 4.
Prosfourakoff, Avenir P., Lansdowne, Pa. Recording apparatus for blood sedimentation tests. 2,104,525; Jan. 4.
Prout, Herbert L., Villa Park, Ill. Line squaring device. 2,104,377; Jan. 4.
Public in the United States. (See Dearborn, Frederick E.)
Pulp Products Company. (See Haymann, Roy D., assignor.)
Putney, Philip F., Newport, N. Y. Caramel cutting machine. 2,104,623; Jan. 4.
Pychlau, Herbert, Freiberg, Germany. Output dose meter. 2,104,578; Jan. 4.
Pym, Arthur F., executor. (See Pym, Charles F.)
Pym, Charles F., deceased, Beverly, by A. F. Pym, executor, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Operating on shoes. 2,104,137; Jan. 4.
Radio Corporation of America. (See Conklin, James W., assignor.)
Radio Corporation of America. (See Crosby, Murray G., assignor.)
Radio Corporation of America. (See Franklin, Charles S., assignor.)
Radio Corporation of America. (See Hollingsworth, R. Lee, assignor.)
Radio Corporation of America. (See Linsell, Alfred A., assignor.)
Radio Corporation of America. (See Maloff, Ioury G., assignor.)
Radio Corporation of America. (See Roberts, Walter van B., assignor.)
Radio Corporation of America. (See Tellegen, Bernardus D. H., assignor.)
Radio Corporation of America. (See van der Ven, Adrianus J. H., assignor.)
Radio Corporation of America. (See Young, Charles J., assignor.)
Radio Corporation of America. (See Zworykin, Vladimir K., assignor.)
Rainer, Osborne S., Montgomery, Ala. Automatic liquid feed for storage batteries. 2,104,672; Jan. 4.
Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Apparatus for treating material including solids and vaporizable material. 2,104,526; Jan. 4.
Ranco Incorporated. (See Osborne, Frederick H., assignor.)
Rapisarda, Edward D., Agawam, assignor of one-half to G. E. Byford, Winchester, Mass. Press mechanism. 2,104,308; Jan. 4.
Rascher & Betzold, Inc. (See Betzold, M. F., Rascher, and Torp, assignors.)
Rascher, Charles. (See Betzold, M. F., Rascher, and Torp.)
Rawlings, George W., Park Hill, Kenilworth, England. Electric generator. 2,104,707; Jan. 4.
Raybestos-Manhattan, Inc. (See Novak, Isador J., assignor.)
Redrup, Charles B., assignor to The Bristol Tramways & Carriage Company Limited, Bristol, England. Swash mechanism. 2,104,391; Jan. 4.
Reeves, Edward D. (See Murphree, E. V., and Reeves.)
Reinholdtsen, Hans, Copenhagen, Denmark. Apparatus for stamping of tickets and the like. 2,104,573; Jan. 4.
Remington Arms Company. (See Dicke, Allen A., assignor.)
Remington, Leonard F., assignor to Thompson-National Press Co., Franklin, Mass. Impression control for cutting and creasing presses. 2,104,527; Jan. 4.
Reynolds Corporation. (See Coddington, Edwin D., assignor.)
Reynolds, Michael, Ottumwa, Iowa. Control for automatic air brake apparatus. 2,104,392; Jan. 4.
Rich, Jack V., Chicago, Ill. Draftsman's instrument. 2,104,354; Jan. 4.
Richardson, Albert S., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Composition of fatty matter and stabilising same. 2,104,242; Jan. 4.
Richardson Company, The. (See Rieser, Oliver O., assignor.)
Richardson, Dean R., New Kensington, Pa. Safety latch plate. 2,104,309; Jan. 4.
Richardson, Homer H., Western Springs, assignor to National Aluminate Corporation, Chicago, Ill. Protecting steam boilers against caustic embrittlement. 2,104,528; Jan. 4.
Richardson, James C., Brooklyn, assignor to Royal Switchboard Co., Inc., New York, N. Y. Electric switchbox. 2,104,167; Jan. 4.
Richeson, Sanford E., New York, N. Y. Can closure. 2,104,438; Jan. 4.
Rickard, George B., assignor to The Carborundum Company, Niagara Falls, N. Y. Segmental pulp wheel. 2,104,594; Jan. 4.
Rieffel, August, Philadelphia, Pa. Steaming and drying machine. 2,104,402; Jan. 4.
Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Shrink fixture. 2,104,673; Jan. 4.
Ring, Frederick G., Newark, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Manufacture of spirituous liquors. 2,104,243; Jan. 4.
Ring, Frederick G., Newark, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Manufacture of spirituous liquors. 2,104,244; Jan. 4.
Roberts, Frederic M., Schenectady, and E. H. Sills, Scotia, N. Y., assignors to General Electric Company. Control system. 2,104,674; Jan. 4.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Superheterodyne converter network. 2,104,100; Jan. 4.
Robinson, Frederick W., Jenks, assignor of one-fourth to F. W. Bailey, one-tenth to H. Hose, and one-tenth to R. C. McDonough, Tulsa, Okla. Fluid packed plunger for pumps. 2,104,274; Jan. 4.
Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Game apparatus. 2,104,574; Jan. 4.
Rock-Ola Manufacturing Corporation. (See Rockola, David C., assignor.)
Rodnick, Samuel, New York, N. Y. Cookie machine. 2,104,529; Jan. 4.
Roelfsema, Petrus J., Walnut Creek, assignor to Shell Development Company, San Francisco, Calif. Fractionation. 2,104,310; Jan. 4.
Roethel, John H., Detroit, Mich. Door handle assembly. 2,104,403; Jan. 4.
Rohde, Carlos J., and M. T. Menier, assignors of one-half to E. C. Rohde, New York, N. Y., and one-half to said Menier. Rotatable dispensing and measuring device. 2,104,332; Jan. 4.
Rohde, Rose C., et al. (See Rohde, C. J., and Menier, assignors.)
Röhm & Haas Company. (See Röhm, O., and Bauer, assignors.)
Röhm, Otto, and W. Bauer, Darmstadt, Germany, assignors, by mesne assignments, to Röhm & Haas Company, Philadelphia, Pa. Artificial substance. 2,104,168; Jan. 4.
Roland, Orville A., Quincy, Ill. Denture kit. 2,104,470; Jan. 4.
Rolls-Royce Limited. (See West, Harold E. W., assignor.)
Romeo, Salvatore A., Brooklyn, N. Y. Vehicle spring suspension. 2,104,245; Jan. 4.
Rosenbaum, Kurt, Rheinhausen/Lower Rhine, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Jointed coupling. 2,104,101; Jan. 4.
Rosenblad, Curt F., Sodertalje, assignor to Aktiebolaget Rosenblads Patenter, Stockholm, Sweden. Regulating the temperature of flowing media. 2,104,333; Jan. 4.
Royal Switchboard Co. (See Richardson, James C., assignor.)
Royce, Albert A., Hollis, and M. L. Beyer, assignors to The International Postal Supply Company, Brooklyn, N. Y. Postage meter machine. 2,104,624; Jan. 4.
Rubin, Louis. (See Freudenheim, Mendel E., assignor.)
Ruff, George, Kane, Wyo. Combined scraper and grader. 2,104,675; Jan. 4.
Rupp, Herbert E., Springfield Township, Richland County, and J. C. Gorman, Mansfield, Ohio. Shaft sealing means. 2,104,355; Jan. 4.
Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Pressure regulating device. 2,104,700; Jan. 4.
Russell, Robert H., Cleveland, Ohio, assignor, by mesne assignments, to Gas Fuel Corporation. Creating high temperatures. 2,104,311; Jan. 4.

Rustless Iron and Steel Corporation. (See Ostrofsky, James N., assignor.)

Ruthven, Frederick F., Toronto, Ontario, assignor, by mesne assignments, to Aluminium Laboratories Limited, Montreal, Quebec, Canada. Method for degreasing. 2,104,102; Jan. 4.

Ruthven, Frederick F., Toronto, Ontario, assignor, by mesne assignments, to Aluminium Laboratories Limited, Montreal, Quebec, Canada. Degreasing apparatus. 2,104,103; Jan. 4.

Sabins, Rolland C., assignor to Mechanical Development Co., St. Paul, Minn. Acetylene generator. 2,104,471; Jan. 4.

Saffir, Jacob A., Rockford, assignor to J. W. Frankel, Chicago, Ill. Dental X-ray film package. 2,104,715; Jan. 4.

St. Clair, John A., and D. E. Gommel, Indianapolis, Ind. Auxiliary chuck. 2,104,472; Jan. 4.

Salerni, Piero M. (See Cox, J. C., and Thomas, assignors.)

Salfeld, Ippolito, New York, N. Y. Safety system of water supply for bidets and the like. 2,104,210; Jan. 4.

Sandberg, Lloyd T., Wausau, assignor to Marathon Paper Mills Company, and Guy C. Howard Company, Rothschild, Wis., jointly. Making vanillin. 2,104,701; Jan. 4.

Sanford, Charles L., Meadville, Pa. Roof and floor block. 2,104,356; Jan. 4.

Schaefer, Justus J., Great Barrington, Mass. Fastening device. 2,104,496; Jan. 4.

Scharschu, Charles A., Brackenridge, Pa., assignor to Allegheny Steel Company. Nonaging flat silicon steel strip and producing the same. 2,104,160; Jan. 4.

Schein, Morris, Brooklyn, N. Y. Combination pocket kit. 2,104,420; Jan. 4.

Scheirm, Erik, Dessau-in-Anhalt, Germany, assignor, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Manufacture of substantive dyestuffs. 2,104,595; Jan. 4.

Schlegall, Theodore, New York, N. Y. Compact or the like. 2,104,104; Jan. 4.

Schleicher, Lawrence, Los Angeles, Calif. Pessary applicator. 2,104,275; Jan. 4.

Schmidt, Edward A., Ridgewood, N. Y. Furrier's knife. 2,104,276; Jan. 4.

Schmidt, Frank E., Tigard, Oreg. Advertising sign. 2,104,105; Jan. 4.

Schmidt'sche Heissdampf-Gesellschaft m. b. H. (See Engler, Otto, assignor.)

Schoepbach, Charles H., and L. Babcock, assignors to International Corset Company. Aurora, Ill. Corset. 2,104,277; Jan. 4.

Schrank, Max C., Bridgeton, N. J. Slip. 2,104,506; Jan. 4.

Schulze, Fritz, Berlin-Halensee, Germany. Automatic vending machine. 2,104,497; Jan. 4.

Schultz, Michael C., Green Bay, Wis. Bread slicer guide. 2,104,278; Jan. 4.

Schwartz, Morris A., Los Angeles, Calif. Centrifugal vacuum pump. 2,104,246; Jan. 4.

Schwarz, Karl, assignor to Klangfilm G. m. b. H., Berlin, Germany. Sound recording device. 2,104,170; Jan. 4.

Schweitzer, Frank J., assignor of one-half to W. D. Sheaffer, Brea, Calif. Lubricated, split ring, stopcock. 2,104,036; Jan. 4.

Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,104,548; Jan. 4.

Schwerin, Frank H., Bellevue, assignor to The Duff-Norton Manufacturing Company, Pittsburgh, Pa. Range target. 2,104,171; Jan 4.

Scott, Clyde, Newark, N. J. Applying slime made from viscose to paper and the like. 2,104,057; Jan. 4.

Scovill Manufacturing Company. (See Nielsen, Manuel, assignor.)

Seer, Richard H., Danvers, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,104,135; Jan. 4.

Sell, Gilbert H., Cynwyd, Pa. Electric furnace process. 2,104,530; Jan. 4.

Semet-Solvay Engineering Corporation. (See Ring, Frederick G., assignor.)

Sénaûme, Roger. (See Goudet, H., and Sénaûme.)

Senf, Oscar, assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen desk stand. 2,104,670; Jan. 4.

Sheffer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,104,404; Jan. 4.

Sheffer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,104,405; Jan. 4.

Sheffer, William D. (See Schweitzer, Frank J., assignor.)

Sheaffer, W. A., Pen Company. (See Cuthbert, William R., assignor.)

Sheaffer, W. A., Pen Company. (See Senf, Oscar, assignor.)

Sheatsley, Paul W. (See McCormick, C. G., and Sheatsley.)

Shell Development Company. (See Roelfsema, Petrus J., assignor.)

Sherman, Sol, New York, N. Y. Bow necktie. 2,104,625; Jan. 4.

Sherwood, Frank D., Beaver Dam, Wis. Candle holder. 2,104,139; Jan. 4.

Shurley, Frederick, Salt Lake City, Utah, assignor to Ceramic Machinery Distributors Limited, Windsor, Ontario, Canada. Noncily vitreous enamel. 2,104,531; Jan. 4.

Sibley, Edwin J., Westbury, N. Y. Door stay and holder. 2,104,172; Jan. 4.

Sibson, Walter W., assignor to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Baking machine for textile materials. 2,104,173; Jan. 4.

Sills, Earl H. (See Roberts, F. M., and Sills.)

Simons, John C., and H. S. Swope, Philadelphia, Pa. Clutch. 2,104,174; Jan. 4.

Slatinsky, John, Chicago, Ill. Closure operating device. 2,104,498; Jan. 4.

Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,104,247; Jan. 4.

Smaaladen, Martin O. (See Olson, J., and Smaaladen.)

Small, Lyndon F., Charlottesville, Va., assignor to the Government of the United States, represented by the Secretary of the Treasury. Ethers of morphine and dihydromorphine and their respective N-oxides. 2,104,068; Jan. 4.

Smit, J. K., & Sons, Inc. (See Taylor, Rutherford H., assignor.)

Smith, A. O., Corporation. (See Kopp, Carl J., assignor.)

Smith, Clarence E. (See Crain, M. L., and Smith.)

Smith, Oakley, Chicago, Ill. Apparatus for correlating dietary and digestive data. 2,104,334; Jan. 4.

Smith, S. Morgan, Company. (See Brisbane, E. C., and Bischoff, assignors.)

Snelling, Walter O., Allentown, Pa. Sealing expansion joints. 2,104,059; Jan. 4.

Soabar Company. (See Henry, George W., Jr., assignor.)

Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Cousteix, Blaise, assignor.)

Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See George, E., and Delpech, assignors.)

Society of Chemical Industry in Basle. (See Haller, R., and Graenacher, assignors.)

Society of Chemical Industry in Basle. (See Straub, F., and Mayer, assignors.)

Soller, Walter, assignor of one-half to W. H. Woodin, Jr., Tucson, Ariz. Balanced electron tube circuits. 2,104,211; Jan. 4.

Sommer, Robert, Berlin, Germany, assignor of one-half to W. S. Bleistein, New York, N. Y., and one-fourth to Bruno Cossalter, Feltre (Belluno), Italy. Nonskid tire. 2,104,532; Jan. 4.

Sorensen, Charles E., Detroit, and R. H. McCarroll, assignors to Ford Motor Company, Dearborn, Mich. Apparatus for casting. 2,104,406; Jan. 4.

Sorensen, Einar, Rumford, Maine, assignor to Oxford Paper Company. Electrolytic cell. 2,104,677; Jan. 4.

Sorensen, Einar, Rumford, Maine, assignor to Oxford Paper Company. Electrolytic cell. 2,104,678; Jan. 4.

Sorensen, Einar, Rumford, Maine, assignor to Oxford Paper Company. Operating electrolytic cells. 2,104,679; Jan. 4.

Spafford, Allen L., assignor to Wood Conversion Company, Cloquet, Minn. Corrugated structure. 2,104,060; Jan. 4.

Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto generator. 2,104,140; Jan. 4.

Sperry Gyroscope Company. (See Carlson, Bert G., assignor.)

Sperry Gyroscope Company. (See Zand, Stephen J., assignor.)

Sperry, Philmore F., assignor, by mesne assignments, to Excel Auto Radiator Company, Chicago, Ill. Air distributing means. 2,104,279; Jan. 4.

Spiers, Ernest, and J. C. H. Hurd, assignors to Wildt and Company Limited, Leicester, England. Circular knitting machine of the double axially opposed needle cylinder type. 2,104,626; Jan. 4.

Spratley, Arthur L. (See Spratley, Henry C., and A. L.)

Spratley, Henry C. and A. L., Providence, R. I. Sign. 2,104,280; Jan. 4.

Squibb, E. R., & Sons. (See Lee, John, assignor.)

Stagi, Louis R., Jr. (See Long, A. R., and Stagi.)

Stahl, Edward J., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Vehicle. 2,104,335; Jan. 4.

Standard Brands Incorporated. (See Lockey, James, assignor.)

Standard Oil Development Company. (See Baskin, Charles M., assignor.)

Standard Oil Development Company. (See Bue, Hyym E., assignor.)

Standard Oil Development Company. (See Murphree, E. V., and Reeves, assignors.)

Standard Oil Development Company. (See Statham, L., and Blau, assignors.)

Standard Oil Development Company. (See Wiesevich, Peter J., assignor.)

Stanley Stoker Company (1922), The. (See Lower, Nathan M., assignor.)

Stark, Joseph W., assignor to General Ribbon Mills, Inc., New York, N. Y. Ornament. 2,104,248; Jan. 4.

Statham, Louis, and L. W. Blau, Houston, Tex., assignors to Standard Oil Development Company. Geophysical prospecting by the comparison of steady state potentials. 2,104,440; Jan. 4.

Stearns-Roger Manufacturing Co., The, et al. (See Weinig, Arthur J., assignor.)

Stedwell, George W., Brooklyn, assignor to Keystone Controls, Inc., New York, N. Y. Liquid delivery apparatus. 2,104,597; Jan. 4.

Stevens, Brooks, Jr., Concord, Mass. Manufacturing commutators. 2,104,141; Jan. 4.

Stockdale, Stephen W., Hammond, Ind., and E. F. Weaver and S. P. Tinnes, Calumet City, Ill., assignors to Anaconda Lead Products Company. Manufacture of lead borate. 2,104,540; Jan. 4.

Stocker, John, Muscatine, Iowa. Clutch mechanism for automotive vehicle. 2,104,312; Jan. 4.

Stokely, Grace MacD., executrix. (See Bowne, L. J., Lamberty, and Stokely.)

Stokely, Ray L. (See Bowne, L. J., Lamberty, and Stokely.)

Stoltz, Charles E., assignor to Mancha Storage Battery Locomotive Company, Chicago, Ill. Mechanical shoveling machine. 2,104,575; Jan. 4.

Stone, Walter E. (See Pennell, L. P., Stone, and Naylor.)

Stratford, Frederick F., Glen Ridge, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,104,441; Jan. 4.

Straub, Fritz, and H. Mayer, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Conversion products of dyestuffs and making same. 2,104,357; Jan. 4.

Strickland, Royal F., Cleveland Heights, Ohio, assignor to General Electric Company. Enclosed arc device. 2,104,680; Jan. 4.

Stryker, Daniel, White Plains, and J. H. Grahame, Mount Vernon, assignors to The Texas Company, New York, N. Y. Solvent refining of mineral oil. 2,104,379; Jan 4.

Sturtevant, B. F., Company. (See Andersen, Samuel M., assignor.)

Sturtevant, B. F., Company. (See Hanson, Milton E., assignor.)

Superheater Company, The. (See Epley, Frederic L., assignor.)

Supplee, George C., Bainbridge, N. Y., assignor of one-half to The Borden Company and one-half to National Carbon Company, Inc. Irradiation. 2,104,681; Jan. 4.

Surdy, Charles J., Tuckahoe, N. Y., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Transmission control mechanism. 2,104,061; Jan. 4.

Svoboda, Jaroslav and L., and K. Bilek, Prague, Czechoslovakia. Resilient suspension means for motor vehicles. 2,104,499; Jan. 4.

Svoboda, Ladislav. (See Svoboda, Jaroslav and L., and Bilek.)

Swart, Leland K. (See Hemaman, R. K., and Swart.)

Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Gas-filled tube circuits. 2,104,142; Jan. 4.

Sweet, J. B., et al. (See Wohlfarth, Walter W., assignor.)

Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch plate. 2,104,106; Jan. 4.

Swenson, Theodore L. (See Blanck, F. C., Swenson, Mottern, Geraaine, and Nelson.)

Swope, Harold S. (See Simons, J. C., and Swope.)

Symington-Gould Corporation, The. (See Blattner, Emil H., assignor.)

Szabo, Alexander, Linden, N. J. Twin rocker and rotating toy device. 2,104,443; Jan. 4.

Szegö, Stephan, Berlin-Johannisthal, Germany. Floor, roof, and like structure. 2,104,443; Jan. 4.

Taylor, Guy M., Houston, Tex. Heating stove. 2,104,312; Jan. 4.

Taylor, Rutherford H., Millburn, N. J., assignor to J. K. Smit & Sons, Inc., New York, N. Y. Forming diamond tools. 2,104,708; Jan. 4.

Tefft, Irving W. (See Jackson, D. D., and Tefft.)

Tefft-Jackson, Incorporated. (See Jackson, D. D., and Tefft, assignors.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hollmann, Hans E., assignor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kurlbaum, Georg, assignor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Muth, Herbert, assignor.)

Teletype Corporation. (See Burcky, Charles W., assignor.)

Teletype Corporation. (See Potts, Louis M., assignor.)

Teletype Corporation. (See Zenner, Raymond H., assignor.)

Teletype Corporation. (See Zenner, Walter J., assignor.)

Teletypesetter Corporation. (See Goetz, Maurus T., assignor.)

Tellegen, Bernardus D. H., Eindhoven, Netherlands, assignor to Radio Corporation of America. Amplifier control circuits. 2,104,682; Jan. 4.

Temple, John C., New York, N. Y. Surfacing machine. 2,104,062; Jan. 4.

Texas Company, The. (See Harris, William A., assignor.)

Texas Company, The. (See Hendrey, Waldersee B., assignor.)

Texas Company, The. (See Manley, Robert E., assignor.)

Texas Company, The. (See McJunkin, Paul, assignor.)

Texas Company, The. (See Stryker, D., and Grahame, assignors.)

Tholstrup, Henry L. (See Nichols, H. J., and Tholstrup.)

Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of aryl amines. 2,104,407; Jan. 4.

Thomas, George H. (See Cox, J. C., and Thomas.)

Thompson Manufacturing Company. (See Thompson, Walter V. E., assignor.)

Thompson-National Press Co. (See Remington, Leonard F., assignor.)

Thompson, Walter V. E., assignor to Thompson Manufacturing Company, Los Angeles, Calif. Sprinkler. 2,104,281; Jan. 4.

Timken-Detroit Axle Company, The. (See Cole, Frank O., assignor.)

Tinnes, Samuel P. (See Stockdale, S. W., Weaver, and Tinnes.)

Torp, Charles A. (See Betseld, M. F., Rascher, and Torp.)

Toscoda, Enrique G., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Centrifugal casting machine. 2,104,280; Jan. 4.

Treboux, Jules, assignor to firm J. R. Geigy A. G., Basel, Switzerland. Production of solutions of rubber and substances similar to rubber. 2,104,358; Jan. 4.

Trieber, Otto. (See Mias, F., Keller, and Trieber.)

Troy, Seymour, New York, N. Y. Footwear. 2,104,598; Jan. 4.

Truscon Steel Company. (See Hughes, Grover A., assignor.)

Turpan, James, Paterson, N. J. Inseam measuring device. 2,104,175; Jan. 4.

Tuttle, William N., assignor to General Radio Company, Cambridge, Mass. Electric system. 2,104,336; Jan. 4.

Umlauf, Karl, Berlin-Charlottenburg, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Hydraulic forward and reverse drive. 2,104,213; Jan. 4.

Underhill, Joseph, Finchley, London, England. Method of and apparatus for photographically recording sound waves. 2,104,716; Jan. 4.

Underpinning & Foundation Co. (See Raisch, William, assignor.)

Underwood Elliott Fisher Company. (See Helmond, William F.)

Underwood Elliott Fisher Company. (See Neidich, Samuel A., assignor.)

Union Carbide and Carbon Corporation. (See Lennings, W., and Karwat, assignors.)

Union Iron Works. (See MacCamy, Harry J., assignor.)

Union Machinery Company. (See Marasso, Fred, assignor.)

Union Switch & Signal Company, The. (See Agnew, Norman F., assignor.)

Union Switch & Signal Company, The. (See Agnew, N. F., and Mishelevich, assignors.)

Union Switch & Signal Company, The. (See Bone, Herbert L., assignor.)

Union Switch & Signal Company, The. (See Clausen, Harold C., assignor.)

Union Switch & Signal Company, The. (See Martin, Paul N., assignor.)

Union Switch & Signal Company, The. (See Young, Henry S., assignor.)

United Shoe Machinery Corporation. (See Barsoni, Lewis J., assignor.)

United Shoe Machinery Corporation. (See Bertram, Hugo A., assignor.)

United Shoe Machinery Corporation. (See Brostom, Charles G., assignor.)

United Shoe Machinery Corporation. (See Fitzgerald, Charles F., assignor.)

United Shoe Machinery Corporation. (See Kennison, Frank, assignor.)

United Shoe Machinery Corporation. (See Pym, Charles F., assignor.)

United Shoe Machinery Corporation. (See Scer, Richard H., assignor.)

United Shoe Machinery Corporation, (See Winkley, Erastus E., assignor.)

United States Gypsum Company. (See Pringle, William L., assignor.)

United States Gypsum Company. (See Vass, Michael G., assignor.)

Universal Inventions Limited. (See Kassner, Ernst R. W., assignor.)

Universal Oil Products Company. (See Egloff, Gustav, assignor.)

Universal Oil Products Company. (See Ipatieff, V., and Grosse, assignors.)

Universal Oil Products Company. (See Morrell, Jacque C., assignor.)

Universal Oil Products Company. (See Thomas, Charles L., assignor.)

Vaillancourt, Philias. (See Pelletier, P., and Vaillencourt.)

Van Buren, Charles J., Detroit, Mich. Insulated building structure. 2,104,500; Jan. 4.

Van der Ven, Adrianus J. H., Eindhoven, Netherlands, assignor to Radio Corporation of America. Automatic gain control. 2,104,107; Jan. 4.
Van Roosen, Hugo. (See Van Rosen, H., and Lapp.)
Van Rosen, Hugo, Newton Center, Mass., and G. W. Lapp, Le Roy, N. Y.; said Lapp assignor to said Van Rosen, now by judicial change of name, Hugo Van Roosen. Dust separator. 2,104,683; Jan. 4.
Vass, Michael G., Maywood, assignor to United States Gypsum Company, Chicago, Ill. Manufacture of expanded metal. 2,104,249; Jan. 4.
Vesino, Raoul J., Springfield, Mass. Showcase. 2,104,214; Jan. 4.
Voith, J. M. (See Umlauff, Karl, assignor.)
Vollmer, Walter G. (See Holbut, M., and Vollmer.)
Von Krannolin, Leon L., Berlin-Wilmersdorf, Germany. Controlling gas-filled tubes. 2,104,533; Jan. 4.
Von Manteuffel, Gert Z., Berlin-Dahlem, Germany, assignor to Askania-Werke A. G. vormals Centralwerkstatt Dessau und Carl Bamberg-Friedenau. Steering device. 2,104,627; Jan. 4.
Vulcan Alloy Corporation. (See de Golyer, Anthony G., assignor.)
Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Method and apparatus for feeding molten glass. 2,104,215; Jan. 4.
Wagner, Carnot R., and A. J. Faulhaber, Cincinnati, Ohio. Apparatus for treating dough. 2,104,282; Jan. 4.
Wagner Electric Corporation. (See Boldt, Werner F., assignor.)
Wagner Electric Corporation. (See Cox, J. C., assignor, and Thomas.)
Wanner, Charles J., Milwaukee, Wis. Illuminated sign. 2,104,237; Jan. 4.
Warmoltz, Nicolaas. (See Druyvesteyn, M. J., and Warmoltz.)
Warr, Harold G., Park Ridge, Ill., assignor, by mesne assignments, to Poor & Company. Rail and wheel flange lubricator. 2,104,176; Jan. 4.
Warren, Donald M., West Lafayette, Ind. Toy garage and the like. 2,104,628; Jan. 4.
Waterloo Register Company. (See Oltrogge, Frederick C., assignor.)
Watson, Lloyd W., Oakland, assignor to Oliver United Filters Incorporated, San Francisco, Calif. Filter. 2,104,473; Jan. 4.
Weaver, Elbert F. (See Stockdale, S. W., Weaver, and Tranel.)
Webb, John B., Dobbs Ferry, assignor to Anaconda Wire & Cable Company, New York, N. Y. Pothead fitting. 2,104,109; Jan. 4.
Webster, Robert A., Santa Monica, Calif. Agitating or mixing apparatus. 2,104,283; Jan. 4.
Weeks, James R. (See Bertsche, Harry A., assignor.)
Wehrle, Arthur J., Golden, assignor to The Mine & Smelter Supply Co., The Stearns-Roger Manufacturing Co., Denver, Colo., and The Dorr Company, Inc., New York, N. Y. Closed circuit grinding. 2,104,709; Jan. 4.
Weilenkamp, Paul G., Radburn, N. J., assignor to Wright Aeronautical Corporation. Geared connecting rod. 2,104,569; Jan. 4.
Wernert, Ignatius J. (See Gilbert, H. N., and Wernert.)
Wescott, Blaine B. (See Kennedy, H. T., and Wescott.)
West, Harold E. W., assignor to Rolls-Royce Limited, Derby, England. System of ignition for internal combustion engines for aircraft. 2,104,600; Jan. 4.
Western Electric Company. (See Stratford, Frederick F., assignor.)
Western Electric Company Incorporated. (See Lassiter, Alwyn D., assignor.)
Westinghouse Electric Elevator Company. (See Eames, William F., assignor.)
Westinghouse Electric Elevator Company. (See Jones, Richard W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hewitt, George W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pelton, Edward A., assignor.)
Whitney, Frederic, Los Angeles, Calif. Bifocal spectacle bridge. 2,104,063; Jan. 4.
Wick, John H., assignor to Wicks Pipe Organ Co., Highland, Ill. Combination stop action for organs. 2,104,238; Jan. 4.
Wicks Pipe Organ Co. (See Wick, John H., assignor.)
Wiegand, Christian. (See Merkel, E., and Wiegand.)
Wiesevich, Peter J., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricant. 2,104,408; Jan. 4.
Wiesevich, Peter J., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricant. 2,104,409; Jan. 4.
Wilbur, Scott I. (See Cooke, G. B., and Wilbur.)
Wildt and Company Limited. (See Spiers, E., and Hurd, assignors.)
Wilkow, Abraham. (See Horowitz, Louis, assignor.)
Willard, Frederick W., Summit, N. J., assignor to Nassau Smelting and Refining Company, New York, N. Y. Producing lead alloys. 2,104,444; Jan. 4.
Willheim, Raoul, and G. Frühauf, Berlin-Oberschoneweide, Germany, assignors to General Electric Company. Testing arrangement for circuit-interrupting devices. 2,104,629; Jan. 4.
Williams, Andrew C. (See Bowers, C. O., and Williams.)
Williams, John M., Harlem, Mont. Axe. 2,104,250; Jan. 4.
Wilson, John E., Jr., Smyrna, Del. Sanitary steel milk cooling cabinet. 2,104,684; Jan. 4.
Wilson, John E., Jr., Smyrna, Del. Storage milk cooler. 2,104,685; Jan. 4.
Wine, William E., Toledo, Ohio. Railway car. 2,104,359; Jan. 4.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shaping the bottoms of shoes. 2,104,143; Jan. 4.
Winthrop Chemical Company Inc. (See Merkel, E., and Wiegand, assignors.)
Wohlfarth, Walter W., San Francisco, assignor to A. T. Ashjian and J. B. Sweet, Fresno, Calif. Truck suspension. 2,104,284; Jan. 4.
Wolff, Saul K., Long Beach, N. Y. Camp grill. 2,104,534; Jan. 4.
Wood, Anthony W., Upper Norwood, London, England. Apparatus for display or advertising purposes. 2,104,514; Jan. 4.
Wood Conversion Company. (See Spafford, Allen L., assignor.)
Wood, Elsie E., Whittier, Calif. Garbage can liner. 2,104,686; Jan. 4.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Casting apparatus for the registration of printing plates. 2,104,313; Jan. 4.
Wood Newspaper Machinery Corporation. (See Wood, Henry A. W., assignor.)
Woodin, William H., Jr. (See Soller, Walter, assignor.)
Worthington Pump and Machinery Corporation. (See Hirschberg, Charles A., assignor.)
Wright Aeronautical Corporation. (See Hill, Henry C., assignor.)
Wright Aeronautical Corporation. (See Wellenkamp, Paul O., assignor.)
Wright, Walter F. (See Dall, Edward D., assignor.)
Wurton Machine Company. (See Harris, Gordon D., assignor.)
Yancey, John R., assignor to Gray Tool Company, Houston, Tex. Pipe fitting. 2,104,177; Jan. 4.
Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Combining hydrocarbon gases with hydrocarbon liquids. 2,104,285; Jan. 4.
Young, Charles J., Haverford, Pa., assignor to Radio Corporation of America. Apparatus for facsimile recording. 2,104,109; Jan. 4.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,104,601; Jan. 4.
Zagelmeyer Auto Camp Company. (See Zagelmeyer, Frank, assignor.)
Zagelmeyer, Frank, assignor to Zagelmeyer Auto Camp Company, Bay City, Mich. Trailer coupling. 2,104,576; Jan. 4.
Zahm, Joseph D., assignor to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,104,687; Jan. 4.
Zahn, Lawrence J., Long Island City, assignor to The International Postal Supply Company, Brooklyn, N. Y. Separator for canceling machines. 2,104,630; Jan. 4.
Zand, Stephen J., Forest Hills, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Airplane door construction. 2,104,144; Jan. 4.
Zeh, Walter, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Sensitising of silver-halide emulsions. 2,104,044; Jan. 4.
Zeiss Ikon Aktiengesellschaft. (See Nerwin, Hubert, assignor.)
Zendegui, Joseph G. (See Caraballo, M., and Zendegui.)
Zenner, Raymond E., Brookfield, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,104,110; Jan. 4.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Start-stop regenerative repeater. 2,104,251; Jan. 4.
Zuckerman, Adolph M., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Multicolor press arrangement. 2,104,065; Jan. 4.
Zuckermandel, Edward C. (See Coleman, G. H., Hadler, and Zuckermandel.)
Zwack, Raymond T. (See McNeil, C. I., and Zwack.)
Zworykin, Vladimir K., Haddonfield, N. J., assignor to Radio Corporation of America. Television system. 2,104,066; Jan. 4.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 4TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Brake, Speed controlled. T. Tarisien. 20,613; Jan. 4.
Cabinet design. L. H. Derbyshire. 20,610; Jan. 4.
Control for automatic air brake apparatus. M. Reynolds. 20,612; Jan. 4.
Machine for spreading and surfacing road material. A. N. Nickerson. 20,611; Jan. 4.
Ores, Concentration of. G. H. Wigton. 20,614; Jan. 4.

LIST OF PLANT INVENTIONS

Rose. L. Burbank. 266; Jan. 4.
Rose. L. Burbank. 267; Jan. 4.

LIST OF DESIGN INVENTIONS

Badge. A. E. Berry. 107,740; Jan. 4.
Belt sander. H. E. Tuzo. 107,805; Jan. 4.
Block, Rubbing. L. J. Feild. 107,762; Jan. 4.
Blowpipe. L. M. Farnum and C. K. Tessner. 107,820; Jan. 4.
Bookend, humidor, and ashtray, Combination. H. O. Cornwall. 107,749; Jan. 4.
Bottle. A. B. Barnhart. 107,815; Jan. 4.
Bottle. S. D'Addario. 107,760; Jan. 4.
Box, Combination jewelry display. E. Parness and S. Sweet. 107,790; Jan. 4.
Box, Face powder. E. Schiaparelli. 107,796; Jan. 4.
Box or similar cosmetic container. A. B. Barnhart. 107,816; Jan. 4.
Box or similar article, Jewelry. M. L. Bathbun. 107,792–4; Jan. 4.
Bucket, Champagne. H. Robinson. 107,795; Jan. 4.
Cabinet, Air conditioning. A. W. Cauley. 107,747; Jan. 4.
Cabinet, Refrigerator. C. A. Frick. 107,767; Jan. 4.
Case, Cosmetic. A. B. Barnhart. 107,738; Jan. 4.
Case, Refrigerated display. G. J. Hopkins. 107,775; Jan. 4.
Chessmen. G. W. Slater. 107,800; Jan. 4.
Chime, Musical. E. G. Evans. 107,757–60; Jan. 4.
Clip or similar article. A. Katz. 107,776; Jan. 4.
Control unit for electrical apparatus. J. Vassos. 107,809; Jan. 4.
Desk or similar article. H. E. Buchheim. 107,743; Jan. 4.
Dress. S. Comelli. 107,746; Jan. 4.
Dress. E. Kronman. 107,828; Jan. 4.
Dress. E. Kronman. 107,846; Jan. 4.
Dress. J. Shane. 107,797; Jan. 4.
Dress. W. G. Steinman. 107,833; Jan. 4.
Dress. I. Welch. 107,811; Jan. 4.
Dress. S. Zahn. 107,834; Jan. 4.
Dress ensemble. A. Kaplan. 107,822; Jan. 4.
Dress ensemble. J. Kirschner. 107,841; Jan. 4.
Dress or similar article. A. H. Morris. 107,829–30; Jan. 4.
Dress ensemble or similar article. A. H. Morris. 107,831; Jan. 4.
Drip catcher for ice cream cones and the like. W. G. Fair. 107,761; Jan. 4.
Fabric, Textile. B. Borden. 107,817; Jan. 4.
Fabric, Textile. J. G. Donedieu. 107,837; Jan. 4.
Fabric, Textile. R. H. Fatherley. 107,835; Jan. 4.
Fabric, Textile. M. Felleti. 107,821; Jan. 4.
Fabric, Textile. W. Rooney. 107,844; Jan. 4.
Fabric, Textile. W. Rosa. 107,845; Jan. 4.
Fabric or similar article, Printed textile. M. R. Hamre. 107,838–40; Jan. 4.
Fabric or similar article, Textile. W. D. Roberson. 107,842–3; Jan. 4.
Fan and table, Combined circulator. W. L. Kisling. 107,777; Jan. 4.
File, Pocket. L. B. Miller. 107,783; Jan. 4.
Frame, Glider. A. S. Goldberg. 107,773; Jan. 4.
Freezing unit. M. E. Miller. 107,782; Jan. 4.
Game device. L. R. Canterbar. 107,744; Jan. 4.
Generator, Acetylene. M. P. De Motte. 107,751; Jan. 4.
Glass. E. W. Fuerst. 107,768; Jan. 4.
Glass. W. E. Mackelfresh, Jr. 107,781; Jan. 4.
Glider. A. S. Goldberg. 107,772; Jan. 4.
Glove measuring device. R. M. Eisendrath. 107,763; Jan. 4.
Goblet or similar article, Stemmed. E. Bell. 107,739; Jan. 4.
Goblet or similar article. R. A. Kelly. 107,823–4; Jan. 4.
Guard, Electric fan. L. D. Petee. 107,791; Jan. 4.
Handbag. H. Feimann. 107,764–5; Jan. 4.
Helmet, Beauty. R. Martin. 107,836; Jan. 4.
Holder, Serviette. R. M. Thamm. 107,806; Jan. 4.
Jar. D. E. Briner. 107,742; Jan. 4.
Jar, Packer. G. Smith, Jr. 107,801–2; Jan. 4.
Lace. G. M. Boysen. 107,818; Jan. 4.
Lace. G. M. King. 107,825–7; Jan. 4.
Lamp, V. Weidner and F. A. Vogel. 107,810; Jan. 4.
Lamp and smoking stand or the like, Combined, V. Stanzel. 107,804; Jan. 4.
Microphone control. A. L. Moore. 107,785; Jan. 4.
Negligee. M. M. Cohen. 107,819; Jan. 4.
Partition, Draped. M. Lange. 107,779; Jan. 4.
Pencil. R. A. Weissenborn. 107,813; Jan. 4.
Pencil tip. I. Chesler. 107,745; Jan. 4.
Plate for lighting fixtures, Light controlling. E. F. Guth. 107,774; Jan. 4.
Rack for bottled beverages or the like, Display. E. R. Erickson. 107,756; Jan. 4.
Rack for bread, pastry, or the like, Display. E. R. Erickson. 107,754; Jan. 4.
Rack for pastries or the like, Display. E. R. Erickson. 107,755; Jan. 4.
Reflector, Jeweled. L. A. Koch, Jr. 107,778; Jan. 4.
Seesaw apparatus. J. K. Milton and C. Young. 107,784; Jan. 4.
Shaker, Combination salt and pepper. J. Bissell. 107,741; Jan. 4.
Shoe. H. Geller. 107,769; Jan. 4.
Shoe or similar article. B. Feldman. 107,763; Jan. 4.
Shoe or similar article. J. C. Pape. 107,786–9; Jan. 4.
Shoe or similar article. L. Sholtz. 107,798–9; Jan. 4.
Shoe or similar article. S. Troy. 107,807–8; Jan. 4.
Shoe or similar article. A. Wertheim. 107,812; Jan. 4.
Shoe or similar article. W. Zellweger. 107,814; Jan. 4.
Sign, Illuminated. W. A. Lintern. 107,780; Jan. 4.
Stand, Display. C. H. Foster. 107,766; Jan. 4.
Stand for fruit or the like, Display. A. Smith. 107,803; Jan. 4.
Tablecloth, Lace. J. Waterfield. 107,833; Jan. 4.
Tank body, Vehicle. E. H. Gill. 107,771; Jan. 4.
Telephoto recorder. A. G. Cooley. 107,748; Jan. 4.
Truck, Tank. E. H. Gill. 107,770; Jan. 4.
Valve, Hand actuated control. C. Dom. 107,752; Jan. 4.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 4TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrading apparatus. L. D. Pelk. 2,104,055; Jan. 4.
Acetylene generator. R. C. Sabins. 2,104,471; Jan. 4.
Acid esters of hydroxyalkylamino anthraquinones, Phosphorous. F. Baumann. 2,104,256; Jan. 4.
Acid, Manufacture of boric. W. E. Burke and H. de Ropp. 2,104,009; Jan. 4.
Acoustic device. R. N. Marshall. 2,104,432; Jan. 4.
Actuating mechanism for doffing mechanism. J. K. Anderson. 2,104,474; Jan. 4.
Adhesive. R. S. McKinney. 2,104,491; Jan. 4.
Adjusting device, in particular electrical condenser. K. Hengel. 2,104,160; Jan. 4.
Advertising device. J. R. Burcham. 2,104,636; Jan. 4.
Advertising sign. F. E. Schmidt. 2,104,105; Jan. 4.
Aerating device. J. Lockey. 2,104,330; Jan. 4.
Agitating or mixing apparatus. R. A. Webster. 2,104,283; Jan. 4.
Air cooler. A. D. Forbush. 2,104,119; Jan. 4
Air conditioner. C. W. Pierson. 2,104,209; Jan. 4.
Air distributing means. P. F. Sperry. 2,104,279; Jan. 4.
Air draft and smoke consumer. W. B. Hickman. 2,104,127; Jan. 4.
Air resistance of fibrous articles, Apparatus for predicting. E. K. Long. 2,104,047; Jan. 4
Air, Time-controlled means for distributing. S. E. Lyman. 2,104,088; Jan. 4.
Aircraft blind landing beam system. F. W. Dunmore. 2,104,028; Jan 4.
Airplane. J. M. Ballou. 2,104,006; Jan. 4.
Alarm. G. Kratz. 2,104,202; Jan. 4.
Alkyl phenols. H. E. Buc. 2,104,412; Jan 4.
Alloys, Producing lead. F. W. Willard. 2,104,444; Jan. 4.
Alternating current system of distribution. G. A. Matthews. 2,104,131; Jan. 4.
Amines of high molecular weight, Production of. A. Grün. 2,104,421; Jan. 4.
Ammonium compounds, Quaternary. F. Müns, K. Keller, and O. Trösken. 2,104,092; Jan. 4.
Ammonium salts of mercapto-arylenethiazoles, Quaternary. W Baird. 2,104,068; Jan. 4.
Animal trap. J. D. Zahm. 2,104,687; Jan. 4.
Antenna and coupler system. R. B. Dome. 2,104,610; Jan. 4.
Antitheft device for gasoline tanks. F. E. McGillicuddy and M. P. Moeckler. 2,104,132; Jan. 4.
Apparatus for display or advertising purposes. A. W. Wood. 2,104,314; Jan. 4.
Apparatus for treating material including solids and vaporisable material. W. Raisch. 2,104,526; Jan. 4.
Apparel supporting device. H. C. Guyer. 2,104,368; Jan. 4.
Applicator, Nail polish. C. C. Hoffman, Jr. 2,104,651; Jan. 4.
Aqueous emulsion of waterproofing material. E. O. Groskopf. 2,104,077; Jan. 4.
Arc device, Enclosed. R. F. Strickland. 2,104,680; Jan. 4.
Armchair, Collapsible. L. J. Garbaccio. 2,104,255; Jan. 4
Aromatic derivatives, Manufacture of. V. Ipatieff and A. V. Grosse. 2,104,424; Jan. 4.
Artificial substance. O. Röhm and W. Bauer. 2,104,168; Jan. 4.
Aryl amines, Manufacture of. C. L. Thomas. 2,104,407; Jan. 4.
Automatic feed drill. N. O. Grosser. 2,104,123; Jan. 4.
Automobile body construction. J. Galamb. 2,104,457; Jan. 4.
Automobile fuel tank. C. L. Holm. 2,104,461; Jan. 4.
Automobile safety switch. J. A. Barker and R. L. Dew. 2,104,689; Jan. 4.
Axe. J. M. Williams. 2,104,250; Jan. 4.
Bacteria-yeast process of bread manufacture. W. L. Owen. 2,104,054; Jan. 4.
Baking machine for textile materials. W. W. Sibson. 2,104,173; Jan. 4.
Baling press. F. D. Jones. 2,104,199; Jan. 4.
Basket cover. C. G. Leigh. 2,104,262; Jan. 4.
Batteries, Apparatus for charging storage. N. F. Agnew. 2,104,632; Jan. 4.
Belt. Health. L. Horowitz. 2,104,560; Jan. 4.
Binder, Grain. J. Olson and M. O. Smaaladen. 2,104,374; Jan. 4.
Binder, Loose leaf. E. L. Krag. 2,104,046; Jan. 4.
Binder, Loose leaf. H. C. Lenhart. 2,104,659; Jan. 4.
Binder, Loose leaf. A. W. McClure. 2,104,568; Jan. 4.
Blackboard instrument. C. F. Golden. 2,104,515; Jan. 4.

Bleaching composition. H. N. Gilbert and I. J. Wernert. 2,104,120; Jan. 4.
Block: *See*—
Construction block. Roof and floor block.
Block and construction, Building. N. Davidson. 2,104,152; Jan. 4.
Block and jack assembly, Connecting. C. G. McCormick and P. W. Sheateley. 2,104,424; Jan. 4.
Blower. W. H. Leinweber. 2,104,233; Jan. 4.
Board: *See*—
Bulletin board.
Body blanks for tearing strip containers, Preparing. J. M. Hothersall. 2,104,037; Jan. 4.
Boiler. J. F. Kelly. 2,104,229; Jan. 4.
Boilers against caustic embrittlement, Protecting steam. H. H. Richardson. 2,104,528; Jan. 4.
Bolster. G. F. Albrecht. 2,104,216; Jan. 4.
Bolt operating mechanism for machine guns. S. G. Green. 2,104,033; Jan. 4.
Book support, Collapsible universal. S. L. Carr. 2,104,072; Jan. 4.
Booth, Telephone. F. A. Kuntz. 2,104,425; Jan. 4.
Box: *See*—
Electric switch box.
Braking apparatus, Railway. H. C. Clausen. 2,104,185–7; Jan. 4.
Brake mechanism. C. O. Bowers and A. C. Williams. 2,104,702; Jan. 4.
Brake system, Hydraulic. H. C. Bowen. 2,104,220; Jan. 4.
Braking apparatus, Railway. H. L. Bone. 2,104,606–7; Jan. 4.
Brick and tile machine. P. M. Carlisle. 2,104,293; Jan. 4.
Bridge construction. E. Chapman. 2,104,022; Jan. 4.
Brush, Disposable duster. D. E. Harmon. 2,104,196; Jan. 4.
Building material and making same. L. Kirschbraun. 2,104,062; Jan. 4.
Building structure, Insulated. C. J. Van Buren. 2,104,500; Jan. 4.
Bulletin board. T. F. Gossett. 2,104,366; Jan. 4.
Burner: *See*—
Gas burner.
Butter dispenser. I. G. Johnson and W. N. Lurcott. 2,104,041; Jan. 4.
Cabinet: *See*—
Milk cooling cabinet. Utility cabinet.
Sleeping cabinet.
Cabinet. W. Gersten. 2,104,321; Jan. 4.
Cage, Tank holding. J. D. Lewis. 2,104,130; Jan. 4.
Calcium phosphate, alumina and potassium values from their insoluble minerals, Recovery of. G. de Varda. 2,104,295; Jan. 4.
Calculating machine. F. A. Niemann. 2,104,051; Jan. 4.
Camera and projector apparatus, Cinematograph. F. F. M. Abbott. 2,104,631; Jan. 4.
Camera model. E. N. Anketell. 2,104,476; Jan. 4.
Camera, Photographic. H. Nerwin. 2,104,094; Jan. 4.
Cap: *See*—
Valve cap.
Can closure. S. E. Richeson. 2,104,438; Jan. 4.
Can filling machine. C. H. Ayars. 2,104,445; Jan. 4.
Can heading machine. A. J. Fisher. 2,104,224; Jan. 4.
Candle holder. F. D. Sherwood. 2,104,139; Jan. 4.
Canopy for brooder stoves. A. J. and L. W. Meeks. 2,104,662; Jan. 4.
Cap composition, Blasting. L. H. Fisher. 2,104,513; Jan. 4.
Capping head for applying closures to milk bottles and the like. L. D. Pierce. 2,104,671; Jan. 4.
Car: *See*—
Mine car. Railway car.
Motor car.
Caramel cutting machine. P. F. Putney. 2,104,623; Jan. 4.
Carbonising drier. F. B. Morrill. 2,104,135; Jan 4.
Carburetor for combustion engines. A. Abramson. 2,104,315; Jan. 4.
Carrier: *See*—
License plate carrier.
Carrier for pneumatic dispatch tube apparatus. J. T. Needham. 2,104,093; Jan. 4.
Carrying-fixture, especially for knapsacks. R. H. Johansen. 2,104,486; Jan. 4.
Carton. C. Groeling. 2,104,195; Jan. 4.
Casting, Apparatus for. C. E. Sorensen and R. H. McCarroll. 2,104,406; Jan. 4.
Casting apparatus for the registration of printing plates. H. A. W. Wood. 2,104,313; Jan. 4.

Casting machine, Centrifugal. E. G. Touceda. 2,104,380; Jan. 4.
Catamenial sack. J. L. Hughes. 2,104,423; Jan. 4.
Catch, Locking. F. R. Johnson. 2,104,542; Jan. 4.
Cell, Electrolytic. E. Sorensen. 2,104,677–8; Jan. 4.
Cells, Operating electrolytic. E. Sorensen. 2,104,679; Jan. 4.
Cellulose esters, Manufacture of. L. E. Clement. 2,104,023; Jan. 4.
Cellulose ether purification. E. R. Bradshaw. 2,104,017; Jan. 4.
Cementing equipment for wells. W. D. Owsley. 2,104,270; Jan. 4.
Centrifugal separator. W. R. Macklind. 2,104,162; Jan. 4.
Centrifugal vacuum pump. M. A. Schwartz, 2,104,246; Jan. 4.
Ceramic articles, Manufacture of. P. de Leeuw. 2,104,608; Jan. 4.
Chain connecter. O. L. Gerwig. 2,104,193; Jan. 4.
Chair or the like convertible into coach, divan, bed, or the like, Easy. S. Molnar. 2,104,666; Jan. 4.
Charts or the like, Method of and apparatus for printing instrument. A. G. Beal and B. Holmberg. 2,104,551; Jan. 4.
Chloroform. G. H. Coleman, E. C. Hadler, and E. C. Zuckermandel. 2,104,703; Jan. 4.
Chuck, Auxiliary. J. A. St. Clair and D. E. Gommel. 2,104,472; Jan. 4.
Chuck, Crankshaft. W. F. Groene. 2,104,481; Jan. 4.
Churn. A. C. Hougland. 2,104,462; Jan. 4.
Cigar-tip perforating machine. M. Caraballo and J. G. Zendegui. 2,104,292; Jan. 4.
Cigars, Device for perforating the ends of. M. Caraballo and J. G. Zendegui. 2,104,291; Jan. 4.
Circuit: *See*—
Electron tube circuit. Tube delay circuit.
Circuit apparatus, Railway track. P. N. Martin. 2,104,591; Jan. 4.
Circuit breaker. E. Dettar. 2,104,190; Jan. 4.
Circuit controlling device. C. W. Kuhn. 2,104,399; Jan. 4.
Circuit grinding, Closed. A. J. Weinig. 2,104,709; Jan. 4.
Circuit, Variable mechanical means for an oscillation. H. Muth. 2,104,569; Jan. 4.
Circuits, Amplifier control. B. D. H. Tellegen. 2,104,682; Jan. 4.
Circuits, Electric valve. E. F. W. Alexanderson. 2,104,633; Jan. 4.
Circuits, Electric valve. B. D. Bedford. 2,104,690; Jan. 4.
Circuits, Gas-filled tube. L. K. Swart. 2,104,142; Jan. 4.
Clamp and scaffold for welding operations. A. J. Mendive. 2,104,622; Jan. 4.
Cleaner: *See*—
Vacuum cleaner.
Clock, Alarm. J. J. Drabin. 2,104,611; Jan. 4.
Closure for bottles, Indicating. L. L. Mermer. 2,104,236; Jan. 4.
Closure for containers. B. F. Cahoon. 2,104,413; Jan. 4.
Closure for containers. J. C. Hoffman. 2,104,540; Jan. 4.
Closure for fiber containers. R. D. Heymann. 2,104,344; Jan. 4.
Closure operating device. J. Slatinsky. 2,104,498; Jan. 4.
Closure, Receptacle. C. G. Natha, Jr. 2,104,593; Jan. 4.
Clutch: *See*—
Freewheeling clutch.
Clutch. J. C. Simons and H. S. Swope. 2,104,174; Jan. 4.
Clutch and brake mechanism, Power operated. H. Ford. 2,104,455; Jan. 4.
Clutch for multiple V-belt drives, Automatic. F. R. Erbach. 2,104,074; Jan. 4.
Clutch and reverse gear. A. G. Langdon. 2,104,658; Jan. 4.
Clutch mechanism. O. H. Banker. 2,104,014; Jan. 4.
Clutch mechanism. G. P. Marsden. 2,104,265; Jan. 4.
Clutch mechanism for automotive vehicles. J. Stocker. 2,104,312; Jan. 4.
Clutch mechanism for typewriting machines. J. L. Hillis. 2,104,559; Jan. 4.
Clutch plate, Friction. B. A. Swennes. 2,104,106; Jan. 4.
Clutch shaft construction for automotive power plants, Flexible. C. D. Peterson. 2,104,669; Jan. 4.
Coal and the like, Method and apparatus for mining. G. L. Bennett. 2,104,579; Jan. 4.
Coating, Lacquer-undercoat protective. W. L. Pringle. 2,104,240; Jan. 4.
Coating, Method of. K. B. Crooks. 2,104,637; Jan. 4.
Cold header, Double stroke. J. H. Friedman. 2,104,297; Jan. 4.
Combination lock. O. A. Hage. 2,104,516; Jan. 4.
Communication system. H. J. Nichols. 2,104,571; Jan. 4.
Communication system. A. R. Noll. 2,104,545; Jan. 4.
Communication system, Synchronous. H. J. Nichols. 2,104,570; Jan. 4.
Communication system, Synchronous. H. J. Nichols and H. L. Tholstrup. 2,104,572; Jan. 4.
Commutators, Manufacturing. B. Stevens, Jr. 2,104,141; Jan. 4.
Compact or the like. T. Schlegull. 2,104,104; Jan. 4.
Composition for treatment of seeds. J. R. Boeer and G. Kossel. 2,104,316; Jan. 4.
Composition of matter for artificial stone. G. Paghcholan. 2,104,353; Jan. 4.
Composition of fatty matter and stabilising same. A. S. Richardson. 2,104,242; Jan. 4.
Concrete composition. J. Drangelis. 2,104,477; Jan. 4.
Condenser: *See*—
Electrolytic condenser.
Conditioner for passenger vehicles, Spray type. S. M. Anderson. 2,104,475; Jan. 4.
Conduit, Manufacture of flexible. G. A. Gleason. 2,104,121; Jan. 4.
Connecter: *See*—
Chain connecter.
Connecting means for ophthalmic mountings, Forming. N. M. Baker. 2,104,503; Jan. 4.
Connecting rod, Geared. P. G. Wellenkemp. 2,104,599; Jan. 4.
Construction block. A. B. Dow and R. Goodall. 2,104,585; Jan. 4.
Container: *See*—
Mailing container.
Container. C. A. Arnesen. 2,104,005; Jan. 4.
Container. C. L. Graber. 2,104,031; Jan. 4.
Container and making same. J. Gutmann. 2,104,322; Jan. 4.
Containers, Extruding metal. H. Decker. 2,104,222; Jan. 4.
Control for automatic air brake apparatus. M. Reynolds. 2,104,392; Jan. 4.
Control mechanism for fish lock drainage, Automatic. J. P. Joliffe. 2,104,042; Jan. 4.
Control system. F. M. Roberts and E. H. Sills. 2,104,674; Jan. 4.
Control system for furnaces. R. Colston. 2,104,221; Jan. 4.
Conversion products of dyestuffs and making same. F. Straub and H. Mayer. 2,104,357; Jan. 4.
Conveyer Casing. M. M. Campbell. 2,104,450; Jan. 4.
Cooker, Electric. E. Lewis. 2,104,465; Jan. 4.
Cookie machine. S. Rodnick. 2,104,529; Jan. 4.
Cooking, heating, or like apparatus for treating tins of food or other articles. H. D. Calvin. 2,104,514; Jan. 4.
Cooler: *See*—
Air cooler. Milk cooler.
Cork composition and manufacture. G. B. Cooke and S. I. Wilbur. 2,104,092; Jan. 4.
Corrugated structure. A. L. Spafford. 2,104,060; Jan. 4.
Corset. C. H. Schopbach and L. Babcock. 2,104,277; Jan. 4.
Couch for use in motor vehicles, Reclining. A. Matthies. 2,104,372; Jan. 4.
Coupling: *See*—
Jointed coupling. Trailer coupling.
Cover: *See*—
Basket cover. Tire cover.
Coverall. W. L. Abel. 2,104,145; Jan. 4.
Crusher, Ice cube. A. Adamczyk. 2,104,577; Jan. 4.
Crustacea, Process of and apparatus for treating. P. A. Dubus. 2,104,027; Jan. 4.
Cultivator and weed cutter, Combined. W. Ackerman. 2,104,004; Jan. 4.
Cup mouthpiece for brass instrument. A. A. Lunow. 2,104,388; Jan. 4.
Cups, Forming paper. C. Barbieri. 2,104,535; Jan. 4.
Cupola, Hot blast. C. D. Barr and D. O. Holmes. 2,104,393; Jan. 4.
Curtain support. C. Landau. 2,104,261; Jan. 4.
Cutter clamping mechanism. J. S. Bartek. 2,104,604; Jan. 4.
Cylinder lock. N. B. Hurd. 2,104,397; Jan. 4.
Decoration of elongated surfaces, Method and apparatus for the. O. D. King. 2,104,044; Jan. 4.
Degreasing apparatus. F. F. Ruthven. 2,104,103; Jan. 4.
Degreasing, Method for. F. F. Ruthven. 2,104,102; Jan. 4.
Dental X-ray film package. J. A. Saffir. 2,104,715; Jan. 4.
Desk stand, Fountain pen. O. Senf. 2,104,676; Jan. 4.
Dice game accessory. J. M. Perry. 2,104,375; Jan. 4.
Dietary and digestive data, Apparatus for correlating. O. Smith. 2,104,334; Jan. 4.
Dispenser: *See*—
Butter dispenser.
Liquid refrigerating dispenser.
Dispenser for beverages, Refrigerating. G. B. Marsolf. 2,104,466; Jan. 4.
Dispensing and measuring device, Rotatable. C. J. Rohde and M. T. Menier. 2,104,332; Jan. 4.
Door construction, Airplane. S. J. Zand. 2,104,144; Jan. 4.
Door lamp switch, Refrigerator. F. H. Osborne. 2,103,164; Jan. 4.
Door locking and window operating device for automobiles and the like. E. D. Dall. 2,104,639; Jan. 4.
Door stay and holder. E. J. Sibley. 2,104,172; Jan. 4.
Door stop and check. A. H. Haberstump. 2,104,124; Jan. 4.
Dough, Apparatus for treating. C. R. Wagener and A. J. Faulhaber. 2,104,282; Jan. 4.
Dough divider. F. Marasso. 2,104,432; Jan. 4.
Dough divider. J. C. Menapace and G. Kalifels. 2,104,305; Jan. 4.
Draft equalizer, Forced feed. W. Barends. 2,104,504; Jan. 4.

Draft rigging. E. H. Blattner. 2,104,114; Jan. 4.
Draftsman's instrument. J. V. Rich. 2,104,354; Jan. 4.
Drier: *See*—
Carbonising drier.
Drill: *See*—
Automatic feed drill.
Drilling rig, Portable. J. C. Curtis. 2,104,341; Jan. 4.
Drilling rig, Portable. C. A. Hirschberg. 2,104,323; Jan. 4.
Drive, Hydraulic forward and reverse. K. Umlauff. 2,104,213; Jan. 4.
Drive, Refrigeration. M. E. Hanson. 2,104,696; Jan. 4.
Drum, Cooling. M. M. Guggenheim. 2,104,558; Jan. 4.
Dust separator. H. Van Rosen and G. W. Lapp. 2,103,683; Jan. 4.
Dust suction device for cleaning fur clothing, etc. S. Lanyi. 2,104,400; Jan. 4.
Dyeings, Obtaining colored discharge effects on. R. Haller and C. Graenacher. 2,104,300; Jan. 4.
Dyeings on cellulosic fibers. H. Berthold. 2,104,505; Jan. 4.
Dyestuffs, Manufacture of substantive. E. Schirm. 2,104,595; Jan. 4.
Earth components from wells, Recovering. M. H. Kotsebue. 2,104,327–8; Jan. 4.
Educational apparatus. P. E. Dougherty. 2,104,718; Jan. 4.
Electric discharge device. G. E. Inman. 2,104,652; Jan. 4.
Electric generator. G. W. Rawlings. 2,104,707; Jan. 4.
Electric lamp. E. E. W. Kassner. 2,104,697; Jan. 4.
Electric snap switch. G. J. Meuer. 2,104,206; Jan. 4.
Electric switch. H. Goudet and R. Sénaème. 2,104,458; Jan. 4.
Electric switch. C. J. Groven. 2,104,420; Jan. 4.
Electric switch box. J. C. Richardson. 2,104,167; Jan. 4.
Electric system. W. N. Tuttle. 2,104,336; Jan. 4.
Electron tube. I. G. Maloff. 2,104,566; Jan. 4.
Electrical furnace. B. Cousteix. 2,104,555; Jan. 4.
Electrical relay. N. F. Agnew and B. Mishelevich. 2,104,602–3; Jan. 4.
Electrolytic condenser. J. B. Brennan. 2,104,019; Jan. 4.
Electrolytic device and making same. J. B. Brennan. 2,104,018; Jan. 4.
Electron tube circuits, Balanced. W. Soller. 2,104,211; Jan. 4.
Electro-therapeutic device. T. J. Curtis. 2,104,252; Jan. 4.
Elevator control system. W. F. Eames. 2,104,478; Jan. 4.
Elevator control system. R. W. Jones. 2,104,522; Jan. 4.
Enamel, Nonoily vitreous. F. Shurley. 2,104,531; Jan. 4.
Engine: *See*—
Internal combustion engine.
Engine synchronizer, Airplane. B. G. Carlson. 2,104,582; Jan. 4.
Engine with a gyratory piston, Rotary. A. Heerde. 2,104,517; Jan. 4.
Escutcheon, Handle assembly. S. C. Barnes. 2,104,217; Jan. 4.
Ethers of morphine and dihydromorphine and their respective N-oxides. L. F. Small. 2,104,058; Jan. 4.
Expansion joint. H. C. Jussen and V. V. Malcolm. 2,104,371; Jan. 4.
Facsimile recording, Apparatus for. C. J. Young. 2,104,109; Jan. 4.
Fastener: *See*—
Panel fastener. Spring fastener.
Fastening device.—J. J. Schaefer. 2,104,496; Jan. 4.
Fats and oils, Stabilization of animal and vegetable. H. Bradshaw. 2,104,070; Jan. 4.
Fats and oils, Stabilization of animal and vegetable. G. H. Latham. 2,104,084; Jan. 4.
Faucet. M. J. Gondolf. 2,104,640; Jan. 4.
Feeder for pens, Quick cleaning. R. F. George. 2,104,479; Jan. 4.
Feeding mechanism for rock drills. J. C. Curtis. 2,104,712; Jan. 4.
Filling device. H. Files. 2,104,454; Jan. 4.
Films made from viscose to paper and the like, Applying. C. Scott. 2,104,057; Jan. 4.
Filter: *See*—
Light filter.
Filter. L. W. Watson. 2,104,473; Jan. 4.
Fingerprinting. M. E. Freudenheim. 2,104,586; Jan. 4.
Firearm, Repeating. V. A. Browning. 2,104,581; Jan. 4.
Fireplace. E. W., C. G., and C. W. Fogerty. 2,104,254; Jan. 4.
Fishing rod, Laminated. F. M. O'Brien, Jr. 2,104,494; Jan. 4.
Fitting, Pothead. J. B. Webb. 2,104,108; Jan. 4.
Fixture for milling machines. W. Mielin. 2,104,267; Jan. 4.
Flask. C. L. Graber. 2,104,704; Jan. 4.
Floor, roof, and like structure. S. Szegö. 2,104,443; Jan. 4.
Flooring, Forming end grain. T. H. Miller. 2,104,307; Jan. 4.
Fluid metering device. H. C. Hill. 2,104,590; Jan. 4.
Fluid, Method and apparatus for lifting. A. Boynton. 2,104,008; Jan. 4.
Food mixer. H. Nielsen. 2,104,268; Jan. 4.
Footwear. S. Troy. 2,104,598; Jan. 4.
Footwear, Process of lasting. J. S. Kamberian. 2,104,228; Jan. 4.
Fractionation. P. J. Roelfsema. 2,104,310; Jan. 4.
Frame: *See*—
Handbag frame.
Fraud detector. J. S. Kahn. 2,104,079; Jan. 4.
Freewheeling clutch. S. Fischer. 2,104,320; Jan. 4.
Frost control. A. Bloom. 2,104,219; Jan. 4.
Fuel. C. C. Cailis. 2,104,021; Jan. 4.
Fuel burning apparatus, Liquid. F. O. Cole. 2,104,691; Jan. 4.
Fuel charge for internal combustion engines, Forming a. A. R. Baker. 2,104,013; Jan. 4.
Fuel distributing apparatus. N. M. Lower. 2,104,706; Jan. 4.
Fuel pump. A. M. Babitch and G. W. Harry. 2,104,446; Jan. 4.
Fuel pump. A. M. Babitch and G. W. Harry. 2,104,448; Jan. 4.
Fuel, Treatment of motor. J. C. Morrell. 2,104,049; Jan. 4.
Furnace: *See*—
Electrical furnace. Warm air furnace.
Normalizing furnace.
Furnace. G. J. Judd. 2,104,227; Jan. 4.
Furnace. W. F. Paradise. 2,104,096; Jan. 4.
Furnace process, Electric. G. B. Self. 2,104,530; Jan. 4.
Fuse for hand grenades and projectiles. L. Demeter. 2,104,508; Jan. 4.
Gain control, Automatic. A. J. H. van der Ven. 2,104,107; Jan. 4.
Game apparatus. D. C. Rockola. 2,104,574; Jan. 4.
Garage door mounting. W. J. MacEvoy. 2,104,430; Jan. 4.
Garment. F. C. Kessler. 2,104,487; Jan. 4.
Garment hanger. L. M. Marble. 2,104,306; Jan. 4.
Garment, Raglan sleeve. R. B. Blood. 2,104,238; Jan. 4.
Gas burner. F. W. Cohrs. 2,104,317; Jan. 4.
Gases with hydrocarbon liquids, Combining hydrocarbon. M. P. Youker. 2,104,285; Jan. 4.
Gaseous electric discharge device. M. J. Druyvesteyn and N. Warmoltz. 2,104,073; Jan. 4.
Gauge: *See*—
Micrometer gauge.
Gears, Method of and machine for producing. A. H. Candee. 2,104,184; Jan. 4.
Generator: *See*—
Acetylene generator. Magneto generator.
Electric generator.
Geophysical prospecting by the comparison of steady state potentials. L. Statham and L. W. Blau. 2,104,440; Jan. 4.
Girdle. S. Levy. 2,104,203; Jan. 4.
Glass cleaning implement, Window. L. Koukal. 2,104,161; Jan. 4.
Glass drawing apparatus. H. L. Halbach. 2,104,460; Jan. 4.
Glass, Method and apparatus for feeding molten. F. L. O. Wadsworth. 2,104,215; Jan. 4.
Glass transfer and turn-over apparatus, Plate. H. S. Heichert. 2,104,422; Jan. 4.
Governor, Accelerator. E. M. Hinton. 2,104,649; Jan. 4.
Grease testing machine. P. McJunkin. 2,104,163; Jan. 4.
Grill, Camp. S. K. Wolf. 2,104,534; Jan. 4.
Grinding apparatus. V. E. Anderson. 2,104,147; Jan. 4.
Grinding or filing machine, Portable. H. J. Pattison and W. K. Barton. 2,104,436; Jan. 4.
Guide, Bread slicer. M. C. Schultz. 2,104,278; Jan. 4.
Guide device. S. Findlater. 2,104,117; Jan. 4.
Guide for woodworking machines, Work. T. L. Hedgpeth. 2,104,158; Jan. 4.
Gyro stabilizer. M. S. Gonzáles. 2,104,226; Jan. 4.
Hair net construction, Knitted. H. F. Goldsmith. 2,104,538; Jan. 4.
Hammer, Pneumatic. J. W. Osborn. 2,104,468; Jan. 4.
Handbag frame. E. Foster. 2,104,098; Jan. 4.
Handgrip especially adapted for guns. C. W. Kress. 2,104,129; Jan. 4.
Handle assembly, Door. J. H. Roethel. 2,104,403; Jan. 4.
Hanger: *See*—
Garment hanger.
Headlamp construction. W. H. Peters. 2,104,437; Jan. 4.
Heater. J. Jangers. 2,104,592; Jan. 4.
Heater for gaseous media. H. Koppers. 2,104,201; Jan. 4.
Heating and ventilating of passenger cars. E. A. Halbleib. 2,104,394; Jan. 4.
Heating means, Electrical. H. George and G. Delpech. 2,104,557; Jan. 4.
Hemostat. L. A. Eshman. 2,104,029; Jan. 4.
Heel making machine, Wood. H. A. Bertram. 2,104,115; Jan. 4.
High frequency receiver. G. W. Fyler. 2,104,616; Jan. 4.
Holder: *See*—
Candle holder. Mop holder.
Holder for stick material. C. N. Ceryell. 2,104,364; Jan. 4.
Holder for yarn drying machines, Warp beam. M. L. Crain and C. B. Smith. 2,104,507; Jan. 4.
Holder, writing and study board, Combination book. G. J. Porter. 2,104,524; Jan. 4.
House, Camp. L. Hickey. 2,104,648; Jan. 4.

Hull construction, Welded. J. H. Odenbach and J. Cattanach. 2,104,053; Jan. 4.
Hydrocarbons, Converting. F. E. Frey. 2,104,206; Jan. 4.
Ignition for internal combustion engines for aircraft, System of. H. E. W. West. 2,104,600; Jan. 4.
Illuminated sign. C. J. Wamser. 2,104,337; Jan. 4.
Image transmission system. W. S. Lemmon and C. J. Fitch. 2,104,544; Jan. 4.
Impression control for cutting and creasing presses. L. F. Remington. 2,104,537; Jan. 4.
Impulse repeater. F. S. Kinstead. 2,104,426; Jan. 4.
Incandescent lamp. D. P. Gallagher. 2,104,556; Jan. 4.
Indasolones. J. Lee. 2,104,348; Jan. 4.
Ink to ink transfer members, Supplying. G. E. Pelton and E. L. Jester. 2,104,469; Jan. 4.
Inking device. D. Hoppenstand. 2,104,296; Jan. 4.
Inseam measuring device. J. Turpan. 2,104,175; Jan. 4.
Insect shields for automobiles. L. B. Jones. 2,104,665; Jan. 4.
Insole. F. S. Mees. 2,104,133; Jan. 4.
Interference in radio reception, Suppressing. H. B. Breedlove. 2,104,635; Jan. 4.
Internal combustion engine. A. T. Bremser. 2,104,150; Jan. 4.
Internal combustion motor, Two cycle. E. J. Knox. 2,104,326; Jan. 4.
Iron and Portland cement in a blast furnace, Simultaneous production of. W. Lenalings and E. Karwat. 2,104,564; Jan. 4.
Iron surfaces, Pretreating. A. Kreidl. 2,104,427; Jan. 4.
Iron, Treatment of rustless. J. N. Ostrofsky. 2,104,667; Jan. 4.
Irradiation, Method of. G. C. Supplee. 2,104,681; Jan. 4.
Jig. J. A. Montgomery. 2,104,090; Jan. 4.
Joint: *See*—
Expansion joint. Rail joint.
Pipe joint.
Joint filling device. V. Lines. 2,104,036; Jan. 4.
Joint for a rear view mirror, Ball. L. G. Ponce. 2,104,099; Jan. 4.
Joints, Sealing expansion. W. G. Snelling. 2,104,059; Jan. 4.
Jointed coupling. K. Rosenbaum. 2,104,101; Jan. 4.
Juices, Preservation of fruit. A. M. Davies. 2,104,415; Jan. 4.
Junction adapter. A. Corbett. 2,104,451; Jan. 4.
Juvenile vehicle. H. L. Kraeft. 2,104,346; Jan. 4.
Kit, Combination pocket. M. Schein. 2,104,430; Jan. 4.
Kit, Denture. O. A. Roland. 2,104,470; Jan. 4.
Knife, Furrier's. E. A. Schmidt. 2,104,276; Jan. 4.
Knitting machine. R. H. Lawson. 2,104,231–2; Jan. 4.
Knitting machine of the double axially opposed needle cylinder type, Circular. E. Spiers and J. C. H. Hurd. 2,104,626; Jan. 4.
Ladder construction. P. N. Howard. 2,104,303; Jan. 4.
Lamp: *See*—
Electric lamp. Incandescent lamp.
Latch: *See*—
Window latch.
Latch plate, Safety. D. R. Richardson. 2,104,309; Jan. 4.
Lathe tool. K. N. Nichols. 2,104,238; Jan. 4.
Lead borate, Manufacture of. S. W. Stockdale, E. F. Weaver, and S. P. Tinnes. 2,104,549; Jan. 4.
Lead recovery. F. F. Frick and J. P. Cooper. 2,104,076; Jan. 4.
License plate carrier. J. Kies. 2,104,230; Jan. 4.
Light filter. E. Merkel and C. Wiegand. 2,104,492; Jan. 4.
Light fixture, Electric. W. P. Crockett and W. P. Crockett, Jr. 2,104,414; Jan. 4.
Lighter, Automatic oven. F. A. Gauger. 2,104,298; Jan. 4.
Lighter, Rotary match. H. G. Klassen. 2,104,464; Jan. 4.
Line resonator. J. W. Conklin. 2,104,554; Jan. 4.
Line squaring device. H. L. Prout. 2,104,377; Jan. 4.
Liner, Garbage can. E. E. Wood. 2,104,686; Jan. 4.
Liquid delivery apparatus. G. W. Stedwell. 2,104,597; Jan. 4.
Liquid feed for storage batteries, Automatic. O. S. Rainer. 2,104,672; Jan. 4.
Liquid pressure regulating valve. T. W. Murphy. 2,104,390; Jan. 4.
Liquid refrigerating dispenser. G. B. Marzolf. 2,104,467; Jan. 4.
Liquid weight meter. W. S. Clarkson. 2,104,010; Jan. 4.
Liquids, Apparatus and method for treatment of. W. B. Kerrick. 2,104,705; Jan. 4.
Liquids, Apparatus for pumping and mixing. F. C. Metzger. 2,104,663; Jan. 4.
Liquids, Preservation of. F. C. Blanck, T. I. Swenson, H. H. Mottern, H. E. Goresline, and E. K. Nelson. 2,104,710; Jan. 4.
Liquors, Manufacture of spirituous. F. G. Ring. 2,104,243–4; Jan. 4.
Loading machine. W. W. Sloane. 2,104,247; Jan. 4.
Lock: *See*—
Combination lock. Riot lock.
Cylinder lock.
Locking and operating system for cell doors, Safety. H. P. Manly. 2,104,661; Jan. 4.
Locking device, Security. J. J. Martinez and D. S. Cusi. 2,104,204; Jan. 4.
Loop feed for machines for applying ornamentation to header loops, Automatic. H. A. Klahre. 2,104,398; Jan. 4.
Lubricant. P. J. Wieszevich. 2,104,408; Jan. 4.
Lubricant. P. J. Wieszevich. 2,104,409; Jan. 4.
Lubricating apparatus. D. G. Adams. 2,104,146; Jan. 4.
Lubricating preparation. H. F. Green. 2,104,641; Jan. 4.
Lubricator: *See*—
Rail and wheel flange lubricator.
Machine for arranging disks having peripheral projections in a predetermined order. L. E. La Bombard. 2,104,657; Jan. 4.
Machine for forming coin gauges. G. A. Long. 2,104,620; Jan. 4.
Machine for operating upon shoe-heels. C. G. Brostrom. 2,104,183; Jan. 4.
Machine for producing spaced groups of tufts on fabric. E. H. Bradwell. 2,104,634; Jan. 4.
Machine tool. J. Grundstein. 2,104,299; Jan. 4.
Magneto generator. W. J. Spengler. 2,104,140; Jan. 4.
Magnifying and illuminating device. C. Jones. 2,104,198; Jan. 4.
Mailing container. E. G. Overly. 2,104,352; Jan. 4.
Manifold construction. D. E. Anderson. 2,104,178; Jan. 4.
Massage device. B. B. Lipsner. 2,104,429; Jan. 4.
Match book. T. J. McKinnon, Jr. 2,104,621; Jan. 4.
Materials, Continuous treatment of. G. D. Harris. 2,104,036; Jan. 4.
Materials with alkaline liquids of mercerising strength, Treating fibrous. K. Brodersen. 2,104,290; Jan. 4.
Measuring apparatus. C. L. McNeil and R. T. Zwack. 2,104,373; Jan. 4.
Measuring device. G. L. Greene. 2,104,642; Jan. 4.
Meat cutting and slicing machine. C. G. Biro. 2,104,360; Jan. 4.
Metal, Manufacture of expanded. M. G. Vass. 2,104,249; Jan. 4.
Metal plating. F. F. Oplinger. 2,104,269; Jan. 4.
Metal, Soldering, welding and coating. E. H. E. Johansson. 2,104,370; Jan. 4.
Meter: *See*—
Liquid weight meter. Output dose meter.
Methane, Manufacture of halogenated derivatives of. W. W. Gleave. 2,104,695; Jan. 4.
Micrometer gauge. P. Glouton. 2,104,194; Jan. 4.
Milk cooler, Storage. J. E. Wilson, Jr. 2,104,685; Jan. 4.
Milk cooling cabinet, Sanitary steel. J. E. Wilson, Jr. 2,104,684; Jan. 4.
Mine car. W. D. Hockensmith, Jr. 2,104,395; Jan. 4.
Mixer: *See*—
Food mixer.
Mixing apparatus. J. M. Flynn. 2,104,191; Jan. 4.
Modulation system. H. E. Hollmann. 2,104,541; Jan. 4.
Mop holder. E. Preisser. 2,104,331; Jan. 4.
Mop, Self-shaking dust. J. C. Finfrock. 2,104,614; Jan. 4.
Motor: *See*—
Internal combustion motor.
Motor car. W. Hücker. 2,104,539; Jan. 4.
Motor control system. B. W. Jones. 2,104,654; Jan. 4.
Motor for motor vehicles, Generator and/or starting. J. Kales. 2,104,259; Jan. 4.
Motor vehicle. F. C. Best. 2,104,182; Jan. 4.
Mounting: *See*—
Garage door mounting.
Mounting means for glass veneer. I. S. Leland. 2,104,085; Jan. 4.
Mower with side cutter units, Power lawn. J. B. Pol and W. F. Krenecke. 2,104,719; Jan. 4.
Mowers, Attachment for lawn. C. T. Fish. 2,104,343; Jan. 4.
Muffler. H. S. Powell. 2,104,376; Jan. 4.
Necktie, Bow. S. Sherman. 2,104,625; Jan. 4.
Normalising furnace. C. B. Hoak. 2,104,518; Jan. 4.
Nozzle attachment, Electric vacuum sweeper. C. E. Hain. 2,104,125; Jan. 4.
Oil and water separator. P. B. Nibecker and R. R. McDonell. 2,104,050; Jan. 4.
Oil, Solvent refining of mineral. D. Stryker and J. H. Grahame. 2,104,379; Jan. 4.
Oil, Treating hydrocarbon. R. E. Manley. 2,104,567; Jan. 4.
Oils and recovering solvent, Process for solvent treating. E. V. Murphree and E. D. Reeves. 2,104,401; Jan. 4.
Oils, Lubricating. M. Pier, W. Hirschberger, and H. Lemme. 2,104,097; Jan. 4.
Oils, Treatment of hydrocarbon. G. Egloff. 2,104,418; Jan. 4.
Olefine ethers, Production of. H. C. Chitwood and G. A. Perkins. 2,104,717; Jan. 4.
Opener, Can. R. T. Killman. 2,104,489; Jan. 4.
Optometric apparatus. W. B. Bice and B. W. Kelly. 2,104,552; Jan. 4.
Ore, Roasting. E. J. Mullen. 2,104,091; Jan. 4.
Ore separator. H. J. MacCamy. 2,104,349; Jan. 4.
Ornament. J. W. Stark. 2,104,248; Jan. 4.
Ornamentation work. J. G. Perseguiti. 2,104,547; Jan. 4.
Orthodontic appliance. J. W. Ford. 2,104,192; Jan. 4.
Output dose meter. H. Pychlau. 2,104,378; Jan. 4.
Package and packaging, Baked loaf fraction. G. C. Papendick. 2,104,095; Jan. 4.

Package dispensing device. L. Lichtenstein. 2,104,523; Jan. 4.
Pail and egg crate, Dinner. H. W. Hoessman. 2,104,650; Jan. 4.
Paint composition. P. L. F. Magill and C. Dangelmajer. 2,104,264; Jan. 4.
Panel fastener. J. H. Bates. 2,104,550; Jan. 4.
Panel structure. H. E. Marks. 2,104,089; Jan. 4.
Paper, Decalcomania. L. Davis. 2,104,025; Jan. 4.
Paper or fiberboard. Apparatus for making saturated, oiled, filled, or coated. I. J. Novak. 2,104,052; Jan. 4.
Paper web support. J. B. Janney. 2,104,494; Jan. 4.
Pavements, Production of hot mix cold laid bituminous. C. M. Baskin. 2,104,410; Jan. 4.
Paving mixture, Producing a hot mix, cold laid. C. M. Baskin. 2,104,411; Jan. 4.
Pen, Fountain. W. R. Cuthbert. 2,104,638; Jan. 4.
Pessary applicator. L. Schleicher. 2,104,275; Jan. 4.
Phase modulation, Multiple. M. G. Crosby. 2,104,318; Jan. 4.
Phonograph, Automatic. C. H. Green. 2,104,032; Jan. 4.
Picture apparatus, Talking motion. A. D. Lasseiter. 2,104,428; Jan. 4.
Picture stand. J. Hambeck. 2,104,256; Jan. 4.
Pile for sheet pilings, Hollow. W. C. Köhler and A. Mauterer. 2,104,490; Jan. 4.
Piling section. A. Borberg. 2,104,116; Jan. 4.
Piling, Sheet. E. C. Molke. 2,104,665; Jan. 4.
Pin for eyeglasses and the like, Supporting. H. E. Droll. 2,104,612; Jan. 4.
Pipe fitting. J. R. Yancey. 2,104,177; Jan. 4.
Pipe joint. A. E. Osborn. 2,104,351; Jan. 4.
Pipe rolling device. W. F. Cummings. 2,104,362; Jan. 4.
Pipette, Mixing. W. Jaffa. 2,104,325; Jan. 4.
Piston. E. T. Larkin. 2,104,347; Jan. 4.
Piston. A. L. Nelson. 2,104,350; Jan. 4.
Piston ring expander. F. H. Given. 2,104,225; Jan. 4.
Plate and using same, Planographic printing. W. T. Hagelin. 2,104,126; Jan. 4.
Plates, Registering printing. L. W. Claybourn. 2,104,553; Jan. 4.
Plunger for pumps, Fluid packed. F. W. Robinson. 2,104,274; Jan. 4.
Pocket shaper. A. J. Barnett. 2,104,111; Jan. 4.
Postage meter machine. A. A. Royce and M. L. Beyer. 2,104,624; Jan. 4.
Postage printing and metering machine. E. Persson. 2,104,668; Jan. 4.
Potential, Source of variable high direct. J. B. Johnson and F. W. Kammerer. 2,104,463; Jan. 4.
Preservative and contact coat for light-sensitive devices. G. W. Hewitt. 2,104,483; Jan. 4.
Press: *See*—
Baling press. Screw press.
Press arrangement, Multicolor. A. M. Zuckerman. 2,104,065; Jan. 4.
Press mechanism. E. D. Rapisarda. 2,104,308; Jan. 4.
Press unit, Rotary. A. E. Dowell. 2,104,026; Jan. 4.
Pressure regulating device. P. S. Russel. 2,104,700; Jan. 4.
Printing telegraph apparatus. R. E. Zenner. 2,103,110; Jan. 4.
Propeller, Aircraft. L. L. Miles. 2,104,207; Jan. 4.
Pump: *See*—
Centrifugal vacuum pump. Vacuum pump.
Fuel pump.
Punching machine, Automatic. C. D. Lake. 2,104,542; Jan. 4.
Radiator cleaning composition. W. B. Hendrey. 2,104,385; Jan. 4.
Radiator siphon trap. E. N. Grogan. 2,104,367; Jan. 4.
Radio direction finder. C. S. Franklin. 2,104,075; Jan. 4.
Radio signaling system. E. H. Armstrong. 2,104,011; Jan. 4.
Radio signaling system, Multiplex. E. H. Armstrong. 2,104,012; Jan. 4.
Rail and wheel flange lubricator. H. G. Warr. 2,104,176; Jan. 4.
Rail joint. P. Forcella. 2,104,157; Jan. 4.
Rail joint. P. Pelletier and P. Vaillancourt. 2,104,165; Jan. 4.
Railway car. W. E. Wine. 2,104,359; Jan. 4.
Range, Electric hot water. O. A. Knopp. 2,104,045; Jan. 4.
Recording apparatus for blood sedimentation tests. A. P. Proskouriakoff. 2,104,525; Jan. 4.
Reel seat for fishing rods. F. M. O'Brien, Jr. 2,104,495; Jan. 4.
Refrigerating apparatus. D. F. Alexander, C. F. Henney, and C. L. Paulus. 2,104,148; Jan. 4.
Refrigerating apparatus. D. F. Alexander, C. L. Paulus, and C. F. Henney. 2,104,381; Jan. 4.
Refrigerating apparatus. D. F. Alexander, C. F. Henney, and C. L. Paulus. 2,104,382; Jan. 4.
Refrigerating apparatus. P. M. Bratten. 2,104,711; Jan. 4.
Refrigerating apparatus. R. R. Candor and D. F. Alexander. 2,104,383; Jan. 4.
Refrigerating apparatus. R. S. Gaugler. 2,104,587; Jan. 4.
Refrigerating apparatus. W. Gifford. 2,104,480; Jan. 4.
Refrigerating apparatus. F. W. Hartman. 2,104,589; Jan. 4.
Refrigerating apparatus. H. B. Hull. 2,104,386; Jan. 4.
Refrigerating apparatus. H. B. Hull and D. F. Alexander. 2,104,387; Jan. 4.
Refrigerating apparatus. E. F. Schweller. 2,104,548; Jan. 4.
Refrigeration apparatus. J. P. Kemp. 2,104,260; Jan. 4.
Refuse incineration. G. F. Hurt. 2,104,040; Jan. 4.
Register. F. C. Oltrogge. 2,104,206; Jan. 4.
Register, Cash. C. W. Green. 2,104,588; Jan. 4.
Relay, Slip frequency. F. H. Milliken. 2,104,664; Jan. 4.
Resins, Manufacture and use of synthetic. B. A. Adams and E. L. Holmes. 2,104,501; Jan. 4.
Respiratory device. W. P. Biggs. 2,104,016; Jan. 4.
Retarding mechanism. W. T. Murden. 2,104,136; Jan. 4.
Rheostat. A. B. Cadman. 2,104,020; Jan. 4.
Riot lock. W. Hasenfuss. 2,104,618; Jan. 4.
Rock and rye, Manufacture of. J. Kaplan. 2,104,304; Jan. 4.
Rocker and rotating toy device, Twin. A. Szabo. 2,104,442; Jan. 4.
Rod: *See*—
Fishing rod. Geared connecting rod.
Roof and floor block. C. L. Sanford. 2,104,356; Jan. 4.
Roofing elements, Manufacturing. W. A. Harris. 2,104,384; Jan. 4.
Rule, Glass cutting. J. A. Haughey. 2,104,301; Jan. 4.
Sacking into valve bags. A. Du Bois. 2,104,154; Jan. 4.
Saddle for cycles. R. W. Faulhaber. 2,104,511; Jan. 4.
Saddle for cycles. C. Hanson. 2,104,512; Jan. 4.
Safety attachment for truck wheels. H. V. Ludwick. 2,104,565; Jan. 4.
Safety device. F. Kennison. 2,104,043; Jan. 4.
Salt and making the same, Noncaking smoked. R. Lehmann. 2,104,619; Jan. 4.
Salts of copper arsenite and a copper salt of a higher unsaturated fatty acid, Double. F. E. Dearborn. 2,104,584; Jan. 4.
Sawing apparatus. P. E. Hunter and E. Nightingale. 2,104,258; Jan. 4.
Scale, Conveyer. L. P. Pennell, W. F. Stone, and W. E. Naylor. 2,104,546; Jan. 4.
Scraper and grader, Combined. G. Ruff. 2,104,675; Jan. 4.
Screen and method of use, Luminescent. P. T. Farnsworth. 2,104,253; Jan. 4.
Screw press. M. A. Johansen. 2,104,197; Jan. 4.
Screw propeller. G. H. McLeod. 2,104,306; Jan. 4.
Seal for ball bearing structures. F. W. Cotterman. 2,104,188; Jan. 4.
Seal, Making a glass. E. A. Pelton. 2,104,166; Jan. 4.
Seat: *See*—
Toilet seat.
Segmental pulp wheel. G. B. Rickard. 2,104,594; Jan. 4.
Separating particles of solid material by flotation. R. S. Ellis. 2,104,537; Jan. 4.
Separator: *See*—
Centrifugal separator. Ore separator.
Dust separator.
Separator for canceling machines. L. J. Zahn. 2,104,630; Jan. 4.
Separator for pumps, Gas. A. Arutunoff. 2,104,339; Jan. 4.
Shaft sealing means. H. E. Rupp. 2,104,355; Jan. 4.
Sheet and making same, Laminated. J. A. Kenney. 2,104,081; Jan. 4.
Sheet cutting, stitching, and folding mechanism. C. S. Crafts. 2,104,452; Jan. 4.
Sheet delivery for web printing rotary presses, Flat. H. M. Barber. 2,104,578; Jan. 4.
Sheet gauging device. W. R. Hull. 2,104,038; Jan. 4.
Shingle. H. H. Bailey. 2,104,067; Jan. 4.
Shingle, Interlocking flexible. M. L. Hamlin. 2,104,078; Jan. 4.
Shoe construction. J. F. Marshall. 2,104,048; Jan. 4.
Shoe heel plate device, Detachable. J. W. Bowman. 2,104,289; Jan. 4.
Shoe sole fitting machine. L. J. Bassoni. 2,104,113; Jan. 4.
Shoe soles, Apparatus for attaching. C. F. Fitzgerald. 2,104,118; Jan. 4.
Shoes, Operating on. C. F. Pym. 2,104,137; Jan. 4.
Shoes, Shaping the bottoms of. E. E. Winkley. 2,104,143; Shoveling machine, Mechanical. C. E. Stoltz. 2,104,575; Jan. 4.
Showcase. R. J. Vesina. 2,104,214; Jan. 4.
Shrink fixture. O. O. Rieser. 2,104,673; Jan. 4.
Shut off, Oil. J. E. Hurn. 2,104,519; Jan. 4.
Shuttle. S. O. Dodge. 2,104,153; Jan. 4.
Sign: *See*—
Advertising sign. Illuminated sign.
Sign. H. C. Spratley. 2,104,280; Jan. 4.
Signaling system. W. S. Lemmon. 2,104,543; Jan. 4.
Silver-halide emulsions, Sensitising of. W. Zeh. 2,104,064; Jan. 4.
Skate, Roller. J. S. Coldwell. 2,104,536; Jan. 4.
Sled. C. O. Lyons. 2,104,263; Jan. 4.
Sleeping cabinet, Air conditioned. J. A. Conbole. 2,104,024; Jan. 4.
Slip. M. C. Schrank. 2,104,596; Jan. 4.
Snow removal device. J. E. Devlin. 2,104,363; Jan. 4.
Sole, Rubber. C. L. Daly. 2,104,583; Jan. 4.

Solutions of chlorinated rubber, Treatment of. J. P. Baxter, T. N. Montgomery, and J. G. Moore. 2,104,069; Jan. 4.
Solutions of rubber and substances similar to rubber, Production of. J. Treboux. 2,104,358; Jan. 4.
Sound recording device. K. Schwartz. 2,104,170; Jan. 4.
Speed transmission system, Change. J. C. Cox and G. H. Thomas. 2,104,606; Jan. 4.
Sound waves, Method of and apparatus for photographically recording. J. Underhill. 2,104,710; Jan. 4.
Spade for a gun trail. O. L. Beardsley. 2,104,015; Jan. 4.
Spectacle bridge, Bifocal. F. Whitney. 2,104,063; Jan. 4.
Spraying device for evacuation. P. Parisini. 2,104,271; Jan. 4.
Spring fastener. B. C. Place. 2,104,239; Jan. 4.
Spring suspension, Vehicle. S. A. Romeo. 2,104,245; Jan. 4.
Sprinkler. W. V. E. Thompson. 2,104,281; Jan. 4.
Stand: *See*—
Desk stand. Picture stand.
Start-stop regenerative repeater. L. M. Potts. 2,104,273; Jan. 4.
Start-stop regenerative repeater. W. J. Zenner. 2,104,251; Jan. 4.
Staybolts, Testing boiler. G. R. Greenslade. 2,104,645; Jan. 4.
Steam, Apparatus for generating. O. Engler. 2,104,613; Jan. 4.
Steaming and drying machine. A. Rieffel. 2,104,402; Jan. 4.
Steel strip and producing the same, Nonaging flat silicon. C. A. Scharschu. 2,104,169; Jan. 4.
Steering device. G. Z. von Manteuffel. 2,104,627; Jan. 4.
Stoker for locomotives. W. T. Hanna. 2,104,035; Jan. 4.
Stop action for organs, Combination. J. H. Wick. 2,104,338; Jan. 4.
Stopcock, Lubricated split ring. F. J. Schweitzer. 2,104,056; Jan. 4.
Stove, Heating. G. M. Taylor. 2,104,212; Jan. 4.
Stove, Heating cook. L. Gilbert. 2,104,617; Jan. 4.
Strand, Making a coiled metallic. J. W. Gottschalk and S. W. Grater. 2,104,713; Jan. 4.
Strap for leggings, gaiters and the like, Adjustable. L. Horowitz. 2,104,369; Jan. 4.
Stud. E. D. Coddington. 2,104,506; Jan. 4.
Superheater. F. I. Epley. 2,104,155; Jan. 4.
Superheterodyne converter network. W. van B. Roberts. 2,104,100; Jan. 4.
Support: *See*—
Book support. Paper web support.
Curtain support. Trousers support.
Support for curtains, Collapsible. R. R. De Ment. 2,104,416; Jan. 4.
Supporting apparatus for welding operation. G. A. Hughes. 2,104,561; Jan. 4.
Surfacing machine. J. C. Temple. 2,104,062; Jan. 4.
Surgical appliance. L. R. O'Dell. 2,104,699; Jan. 4.
Suspension means for motor vehicles, Resilient. J. and L. Svoboda, and K. Bilek. 2,104,499; Jan. 4.
Swash mechanism. C. B. Redrup. 2,104,391; Jan. 4.
Swatter, Fly. C. L. Bell. 2,104,149; Jan. 4.
Switch: *See*—
Automobile safety switch. Electric snap switch.
Door lamp switch. Electric switch.
Switch control, Starter. W. Hemingway, Jr. 2,104,159; Jan. 4.
Syringe, Dental. A. F. Pieper. 2,104,670; Jan. 4.
Table accessory. P. G. De Martini, Jr. 2,104,342; Jan. 4.
Tag, Price. F. Kohnle. 2,104,698; Jan. 4.
Tank: *See*—
Automobile fuel tank.
Tanks, Device for emptying. J. Muller. 2,104,493; Jan. 4.
Tap for tap-dancing shoes. C. Agosta and F. Notarangelo. 2,104,179; Jan. 4.
Tape controlled apparatus. M. T. Goetz. 2,104,030; Jan. 4.
Tapping and refill-controlling device. C. Karageorgieff. 2,104,080; Jan. 4.
Target, Range. F. H. Schwerin. 2,104,171; Jan. 4.
Teeth, Artificial. A. Gysi. 2,104,459; Jan. 4.
Telegraph apparatus, Printing. C. W. Burcky. 2,104,071; Jan. 4.
Telephone system. L. J. Bowne, F. R. Lamberty, and R. L. Stokely. 2,104,449; Jan. 4.
Television system. V. K. Zworykin. 2,104,066; Jan. 4.
Temperature of flowing media, Regulating the. C. F. Rosenblad. 2,104,333; Jan. 4.
Temperature regulation. G. Kurlbaum. 2,104,563; Jan. 4.
Temperatures, Creating high. R. H. Russell. 2,104,311; Jan. 4.
Testing. G. R. Greenslade. 2,104,646; Jan. 4.
Testing and apparatus therefor, Method of. G. R. Greenslade. 2,104,643; Jan. 4.
Testing and apparatus therefor, Methods of. G. R. Greenslade. 2,104,644; Jan. 4.
Testing arrangement for circuit-interrupting devices. R. Willheim and G. Frühauf. 2,104,620; Jan. 4.
Testing apparatus. F. F. Stratford. 2,104,441; Jan. 4.
Textile printing machine. J. J. Dolphi and H. Hintse. 2,104,417; Jan. 4.
Thermometer. M. F. Betsold, C. Rascher, and C. A. Torp. 2,104,218; Jan. 4.
Thermoplastics, Molding. F. W. Cotterman. 2,104,189; Jan. 4.
Ticket printing machine. G. W. Henry, Jr. 2,104,647; Jan. 4.
Tickets and the like, Apparatus for stamping of. H. Reinholdtsen. 2,104,573; Jan. 4.
Tip for cigarettes. S. H. Levy. 2,104,329; Jan. 4.
Tire cover. A. P. Ferguson. 2,104,156; Jan. 4.
Tire cover. G. A. Lyon. 2,104,235; Jan. 4.
Tire, Nonskid. E. Sommer. 2,104,532; Jan. 4.
Tobacco fumes, Production and inhalation of. W. J. McCormick. 2,104,266; Jan. 4.
Toilet seat. N. Johnson. 2,104,653; Jan. 4.
Toilet seat. F. J. Moore. 2,104,714; Jan. 4.
Tongs, Grappling. H. F. Henley. 2,104,302; Jan. 4.
Tool: *See*—
Lathe tool. Machine tool.
Tool spindle, Machine. A. J. Noel. 2,104,435; Jan. 4.
Tools, Forming diamond. R. H. Taylor. 2,104,708; Jan. 4.
Toy garage and the like. D. M. Warren. 2,104,628; Jan. 4.
Toy railway. G. Einfalt. 2,104,510; Jan. 4.
Toy vehicle, Steerable and reversible. K. Fuchs. 2,104,365; Jan. 4.
Traffic controlling apparatus, Railway. H. S. Young. 2,104,601; Jan. 4.
Trailer coupling. F. Zagelmeyer. 2,104,576; Jan. 4.
Transmission control mechanism. C. J. Surdy. 2,104,061; Jan. 4.
Transmission control mechanism, Power. W. F. Boldt. 2,104,605; Jan. 4.
Trap for rodents. S. Krahl. 2,104,083; Jan. 4.
Trap: *See*—
Animal trap. Radiator siphon trap.
Tray, Proofer. F. Marasso. 2,104,431; Jan. 4.
Trimming machine. R. H. Seer. 2,104,138; Jan. 4.
Trousers support. H. P. Beck. 2,104,287; Jan. 4.
Truck, Car. J. A. Shafer. 2,104,404-5; Jan. 4.
Truck suspension. W. W. Wohlfarth. 2,104,284; Jan. 4.
Tube: *See*—
Electron tube.
Tube delay circuit, Gas discharge. R. K. Honaman and L. K. Swart. 2,104,128; Jan. 4.
Tubes, Controlling gas-filled. L. L. von Kramolin. 2,104,533; Jan. 4.
Tubes, Making threaded. J. A. Adell. 2,104,688; Jan. 4.
Tubes, Manufacture of rifled. A. A. Dicke. 2,104,319; Jan. 4.
Tubes, Method and apparatus for manufacturing collapsible. B. A. E. Johnson. 2,104,485; Jan. 4.
Tubing head or hanger. E. L. Barker. 2,104,180; Jan. 4.
Turntable, Phonographic. B. A. Proctor. 2,104,241; Jan. 4.
Type casting and setting machine. F. Devèze. 2,104,509; Jan. 4.
Typewriter, Power operated. R. G. Bower. 2,104,007; Jan. 4.
Typewriter ribbons, Making. S. A. Neidich. 2,104,237; Jan. 4.
Typewriting machine. W. F. Helmond. 2,104,482; Jan. 4.
Umbrella, Signal. T. G. Carmody. 2,104,340; Jan. 4.
Utility cabinet. H. Feinberg. 2,104,223; Jan. 4.
Vacuum cleaner. D. M. Dow. 2,104,453; Jan. 4.
Vacuum pump. A. M. Babitch and G. W. Harry. 2,104,447; Jan. 4.
Valve: *See*—
Liquid pressure regulating valve.
Valve. R. C. Allen. 2,104,502; Jan. 4.
Valve. E. C. Brisbane and R. Bischoff. 2,104,151; Jan. 4.
Valve. W. L. Hunter. 2,104,039; Jan. 4.
Valve actuating device, Engine. L. T. Goates. 2,104,122; Jan. 4.
Valve cap. R. M. Heintz. 2,104,257; Jan. 4.
Valve seat structure. C. F. Frye. 2,104,419; Jan. 4.
Valve stem clearance check. A. C. Linne. 2,104,234; Jan. 4.
Valve stem grinding and fitting device. M. Holbut and W. G. Vollmer. 2,104,345; Jan. 4.
Vanillin, Making. L. T. Sandborn. 2,104,701; Jan. 4.
Vanity, Envelope. B. G. Bryant. 2,104,361; Jan. 4.
Vehicle: *See*—
Juvenile vehicle. Toy vehicle.
Motor vehicle.
Vehicle. E. J. Stahl. 2,104,335; Jan. 4.
Vehicle control mechanism, Motor. C. A. Brewer. 2,104,580; Jan. 4.
Vehicle wheel. A. C. Barratt. 2,104,112; Jan. 4.
Vending apparatus for ice cream packages, Coin controlled. W. Hamel. 2,104,034; Jan. 4.
Vending machine, Automatic. F. Schulte. 2,104,497; Jan. 4.
Volume control, Automatic. A. A. Linsell. 2,104,087; Jan. 4.
Volume control, System of compensating automatic. R. L. Hollingsworth. 2,104,324; Jan. 4.

Warm air furnace. H. A. Bertossa. 2,104,181; Jan. 4.
Washing machine for tumblers and similar tableware. A. F. Partridge. 2,104,272; Jan. 4.
Watch cleaning machine. I. Friedman. 2,104,456; Jan. 4.
Water supply for bidets and the like, Safety system of. I. Salvoni. 2,104,210; Jan. 4.
Welding control apparatus. C. J. Kopp. 2,104,200; Jan. 4.
Weldrod. A. G. de Golyer. 2,104,693-4; Jan. 4.
Well protective device, Oil and gas. A. B. Long and L. E. Stagg, Jr. 2,104,660; Jan. 4.
Wells, Method of washing. R. G. Cullen. 2,104,294; Jan. 4.
Wells, Treatment of. H. T. Kennedy and B. B. Wescott. 2,104,488; Jan. 4.
Wheel: *See*—
Segmental pulp wheel. Vehicle wheel.
Window cleaning device. A. R. Freda. 2,104,615; Jan. 4.
Window construction. J. M. Meck. 2,104,389; Jan. 4.
Window latch. F. Mellebrand. 2,104,134; Jan. 4.
Wire tension controlling device. R. F. Krejci. 2,104,656; Jan. 4.

CLASSIFICATION OF PATENTS

ISSUED JANUARY 4, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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U. S. GOVERNMENT PRINTING OFFICE: 1936

LIST OF TRADE-MARK APPLICANTS

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Ackerman, Louis J., & Co. Inc., New York, N. Y. Cheese. Serial No. 394,366; Jan. 11. Class 46.

Adams, Julius J., New York, N. Y. Breath purifying candy. Serial No. 395,499; Jan. 11. Class 46.

Alligator Company, The, St. Louis, Mo. Street coats, and sport coats. Serial No. 396,224; Jan. 11. Class 39.

American Aniline Products, Inc., New York, N. Y. Waterproofing and water-repelling agents. Serial No. 398,025; Jan. 11. Class 4.

Anglo-Saxon Federation of America, Detroit, Mich. Periodical. Serial No. 390,497; Jan. 11. Class 38.

Auto Cream Whip Corporation, New York, N. Y. Dispensing apparatus and appliances. Serial No. 391,412; Jan. 11. Class 23.

Axton-Fisher Tobacco Company, The, Louisville, Ky. Cigarettes. Serial No. 394,767; Jan. 11. Class 17.

Ballman, Charles A., doing business as Remo Laboratory, Cranford, N. J. Cosmetics and toilet preparations. Serial No. 391,893; Jan. 11. Class 6.

Barrett Company, The, New York, N. Y. Paper used for building, sheathing, etc. Serial No. 397,173; Jan. 11. Class 17.

Baskind, Louis, & Co., Inc., New York, N. Y. Shirts and collars, pajamas, and sheets. Serial No. 399,497; Jan. 11. Class 39.

Battle Creek Dog Food Co., Battle Creek, Mich. Dog food. Serial No. 399,017; Jan. 11. Class 46.

Berry, Wm. B., Co., Boston, Mass. Sleeve or shoe of wear resisting material adapted to be inserted between a power cable and the cable conduit, etc. Serial No. 395,249; Jan. 11. Class 21.

Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Laundry washing machines. Serial No. 393,209; Jan. 11. Class 24.

Borgenicht, H., & Co., Inc., New York, N. Y. Children's misses', and juniors' dresses. Serial No. 399,593; Jan. 11. Class 39.

Bradley Smith Company, The, New Haven, Conn. Candy. Serial No. 400,063; Jan. 11. Class 46.

Branford Sportwear, Inc., New York, N. Y. Women's knitted dresses. Serial No. 397,641; Jan. 11. Class 39.

Brill, J. G., Company, The, Philadelphia, Pa. Electric lighting fixtures. Serial No. 396,350; Jan. 11. Class 21.

Busch, H., & Co. Inc., New York, N. Y. Coffee, tea, rice, etc. Serial No. 398,628; Jan. 11. Class 46.

Campbell, Harry T., Sons' Co., Towson, Md. Mined calcium stone. Serial No. 390,294; Jan. 11. Class 1.

Central Yarn Co., Inc., Brooklyn, N. Y. Threads and yarns. Serial No. 399,700; Jan. 11. Class 42.

Chill Foam Corporation of America, Detroit, Mich. Chemical used to chill-proof beer. Serial No. 393,418; Jan. 11. Class 48.

Chisholm-Ryder Co., Inc., Niagara Falls, N. Y. Tent poles and stakes. Serial No. 396,536; Jan. 11. Class 50.

City Awning and Shade Co. (See Love, John R.)

Claremont Citrus Association, Claremont, Calif. Fresh citrus fruit. Serial No. 400,223; Jan. 11. Class 46.

Club Razor & Blade Manufacturing Corporation, Newark, N. J. Razor blades. Serial No. 399,400; Jan. 11. Class 28.

Cohen, Goldman & Co. Inc., New York, N. Y. Outer garments. Serial No. 397,525; Jan. 11. Class 39.

Cohn & Rosenberger, Inc., New York, N. Y. Necklaces and bracelets, finger rings, etc. Serial No. 396,990; Jan. 11. Class 28.

Cohn & Rosenberger, Inc., New York, N. Y. Necklaces and bracelets, finger rings, etc. Serial No. 399,794; Jan. 11. Class 28.

Collins Radio Company, Cedar Rapids, Iowa. Radio transmitters, both electric power and communications type transformers, etc. Serial No. 396,613; Jan. 11. Class 21.

Colton Razor Blade Company, Boston, Mass. Safety razor blades. Serial No. 399,442; Jan. 11. Class 28.

Comfy Manufacturing Co., The, Baltimore, Md. Comforts. Serial No. 399,139; Jan. 11. Class 42.

Compton, Bates, New York, N. Y. Printed paper signs. Serial No. 396,023; Jan. 11. Class 38.

Conrad Razor Blade Co. Inc., Long Island City, N. Y. Razors and razor blades. Serial No. 399,392; Jan. 11. Class 28.

Consolidated Produce Company Ltd., Los Angeles, Calif. Fresh deciduous fruits, fresh citrus fruits, fresh berries, etc. Serial No. 398,670; Jan. 11. Class 46.

Corn Products Refining Company, New York, N. Y. Pure vegetable salad and cooking oil. Serial No. 396,300; Jan. 11. Class 46.

Cream of Wheat Corporation, The, Minneapolis, Minn. Prepared mixture for making cookies. Serial Nos. 398,149-50; Jan. 11. Class 46.

"Delta" Papier & Filter G. m. b. H., now by change of name, "Delta" Papier-und Filter, Kommanditgesellschaft Bungeler & Co., Duren, Germany. Paper for making filter sheets. Serial No. 394,787; Jan. 11. Class 37.

Dictograph Products Company, Inc., New York, N. Y. Radio receiving sets, radio receiving sets combined with audible signal making attachments, and audible signal making attachments for radio receiving sets. Serial No. 383,427; Jan. 11. Class 21.

Domestic Engineering Company, Chicago, Ill. Combination directory, technical reference book and consolidated catalog. Serial No. 398,718; Jan. 11. Class 38.

Domestic Engineering Company, Chicago, Ill. Periodical. Serial No. 400,155; Jan. 11. Class 38.

Douglass, Earl L., Germantown, Philadelphia, Pa. Column in a newspaper. Serial No. 398,529; Jan. 11. Class 39.

Downey, William J., doing business as The Valley Road Co., Danvers, Mass. Fertilizing compound. Serial No. 397,024; Jan. 11. Class 10.

Dutchess Underwear Corp., New York, N. Y. Underwear. Serial No. 399,293; Jan. 11. Class 39.

Economy Food Co., Vacaville, Calif. Onion powder and garlic powder. Serial No. 397,648; Jan. 11. Class 46.

Eisenbarger, Floyd H., Casper, Wyo. Eggs. Serial No. 396,456; Jan. 11. Class 46.

Elb Products, Inc., New York, N. Y. Thermal insulating material. Serial No. 398,530; Jan. 11. Class 12.

Engel, A. & J., Inc., New York, N. Y. Hudson seal dyed muskrat fur coats. Serial No. 399,131; Jan. 11. Class 39.

Felger, Daniel C., doing business as D. C. Felger Bottling Works, Fort Wayne, Ind. Soft drinks. Serial No. 400,500; Jan. 11. Class 45.

Four Aids Co. (See Wallace, Gerald.)

Fruit Industries, Ltd., Los Angeles, Calif., and New York, N. Y. Brandy. Serial No. 400,457; Jan. 11. Class 46.

Garod Radio Corp., New York, N. Y. Radio receiving sets and parts thereof. Serial No. 399,447; Jan. 11. Class 21.

General Printing Ink Corporation, New York, N. Y. Printing ink. Serial No. 399,408; Jan. 11. Class 11.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Storage batteries. Serial No. 399,409; Jan. 11. Class 21.

Gordon, C. J., Company, Chicago, Ill. Dyed coney fur coats, scarfs, etc. Serial No. 391,216; Jan. 11. Class 39.

Grace Company, The, Kansas City, Mo. Infants' and children's frocks, dresses, etc. Serial No. 388,532; Jan. 11. Class 39.

Hamershlag, Harry, & Joseph Potash, New York, N. Y. Ladies' coats and suits. Serial No. 398,900; Jan. 11. Class 39.

Happy Lager Distributing Co. (See Trainor, Charles P.)

Harrower Laboratory, Inc., The, Glendale, Calif. Medicinal compound. Serial No. 399,062; Jan. 11. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Medicinal preparation. Serial Nos. 399,063-5; Jan. 11. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Medicinal compound. Serial No. 399,066; Jan. 11. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Medicinal preparation. Serial Nos. 399,067-8; Jan. 11. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Gonadotropic, active principle from the male sex glands. Serial No. 399,069; Jan. 11. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Standardized progestational hormone. Serial No. 399,275; Jan. 11. Class 6.

Harrower, Norman, doing business as Linton Brothers & Company, Fitchburg, Mass. Tag board and cardboard. Serial No. 393,328; Jan. 11. Class 37.

Hayman & Cohen Inc., New York, N. Y. Dresses and coats. Serial No. 399,138; Jan. 11. Class 39.

Haynes Griffin Service Corp., New York, N. Y. Portable combination phonograph and radio. Serial No. 397,442; Jan. 11. Class 36.

Hercules Powder Company, Wilmington, Del. Electric blasting cap. Serial No. 400,375; Jan. 11. Class 9.

Houston, Martha, Publications, Inc., New York, N. Y. Magazine. Serial No. 399,760; Jan. 11. Class 38.

Hupp Oil Burner Co., Inc., Brooklyn, N. Y. Oil burners. Serial No. 393,131; Jan. 11. Class 34.

Illinois State Hatcheries, Inc., Springfield, Ill. Baby chicks. Serial Nos. 385,123-4; Jan. 11. Class 46.

Inventions Publishing Company, Washington, D. C. Periodical. Serial No. 398,992; Jan. 11. Class 38.

Ivory System. (See Lynch, Thomas E.)

Joseph & Feiss Company, The, Cleveland, Ohio. Men's clothing. Serial No. 399,040; Jan. 11. Class 39.

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Kelling Nut Co., The, Chicago, Ill. Salted, candied, and plain nut meats. Serial No. 392,799; Jan. 11. Class 46.

Kem Card Sales Corporation, New York, N. Y. Playing cards. Serial No. 398,008; Jan. 11. Class 22.

Kincaid & May Bros. Company, Minneapolis, Minn. Canned vegetables, and canned pumpkin. Serial No. 399,009; Jan. 11. Class 46.

Kinsley-Kovsky Jewelry Manufacturing Co., Inc., St. Louis, Mo. Finger rings. Serial No. 399,610; Jan. 11. Class 28.

Knott, Wm. T., Company, Inc., New York, N. Y. Mattresses and bed springs, beds, etc. Serial No. 397,129; Jan. 11. Class 32.

Koltmer's Inc., Jamaica, N. Y. Pure vegetable shortening. Serial No. 399,412; Jan. 11. Class 46.

Kraft-Phenix Cheese Corporation, Chicago, Ill. Sweetened condensed milk in solid form. Serial No. 399,413; Jan. 11. Class 46.

Kresge Department Stores, Inc., Newark, N. J., and Washington, D. C. Hosiery. Serial No. 399,666; Jan. 11. Class 39.

Krumbois & Lichtblau, New York, N. Y. Ladies' and children's underwear. Serial No. 399,507; Jan. 11. Class 39.

Lairy, Ica C., Logansport, Ind. Periodical. Serial No. 356,291; Jan. 11. Class 38.

Leibing Automotive Devices, Incorporated, Detroit, Mich. Fuel conserving valve mechanisms for carburetors or intake manifolds on internal combustion engines. Serial No. 398,626; Jan. 11. Class 23.

Lewis, Philip B., also doing business as Strapdex Company, Medford, Mass. Loose-leaf binders and folders. Serial No. 393,236; Jan. 11. Class 37.

Libbey-Owens-Ford Glass Company, Toledo, Ohio. Special heat-treated flat glass sheets or plates, etc. Serial No. 391,837; Jan. 11. Class 33.

Lily Mills Company, Shelby, N. C. Crochet cotton. Serial No. 399,530; Jan. 11. Class 43.

Lincoln Electric Company, The, Cleveland, Ohio. Metallic welding electrodes. Serial No. 400,378; Jan. 11. Class 14.

Lincoln Knitting Company, Merrill, Wis. Ladies' knitted suits and dresses, men's, boys', and children's sweaters, shawls, etc. Serial No. 356,146; Jan. 11. Class 39.

Linton Brothers & Company. (See Harrower, Norman.)

Loose-Wiles Biscuit Company, Long Island City, N. Y. Cookies, cakes, biscuits, etc. Serial No. 397,292; Jan. 11. Class 46.

Love, John R., doing business as City Awning and Shade Co., Los Angeles, Calif. Imitation textile fabrics, awnings, tents, etc. Serial No. 398,911; Jan. 11. Class 50.

Lowe, Erwin S., New York, N. Y. Question and number answering card game. Serial No. 399,973; Jan. 11. Class 22.

Lucas, James L., Charlottesville, Va. Monthly magazine. Serial No. 400,062; Jan. 11. Class 38.

Lynch, Thomas E., doing business as Ivory System, Peabody, Mass. Miscellaneous reconditioned athletic equipment. Serial No. 394,994; Jan. 11. Class 22.

Maison Joubert, Inc., New York, N. Y. Astringents, astringent cerates, bleach creams, beauty creams, etc. Serial Nos. 399,239–40; Jan. 11. Class 6.

Manning, Bowman & Co., Meriden, Conn. Hollow ware of aluminum. Serial No. 395,233; Jan. 11. Class 13.

Markwell Manufacturing Company, Inc., New York, N. Y. Staples. Serial Nos. 399,539–40; Jan. 11. Class 13.

Markwell Manufacturing Company, Inc., New York, N. Y. Stapling machines. Serial No. 399,541; Jan. 11. Class 23.

Markwell Manufacturing Company, Inc., New York, N. Y. Staples. Serial No. 399,542; Jan. 11. Class 13.

Mechanical Products Corporation, St. Paul, Minn. Mechanical timing devices. Serial No. 392,042; Jan. 11. Class 21.

Meyer, G. A., & Son, Incorporated, Chicago, Ill. Grapefruit, oranges, cantaloupes, etc. Serial No. 399,616; Jan. 11. Class 46.

Midwest Knit Goods Company, Chicago, Ill. Women's and misses' knitted dresses and suits. Serial No. 395,370; Jan. 11. Class 39.

Mills Company, The, Cleveland, Ohio. Brochures and pamphlets. Serial No. 399,366; Jan. 11. Class 38.

Monark Silver King, Inc., Chicago, Ill. Bicycles. Serial No. 399,195; Jan. 11. Class 19.

Monark Silver King, Inc., Chicago, Ill. Bicycles. Serial No. 399,197; Jan. 11. Class 19.

Moore, Thomas, doing business as The Yoesmar Co., Bury, England. Perfumery products. Serial No. 399,241–2; Jan. 11. Class 6.

NBA Service, Inc., Cleveland, Ohio. Newspaper feature column. Serial No. 399,152; Jan. 11. Class 38.

Naamloose Vennootschap John. Halbertsma's Zuivelindustrie, Sneek, Netherlands. Cheese. Serial No. 400,201; Jan. 11. Class 46.

National Department Stores Management & Buying Corporation, New York, N. Y. Women's and misses' hats, coats, dresses, etc. Serial No. 397,142; Jan. 11. Class 39.

National Industrial Publishing Co., Pittsburgh, Pa. Department or section of a magazine. Serial No. 399,893; Jan. 11. Class 38.

National Publications, Inc., Chicago, Ill. Periodical. Serial No. 399,459; Jan. 11. Class 38.

Nelson, E. F., Manufacturing Company, The, Minneapolis, Minn. Heat and sound insulation material. Serial No. 396,778; Jan. 11. Class 12.

New Era Canning Company, New Era, Mich. Canned fruits and canned vegetables. Serial No. 400,122; Jan. 11. Class 46.

New York & New Jersey Lubricant Company, New York, N. Y. Lubricating oils and greases. Serial No. 399,005; Jan. 11. Class 15.

Oconomowoc Canning Co., Oconomowoc, Wis. Canned vegetables. Serial No. 399,724; Jan. 11. Class 46.

Ohio Match Company, The, Wadsworth, Ohio. Razor blades. Serial No. 398,927; Jan. 11. Class 22.

Ohio Match Company, The, Wadsworth, Ohio. Matches. Serial No. 399,617; Jan. 11. Class 9.

Pensick & Gordon, Inc., Los Angeles, Calif. Firecrackers and fireworks. Serial No. 399,390; Jan. 11. Class 9.

Pointer, Robert W., doing business as Pointer-Williamette Trailer Equipment Co., Portland, Oreg. Structural parts for trailers. Serial No. 397,963; Jan. 11. Class 19.

Polk Miller Products Corporation, Richmond, Va. Publication. Serial No. 396,921; Jan. 11. Class 38.

Pontiac Press Co., The, Pontiac, Mich. Newspaper. Serial No. 396,507; Jan. 11. Class 38.

Pontiac Varnish Company, Pontiac, Mich. Paints and lacquers. Serial No. 396,748; Jan. 11. Class 16.

Providence Braid Company, Pawtucket, R. I. Shoe laces, corset lacings, underwear lacings, etc. Serial No. 399,473; Jan. 11. Class 40.

Puritan Mills, Inc., Chicago, Ill. Lemon flavored powder. Serial No. 396,932; Jan. 11. Class 45.

RCA Manufacturing Company, Inc., Camden, N. J. Antenna kits. Serial No. 395,097; Jan. 11. Class 21.

Rausch, Emil J., doing business as Santa Rosa Preserving Kitchen, Pasadena, Calif. Fruits and berries. Serial No. 399,372; Jan. 11. Class 46.

Ray Oil Burner Co., San Francisco, Calif. Forced air oil burning furnaces. Serial No. 398,688; Jan. 11. Class 34.

Red Block Coal Company, Columbus, Ohio. Coal. Serial No. 398,787; Jan. 11. Class 1.

Reefer-Galler Inc., New York, N. Y. Insecticides, insect exterminators, repellents, etc. Serial No. 394,716; Jan. 11. Class 6.

Reefer-Galler Inc., New York, N. Y. Containers and dispensers. Serial Nos. 394,717–8; Jan. 11. Class 2.

Remo Laboratory. (See Ballman, Charles A.)

Roadcrete, Inc., Newton, Ohio. Road surfacing material. Serial No. 399,572; Jan. 11. Class 12.

Rochambeau Worsted Company, Providence, R. I. Yarns. Serial No. 400,250; Jan. 11. Class 43.

Root, Myron, & Co., Inc., Medford, Oreg. Fresh pears. Serial No. 399,313; Jan. 11. Class 46.

Rothman, Irving R., Brooklyn, N. Y. Suspenders for trousers, etc. Serial No. 398,409; Jan. 11. Class 37.

Salmanson & Co. Inc., New York, N. Y. Radiator shields. Serial No. 398,497; Jan. 11. Class 24.

Salvo Chemical Corporation, Rothschild, Wis. Vanillin. Serial No. 398,372; Jan. 11. Class 6.

Santa Rosa Preserving Kitchen. (See Rausch, Emil J.)

Schreiber, Abraham, New York, N. Y. Lottery punch game. Serial No. 393,663; Jan. 11. Class 22.

Schuler, Loring A., San Francisco, Calif. Monthly magazine. Serial No. 399,204; Jan. 11. Class 38.

Sears, Roebuck and Co., Chicago, Ill. Roll roofing material and shingles. Serial No. 398,066; Jan. 11. Class 12.

Sears, Roebuck and Co., Chicago, Ill. Linoleum paste and linoleum cement. Serial No. 398,217; Jan. 11. Class 5.

Sears, Roebuck and Co., Chicago, Ill. Furniture slip covers. Serial No. 399,427; Jan. 11. Class 32.

Sears, Roebuck and Co., Chicago, Ill. Electric razors. Serial No. 399,428; Jan. 11. Class 23.

Shoe Form Co., Inc., Auburn, N. Y. Boxes. Serial No. 399,753; Jan. 11. Class 2.

Sicelot Manufacturing Company, Lexington, N. C. Overalls, work coats, work shirts, etc. Serial No. 400,043; Jan. 11. Class 39.

Sikes Company, Inc., The, Buffalo, N. Y. Dressers, night stands, chests, etc. Serial No. 396,725; Jan. 11. Class 32.

Solano Winery, Inc., Cordelia, Calif. Wine. Serial Nos. 396,791–2; Jan. 11. Class 47.

Solo Chemical Works, Inc., St. Louis, Mo. Fly paper, fly ribbon, and insect-trapping devices. Serial No. 397,966; Jan. 11. Class 6d.

South Bend Bait Company, South Bend, Ind. Sporting goods. Serial No. 399,397; Jan. 11. Class 22.

Star Radiator Company, Los Angeles, Calif. Air conditioning machines, radiators for air conditioning machines and parts therefor. Serial No. 397,593; Jan. 11. Class 34.

Stearns, Frederick, & Company, Detroit, Mich. Antiseptic. Serial No. 399,481; Jan. 11. Class 6.

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Stearns, Frederick, & Company, Detroit, Mich. Sedative or anodyne expectorant. Serial No. 399,482; Jan. 11. Class 6.

Stearns, Frederick, & Company, Detroit, Mich. Analgesic and antipyretic. Serial No. 399,483; Jan. 11. Class 6.

Stein, M., Cosmetic Co., The, New York, N. Y. Preparation for use in all skin blemishes. Serial No. 399,166; Jan. 11. Class 6.

Stores Publishing Co. Inc., New York, N. Y. Magazine. Serial No. 399,590; Jan. 11. Class 38.

Straphex Company. (See Lewis, Philip B.)

Splitcraft-Bygren Corp., New York, N. Y. Slips and petticoats. Serial No. 399,466; Jan. 11. Class 39.

Suhler-Waffenwerk, Gebrüder Merkel, Suhl/Thuringia, Germany. Guns for hunting. Serial No. 399,425; Jan. 11. Class 9.

Trabert & Hoeffer Inc., New York, N. Y. Diamonds and precious stones. Serial No. 397,208; Jan. 11. Class 28.

Trachtenberg Furs, Inc., New York, N. Y. Fur coats. Serial No. 399,518; Jan. 11. Class 39.

Trainor, Charles P., doing business as Happy Lager Distributing Co., Los Angeles, Calif. Beer. Serial No. 389,201; Jan. 11. Class 45.

United Drug Company, Boston, Mass. Liquid digestive preparation. Serial No. 399,521; Jan. 11. Class 6.

United Drug Company, Boston, Mass. Hemoglobin-forming tonic. Serial No. 399,522; Jan. 11. Class 6.

United Feature Syndicate, Inc., New York, N. Y. Comic drawings published in a series. Serial No. 399,906; Jan. 11. Class 38.

United States Products Corporation, Ltd., San Jose, Calif. Canned fruits and fruit juices for food purposes. Serial No. 396,214; Jan. 11. Class 46.

Universal Water Softener Co., Maywood, Ill. Filters and water softening devices. Serial No. 392,462; Jan. 11. Class 31.

Valley Road Co., The. (See Downey, William J.)

Van Raalte Company, New York, N. Y. Fabric gloves. Serial No. 399,362; Jan. 11. Class 39.

Vick Chemical Company, New York, N. Y. Dentifrice and mouth wash. Serial No. 399,212; Jan. 11. Class 6.

Vimpeo Foods, Inc., Cambridge, Md. Dog food. Serial No. 399,945; Jan. 11. Class 46.

Vitality Health Kitchens, Inc., New York, and Long Island City, N. Y. Bread and cake. Serial No. 397,957; Jan. 11. Class 46.

Voesmar Co. (See Moore, Thomas.)

Wallace, Gerald, doing business as Four Aids Co., Stockton, Calif. Cream ointment. Serial No. 377,766; Jan. 11. Class 6.

Wamsutta Mills, New Bedford, Mass. Cotton piece goods, sheets, and pillow cases. Serial No. 398,068; Jan. 11. Class 42.

Welch Fruit Products Co., Chicago, Ill. Ice cream flavoring. Serial No. 399,872; Jan. 11. Class 46.

Weldt Brassiere Corporation, New York, N. Y. Foundation garments. Serial No. 397,901; Jan. 11. Class 39.

Welsh Manufacturing Company, Providence, R. I. Opthalmic mountings. Serial Nos. 399,396–7; Jan. 11. Class 26.

Wertheimer & Co., Philadelphia, Pa. Blouses. Serial No. 399,585; Jan. 11. Class 39.

Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric water heaters. Serial No. 399,433; Jan. 11. Class 21.

Wilin & Schneider, Philadelphia, Pa. Dresses. Serial No. 399,065; Jan. 11. Class 39.

Wyeth, John, and Brother, Incorporated, Philadelphia, Pa. Medicinal preparation. Serial No. 399,215; Jan. 11. Class 6.

LIST OF REGISTRANTS OF TRADE-MARKS

Abbott Laboratories, North Chicago, Ill. Orally administered medicaments. 353,674; Jan. 11; Serial No. 397,164; published Nov. 2, 1937. Class 6.

Abbott Laboratories, North Chicago, Ill. Product for oral administration in the treatment of anemia. 353,675; Jan. 11; Serial No. 397,165; published Nov. 2, 1937. Class 6.

Abbott Laboratories, North Chicago, Ill. Isotonic aqueous solution. 353,676; Jan. 11; Serial No. 397,166; published Nov. 2, 1937. Class 6.

Acme Bronze Powder Company, New York, N. Y. Aluminum paint, aluminum paste, bronzing liquids, etc. 353,485; Jan. 11; Serial No. 392,513; published Nov. 2, 1937. Class 16.

Acme Chemical Company, Milwaukee, Wis. Soot destroyer and fuel saver. 353,439; Jan. 11; Serial No. 376,918; published June 16, 1936. Class 6.

Acme White Lead and Color Works, Detroit, Mich. Ready mixed paints. 353,615; Jan. 11; Serial No. 396,554; published Nov. 2, 1937. Class 16.

Adelaar Bros., Inc., New York, N. Y. Ladies' blouses, dresses, and suits. 353,734; Jan. 11. Class 39.

Advertising Publications, Incorporated, Chicago, Ill. and New York, N. Y. Annual publication. 353,533; Jan. 11; Serial No. 395,255; published Nov. 2, 1937. Class 38.

Albert, Lisa, doing business as L. Albert Co., New York, N. Y. Commode pad. 353,457; Jan. 11; Serial No. 389,903; published Nov. 2, 1937. Class 32.

Aluminum Cooking Utensil Company, The, New Kensington, Pa. Base metal table and cooking hollowware. 353,569; Jan. 11; Serial No. 396,089; published Nov. 2, 1937. Class 13.

American Agricultural Chemical Company, The, New York, N. Y. Monocalcium phosphate. 353,709; Jan. 11. Class 6.

American Bantam Car Company, Butler, Pa. Automobiles and structural parts thereof and chassis therefor, etc. 353,494; Jan. 11; Serial No. 393,246; published Oct. 26, 1937. Class 19.

American Bantam Car Company, Butler, Pa. Automobiles and structural parts thereof and chassis therefor, etc. 353,682–3; Jan. 11; Serial Nos. 397,562–4; published Oct. 26, 1937. Class 19.

American Concrete Expansion Joint Co., Chicago, Ill. Joints for concrete roads and the like. 353,476; Jan. 11; Serial No. 389,696; published Nov. 2, 1937. Class 12.

American Glese Wire Corporation, New York, N. Y. Steel music wire. 353,482; Jan. 11; Serial No. 382,547; published Nov. 2, 1937. Class 24.

American Iron & Machine Works Company, Oklahoma City, Okla. Check-valves, float-valves, gate-valves, etc. 353,558; Jan. 11; Serial No. 395,086; published Nov. 2, 1937. Class 13.

American Oil Company, The, Baltimore, Md. Lubricating oils and greases. 353,641; Jan. 11; Serial No. 395,466; published Nov. 2, 1937. Class 15.

Anabolic Food Products, Inc., Chicago, Ill. Supplemental food product. 353,463–5; Jan. 11; Serial Nos. 386,392–4; published Nov. 2, 1937. Class 46.

Archer Rubber Company, Milford, Mass. Rubberized fabrics. 353,659; Jan. 11; Serial No. 397,017; published Nov. 2, 1937. Class 50.

Aristopharm A.-G. (Aristopharm S. A.), (Aristopharm Ltd.), Basel, Switzerland. Medical compound or preparation. 353,488; Jan. 11; Serial No. 392,837; published Nov. 2, 1937. Class 6.

Arnold Sales Corporation, New York, N. Y. Rayon piece goods. 353,610; Jan. 11; Serial No. 396,483; published Nov. 2, 1937. Class 42.

Associated Merchandising Corporation, New York, N. Y. Dresses, coats, suits, etc. 353,715; Jan. 11. Class 39.

Autobridge, Inc., New York, N. Y. Game board. 353,694; Jan. 11; Serial No. 397,633; published Nov. 2, 1937. Class 22.

Automobile Digest Publishing Corp., Cincinnati, Ohio. Periodical publication. 353,634; Jan. 11; Serial No. 396,797; published Oct. 26, 1937. Class 38.

Ayer, Harriet Hubbard, Inc., New York, N. Y. Perfume. 353,651; Jan. 11; Serial No. 395,605; published Oct. 26, 1937. Class 6.

Bachmann Brothers, Inc., Philadelphia, Pa. Goggles. 353,648; Jan. 11; Serial No. 396,862; published Nov. 2, 1937. Class 26.

Barbara Gould, Inc. (See Bourjois, Inc., assignor.)

Baron, Nathan, Jamaica, N. Y. Cough mixture and liniments. 353,595; Jan. 11; Serial No. 396,947; published Nov. 2, 1937. Class 6.

Baryl, Walter G., doing business as Re-Vi-Ve Products, Chicago, Ill. Polishes or sealers for cleaning and polishing painted, varnished or other finished surfaces. 353,480; Jan. 11; Serial No. 392,839; published Nov. 2, 1937. Class 16.

Bastian-Morley Co. Inc., La Porte, Ind. Electric water supply heaters. 353,619; Jan. 11; Serial No. 396,591; published Nov. 2, 1937. Class 21.

Battle Creek Food Company, The, Battle Creek, Mich. Remedy for hyposcidity and digestive disorders. 353,664; Jan. 11; Serial No. 397,065; published Nov. 2, 1937. Class 6.

Bavin, Achille, New York, N. Y. Vanillin sugar. 353,507; Jan. 11; Serial No. 394,161; published Nov. 2, 1937. Class 46.

Beck, L., & Sons Inc., New York, N. Y. Linoleum cement. 353,496; Jan. 11; Serial No. 395,162; published Nov. 9, 1937. Class 5.

Benson, John C., doing business as Procto-Products Company, Flint, Mich. Rectal suppositories. 353,695; Jan. 11. Class 6.

Berkshire Knitting Mills, Wyomissing, Pa. Hosiery. 353,644; Jan. 11; Serial No. 396,863; published Nov. 2, 1937. Class 39.
Berkshire Knitting Mills, Wyomissing, Pa. Hosiery. 353,645; Jan. 11; Serial No. 396,865; published Nov. 2, 1937. Class 39.
Berry Bros. & Co., London, England. Scotch whiskey. 353,600; Jan. 11; Serial No. 396,296; published Nov. 2, 1937. Class 49.
Birmingham Paper Co., Birmingham, Ala. School tablets, pads, blank books, etc. 353,542; Jan. 11; Serial No. 395,514; published Nov. 2, 1937.
Blue Ribbon Noodle Company, Inc., Wilkes-Barre, Pa. Noodles, spaghetti, macaroni, etc. 353,538; Jan. 11; Serial No. 395,396; published Nov. 2, 1937. Class 46.
Bonani, Ricardo, 4 Hijos, Bell Ville, Cordoba, Argentina. Footballs, basketballs, rugby balls, etc. 353,530; Jan. 11; Serial No. 395,397; published Nov. 2, 1937. Class 22.
Bourjois, Inc., assignor to Barbara Gould, Inc., New York, N. Y. Toilet preparations. 353,719; Jan. 11. Class 6.
Brandt, Irving, & Co., Chicago, Ill. Men's jewelry. 353,531; Jan. 11; Serial No. 395,214; published Oct. 12, 1937. Class 28.
Bristol, Gloria, New York, N. Y. Cosmetic creams, hair salves, milk lotions, etc. 353,712; Jan. 11. Class 6.
Browning King & Co. of New York, Inc., Brooklyn and New York, N. Y. Suits, overcoats, raincoats, etc. 353,518-9; Jan. 11; Serial Nos. 394,742-3; published Oct. 26, 1937. Class 39.
Brunswick Battery Company, Chicago, Ill. Flashlights and flashlight cases. 353,648; Jan. 11; Serial No. 396,908; published Nov. 2, 1937. Class 21.
Byron, Leon Jay, Co., Inc., New York, N. Y. Blouses, pajamas, petticoats, etc. 353,550; Jan. 11; Serial No. 396,179; published Nov. 2, 1937. Class 39.
Caar Canning Company, Redkey, Ind. Canned tomatoes, tomato puree, and tomato juice. 353,449; Jan. 11; Serial No. 381,904; published Oct. 20, 1936. Class 46.
California Conserving Company, Incorporated, San Francisco, Calif. Periodical program skits for radio stations. 353,504; Jan. 11; Serial No. 393,971; published Nov. 2, 1937. Class 38.
California Spray-Chemical Corporation, Wilmington, Del., and Richmond, Calif. Insecticides, fungicides, and germicides. 353,626-7; Jan. 11; Serial Nos. 396,665-6; published Oct. 26, 1937. Class 6.
California Spray-Chemical Corporation, Wilmington, Del., and Richmond, Calif. Insecticides, fungicides, and germicides. 353,628; Jan. 11; Serial No. 396,668; published Oct. 26, 1937. Class 6.
California Spray-Chemical Corporation, Wilmington, Del., and Richmond, Calif. Herbicides and insecticides. 353,629; Jan. 11; Serial No. 396,669; published Oct. 26, 1937. Class 6.
California Spray-Chemical Corporation, Wilmington, Del., and Richmond, Calif. Insecticides, fungicides, and germicides. 353,630; Jan. 11; Serial No. 396,670; published Oct. 26, 1937. Class 6.
California Spray-Chemical Corporation, Wilmington, Del., and Richmond, Calif. Herbicides and insecticides. 353,631; Jan. 11; Serial No. 396,672; published Oct. 26, 1937. Class 6.
Callaman, L. J., & Co., Inc., New York, N. Y. Wines. 353,560; Jan. 11; Serial No. 395,898; published Nov. 2, 1937. Class 47.
Cameo Greeting Card Company. (See Janes, Rodney B.)
Carrol, Chicago. (See Walgreen Co.)
Certifine Products Co. (See Eljay Corporation.)
Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Composite sheet weather-proofing material. 353,560; Jan. 11; Serial No. 395,900; published Oct. 26, 1937. Class 12.
Chefford Master Manufacturing Co., Fairfield, Ill. Diaphragms. 353,525; Jan. 11; Serial No. 395,017; published Nov. 2, 1937. Class 23.
Chemco Photoproducts Company, Glen Cove and New York, N. Y. Photo-engraving and photographic chemicals. 353,510; Jan. 11; Serial No. 394,397; published Oct. 26, 1937. Class 6.
Cities Service Oil Company, Bartlesville, Okla. Quenching oil. 353,620; Jan. 11; Serial No. 396,593; published Nov. 2, 1937. Class 15.
Cities Service Oil Company, Bartlesville, Okla. Journal and heavy duty oil. 353,621; Jan. 11; Serial No. 396,594; published Nov. 2, 1937. Class 15.
Classified Advertising Copy Service, Seattle, Wash. Monthly periodical. 353,528; Jan. 11; Serial No. 396,124; published Oct. 26, 1937. Class 38.
Cleveland Chemical Associates, Incorporated, Cleveland, Ohio. Colloidal cream of aluminum hydroxide. 353,506; Jan. 11; Serial No. 396,351; published Nov. 2, 1937. Class 6.
Cluse, Andrew G., doing business as National Fur Institute, Brooklyn, N. Y. Hudson seal fur. 353,660; Jan. 11; Serial No. 397,021; published Nov. 2, 1937. Class 1.
Cohn & Rosenberger, Inc., New York, N. Y. Necklaces and bracelets, finger rings, etc. 353,552; Jan. 11; Serial No. 395,700; published Oct. 12, 1937. Class 28.
Colton Razor Blade Company, Boston, Mass. Safety razor blades. 353,654-6; Jan. 11. Serial Nos. 396,979-80; published Nov. 2, 1937. Class 23.
Combination Door Co., The. (See Schmidt, Louis J.)
Commercial Creamery Company, Inc., Spokane, Wash. Modified egg albumen for food purposes. 353,549; Jan. 11; Serial No. 395,637; published Nov. 2, 1937. Class 46.
Commercial Solvents Corporation, New York, N. Y. Alcoholic solvents, methanol, and radiator anti-freeze solutions. 353,720; Jan. 11. Class 6.
Commerciale Italiana Societa Anonima per il Rayon Claa-Rayon, Rome, Italy. Artificial textile fibres. 353,517; Jan. 11; Serial No. 394,697; published Nov. 2, 1937. Class 1.
Condor Products, Inc., Buffalo, N. Y. Suspenders. 353,701; Jan. 11. Class 39.
Coochicos, Spiros, New York, N. Y. Preparation for removal of dandruff, hair tonic, preparation for prevention of falling hair, etc. 353,524; Jan. 11; Serial No. 395,285; published Nov. 2, 1937. Class 6.
Cooper, Leonard H., doing business as The Kovam Co., New York, N. Y. Liquid antiseptic tissue. 353,544; Jan. 11; Serial No. 396,235; published Oct. 26, 1937. Class 6.
Cornell, Beaumont S., Fort Wayne, Ind. Preparation for the treatment of neoplasms. 353,575; Jan. 11; Serial No. 396,119; published Nov. 2, 1937. Class 6.
Coronado Manufacturing Company. (See Rothschild, Harold L.)
Crutcher, Carlile, Louisville, Ky. Illustrated stories. 353,497; Jan. 11; Serial No. 393,753; published Nov. 2, 1937. Class 38.
Curtis, David, doing business as De-Ce Products Co. of New York, New York, N. Y. Vase-constricting substance. 353,461; Jan. 11; Serial No. 385,725; published Oct. 26, 1937. Class 6.
Cushwa, Victor, & Sons, Williamsport, Md. Brick. 353,725; Jan. 11. Class 12.
Davenport, Cornelia W., Philadelphia, Pa. Dry rouges, face powders, body powders, etc. 353,442; Jan. 11; Serial No. 378,481; published Nov. 2, 1937. Class 6.
De-Ce Products Co. of New York. (See Curtis, David.)
Dempster Brothers, Incorporated, Knoxville, Tenn. Hoisting units and detachable buckets and containers therefor. 353,484; Jan. 11. Serial No. 392,582; published Nov. 2, 1937. Class 23.
Di Mauro, Joseph, Ansonia, Conn. Medicinal preparation. 353,591; Jan. 11; Serial No. 396,301; published Nov. 2, 1937. Class 6.
Dodge, F. W., Corporation, New York, N. Y. Section of a monthly publication. 353,565; Jan. 11; Serial No. 396,226; published Nov. 2, 1937. Class 38.
Doehler Die Casting Co., New York, N. Y. Castings made from aluminum alloys. 353,684; Jan. 11; Serial No. 397,435; published Nov. 2, 1937. Class 14.
Dudgeon, Floyd E., doing business as Lyric Beauty Products, Oakland, Calif. Beauty products. 353,473; Jan. 11; Serial No. 388,832; published Nov. 2, 1937. Class 6.
Dutchman, Ernest, London, England. Preparation to be used on cigarette or pipe tobacco. 353,496; Jan. 11; Serial No. 386,416; published Nov. 2, 1937. Class 6.
Eastman Kodak Company, Jersey City, N. J., and Rochester, N. Y. Photographic film, sound recording film, etc. 353,567; Jan. 11; Serial No. 396,264; published Nov. 2, 1937. Class 26.
Ebbert, Daniel F., Wheeling, W. Va. Finger rings, pins, bracelets, etc. 353,543; Jan. 11; Serial No. 395,570; published Oct. 12, 1937. Class 28.
Economy Paper Products Company, Milwaukee, Wis. Waxed paper. 353,483; Jan. 11; Serial No. 391,857; published Nov. 2, 1937. Class 37.
Einhorn, Emil, New York, N. Y. Cleansing cream, lipstick, face powder, etc. 353,455; Jan. 11; Serial No. 383,769; published Nov. 2, 1937. Class 6.
Electro-Cosmic, Inc., Chicago, Ill. Odorproof containers. 353,668; Jan. 11; Serial No. 397,111; published Nov. 2, 1937. Class 2.
Electromaster, Inc., Detroit, Mich. Electric ranges and parts thereof. 353,656; Jan. 11; Serial No. 396,983; published Nov. 2, 1937. Class 21.
Elkay Corporation, doing business as Certifine Products Co., Chicago, Ill. Carbolic acid, oxalic acid, salicylic acid, etc. 353,535; Jan. 11; Serial No. 396,288; published Oct. 26, 1937. Class 6.
Emery Industries, Inc., Cincinnati, Ohio. Cutting oils and cutting oil bases. 353,717; Jan. 11. Class 15.
Etablissements B. Filchet, Chaselles/S/Lyon, France. Felt hats. 353,713; Jan. 11. Class 39.
Ever-Plastics Corporation, New York, N. Y. Preparation for use in the grafting and dressing of trees and plants. 353,614; Jan. 11; Serial No. 396,532; published Nov. 2, 1937. Class 6.
Ever-Plastics Corporation, New York, N. Y. Plastic compounds for setting glass, etc. 353,687; Jan. 11; Serial No. 397,505; published Nov. 2, 1937. Class 12.
Export Manual Publishing Corporation, New York, N. Y. Periodical publication. 353,522; Jan. 11; Serial No. 396,001; published Oct. 26, 1937. Class 38.
Ex-Fire Company, Ludowici, Ga. Kindling blocks. 353,606; Jan. 11; Serial No. 396,457; published Nov. 2, 1937. Class 1.

Fabergé Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 353,522; Jan. 11; Serial No. 394,832; published Nov. 2, 1937. Class 6.
Familex Products Company. (See Parent, Romeo.)
Farron, E. A., Los Angeles, Calif. Shampoo and disinfectant. 353,490; Jan. 11; Serial No. 392,989; published Oct. 26, 1937. Class 6.
Fine Foods, Inc., Seattle, Wash. Malt syrups for food purposes. 353,451; Jan. 11; Serial No. 382,949; published Nov. 2, 1937. Class 46.
Florex Laboratory, Los Angeles, Calif. Pharmaceutical acidophilus compound. 353,440; Jan. 11; Serial No. 385,274; published Nov. 2, 1937. Class 6.
Fuller Products Co., Chicago, Ill. Preparations designed to stimulate the growth of hair, pressing oil, hairdressing, etc. 353,716; Jan. 11. Class 6.
Garden State Tanning Co., New York, N. Y. Raw hides. 353,570; Jan. 11; Serial No. 396,034; published Nov. 2, 1937. Class 1.
Geist, Alexander, New York, N. Y. Blouses and dresses. 353,704; Jan. 11. Class 39.
General By-Products Co. doing business as Glacier Bay Oyster Co., South Bend and Seattle, Wash. Fresh oysters. 353,706; Jan. 11. Class 46.
General Mills, Inc., Minneapolis, Minn. Vitamin containing materials, particularly viosterol. 353,592; Jan. 11; Serial No. 396,306; published Oct. 26, 1937. Class 6.
Gerlach, Heinrich, Gesellschaft mit beschrankter Haftung, Hamburg-Altona, Germany. Canned fish and smoked fish. 353,481; Jan. 11; Serial No. 391,219; published Oct. 26, 1937. Class 46.
Glacier Bay Oyster Co. (See General By-Products Co.)
Globe Photo, Inc., Greenville, S. C. Photographic prints. 353,550; Jan. 11; Serial No. 396,664; published Nov. 2, 1937. Class 38.
Goetz, Ludwig E., New York, N. Y. Blouses and dresses. 353,600; Jan. 11; Serial No. 396,396; published Nov. 2, 1937. Class 39.
Goldberger, Leo J., New York, N. Y. Girls' dresses, blouses, and jumpers. 353,487; Jan. 11; Serial No. 392,728; published Oct. 26, 1937. Class 39.
Goldsmith, Louis, Inc., Philadelphia, Pa. Suits. 353,698; Jan. 11. Class 39.
Goldwater, Stanford J., New York, N. Y. Pillow protectors, blanket protectors, etc. 353,469; Jan. 11; Serial No. 387,376; published Nov. 2, 1937. Class 42.
Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Hot water heaters for automobiles. 353,576; Jan. 11; Serial No. 396,130; published Nov. 2, 1937. Class 19.
Goslaw, Edward L., Boulder Creek, Calif. Compound for the treatment of neuritis, arthritis, and muscular rheumatism. 353,498; Jan. 11; Serial No. 393,806; published Nov. 2, 1937. Class 6.
Grant Photo Corp., New York, N. Y. Articles of commerce comprising a holder, a composite photograph in the holder and a movable screen in front of the photograph. 353,657; Jan. 11; Serial No. 396,989; published Nov. 2, 1937. Class 26.
Greenpoint Metallic Bed Company, Inc., Brooklyn, N. Y. Bed Springs and mattresses. 353,506; Jan. 11; Serial No. 394,229; published Nov. 2, 1937. Class 32.
Griffith Laboratories, Inc., The, Chicago, Ill. Liquid preparation of papaya juice. 353,699; Jan. 11. Class 46.
Guffey, William H., Wichita Falls, Tex. Emulsion of creosote carbonate. 353,597; Jan. 11; Serial No. 396,363; published Oct. 26, 1937. Class 6.
Halliburton, G. N., doing business as Tropical Beverage Sales Co., Jacksonville, Fla. Soft drinks. 353,649; Jan. 11; Serial No. 396,915; published Nov. 2, 1937. Class 45.
Hamilton Chemical Co. (See Wangeman, Robert A.)
Hansen's, Chr., Laboratory, Inc., Little Falls, N. Y. Rennet. 353,567; Jan. 11; Serial No. 395,902; published Nov. 2, 1937. Class 46.
Hanshew, Harvey L., doing business as Twis-Yong Co., Indian, Va. Hair preparation. 353,652; Jan. 11; Serial No. 396,956; published Oct. 26, 1937. Class 6.
Hart, Schaffner & Marx, Chicago, Ill. Suits, coats, overcoats, etc. 353,495; Jan. 11; Serial No. 393,423; published Nov. 2, 1937. Class 39.
Haskell, Charles C., & Co., Inc., Richmond, Va. Pharmaceutical preparation. 353,588; Jan. 11; Serial No. 396,267; published Oct. 26, 1937. Class 6.
Hauser, Emil, New York, N. Y. Chairs, benches, seats, etc. 353,480; Jan. 11; Serial No. 391,217; published Nov. 2, 1937. Class 32.
Heilmann, Frank J., doing business as Heilmann's, Los Angeles, Calif. Gout and rheumatic medicine. 353,561; Jan. 11; Serial No. 395,916; published Nov. 2, 1937. Class 6.
Heilmann, Frank J., doing business as Heilmann's, Los Angeles, Calif. Laxative preparation. 353,562; Jan. 11; Serial No. 395,917; published Nov. 2, 1937. Class 6.
Helburn, Willard, Inc., Salem, Mass. Leather. 353,680; Jan. 11; Serial No. 397,250; published Nov. 2, 1937. Class 1.
Hercules Powder Company, Wilmington, Del. Active chemical ingredient. 353,596; Jan. 11; Serial No. 395,293; published Nov. 2, 1937. Class 6.
Hewett & Eckel, doing business as Maytubby Springs Company, Durant, Okla., and Dallas, Tex. Ointments and salves. 353,505; Jan. 11; Serial No. 394,040; published Nov. 2, 1937. Class 6.
Hickok Manufacturing Company, Inc., Rochester, N. Y. Braces, belts, and garters. 353,707; Jan. 11. Class 39.
Hildreth & Rogers Co., Lawrence, Mass. Daily newspaper. 353,526; Jan. 11; Serial No. 395,068; published Nov. 2, 1937. Class 38.
Hodgson, E. F., Co., Boston, Mass. Portable and prefabricated houses and buildings. 353,499; Jan. 11; Serial No. 393,853; published Oct. 26, 1937. Class 12.
Holman, Maurice, Inc., Los Angeles, Calif. Sweaters. 353,520; Jan. 11; Serial No. 394,784; published Nov. 2, 1937. Class 39.
Howell Company, Inc., The, New Orleans, La. Balms, liniment, nose and throat drops, etc. 353,545; Jan. 11; Serial No. 395,578; published Oct. 26, 1937. Class 6.
Huttner, Bernie, New York, N. Y. Fur coats. 353,696; Jan. 11. Class 39.
Idaho Fruit & Produce Company, Parma and Apple Valley, Idaho. Fresh lettuce, fresh apples, etc. 353,616; Jan. 11; Serial No. 396,569; published Nov. 2, 1937. Class 46.
Ironhard Paint & Color Works, Ltd., Los Angeles, Calif. Paint, varnishes, and paint enamels. 353,462; Jan. 11; Serial No. 386,390; published July 27, 1937. Class 16.
Jacobs Candy Company, Limited, New Orleans, La. Candy. 118,973; renewed Oct. 16, 1937.
Janes, Rodney B., doing business as Cameo Greeting Card Company, Rochester, N. Y. Greeting cards. 353,681; Jan. 11; Serial No. 397,252; published Oct. 26, 1937. Class 38.
Jaymar's Inc., Denver, Colo. Skin lotions. 353,573; Jan. 11; Serial No. 396,056; published Nov. 2, 1937. Class 6.
Jefferson Electric Company, Bellwood, Ill. Auto transformers, radio transformers, ionizing transformers, etc. 353,521; Jan. 11; Serial No. 394,786; published Nov. 2, 1937. Class 21.
Kamesam, Sonti, Dehra Dun, India. Wood preservative. 353,479; Jan. 11; Serial No. 390,920; published Oct. 26, 1937. Class 6.
Kane & Company, Fort Worth, Tex. Compounded mineral water. 353,470; Jan. 11; Serial No. 387,872; published Nov. 2, 1937. Class 6.
Karbe, Johannes, Berlin, Germany. Cosmetics, perfumes, creams, etc. 353,457; Jan. 11; Serial No. 384,798; published Nov. 2, 1937. Class 6.
Karp, Joseph H., New York, N. Y. Chewing gum used to relieve acidosis. 353,665; Jan. 11; Serial No. 397,080; published Nov. 2, 1937. Class 6.
Kaufmann Bros. & Bondy, Inc., West New York, N. J. Pipes. 353,607; Jan. 11; Serial No. 396,463; published Nov. 2, 1937. Class 31.
Kilgore Development Corporation, Washington, D. C. Suntan lotion. 353,650; Jan. 11; Serial No. 396,922; published Nov. 2, 1937.
King, Dean W., doing business as King Gun Sight Co., San Francisco, Calif. Asymmetrical pistol hammers. 353,691; Jan. 11; Serial No. 397,668; published Nov. 2, 1937. Class 9.
Koehring Company, Milwaukee, Wis. Tractor trucks. 353,440; Jan. 11; Serial No. 376,351; published Nov. 2, 1937. Class 19.
Kovam Co., The. (See Cooper, Leonard H.)
Kremer, Sebastian J., Cleveland, Ohio. Paper printed tally boards and cards. 353,611; Jan. 11; Serial No. 396,496; published Nov. 2, 1937. Class 37.
Kremer, Sebastian J., Cleveland, Ohio. Game of chance. 353,612; Jan. 11; Serial No. 396,497; published Nov. 2, 1937. Class 22.
Kress, S. H., and Company, New York, N. Y. Tooth brushes. 353,692; Jan. 11; Serial No. 397,671; published Nov. 2, 1937. Class 29.
Krischer Trading Corporation, Brooklyn, N. Y. Furniture casters, nails, tacks, etc. 353,601; Jan. 11; Serial No. 396,411; published Nov. 2, 1937. Class 13.
Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Coffee. 353,632; Jan. 11; Serial No. 396,741; published Nov. 2, 1937. Class 46.
Laboratories Lorbis. (See Parent, Romeo.)
La Choy Food Products, Inc., Detroit, Mich. Flavoring sauce. 353,475; Jan. 11; Serial No. 389,073; published Nov. 2, 1937. Class 46.
Lamcote, Incorporated, Chicago, Ill. Cartons, packages, boxes, etc. 353,482; Jan. 11; Serial No. 391,480; published Nov. 2, 1937. Class 2.
Largman, Gray Company, Croydon, Pa. Hosiery. 353,511; Jan. 11; Serial No. 394,492; published Oct. 26, 1937. Class 39.
Las Vegas Post No. 8, The American Legion, Department of Nevada, Las Vegas, Nev. Periodical. 353,617; Jan. 11; Serial No. 396,570; published Nov. 2, 1937. Class 38.
Lerhorn Trading Co. Inc., New York, N. Y. Edible oils. 353,669; Jan. 11; Serial No. 397,135; published Nov. 2, 1937. Class 46.
Leonard Tissue Company, Cambridge, Mass. Toilet tissue. 353,593; Jan. 11; Serial No. 396,318; published Nov. 2, 1937. Class 37.

Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Topcoats. 353,438; Jan. 11; Serial No. 372,878; published Nov. 2, 1937. Class 39.

Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Suits. 353,705; Jan. 11. Class 39.

Lewis, Edgar P., & Sons, Inc., doing business as Betty Lewis Home Made Candy Company, Malden, Mass. Chocolates and molasses candy. 353,723; Jan. 11. Class 46.

Lewy Chemical Co., The, New York, N. Y. Insecticides. 353,442–5; Jan. 11; Serial Nos. 380,112–14; published Nov. 2, 1937. Class 6.

Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sash and store front constructions, etc. 353,491; Jan. 11; Serial No. 392,990; published Nov. 2, 1937. Class 12.

Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation. 353,670; Jan. 11; Serial No. 397,136; published Nov. 2, 1937. Class 6.

Lilly, Eli, and Company, Indianapolis, Ind. Medicinal preparation. 353,671; Jan. 11; Serial No. 397,138; published Nov. 2, 1937. Class 6.

Long, A. C., doing business as Long Fir Gutter Company, Cadiz, Ohio. Gutters. 353,686; Jan. 11; Serial No. 397,476; published Nov. 2, 1937. Class 12.

Look, Inc., Des Moines, Iowa, assignor to Picture Magazines, Inc., New York, N. Y. Picture section of a newspaper. 353,467; Jan. 11; Serial No. 386,492; published Nov. 2, 1937. Class 38.

Los Angeles Soap Company, Los Angeles, Calif. Hair and scalp conditioner, rouge, nail polish, etc. 353,661–2; Jan. 11; Serial Nos. 397,034–5; published Nov. 2, 1937. Class 6.

Lowe, Joe, Corporation, New York, N. Y. Frozen confections. 353,472; Jan. 11; Serial No. 388,581; published Apr. 20, 1937. Class 46.

Lubri-Zol Corporation, The, Cleveland and Wickliffe, Ohio. Lubricating oils and greases, lubricating oil compounds, etc. 353,505; Jan. 11; Serial No. 384,804; published Oct. 26, 1937. Class 15.

Lynchburg Milling Company, Lynchburg, Va. Wheat flour. 353,512; Jan. 11; Serial No. 394,543; published Nov. 2, 1937. Class 46.

Lyric Beauty Products. (See Dudgeon, Floyd R.)

Maison Jeunelle-Seventeen, Inc., New York, N. Y. Astringents, astringent cerates, bleach creams, etc. 353,468; Jan. 11; Serial No. 387,088; published Nov. 2, 1937. Class 6.

Maltine Company, The, New York, N. Y. Medicinal compounds. 353,588; Jan. 11; Serial No. 395,999; published Nov. 2, 1937. Class 6.

Manhattan Lubricants Co., Inc., Brooklyn, N. Y. Non-slip composition for pulleys. 353,556; Jan. 11; Serial No. 395,572; published Nov. 2, 1937. Class 5.

Manko, Louis H., doing business as L. H. Manko & Company, and National Summer Clothing Company, Philadelphia, Pa. Suits, coats, vests, etc. 353,503; Jan. 11; Serial No. 393,912; published Oct. 26, 1937. Class 39.

Marten Freres, Inc., New York, N. Y. Cosmetics. 353,544; Jan. 11; Serial No. 395,573; published Nov. 2, 1937. Class 6.

Martubby Springs Company. (See Hewett & Eckel.)

McKay Brothers, West Allis, Wis. Therapeutic liniment. 353,471; Jan. 11; Serial No. 388,400; published Oct. 26, 1937. Class 6.

Menasha Products Company, Menasha, Wis. Laminated wrapping paper. 353,527; Jan. 11; Serial No. 395,074; published Nov. 2, 1937. Class 37.

Midvale Company, The, Philadelphia, Pa. Tool steel. 353,672; Jan. 11; Serial No. 397,141; published Nov. 2, 1937. Class 14.

Midvale Company, The, Philadelphia, Pa. Drill steel. 353,673; Jan. 11; Serial No. 397,220; published Nov. 2, 1937. Class 14.

Midway Chemical Co., Chicago, Ill., assignor, by mesne assignments, to Midway Chemical Co., Jersey City, N. J. Insecticides and compounds having an odor repulsive to animals. 353,474; Jan. 11; Serial No. 388,962; published Nov. 2, 1937. Class 6.

Minnesota Mining & Manufacturing Company, St. Paul, Minn. Quarts, quartzite, digester, etc. 353,500; Jan. 11; Serial No. 393,866; published Nov. 2, 1937. Class 1.

Minnesota Mining & Manufacturing Company, St. Paul, Minn. Roofing granules. 353,711; Jan. 11. Class 12.

Miravalle, Peter S., doing business as Peter S. Miravalle Co., St. Louis, Mo. Rice. 353,708; Jan. 11. Class 46.

Mirrorwax Co. (See Symmes, Charles A.)

Moorman Manufacturing Company, Quincy, Ill. Worm expellers for animals and fowl. 353,501; Jan. 11; Serial No. 393,509; published Nov. 2, 1937. Class 6.

Morris Shoe Co. Inc., New York, N. Y. Shoes. 353,697; Jan. 11. Class 39.

Mosey, Mary P., Brooklyn, N. Y. Compound to regulate the urine. 353,519; Jan. 11; Serial No. 394,676; published Nov. 2, 1937. Class 6.

Mueench-Kreuzer Candle Co., Inc., Syracuse, N. Y. Candles. 353,710; Jan. 11. Class 15.

Myerson, Ben, Inc., Los Angeles, Calif. Candy. 353,679; Jan. 11; Serial No. 397,223; published Nov. 2, 1937. Class 46.

National Banana Ripening Company. (See O'Neil, William H.)

National Fur Institute. (See Clune, Andrew G.)

National Summer Clothing Company. (See Manko, Louis H.)

Neumann, Walter, New York, N. Y. Medicinal preparations. 353,581; Jan. 11; Serial No. 396,195; published Oct. 26, 1937. Class 6.

Neumann, Walter, New York, N. Y. Local anesthetic and antiseptic preparations. 353,646; Jan. 11; Serial No. 396,890; published Oct. 26, 1937. Class 6.

New Products Corporation, Indianapolis, Ind. Bleaching antiseptic and germicidal compound. 353,623; Jan. 11; Serial No. 396,609; published Nov. 2, 1937. Class 6.

News Printing Company, Goshen, Ind. Daily newspaper. 353,546; Jan. 11; Serial No. 395,589; published Oct. 26, 1937. Class 38.

Noland, R. W., doing business as Noland Feed Company, Casper, Wyo. Livestock mineral concentrate. 353,441; Jan. 11; Serial No. 376,974; published Nov. 2, 1937. Class 6.

Northern Jobbing Company, St. Paul, Minn. Children's play garments. 353,582; Jan. 11; Serial No. 396,200; published Oct. 26, 1937. Class 39.

Norwich Knitting Company, Norwich, N. Y. Polo shirts, outer-shirts, knit jackets, etc. 353,456; Jan. 11; Serial No. 384,097; published Dec. 1, 1936. Class 39.

Norwich Pharmacal Company, The, Norwich, N. Y. Organic mercurial antiseptic. 353,603; Jan. 11; Serial No. 396,421; published Nov. 2, 1937. Class 6.

Nourishine Sales Co., Los Angeles, Calif. Dandruff removing tonic, gray hair tonic, etc. 353,636; Jan. 11; Serial No. 396,829; published Nov. 2, 1937. Class 6.

Novocol Chemical Mfg. Co., Inc., Brooklyn, N. Y. Local anesthetic material. 353,563; Jan. 11; Serial No. 395,950; published Oct. 26, 1937. Class 6.

Novocol Chemical Mfg. Co., Inc., Brooklyn, N. Y. Local anesthetic material. 353,564; Jan. 11; Serial No. 395,951; published Nov. 2, 1937. Class 6.

Novocol Chemical Mfg. Co., Inc., Brooklyn, N. Y. Surface anesthetic. 353,565; Jan. 11; Serial No. 395,952; published Nov. 2, 1937. Class 6.

O'Connor & Goldberg, Chicago, Ill. Hosiery. 353,583; Jan. 11; Serial No. 396,201; published Oct. 26, 1937. Class 39.

O'Neil, William H., doing business as National Banana Ripening Company, San Francisco, Calif. Fruits, particularly canned bananas. 353,449; Jan. 11; Serial No. 381,686; published Nov. 2, 1937. Class 46.

Osterreichische Serum-Gesellschaft m. b. H., Vienna, Austria. Snake toxine. 353,529; Jan. 11; Serial No. 395,179; published Nov. 2, 1937. Class 6.

Ott, John H., Jr., doing business as John H. Ott, Jr. Chemical Co., Miami, Fla. Tonic, expectorant, diuretic, etc. 353,602; Jan. 11; Serial No. 396,420; published Oct. 26, 1937. Class 6.

Pacific Wine and Spirits Company, San Francisco, Calif. Whisky. 353,693; Jan. 11; Serial No. 397,677; published Nov. 2, 1937. Class 49.

Palace Travel Coach Corporation, Flint, Mich. Trailers. 353,524; Jan. 11; Serial No. 394,906; published Nov. 2, 1937. Class 19.

Paraffine Companies, Inc., The, San Francisco, Calif. Prepared aluminum powders and pastes, and a liquid vehicle adapted to be mixed therewith. 353,566; Jan. 11; Serial No. 395,954; published Nov. 2, 1937. Class 16.

Parent, Romeo, doing business as Familex Products Company, Montreal, Quebec, Canada. Machine oils. 353,493; Jan. 11; Serial No. 393,199; published Oct. 26, 1937. Class 15.

Parent, Romeo, doing business as Laboratories Lorbia, Montreal, Quebec, Canada. Germicides and disinfectants. 353,484; Jan. 11; Serial No. 391,940; published Oct. 26, 1937. Class 6.

Parent, Romeo, doing business as Laboratories Lorbia, Montreal, Quebec, Canada. Nerve and digestive tonics. 353,492; Jan. 11; Serial No. 393,184; published Nov. 2, 1937. Class 6.

Parfait Powder Puff Company, Inc., Chicago, Ill. Toy railroad tracks. 353,651; Jan. 11; Serial No. 396,929; published Nov. 2, 1937. Class 22.

Pearce Company, The. (See Shaw, L. J.)

Phillips-Jones Corporation, New York, N. Y. Shirts. 353,700; Jan. 11. Class 39.

Platt, Tandy W., doing business as T. W. Platt, Chicago, Ill. Salad dressing, mayonnaise, sandwich spread, etc. 353,608; Jan. 11; Serial No. 396,471; published Nov. 2, 1937. Class 46.

Picture Magazines, Inc. (See Look, Inc., assignor.)

Procto-Products Company. (See Benson, John C.)

Pure Oil Company, The, Chicago, Ill. Rubber tires and tubes. 353,437; Jan. 11; Serial No. 396,835; published Nov. 2, 1937. Class 35.

Rabin, Max, doing business as Rabin Glove Co., Jersey City, N. J. Gloves. 353,714; Jan. 11. Class 39.

Rebel Manufacturing Co., Inc., Brooklyn, N. Y. Shade hangers. 353,453; Jan. 11; Serial No. 383,032; published Nov. 2, 1937. Class 19.

Re-Vi-Ve Products. (See Baryl, Walter G.)

Rid Company. (See Rosen, Paul.)

Riverside & Dan River Cotton Mills, Inc., Danville, Va. Cotton garments. 353,459; Jan. 11; Serial No. 382,996; published Oct. 26, 1937. Class 39.

Robb, Wallace H., Kingston, Ontario, Canada, and New York, N. Y. Printed books in prose or poetry. 353,446; Jan. 11; Serial No. 380,469; published Oct. 26, 1937. Class 38.

Roma Wine Company, Inc., Lodi, Calif. Wines. 353,513; Jan. 11; Serial No. 394,555; published Nov. 2, 1937. Class 47.

Rosen, Paul, doing business as Rid Company, New York, N. Y. Mouth deodorant. 353,609; Jan. 11; Serial No. 396,476; published Nov. 2, 1937. Class 6.

Rothschild, Harold L., doing business as Coronado Manufacturing Company, St. Paul, Minn. Cosmetics. 353,436; Jan. 11; Serial No. 382,681; published Aug. 18, 1936. Class 6.

S. M. Laboratories, Inc., Seattle, Wash. Preparation for feminine hygiene. 353,477; Jan. 11; Serial No. 389,754; published May 11, 1937. Class 6.

Sales Stimulators, Chicago, Ill. Silver plated flatware. 353,514; Jan. 11; Serial No. 394,696; published Oct. 12, 1937. Class 28.

Schall Candy Co., Clinton, Iowa. Candy. 353,447; Jan. 11; Serial No. 381,583; published Nov. 2, 1937. Class 46.

Schenley Products Company, New York, N. Y. Distillers' dried grains. 353,571–3; Jan. 11; Serial Nos. 394,045–6; published Nov. 2, 1937. Class 46.

Schmidt, Louis J., doing business as The Combination Door Co. Fond du Lac, Wis. Sash and screen lock bearing plates. 353,454; Jan. 11; Serial No. 383,273; published Nov. 2, 1937. Class 25.

Schneiderson, L. & Sons, Inc., New York, N. Y. Chemises, princess slips, bloomers, etc. 353,509; Jan. 11; Serial No. 394,257; published Oct. 26, 1937. Class 39.

Schutter Candy Company, Chicago, Ill. Candy. 353,677; Jan. 11; Serial No. 397,190; published Nov. 2, 1937. Class 46.

Schwab, David E., & Company, New York, N. Y. Finger ring with handkerchief attached, the ring being of precious metal. 353,590; Jan. 11; Serial No. 396,241; published Oct. 19, 1937. Class 22.

Schwalge, William, Chicago, Ill. Lubricating oil filters. 353,652; Jan. 11; Serial No. 397,302; published Nov. 2, 1937. Class 21.

Scranton Tobacco Company, Inc., doing business as Stoco Blade Company, Scranton, Pa. Razor blades. 353,638; Jan. 11; Serial No. 396,837; published Nov. 2, 1937. Class 23.

Scranton Tobacco Company, Inc., doing business as Stoco Blade Company, Scranton, Pa. Razor blades. 353,639; Jan. 11; Serial No. 396,839; published Nov. 2, 1937. Class 23.

Screen Juveniles, Inc., Los Angeles, Calif. Monthly magazine. 353,624; Jan. 11; Serial No. 396,615; published Oct. 26, 1937. Class 38.

Seinsheimer, H. A., Company, The, Cincinnati, Ohio. Overcoats and topcoats. 353,709; Jan. 11. Class 39.

Sessions, Henry H., Los Angeles, Calif. Lubricating oils and greases and extreme pressure oils. 353,618; Jan. 11; Serial No. 396,583; published Oct. 26, 1937. Class 15.

Sharp & Dohme, Incorporated, Philadelphia, Pa. Pancreatic extract. 353,553; Jan. 11; Serial No. 395,723; published Nov. 2, 1937. Class 6.

Shaw, L. J., doing business as The Pearce Company, McKeesport, Pa. Laxative preparation. 353,647; Jan. 11; Serial No. 396,903; published Oct. 26, 1937. Class 6.

Sheffield Condensed Milk Co., Inc., New York, N. Y. Skim milk powder. 353,577; Jan. 11; Serial No. 396,169; published Nov. 2, 1937. Class 46.

Sleetex Co. Inc., The, New York, N. Y. Vehicle windshield wiper blades. 353,633; Jan. 11; Serial No. 396,790; published Nov. 2, 1937. Class 19.

Snow Crest Beverages, Inc., Salem, Mass. Cartoon strips. 353,653; Jan. 11; Serial No. 396,970; published Oct. 26, 1937. Class 38.

Sonnenfeld Millinery Company, St. Louis, Mo. Ladies' fur coats, fur jackets, fur scarfs, etc. 353,574; Jan. 11; Serial No. 396,067; published Oct. 26, 1937. Class 39.

Sound Masters, Inc., New York, N. Y. Motion picture films, sound films, etc. 353,523; Jan. 11; Serial No. 394,883; published Nov. 2, 1937. Class 36.

Speidel Corporation, Providence, R. I. Pins, clips, and chains, etc. 353,505; Jan. 11; Serial No. 393,677; published Sept. 28, 1937. Class 28.

Standard Oil Development Company, Linden, N. J. Dye for oils. 353,554; Jan. 11; Serial No. 395,843; published Nov. 2, 1937. Class 6.

Stoco Blade Company. (See Scranton Tobacco Company, Inc.)

Sunny Hill Wineries, Inc., Chicago, Ill. Wines. 353,598; Jan. 11; Serial No. 396,373; published Nov. 2, 1937. Class 47.

Superior Parts Company, Chicago, Ill. Automobile safety reflecting and signal beams. 353,721; Jan. 11. Class 34.

Symmes, Charles A., doing business as Mirrorwax Co., Danvers, Mass. Automobile and furniture polish. 353,537; Jan. 11; Serial No. 395,376; published Nov. 2, 1937. Class 16.

Tennessee Eastman Corporation, Kingsport, Tenn. Wood preservative and vermicide. 353,478; Jan. 11; Serial No. 390,243; published Nov. 2, 1937. Class 6.

Tennessee Eastman Corporation, Kingsport, Tenn. Synthetic staple fiber. 353,655; Jan. 11; Serial No. 397,008; published Nov. 2, 1937. Class 1.

Thomas Publishing Company, New York, N. Y. Periodical. 353,515; Jan. 11; Serial No. 394,645; published Nov. 2, 1937. Class 38.

Tilt-A-Door Corporation, Highland Park, Mich. Garage doors. 353,640; Jan. 11; Serial No. 396,846; published Oct. 26, 1937. Class 12.

Tropical Beverage Sales Co. (See Halliburton, G. N.)

Turner, Day & Woolworth Handle Company, Louisville, Ky. Wooden handles for axes, hatchets, etc. 353,509; Jan. 11; Serial No. 396,374; published Nov. 2, 1937. Class 23.

Twis-Yong Co. (See Hanshew, Harvey L.)

Union Oil Company of California, Los Angeles, Calif. Lubricating oils. 353,578; Jan. 11; Serial No. 396,173; published Oct. 19, 1937. Class 15.

United States Rubber Company, New York, N. Y. Rubber boots and shoes. 120,048–9; renewed Jan. 1, 1938.

Universal Water Softener Co., Maywood, Ill. Filters and water softeners. 353,606; Jan. 11; Serial No. 397,092; published Nov. 2, 1937. Class 31.

Valsan Manufacturing Company. (See Zander, Lelius C.)

Van Dam, C. F., Los Angeles, Calif. Blue tablets. 353,589; Jan. 11; Serial No. 396,236; published Nov. 2, 1937. Class 6.

Varnish Products Company, Cleveland, Ohio. Chemical supplies for photo-engraving. 353,530; Jan. 11; Serial No. 395,210; published Nov. 2, 1937. Class 6.

Versa Tanning Co., Peabody, Mass. Partly-prepared and finished leathers. 353,667; Jan. 11; Serial No. 397,093; published Nov. 2, 1937. Class 1.

Versa Tanning Co., Peabody, Mass. Partly-prepared and finished leathers. 353,683; Jan. 11; Serial No. 397,394; published Nov. 2, 1937. Class 1.

Viver Chemical Company, Carthage, N. Y. Nerve tonic. 353,540; Jan. 11; Serial No. 396,437; published Nov. 2, 1937. Class 6.

Walgreen Co., Chicago, Ill. Cosmetic preparations. 353,718; Jan. 11. Class 6.

Walgreen Co., doing business as Carrel, Chicago, Chicago, Ill. Deodorant. 353,557; Jan. 11; Serial No. 395,859; published Nov. 2, 1937. Class 6.

Wall, Charles G., Philadelphia, Pa. Combination hot and cold water control valve for plumbing fixtures. 353,641; Jan. 11; Serial No. 396,848; published Nov. 2, 1937. Class 13.

Wallace, Abbé, Cosmetics, Inc., Atlanta, Ga. Perfume, vanishing cream, hair dressing, etc. 353,647; Jan. 11; Serial No. 395,608; published Nov. 2, 1937. Class 6.

Wangeman, Robert A., doing business as Hamilton Chemical Co., Sheboygan, Wis. Antiseptic counterirritant. 353,469; Jan. 11; Serial No. 384,826; published Nov. 2, 1937. Class 6.

Watkins, J. R., Company, The, Winona, Minn. Medicinal preparation. 353,663; Jan. 11; Serial No. 397,060; published Oct. 26, 1937. Class 6.

Weidlich Bros. Mfg. Co., The, Bridgeport, Conn. Sterling silver flatware, hollow-ware, and gold and silver plated ware. 353,579; Jan. 11; Serial No. 396,174; published Oct. 19, 1937. Class 28.

Weidlich Sterling Spoon Co., Bridgeport, Conn. Silverware. 353,594; Jan. 11; Serial No. 396,330; published Oct. 19, 1937. Class 28.

Wells-Sater Company, Pasadena, Calif. Granular preparation. 353,642; Jan. 11; Serial No. 396,855; published Oct. 26, 1937. Class 6.

Western Auto Supply Company, The, doing business as Western Auto Stores, Kansas City, Mo. Paint enamel. 353,600; Jan. 11; Serial No. 397,596; published Nov. 2, 1937. Class 16.

Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric transformers. 353,604; Jan. 11; Serial No. 396,429; published Nov. 2, 1937. Class 21.

Wheelan, Robert B., doing business as Wheelan Studios, New York, N. Y. Photographs. 353,548; Jan. 11; Serial No. 395,634; published Nov. 2, 1937. Class 38.

Whelikin Coat Co. Inc., New York, N. Y. Coats and suits. 353,722; Jan. 11. Class 39.

Whittier Lumber & Millwork Co., Newark, N. J. Self adjusting weatherstripped window units. 353,685; Jan. 11; Serial No. 397,464; published Nov. 2, 1937. Class 12.

Winton Shirt Corporation, Elizabeth, N. J. Outer shirts and pajamas. 353,555; Jan. 11; Serial No. 395,851; published Oct. 26, 1937. Class 39.

Woburn Degreasing Company of New Jersey, Kearny, N. J. Drying oils for printing inks. 353,613; Jan. 11; Serial No. 396,525; published Nov. 2, 1937. Class 11.

Wolf, Max, East Elmhurst, L. I., N. Y. Medicinal compounds. 353,532; Jan. 11; Serial No. 395,251; published Oct. 26, 1937. Class 6.

York Drug Co., Inc., New York, N. Y. Medicated cigarettes. 353,675; Jan. 11; Serial No. 397,160; published Nov. 2, 1937. Class 6.

Zander, Lelius C., doing business as Valsan Manufacturing Company, Van Nuys, Calif. Salesmen's portfolios. 353,506; Jan. 11; Serial No. 394,155; published Nov. 2, 1937. Class 2.

Zonite Products Corporation, New York, N. Y. Insecticide and moth-proofing composition. 353,625; Jan. 11; Serial No. 396,654; published Nov. 2, 1937. Class 6.

LIST OF REGISTRANTS OF LABELS

Ada Milling Company, Ada, Okla. Ada Milling Company Flour; (Nautical Pattern: Blue & White Sail Boats, White Sea Gulls and Waves, Red Moon, on Blue Background). For Flour. 50,552; Jan. 11.

Ada Milling Company, Ada, Okla. Ada Milling Company Flour; (Scenic Pattern, Brown Hills and Tree Trunks, Red, Green, and Dark Brown in Leaves, Flowers, and Shrubs. White Houses, with Green Tops). For Flour. 50,553; Jan. 11.

Admiracion Laboratories, Inc., Harrison, N. J. Admiracion Deluxe Revitalising Scalp and Hair Cream. For Revitalising Scalp and Hair Cream. 50,554; Jan. 11.

Albany Billiard Ball Company, Albany, N. Y. Hyatt Billiard Balls. For Billiard Balls. 50,555; Jan. 11.

Auburn Rubber Corporation, Wilmington, Del., and Auburn, Ind. Savet, Extra Quality Soles. For Soles, Cement-Applied, for Shoes. 50,556; Jan. 11.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Grahams. For Graham Crackers. 50,557; Jan. 11.

Boyd, Elisabeth, doing business as Princess Laboratories, Los Angeles, Calif. Fumese. For a Feminine Antiseptic. 50,558; Jan. 11.

Brown, Arthur C., doing business as Cord-Wire Anchor Company, New York, N. Y. Cord-Wise Anchors. For Cord and Wire Anchors. 50,559; Jan. 11.

Butler Paper Products Company, The, Toledo, Ohio. Territorial No. 122A. For Butter. 50,560; Jan. 11.

Butler Paper Products Company, The, Toledo, Ohio. Territorial Design No. 250A. For Butter. 50,561; Jan. 11.

Butler Paper Products Company, The, Toledo, Ohio. Territorial No. 285A. For Butter. 50,562; Jan. 11.

Butler Paper Products Company, The, Toledo, Ohio. Territorial Design No. 310A. For Butter. 50,563; Jan. 11.

Butler Paper Products Company, The, Toledo, Ohio. Terr. Design No. 317A. For Butter. 50,564; Jan. 11.

Butler Paper Products Company, The, Toledo, Ohio. Terr. Des. No. 365. For Butter. 50,565; Jan. 11.

Butler Paper Products Company, The, Toledo, Ohio. Golden Rod. For Butter. 50,566; Jan. 11.

Century Distilling Co., Peoria, Ill. Century 80. For Whiskey. 50,567; Jan. 11.

Century Distilling Co., Peoria, Ill. Century 90. For Whiskey. 50,568; Jan. 11.

Chamberlain Company (Inc.), Los Angeles, Calif. 'Volcanite'. For American Pumice. 50,569; Jan. 11.

Cord-Wire Anchor Company. (See Brown, Arthur C.)

D. F. S. Laboratories, Inc., Spokane, Wash. Dr. Sells Cold Capsules. For Cold Capsules. 50,570; Jan. 11.

French Clinical Laboratory and Supply Depot, San Antonio, Tex. F F P (French's Foot Powder). For Foot Powder. 50,571; Jan. 11.

General Time Instruments Corporation, New York, N. Y., and La Salle, Ill. Westclox Big Ben Loud Alarm. For Alarm Clocks. 50,572; Jan. 11.

Gilbert, A. C., Company, The, New Haven, Conn. Gilbert Electric Hair Dryer. For Electric Hair Dryers. 50,573; Jan. 11.

Gilbert, A. C., Company, The, New Haven, Conn. Polar Cub Electric Beatsfast. For Portable Electric Beaters for All Kitchen Purposes. 50,574; Jan. 11.

Gilbert, A. C., Company, The, New Haven, Conn. Polar Cub Electric Hair Dryer. For Electric Hair Dryers. 50,575; Jan. 11.

Jamaica Laboratories Company, Jamaica, N. Y. Help Your Pal. For an Ointment for Cats and Dogs. 50,576; Jan. 11.

Johnson, S. C. & Son, Inc., Racine, Wis. Johnson's Auto Cleaner and Polish. For an Automobile Cleaner and Polish. 50,577; Jan. 11.

Kahn, Simon, doing business as Kahn's Bakery, El Paso, Tex. Kahns Golden Crust Bread. For Bread. 50,578; Jan. 11.

Kite, Lester V., Stanley, Va. Old Page Brand. For Apple Brandy. 50,579; Jan. 11.

Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Kroger's Country Club Brand Oyster Crackers. For Oyster Crackers. 50,580; Jan. 11.

Minervite Vitamin Company, Brooklyn, N. Y. Minervite Vitamins and Minerals. For Vitamin and Mineral Capsules. 50,581; Jan. 11.

Noonan, L. F., Co., Inc., Oakland, Calif. Noonan's Garden Fresh. For String Beans. 50,582; Jan. 11.

North American Dye Corporation, Mount Vernon, N. Y. Barrington Shampoo. For a Shampoo. 50,583; Jan. 11.

Perehouse, Ralph C., Pomona, Calif. Beauty Glow. For a Dandruff Shampoo. 50,584; Jan. 11.

Princess Laboratories. (See Boyd, Elisabeth.)

Saniwax Paper Co., Kalamazoo, Mich. Superb Bread. For Bread. 50,585; Jan. 11.

Simms, H., & Sons, Tuskegee, Ala. Simms' Original Flaked & Shredded Sassafras. For Flaked and Shredded Sassafras To Be Used as a Tea. 50,586; Jan. 11.

Sleeper, Inc., Chicago, Ill. Perfect Sleeper. For Mattresses. 50,587; Jan. 11.

Sleeper, Inc., Chicago, Ill. Tiny Sleeper. For Crib Mattresses. 50,588; Jan. 11.

Sleeper, Inc., Chicago, Ill. Restal Knight. For Mattresses. 50,589; Jan. 11.

Sleeper, Inc., Chicago, Ill. Smooth-Rest. For Mattresses. 50,590; Jan. 11.

Trzeinzewski, Wladyslaw, New York, N. Y. "Polo Ham". For Ham. 50,591; Jan. 11.

Hills Bros., San Francisco, Calif. The Spelling Match. For Coffee. 16,654; Jan. 11.

Hills Bros., San Francisco, Calif. The Smartest Rig in Town. For Coffee. 16,655; Jan. 11.

Hills Bros., San Francisco, Calif. The Old Swimming Hole. For Coffee. 16,656; Jan. 11.

Hills Bros., San Francisco, Calif. The County Fair. For Coffee. 16,657; Jan. 11.

Hoffman, S. L., & Co., Inc., New York, N. Y. 'Orchids on Your Budget' Zipper House Coat. For Hostess Coats. 16,658; Jan. 11.

Hoffman, S. L., & Co., Inc., New York, N. Y. The Yankee Duchess Zipper Dress. For Dresses. 16,659; Jan. 11.

Interwoven Stocking Company, New Brunswick, N. J. Interwoven Socks for Christmas. For Socks. 16,660; Jan. 11.

Tidewater Optical Co., Inc., Norfolk, Va. Korrected-Kurve Kryptok. For Spectacles. 16,661; Jan. 11.

Wolf Company, The, Philadelphia, Pa. Bock Beer. For Bock Beer. 16,662; Jan. 11.

LIST OF REGISTRANTS OF PRINTS

Anderson, James G., Wauchula, Fla. Courtesy Station. For Safety Devices in the Form of a Temporary Shelter To Be Placed Along Highways, for Accommodation of School Children. 16,644; Jan. 11.

Bemis Bro. Bag Co., St. Louis, Mo. Bemis Waterproof Bags. For Waterproof Bags. 16,645–6; Jan. 11.

Drewrys Limited U. S. A., Inc., South Bend, Ind. Drewrys Jug O' Ale. For Ale. 16,647; Jan. 11.

Hills Bros., San Francisco, Calif. The Groaning Board. For Coffee. 16,648; Jan. 11.

Hills Bros., San Francisco, Calif. The Stereopticon Lecture. For Coffee. 16,649; Jan. 11.

Hills Bros., San Francisco, Calif. Graduation Day. For Coffee. 16,650; Jan. 11.

Hills Bros., San Francisco, Calif. The Parlor Organ. For Coffee. 16,651; Jan. 11.

Hills Bros., San Francisco, Calif. Bobbing for Apples. For Coffee. 16,652; Jan. 11.

Hills Bros., San Francisco, Calif. The Taffy Pull. For Coffee. 16,653; Jan. 11.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Fiber, Synthetic staple. Tennessee Eastman Corporation. 353,668; Jan. 11; Serial No. 397,008; published Nov. 2, 1937.

Fibrene, Artificial textile. Commerciale Italiana Societá Anonima, per il Rayon Cisa-Rayon. 353,517; Jan. 11; Serial No. 394,697; published Nov. 2, 1937.

Fur, Hudson seal. A. G. Clums. 353,660; Jan. 11; Serial No. 397,021; published Nov. 2, 1937.

Hides, Raw. Garden State Tanning Co. 353,570; Jan. 11; Serial No. 396,034; published Nov. 2, 1937.

Kindling blocks. Ez-Fire Company. 353,606; Jan. 11; Serial No. 396,457; published Nov. 2, 1937.

Leather. Willard Helburn, Inc. 353,680; Jan. 11; Serial No. 397,250; published Nov. 2, 1937.

Leathers. Partly-prepared and finished. Verna Tanning Co. 353,667; Jan. 11; Serial No. 397,093; published Nov. 2, 1937.

Leathers. Partly-prepared and finished. Verna Tanning Co. 353,683; Jan. 11; Serial No. 397,394; published Nov. 2, 1937.

Quartz, quartzite, digester, etc. Minnesota Mining & Manufacturing Company. 353,500; Jan. 11; Serial No. 393,866; published Nov. 2, 1937.

CLASS 2

Cartons, packages, boxes, etc. Lamcote, Incorporated. 353,482; Jan. 11; Serial No. 391,490; published Nov. 2, 1937.

Containers, Odorproof. Electro-Cosmic, Inc. 353,668; Jan. 11; Serial No. 397,111; published Nov. 2, 1937.

Portfolios, Salesmen's. L. C. Zander. 353,506; Jan. 11; Serial No. 394,155; published Nov. 2, 1937.

CLASS 5

Cement, Linoleum. I. Beck & Sons Inc. 353,496; Jan. 11; Serial No. 395,162; published Nov. 2, 1937.

Non-slip composition for pulleys. Manhattan Lubricants Co. 353,556; Jan. 11; Serial No. 396,872; published Nov. 2, 1937.

CLASS 6

Alcoholic solvents, methanol, and radiator anti-freeze solutions. Commercial Solvents Corporation. 353,720; Jan. 11.

Aluminum hydroxide, Colloidal cream of. Cleveland Chemical Associates, Incorporated. 353,596; Jan. 11; Serial No. 396,351; published Nov. 2, 1937.

Anesthetic and antiseptic preparations, Local. W. Neumann. 353,646; Jan. 11; Serial No. 396,690; published Oct. 26, 1937.

Anesthetic material, Local. Novocol Chemical Mfg. Co. 353,563; Jan. 11; Serial No. 395,960; published Oct. 26, 1937.

Anesthetic material, Local. Novocol Chemical Mfg. Co. 353,564; Jan. 11; Serial No. 395,961; published Nov. 2, 1937.

Anesthetic, Surface. Novocol Chemical Mfg. Co. 353,565; Jan. 11; Serial No. 395,963; published Nov. 2, 1937.

Antiseptic and germicidal compound, Bleaching. New Products Corporation. 353,623; Jan. 11; Serial No. 396,609; published Nov. 2, 1937.

Antiseptic counterirritant, Liquid. A. Wangeman. 353,459; Jan. 11; Serial No. 394,826; published Nov. 2, 1937.

Antiseptic, Organic mercurial. Norwich Pharmacal Company. 353,603; Jan. 11; Serial No. 396,421; published Nov. 2, 1937.

Antiseptic tissue, Liquid. L. H. Cooper. 353,584; Jan. 11; Serial No. 396,235; published Oct. 26, 1937.

Astringents, astringent cerates, bleach creams, etc. Maison Jeunelle-Seventeen, Inc. 353,448; Jan. 11; Serial No. 387,068; published Nov. 2, 1937.

Balms, liniment, nose and throat drops, etc. Howell Company. 353,545; Jan. 11; Serial No. 395,578; published Oct. 26, 1937.

Beauty products. F. R. Dudgeon. 353,473; Jan. 11; Serial No. 388,832; published Nov. 2, 1937.

Bile tablets. C. F. Van Dam. 353,529; Jan. 11; Serial No. 396,286; published Nov. 2, 1937.

Carbolic acid, oxalic acid, salicylic acid, etc. Eljay Corporation. 353,535; Jan. 11; Serial No. 395,288; published Oct. 26, 1937.

Chemical ingredient, Active. Hercules Powder Company. 353,536; Jan. 11; Serial No. 396,298; published Nov. 2, 1937.

Chemical Supplies for photo-engraving. Varniah Products Company. 353,590; Jan. 11; Serial No. 396,210; published Nov. 2, 1937.

Chemicals, Photo-engraving and photographic. Chemco Photoproducts Company. 353,510; Jan. 11; Serial No. 394,397; published Oct. 26, 1937.

Compound for the treatment of neuritis, arthritis, and muscular rheumatism. R. L. Goslaw. 353,498; Jan. 11; Serial No. 393,906; published Nov. 2, 1937.

Compound to regulate the urine. M. P. Mossy. 353,516; Jan. 11; Serial No. 394,676; published Nov. 2, 1937.

Cosmetic creams, hair salves, milk lotions, etc. G. Bristol. 353,712; Jan. 11.

Cosmetic preparations. Walgreen Co. 353,718; Jan. 11.

Cosmetics. Marton Freres, Inc. 353,544; Jan. 11; Serial No. 395,573; published Nov. 2, 1937.

Cosmetics. H. L. Rothchild. 353,496; Jan. 11; Serial No. 362,631; published Aug. 13, 1935.

Cosmetics, perfumes, creams, etc. J. Karbe. 353,457; Jan. 11; Serial No. 384,798; published Nov. 2, 1937.

Cough mixture and liniments. N. Barca. 353,595; Jan. 11; Serial No. 396,247; published Nov. 2, 1937.

Cream, lipstick, face powder, etc., Cleansing. H. Einhorn. 353,455; Jan. 11; Serial No. 388,769; published Nov. 2, 1937.

Deodorant. Walgreen Co. 353,557; Jan. 11; Serial No. 395,889; published Nov. 2, 1937.

Deodorant, Mouth. P. Beam. 353,600; Jan. 11; Serial No. 396,478; published Nov. 2, 1937.

Dye for oils. Standard Oil Development Company. 353,554; Jan. 11; Serial No. 395,843; published Nov. 2, 1937.

Emulsion of creosote carbonate. W. B. Guffey. 353,597; Jan. 11; Serial No. 396,343; published Oct. 26, 1937.

Germicides and disinfectants. E. Parent. 353,484; Jan. 11; Serial No. 391,940; published Oct. 26, 1937.

Gout and rheumatic medicine. F. J. Hellmann. 353,561; Jan. 11; Serial No. 396,016; published Nov. 2, 1937.

Granular preparation. Wolin-Sater Company. 353,642; Jan. 11; Serial No. 396,555; published Oct. 26, 1937.

Gum used to relieve acidosis, Chewing. J. H. Karp. 353,665; Jan. 11; Serial No. 397,080; published Nov. 2, 1937.

Hair and scalp conditioner, rouge, nail polish, etc. Los Angeles Soap Company. 353,661–3; Jan. 11; Serial Nos. 397,034–5; published Nov. 2, 1937.

Hair preparation. H. L. Rothchild. 353,633; Jan. 11; Serial No. 396,956; published Oct. 26, 1937.

Herbicides and insecticides. California Spray-Chemical Corporation. 353,639; Jan. 11; Serial No. 396,669; published Oct. 26, 1937.

Herbicides and insecticides. California Spray-Chemical Corporation. 353,631; Jan. 11; Serial No. 396,672; published Oct. 26, 1937.

Insecticide and moth-proofing composition. Zonite Products Corporation. 353,625; Jan. 11; Serial No. 396,654; published Nov. 2, 1937.

Insecticides. Lewy Chemical Co. 343,443–5; Jan. 11; Serial Nos. 380,112–14; published Nov. 2, 1937.

Insecticides and compounds having an odor repulsive to animals. Midway Chemical Co. 353,474; Jan. 11; Serial No. 388,952; published Nov. 2, 1937.

Insecticides, fungicides, and germicides. California Spray-Chemical Corporation. 353,626–7; Jan. 11; Serial Nos. 396,665–6; published Oct. 26, 1937.

Insecticides, fungicides, and germicides. California Spray-Chemical Corporation. 353,628; Jan. 11; Serial No. 396,668; published Oct. 26, 1937.

Insecticides, fungicides, and germicides. California Spray-Chemical Corporation. 353,630; Jan. 11; Serial No. 396,670; published Oct. 26, 1937.

Isotonic aqueous solutions. Abbott Laboratories. 353,676; Jan. 11; Serial No. 397,166; published Nov. 2, 1937.

Laxative preparation. F. J. Hellmann. 353,562; Jan. 11; Serial No. 395,917; published Nov. 2, 1937.

Laxative preparation. L. J. Shaw. 353,647; Jan. 11; Serial No. 396,903; published Oct. 26, 1937.

Liniment, Therapeutic. McKay Brothers. 353,471; Jan. 11; Serial No. 388,400; published Oct. 26, 1937.

Lotion. Suntan. Kilgore Development Corporation. 353,650; Jan. 11; Serial No. 396,922; published Nov. 2, 1937.

Lotions, Skin. Jaymar's Inc. 353,573; Jan. 11; Serial No. 396,056; published Nov. 2, 1937.

Medical compound or preparation. Aristopharm A.-G. (Aristopharm S. A.), (Aristopharm Ltd.). 353,468; Jan. 11; Serial No. 392,837; published Nov. 2, 1937.

Medicaments, Orally administered. Abbott Laboratories. 353,674; Jan. 11; Serial No. 397,164; published Nov. 2, 1937.

Medicated cigarettes. York Drug Co. 353,672; Jan. 11; Serial No. 397,160; published Nov. 2, 1937.

Medicinal compounds. Maltine Company. 353,568; Jan. 11; Serial No. 395,999; published Nov. 2, 1937.

Medicinal compounds. M. Wolf. 353,532; Jan. 11; Serial No. 395,251; published Oct. 26, 1937.

Medicinal preparation. J. Di Mauro. 353,591; Jan. 11; Serial No. 396,301; published Nov. 2, 1937.

Medicinal preparation. Eli Lilly and Company. 353,670; Jan. 11; Serial No. 397,136; published Nov. 2, 1937.

Medicinal preparation. Eli Lilly and Company. 353,671; Jan. 11; Serial No. 397,138; published Nov. 2, 1937.

Medicinal preparation. J. R. Watkins Company. 353,663; Jan. 11; Serial No. 397,060; published Oct. 26, 1937.

Medicinal preparations. W. Neumann. 353,581; Jan. 11; Serial No. 396,198; published Oct. 26, 1937.

Mineral concentrate, Livestock. R. W. Noland. 353,441; Jan. 11; Serial No. 376,974; published Nov. 2, 1937.

Mineral water, Compounded. Kane & Company. 353,470; Jan. 11; Serial No. 387,872; published Nov. 2, 1937.

Monocalcium phosphate. American Agricultural Chemical Company. 353,703; Jan. 11.

Ointments and salves. Hewett & Eckel. 353,505; Jan. 11; Serial No. 394,040; published Nov. 2, 1937.

Pancreatic extract. Sharp & Dohme, Incorporated. 353,553; Jan. 11; Serial No. 395,723; published Nov. 2, 1937.

Perfume. Harriet Hubbard Ayer, Inc. 353,551; Jan. 11; Serial No. 395,695; published Oct. 26, 1937.

Perfume, toilet water, face powder, etc. Faberge Inc. 353,522; Jan. 11; Serial No. 394,832; published Nov. 2, 1937.

Perfume, vanishing cream, hair dressing, etc. Abbé Wallace Cosmetics, Inc. 353,547; Jan. 11; Serial No. 395,603; published Nov. 2, 1937.

Pharmaceutical acidophilus compound. Florex Laboratory. 353,460; Jan. 11; Serial No. 385,274; published Nov. 2, 1937.

Pharmaceutical preparation. Charles C. Haskell & Co. 353,588; Jan. 11; Serial No. 396,267; published Oct. 26, 1937.

Preparation for feminine hygiene. S. M. Laboratories, Inc. 353,477; Jan. 11; Serial No. 389,754; published May 11, 1937.

Preparation for removal of dandruff, hair tonic, preparation for prevention of falling hair, etc. S. Coochicos. 353,534; Jan. 11; Serial No. 395,285; published Nov. 2, 1937.

Preparation for the treatment of neoplasms. B. S. Cornell. 353,575; Jan. 11; Serial No. 396,119; published Nov. 2, 1937.

Preparation for use in the grafting and dressing of trees and plants. Ever-Plastic Corporation. 353,614; Jan. 11; Serial No. 396,532; published Nov. 2, 1937.

Preparation to be used on cigarette or pipe tobacco. H. Dutchman. 353,466; Jan. 11; Serial No. 386,416; published Nov. 2, 1937.

Preparations designed to stimulate the growth of hair, pressing oil, hair dressing, etc. Fuller Products Co. 353,716; Jan. 11.

Preservative and vermicide, Wood. Tennessee Eastman Corporation. 353,478; Jan. 11; Serial No. 390,333; published Nov. 2, 1937.

Product for oral administration in the treatment of anemia. Abbott Laboratories. 353,675; Jan. 11; Serial No. 397,165; published Nov. 2, 1937.
Remedy for hyperacidity and digestive disorders. Battle Creek Food Company. 352,664; Jan. 11; Serial No. 397,066; published Nov. 2, 1937.
Rouges, face powders, body powders, etc., Dry. C. W. Davenport. 352,442; Jan. 11; Serial No. 378,481; published Nov. 2, 1937.
Shampoo and disinfectant. R. A. Farron. 353,490; Jan. 11; Serial No. 392,969; published Oct. 26, 1937.
Soot destroyer and fuel saver. Acme Chemical Company. 353,439; Jan. 11; Serial No. 375,918; published June 16, 1936.
Suppositories, Rectal. J. C. Benson. 352,695; Jan. 11.
Toilet preparations. Rourjois, Inc. 352,719; Jan. 11.
Tonic, expectorant, diuretic, etc. J. H. Ott, Jr. 353,602; Jan. 11; Serial No. 396,420; published Oct. 26, 1937.
Tonic, gray hair tonic, etc., Dandruff removing. Nourishine Sales Co. 353,636; Jan. 11; Serial No. 396,829; published Nov. 2, 1937.
Tonic, Nerve. Viver Chemical Company. 353,540; Jan. 11; Serial No. 395,437; published Nov. 2, 1937.
Tonics, Nerve and digestive. R. Parent. 353,492; Jan. 11; Serial No. 393,184; published Nov. 2, 1937.
Toxine, Snake. Osterreichische Serum-Gesellschaft m. b. H. 353,529; Jan. 11; Serial No. 395,179; published Nov. 2, 1937.
Vaso-constricting substance. D. Curtis. 353,461; Jan. 11; Serial No. 385,725; published Oct. 26, 1937.
Viosterol. General Mills, Inc. 353,592; Jan. 11; Serial No. 396,306; published Oct. 26, 1937.
Wood preservative. S. Kamesan. 353,479; Jan. 11; Serial No. 390,920; published Oct. 26, 1937.
Worm expellers for animals and fowl. Moorman Manufacturing Company. 353,501; Jan. 11; Serial No. 393,580; published Nov. 2, 1937.

CLASS 8

Pipes. Kaufmann Bros. & Bondy, Inc. 353,607; Jan. 11; Serial No. 396,463; published Nov. 2, 1937.

CLASS 9

Pistol hammers, Asymmetrical. D. W. King. 353,691; Jan. 11; Serial No. 397,068; published Nov. 2, 1937.

CLASS 11

Oils for printing inks, Drying. Woburn Degreasing Company of New Jersey. 353,613; Jan. 11; Serial No. 396,525; published Nov. 2, 1937.

CLASS 12

Brick. Victor Cushwa & Sons. 353,725; Jan. 11.
Doors, Garage. Tilt-A-Door Corporation. 353,640; Jan. 11; Serial No. 396,846; published Oct. 26, 1937.
Gutters. A. C. Long. 353,686; Jan. 11; Serial No. 397,476; published Nov. 2, 1937.
Houses and buildings, Portable and prefabricated. E. F. Hodgson Co. 353,499; Jan. 11; Serial No. 393,853; published Oct. 26, 1937.
Joints for concrete roads and the like. American Concrete Expansion Joint Co. 353,476; Jan. 11; Serial No. 389,595; published Nov. 2, 1937.
Plastic compounds for setting glass etc. Ever-Plastics Corporation. 353,687; Jan. 11; Serial No. 397,505; published Nov. 2, 1937.
Roofing granules. Minnesota Mining & Manufacturing Company. 353,711; Jan. 11.
Sash and store front constructions, etc. Libbey-Owens-Ford Glass Company. 353,491; Jan. 11; Serial No. 392,990; published Nov. 2, 1937.
Weather-proofing material, Composite sheet. Chase Brass & Copper Co. Incorporated. 353,590; Jan. 11; Serial No. 396,900; published Oct. 26, 1937.
Window units, Self adjusting weatherstripped. Whittier Lumber & Millwork Co. 353,685; Jan. 11; Serial No. 397,464; published Nov. 2, 1937.

CLASS 13

Casters, nails, tacks, etc., Furniture. Krischer Trading Corporation. 353,601; Jan. 11; Serial No. 396,411; published Nov. 2, 1937.
Check-valves, float-valves, gate-valves, etc. American Iron & Machine Works Company. 353,558; Jan. 11; Serial No. 395,993; published Nov. 2, 1937.
Hollowware, Base metal table and cooking. Aluminum Cooking Utensil Company. 353,569; Jan. 11; Serial No. 396,020; published Nov. 2, 1937.
Shade hangers. Rebel Manufacturing Co. 353,453; Jan. 11; Serial No. 383,032; published Nov. 2, 1937.
Valve for plumbing fixtures, Combination hot and cold water control. C. G. Wall. 353,641; Jan. 11; Serial No. 396,846; published Nov. 2, 1937.

CLASS 14

Castings made from aluminum alloys. Doehler Die Casting Co. 353,654; Jan. 11; Serial No. 397,435; published Nov. 2, 1937.
Steel, Drill. Midvale Company. 353,678; Jan. 11; Serial No. 397,220; published Nov. 2, 1937.
Steel, Tool. Midvale Company. 353,672; Jan. 11; Serial No. 397,141; published Nov. 2, 1937.

CLASS 15

Candles. Muench-Kreuzer Candle Co. 353,710; Jan. 11.
Oil, Journal and heavy duty. Cities Service Oil Company. 353,621; Jan. 11; Serial No. 396,594; published Nov. 2, 1937.
Oil, Quenching. Cities Service Oil Company. 353,620; Jan. 11; Serial No. 396,593; published Nov. 2, 1937.
Oils and cutting oil bases, Cutting. Emery Industries, Inc. 353,717; Jan. 11.
Oils and greases and extreme pressure oils, Lubricating. H. H. Sessions. 353,616; Jan. 11; Serial No. 396,583; published Oct. 26, 1937.
Oils and greases, Lubricating. American Oil Company. 353,541; Jan. 11; Serial No. 395,466; published Nov. 2, 1937.
Oils and greases, lubricating oil compounds, etc., Lubricating. Lubri-Zol Corporation. 353,458; Jan. 11; Serial No. 384,804; published Oct. 26, 1937.
Oils, Lubricating. Union Oil Company of California. 353,578; Jan. 11; Serial No. 396,173; published Oct. 19, 1937.
Oils, Machine. R. Parent. 353,493; Jan. 11; Serial No. 393,199; published Oct. 26, 1937.

CLASS 16

Aluminum powders and pastes, and a liquid vehicle adapted to be mixed therewith, Prepared. Paraffine Companies, Inc. 353,566; Jan. 11; Serial No. 396,954; published Nov. 2, 1937.
Paint, aluminum paste, bronzing liquids, etc., Aluminum. Acme Bronze Powder Company. 353,455; Jan. 11; Serial No. 382,513; published Nov. 2, 1937.
Paint enamel. Western Auto Supply Company. 353,660; Jan. 11; Serial No. 397,506; published Nov. 2, 1937.
Paint, varnishes, and paint enamels. Ironhard Paint & Color Works, Ltd. 353,462; Jan. 11; Serial No. 386,390; published July 27, 1937.
Paints, Ready mixed. Acme White Lead and Color Works. 353,615; Jan. 11; Serial No. 396,554; published Nov. 2, 1937.
Polish, Automobile and furniture. C. A. Symmes. 353,537; Jan. 11; Serial No. 395,376; published Nov. 2, 1937.
Polishes or sealers for cleaning and polishing painted, varnished or other finished surfaces. W. G. Baryl. 353,489; Jan. 11; Serial No. 392,839; published Nov. 2, 1937.

CLASS 19

Automobiles and structural parts thereof and chassis therefor, etc. American Bantam Car Company. 353,494; Jan. 11; Serial No. 393,246; published Oct. 26, 1937.
Automobiles and structural parts thereof and chassis therefor, etc. American Bantam Car Company. 353,688-9; Jan. 11; Serial Nos. 397,563-4; published Oct. 26, 1937.
Heaters for automobiles, Hot water. B. F. Goodrich Company. 353,576; Jan. 11; Serial No. 396,130; published Nov. 2, 1937.
Tractor trucks. Koehring Company. 353,440; Jan. 11; Serial No. 376,351; published Nov. 2, 1937.
Trailers. Palace Travel Coach Corporation. 353,524; Jan. 11; Serial No. 394,906; published Nov. 2, 1937.
Wiper blades, Vehicle windshield. Sleetex Co. Inc. 353,633; Jan. 11; Serial No. 396,790; published Nov. 2, 1937.

CLASS 21

Electric ranges and parts thereof. Electromaster, Inc. 353,656; Jan. 11; Serial No. 396,983; published Nov. 2, 1937.
Electric transformers. Westinghouse Electric & Manufacturing Company. 353,604; Jan. 11; Serial No. 396,429; published Nov. 2, 1937.
Electric water supply heaters. Eastian-Morley Co. Inc. 353,619; Jan. 11; Serial No. 396,591; published Nov. 2, 1937.
Flashlights and flashlight cases. Burgess Battery Company. 353,648; Jan. 11; Serial No. 396,906; published Nov. 2, 1937.
Transformers, radio transformers, ionising transformers, etc., Auto. Jefferson Electric Company. 353,521; Jan. 11; Serial No. 394,786; published Nov. 2, 1937.

CLASS 22

Billiard cues. Brunswick-Balke-Collender Company. 353,702; Jan. 11.
Footballs, basketballs, rugby balls, etc. Ricardo Bensal & Hijos. 353,539; Jan. 11; Serial No. 395,397; published Nov. 2, 1937.
Game board. Autobridge, Inc. 353,694; Jan. 11; Serial No. 397,833; published Nov. 2, 1937.
Game of chance. S. J. Kremer. 353,612; Jan. 11; Serial No. 396,497; published Nov. 2, 1937.
Toy railroad tracks. Parfait Powder Puf Company. 353,651; Jan. 11; Serial No. 396,929; published Nov. 2, 1937.

CLASS 23

Diaphragms. Chelford Master Manufacturing Co. 353,525; Jan. 11; Serial No. 395,017; published Nov. 2, 1937.

Handles for axes, hatchets, etc., Wooden. Turner, Day & Woolworth Handle Company. 353,599; Jan. 11; Serial No. 396,374; published Nov. 2, 1937.
Hoisting units and detachable buckets and containers therefor. Dempster Brothers, Incorporated. 353,486; Jan. 11; Serial No. 392,583; published Nov. 2, 1937.
Razor blades. Scranton Tobacco Company. 353,638; Jan. 11; Serial No. 396,837; published Nov. 2, 1937.
Razor blades. Scranton Tobacco Company. 353,639; Jan. 11; Serial No. 396,838; published Nov. 2, 1937.
Razor blades, Safety. Colton Razor Blade Company. 353,654-5; Jan. 11; Serial Nos. 396,979-80; published Nov. 2, 1937.

CLASS 25

Lock bearing plates, Sash and screen. L. J. Schmidt. 353,454; Jan. 11; Serial No. 383,273; published Nov. 2, 1937.

CLASS 26

Articles of commerce comprising a holder, a composite photograph in the holder and a movable screen in front of the photograph. Grant Photo Corp. 353,657; Jan. 11; Serial No. 396,969; published Nov. 2, 1937.
Film, sound recording film, etc., Photographic. Eastman Kodak Company. 353,567; Jan. 11; Serial No. 396,264; published Nov. 2, 1937.
Films, sound films, etc., Motion picture. Sound Masters, Inc. 353,523; Jan. 11; Serial No. 394,683; published Nov. 2, 1937.
Goggles. Bachman Brothers, Inc. 353,643; Jan. 11; Serial No. 396,862; published Nov. 2, 1937.

CLASS 28

Flatware, hollow-ware, and gold and silver plated ware. Weidlich Bros. Mfg. Co. 353,570; Jan. 11; Serial No. 396,174; published Oct. 19, 1937.
Flatware, Silver plated. Sales Stimulators. 353,514; Jan. 11; Serial No. 394,636; published Oct. 12, 1937.
Jewelry, Men's. Irving Brandt & Co. 353,531; Jan. 11; Serial No. 395,214; published Oct. 12, 1937.
Necklaces and bracelets, finger rings, etc. Cohn & Rosenberger, Inc. 353,552; Jan. 11; Serial No. 395,700; published Oct. 12, 1937.
Pins, clips, and chains, etc. Spudel Corporation. 353,502; Jan. 11; Serial No. 393,577; published Sept. 28, 1937.
Ring with handkerchief attached, the ring being made of precious metal. David E. Schwab & Company. 353,596; Jan. 11; Serial No. 396,941; published Oct. 19, 1937.
Rings, pins, bracelets, etc., Finger. D. F. Ebbert. 353,543; Jan. 11; Serial No. 395,570; published Oct. 12, 1937.
Silverware. Weidlich Sterling Spoon Co. 353,594; Jan. 11; Serial No. 396,930; published Oct. 19, 1937.

CLASS 29

Tooth brushes. S. H. Kress and Company. 353,692; Jan. 11; Serial No. 397,671; published Nov. 2, 1937.

CLASS 31

Filters and water softeners. Universal Water Softener Co. 353,666; Jan. 11; Serial No. 397,092; published Nov. 2, 1937.
Filters, Lubricating oil. W. Schwalge. 353,682; Jan. 11; Serial No. 397,302; published Nov. 2, 1937.

CLASS 32

Bed springs and mattresses. Greenpoint Metallic Bed Company. 353,508; Jan. 11; Serial No. 394,229; published Nov. 2, 1937.
Chairs, benches, seats, etc. E. Hauser. 353,480; Jan. 11; Serial No. 391,817; published Nov. 2, 1937.
Commode pad. L. Albert. 353,437; Jan. 11; Serial No. 380,903; published Nov. 2, 1937.

CLASS 34

Lenses, Automobile safety reflecting and signal. Superior Parts Company. 353,721; Jan. 11.

CLASS 35

Tires and tubes, Rubber. Pure Oil Company. 353,637; Jan. 11; Serial No. 396,835; published Nov. 2, 1937.

CLASS 36

Music wire, Steel. American Glese Wire Corporation. 353,450; Jan. 11; Serial No. 382,547; published Nov. 2, 1937.

CLASS 37

Paper, Laminated wrapping. Menasha Products Company. 353,527; Jan. 11; Serial No. 396,074; published Nov. 2, 1937.
Paper printed tally boards and cards. S. J. Kramer. 353,611; Jan. 11; Serial No. 396,496; published Nov. 2, 1937.
Paper, Waxed. Economy Paper Products Company. 353,482; Jan. 11; Serial No. 391,887; published Nov. 2, 1937.
Tablets, pads, blank books, etc. School. Birmingham Paper Co. 353,542; Jan. 11; Serial No. 395,514; published Nov. 2, 1937.

Tagboard, Solid white paper. Brownville Board Company. 353,605; Jan. 11; Serial No. 396,444; published Nov. 2, 1937.
Tissue, Toilet. Leonard Tissue Company. 353,593; Jan. 11; Serial No. 396,318; published Nov. 2, 1937.

CLASS 38

Books in prose or poetry, Printed. W. H. Robb. 353,446; Jan. 11; Serial No. 380,489; published Oct. 26, 1937.
Cards, Greeting. R. B. Janes. 353,681; Jan. 11; Serial No. 397,252; published Oct. 26, 1937.
Cartoon strips. Snow Crest Beverages, Inc. 353,653; Jan. 11; Serial No. 396,970; published Oct. 26, 1937.
Magazine, Monthly. Screen Juveniles, Inc. 353,624; Jan. 11; Serial No. 396,615; published Oct. 26, 1937.
Newspaper, Daily. Hildreth & Rogers Co. 353,520; Jan. 11; Serial No. 395,068; published Nov. 2, 1937.
Newspaper, Daily. News Printing Company. 353,546; Jan. 11; Serial No. 395,589; published Oct. 26, 1937.
Periodical. Las Vegas Post No. 8, The American Legion, Department of Nevada. 353,617; Jan. 11; Serial No. 396,570; published Nov. 2, 1937.
Periodical, Thomas Publishing Company. 353,515; Jan. 11; Serial No. 394,645; published Nov. 2, 1937.
Periodical, Monthly. Classified Advertising Copy Service. 353,528; Jan. 11; Serial No. 395,124; published Oct. 26, 1937.
Photographs. R. B. Wheelan. 353,548; Jan. 11; Serial No. 396,634; published Nov. 2, 1937.
Picture section of a newspaper. Look, Inc. 353,467; Jan. 11; Serial No. 386,492; published Nov. 2, 1937.
Prints, Photographic. Globe Photo, Inc. 353,550; Jan. 11; Serial No. 395,664; published Nov. 2, 1937.
Publication, Annual. Advertising Publications, Incorporated. 353,533; Jan. 11; Serial No. 395,255; published Nov. 2, 1937.
Publication, Periodical. Automobile Digest Publishing Corp. 353,634; Jan. 11; Serial No. 396,797; published Oct. 26, 1937.
Publication, Periodical. Bryan Davis Publishing Company. 353,635; Jan. 11; Serial No. 396,807; published Oct. 26, 1937.
Publication, Periodical. Export Manual Publishing Corporation. 353,622; Jan. 11; Serial No. 396,601; published Oct. 26, 1937.
Section of a monthly publication. F. W. Dodge Corporation. 353,585; Jan. 11; Serial No. 396,226; published Nov. 2, 1937.
Skits for radio stations, Periodical program. California Conserving Company. 353,504; Jan. 11; Serial No. 393,971; published Nov. 2, 1937.
Stories, Illustrated. C. Cratcher. 353,497; Jan. 11; Serial No. 393,753; published Nov. 2, 1937.

CLASS 39

Blouses and dresses. A. Geist. 353,704; Jan. 11.
Blouses and dresses. L. E. Goetz. 353,600; Jan. 11; Serial No. 396,398; published Nov. 2, 1937.
Blouses, dresses, and suits, Ladies'. Adelaar Bros., Inc. 353,724; Jan. 11.
Blouses, pajamas, petticoats, etc. Leon Jay Byron Co. 353,580; Jan. 11; Serial No. 396,179; published Nov. 2, 1937.
Boots and shoes, Rubber. United States Rubber Company. 120,048-9; renewed Jan. 1, 1938.
Braces, belts, and garters. Hickok Manufacturing Company. 353,707; Jan. 11.
Chemises, princess slips, bloomers, etc. I. Schneierson & Sons, Inc. 353,509; Jan. 11; Serial No. 394,257; published Oct. 26, 1937.
Coats and suits. Whellkin Coat Co. Inc. 353,722; Jan. 11.
Coats, Fur. B. Hutner. 353,696; Jan. 11.
Coats, fur jackets, fur scarfs, etc., Ladies' fur. Sonnenfeld Millinery Company. 353,574; Jan. 11; Serial No. 396,087; published Oct. 26, 1937.
Dresses, blouses, and jumpers, Girls'. L. J. Goldberger. 353,487; Jan. 11; Serial No. 392,726; published Oct. 26, 1937.
Dresses, coats, suits, etc. Associated Merchandising Corporation. 353,715; Jan. 11.
Garments, Children's play. Northern Jobbing Company. 353,582; Jan. 11; Serial No. 396,200; published Oct. 26, 1937.
Garments, Cotton. Riverside & Dan River Cotton Mills, Inc. 353,452; Jan. 11; Serial No. 382,996; published Oct. 26, 1937.
Gloves. M. Rabin. 353,714; Jan. 11.
Hats, Felt. Etablissements E. Fléchet. 353,713; Jan. 11.
Hosiery. Berkshire Knitting Mills. 353,644; Jan. 11; Serial No. 396,863; published Nov. 2, 1937.
Hosiery. Berkshire Knitting Mills. 353,645; Jan. 11; Serial No. 396,866; published Nov. 2, 1937.
Hosiery. Largman Gray Company. 353,511; Jan. 11; Serial No. 394,462; published Oct. 26, 1937.
Hosiery. O'Connor & Goldberg. 353,583; Jan. 11; Serial No. 396,201; published Oct. 26, 1937.
Overcoats and topcoats. H. A. Seinsheimer Company. 353,709; Jan. 11.
Shirts. Phillips-Jones Corporation. 353,700; Jan. 11.
Shirts and pajamas, Outer. Winton Shirt Corporation. 353,555; Jan. 11; Serial No. 395,851; published Oct. 26, 1937.

Shirts, outer-shirts, knit jackets, etc., Polo. Norwich Knitting Company. 353,456; Jan. 11; Serial No. 394,097; published Dec. 1, 1936.
Shoes. Morris Shoe Co. Inc. 353,697; Jan. 11.
Suits. Levy Bros. & Adler Rochester, Incorporated. 353,706; Jan. 11.
Suits. Louis Goldsmith, Inc. 353,698; Jan. 11.
Suits, coats, overcoats, etc. Hart, Schaffner & Marx. 353,495; Jan. 11; Serial No. 393,423; published Nov. 2, 1937.
Suits, coats, vests, etc. L. H. Manke. 353,503; Jan. 11; Serial No. 393,912; published Oct. 26, 1937.
Suits, overcoats, raincoats, etc. Browning King & Co. of New York, Inc. 353,518–9; Jan. 11; Serial Nos. 394,742–3; published Oct. 26, 1937.
Suspenders. Condor Products, Inc. 353,701; Jan. 11.
Sweaters. Maurice Holman, Inc. 353,520; Jan. 11; Serial No. 394,784; published Nov. 2, 1937.
Topcoats. Levy Bros. & Adler Rochester, Incorporated. 353,438; Jan. 11; Serial No. 372,878; published Nov. 2, 1937.

CLASS 42

Pillow protectors, blanket protectors, etc. S. J. Goldwater. 353,469; Jan. 11; Serial No. 387,376; published Nov. 2, 1937.
Rayon piece goods. Arnold Sales Corporation. 353,610; Jan. 11; Serial No. 396,483; published Nov. 2, 1937.

CLASS 45

Drinks, Soft. G. N. Halliburton. 353,649; Jan. 11; Serial No. 396,915; published Nov. 2, 1937.

CLASS 46

Candy. Jacobs Candy Company. 118,973; renewed Oct. 16, 1937.
Candy. Ben Myerson, Inc. 353,679; Jan. 11; Serial No. 397,323; published Nov. 2, 1937.
Candy. Schall Candy Co. 353,447; Jan. 11; Serial No. 381,583; published Nov. 2, 1937.
Candy. Schutter Candy Company. 353,677; Jan. 11; Serial No. 397,199; published Nov. 2, 1937.
Canned fish and smoked fish. Heinrich Gerlach Gesellschaft mit beschrankter Haftung. 353,481; Jan. 11; Serial No. 391,219; published Oct. 26, 1937.
Canned tomatoes, tomato purée and tomato juice. Caar Canning Company. 353,449; Jan. 11; Serial No. 381,904; published Oct. 20, 1936.
Chocolates and molasses candy. Edgar P. Lewis & Sons, Inc. 353,723; Jan. 11.
Coffee. Kroger Grocery & Baking Company. 353,632; Jan. 11; Serial No. 396,741; published Nov. 2, 1937.
Confections, Frozen. Joe Lowe Corporation. 353,472; Jan. 11; Serial No. 388,581; published Apr. 20, 1937.
Egg albumen for food purposes, Modified. Commercial Creamery Company. 353,549; Jan. 11; Serial No. 396,637; published Nov. 2, 1937.
Flour, Wheat. Lynchburg Milling Company. 353,512; Jan. 11; Serial No. 394,543; published Nov. 2, 1937.
Food product, Supplemental. Anabolic Food Products, Inc. 353,463–6; Jan. 11; Serial Nos. 386,902–4; published Nov. 2, 1937.
Fruits, particularly canned bananas. W. H. O'Neil. 353,448; Jan. 11; Serial No. 381,686; published Nov. 2, 1937.
Grains, Distillers' dried. Schenley Products Company. 353,571–2; Jan. 11; Serial Nos. 396,045–6; published Nov. 2, 1937.
Lettuce, fresh apples, etc., Fresh. Idaho Fruit & Produce Company. 353,616; Jan. 11; Serial No. 396,569; published Nov. 2, 1937.
Milk powder, Skim. Sheffield Condensed Milk Co. 353,577; Jan. 11; Serial No. 396,169; published Nov. 2, 1937.
Noodles, spaghetti, macaroni, etc. Blue Ribbon Noodle Company. 353,638; Jan. 11; Serial No. 395,396; published Nov. 2, 1937.
Oils, Edible. Leghorn Trading Co. Inc. 353,669; Jan. 11; Serial No. 397,135; published Nov. 2, 1937.
Oysters, Fresh. General By-Products Co. 353,706; Jan. 11.
Papaya juice, Liquid preparation of. Griffith Laboratories, Inc. 353,699; Jan. 11.
Rennet. Chr. Hansen's Laboratory, Inc. 353,567; Jan. 11; Serial No. 395,992; published Nov. 2, 1937.
Rice. P. S. Miravalle. 353,706; Jan. 11.
Salad dressing, mayonnaise, sandwich spread, etc. T. W. Platt. 353,606; Jan. 11; Serial No. 396,471; published Nov. 2, 1937.
Sauce, Flavoring. LaChoy Food Products, Inc. 353,475; Jan. 11; Serial No. 389,073; published Nov. 2, 1937.
Sugar, Vanillin. A. Bawin. 353,507; Jan. 11; Serial No. 394,161; published Nov. 2, 1937.
Syrups for food purposes, Malt. Fine Foods, Inc. 353,451; Jan. 11; Serial No. 382,949; published Nov. 2, 1937.

CLASS 47

Wines. L. J. Callanan & Co. 353,559; Jan. 11; Serial No. 395,898; published Nov. 2, 1937.
Wines. Roma Wine Company. 353,513; Jan. 11; Serial No. 394,555; published Nov. 2, 1937.
Wines. Sunny Hill Wineries, Inc. 353,598; Jan. 11; Serial No. 396,373; published Nov. 2, 1937.

CLASS 49

Whiskey. Pacific Wine and Spirits Company. 353,693; Jan. 11; Serial No. 397,677; published Nov. 2, 1937.
Whiskey, Scotch. Berry Bros. & Co. 353,590; Jan. 11; Serial No. 396,296; published Nov. 2, 1937.

CLASS 50

Fabrics, Rubberized. Archer Rubber Company. 353,659; Jan. 11; Serial No. 397,017; published Nov. 2, 1937.

LIST OF LABELS

Ada Milling Company Flour; (Nautical Pattern: Blue & White Sail Boats, White Sea Gulls and Waves, Red Moon, on Blue Background). For Flour. Ada Milling Company. 50,552; Jan. 11.
Ada Milling Company Flour; (Scenic Pattern, Brown Hills and Tree Trunks, Red, Green and Dark Brown in Leaves, Flowers and Shrubs. White Houses, with Green Tops). For Flour. Ada Milling Company. 50,553; Jan. 11.
Admiracion Deluxe Revitalising Scalp and Hair Cream. For Revitalising Scalp and Hair Cream. Admiracion Laboratories, Inc. 50,554; Jan. 11.
Barrington Shampoo. For a Shampoo. North American Dye Corporation. 50,583; Jan. 11.
Beauty Glow. For a Dandruff Shampoo. R. C. Pevehouse. 50,584; Jan. 11.
Beech-Nut Grahams. For Graham Crackers. Beech-Nut Packing Company. 50,557; Jan. 11.
Century 80. For Whiskey. Century Distilling Co. 50,567; Jan. 11.
Century 90. For Whiskey. Century Distilling Co. 50,568; Jan. 11.
Cord-Wire Anchors. For Cord and Wire Anchors. A. C. Brown. 50,559; Jan. 11.
Dr. Sells Cold Capsules. For Cold Capsules. D. F. S. Laboratories, Inc. 50,570; Jan. 11.
F F P (French's Foot Powder). For Foot Powder. French Clinical Laboratory and Supply Depot. 50,571; Jan. 11.
Femese. For a Feminine Antiseptic. E. Boyd. 50,558; Jan. 11.
Gilbert Electric Hair Dryer. For Electric Hair Dryers. A. C. Gilbert Company. 50,573; Jan. 11.
Golden Rod. For Butter. Butler Paper Products Company. 50,566; Jan. 11.
Help Your Pal. For an Ointment for Cats and Dogs. Jamaica Laboratories Company. 50,576; Jan. 11.
Hyatt Billiard Balls. For Billiard Balls. Albany Billiard Ball Company. 50,555; Jan. 11.
Johnson's Auto Cleaner and Polish. For an Automobile Cleaner and Polish. S. C. Johnson & Son, Inc. 50,577; Jan. 11.
Kahns Golden Crust Bread. For Bread. S. Kahn. 50,578; Jan. 11.
Kroger's Country Club Brand Oyster Crackers. For Oyster Crackers. Kroger Grocery & Baking Company. 50,580; Jan. 11.
Minervite Vitamins and Minerals. For Vitamin and Mineral Capsules. Minervite Vitamin Company. 50,581; Jan. 11.
Noonan's Garden Fresh. For String Beans. L. F. Noonan Co. 50,582; Jan. 11.
Old Page Brand. For Apple Brandy. L. V. Kite. 50,579; Jan. 11.
Perfect Sleeper. For Mattresses. Sleeper, Inc. 50,587; Jan. 11.
Polar Cub Electric Beatsfast. For Portable Electric Beaters for all Kitchen Purposes. A. C. Gilbert Company. 50,574; Jan. 11.
Polar Cub Electric Hair Dryer. For Electric Hair Dryers. A. C. Gilbert Company. 50,575; Jan. 11.
'Polo Ham'. For Ham. W. Trzeirsewski. 50,591; Jan. 11.
Restal Knight. For Mattresses. Sleeper, Inc. 50,589; Jan. 11.
Savet, Extra Quality Soles. For Soles, Cement-Applied, for Shoes. Auburn Rubber Corporation. 50,556; Jan. 11.
Simms' Original Flaked & Shredded Sassafras. For Flaked and Shredded Sassafras to be Used as a Tea. H. Simms & Sons. 50,586; Jan. 11.
Smooth-Rest. For Mattresses. Sleeper, Inc. 50,590; Jan. 11.
Superb Bread. For Bread. Saniwax Paper Co. 50,585; Jan. 11.
Terr. Design No. 317A. For Butter. Butler Paper Products Company. 50,564; Jan. 11.
Terr. Des. No. 365. For Butter. Butler Paper Products Company. 50,565; Jan. 11.

Territorial No. 122A. For Butter. Butler Paper Products Company. 50,560; Jan. 11.
Territorial Design No. 256A. For Butter. Butler Paper Products Company. 50,561; Jan. 11.
Territorial No. 285A. For Butter. Butler Paper Products Company. 50,562; Jan. 11.
Territorial Design No. 310A. For Butter. Butler Paper Products Company. 50,563; Jan. 11.
Tiny Sleeper. For Crib Mattresses. Sleeper, Inc. 50,588; Jan. 11.
'Volcanite'. For American Pumice. Chamberlain Company (Inc.). 50,569; Jan. 11.
Westclox Big Ben Loud Alarm. For Alarm Clocks. General Time Instruments Corporation. 50,572; Jan. 11.

LIST OF PRINTS

Bemis Waterproof Bags. For Waterproof Bags. Bemis Bro. Bag Co. 16,645–6; Jan. 11.
Bobbing for Apples. For Coffee. Hills Bros. 16,652; Jan. 11.
Bock Beer. For Bock Beer. The Wolf Company. 16,662; Jan. 11.
Courtesy Station. For Safety Devices in the Form of a Temporary Shelter to be placed along Highways, for Accommodation of School Children. J. G. Anderson. 16,644; Jan. 11.
Drewrys Jug O'Ale. For Ale. Drewrys Limited U. S. A., Inc. 16,647; Jan. 11.
Graduation Day. For Coffee. Hills Bros. 16,650; Jan. 11.
Interwoven Socks for Christmas. for Socks. Interwoven Stocking Company. 16,660; Jan. 11.
Korrected-Kurve Krypton. For Spectacles. Tidewater Optical Co. 16,661; Jan. 11.
'Orchids on Your Budget' Zipper House Coat. For Hostess Coats. S. L. Hoffman & Co. 16,658; Jan. 11.
The County Fair. For Coffee. Hills Bros. 16,657; Jan. 11.
The Groaning Board. For Coffee. Hills Bros. 16,648; Jan. 11.
The Old Swimming Hole. For Coffee. Hills Bros. 16,656; Jan. 11.
The Parlor Organ. For Coffee. Hills Bros. 16,651; Jan. 11.
The Smartest Rig in Town. For Coffee. Hills Bros. 16,655; Jan. 11.
The Spelling Match. For Coffee. Hills Bros. 16,654; Jan. 11.
The Stereopticon Lecture. For Coffee. Hills Bros. 16,649; Jan. 11.
The Taffy Pull. For Coffee. Hills Bros. 16,653; Jan. 11.
The Yankee Duchess Zipper Dress. For Dresses. S. L. Hoffman & Co. 16,659; Jan. 11.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 11TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

American Tri-Ergon Corporation, The. (See Vogt, H., Massolle, and Engl, assignors.)

Automotive Maintenance Machinery Co. (See Sharp, John H., assignor.)

Bear, Joseph W., Roanoke, and R. R. Sublette, Vinton, assignors to Double Envelope Corporation, Roanoke, Va. Envelope. 20,618; Jan. 11.

Beauchamp, Wilfred A., Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Door lock. 20,619; Jan. 11.

Caldwell, John R., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tube sole or the like and manufacturing same. 20,617; Jan. 11.

Double Envelope Corporation. (See Bear, J. W., and Sublette, assignors.)

Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical adapter means. 20,615; Jan. 11.

Engl, Josef. (See Vogt, H., Massolle, and Engl.)

Firestone Tire & Rubber Company, The. (See Caldwell, John R., assignor.)

Kingston Products Corporation. (See Douglas, Harry A., assignor.)

Massolle, Joseph. (See Vogt, H., Massolle, and Engl.)

McIntire, Charles V., Shorthills, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Collecter main valve assembly. 20,616; Jan. 11.

Petroleum Processes Corporation, The. (See Tears, Claude F., assignor.)

Porter, Edwin S., New York, N. Y. Film magazine for amateur motion picture cameras. 20,622; Jan. 11.

Semet-Solvay Engineering Corporation. (See McIntire, Charles V., assignor.)

Sharp, John H., Chicago, assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Torque measuring wrench. 20,620; Jan. 11.

Southern Steel Company. (See White, Loyd J., assignor.)

Sublette, Rayborn R. (See Bear, J. W., and Sublette.)

Tears, Claude F., Warren, Pa., assignor to The Petroleum Processes Corporation, Wichita, Kans. High melting point wax and production of same. 20,623; Jan. 11.

Vogt, Hans, Berlin-Steglitz, J. Massolle, Berlin-Gliencke, and J. Engl, Berlin-Charlottenburg, Germany, assignors, by mesne assignments, to America Tri-Ergon Corporation, New York, N. Y. Device for phonographs with linear phonogram carriers. 20,621; Jan. 11.

White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Storage and dispensing apparatus for liquefied gases. 20,624; Jan. 11.

Youngstown Steel Door Company, The. (See Beauchamp, Wilfred A., assignor.)

LIST OF DESIGN PATENTEES

Abbate, Jacob, New York, N. Y. Dress. 107,917; Jan. 11.

Abbate, Jacob, New York, N. Y. Dress. 107,918; Jan. 11.

Abrams, Charles, assignor to Universal Coffee Co., Chicago, Ill. Coffee brewer. 107,847; Jan. 11.

Andersen, Theodore A., assignor to Electric Vapor Corporation, Indianapolis, Ind. Medicated vaporizer. 107,900; Jan. 11.

Ansin Shoe Mfg. Co. (See Snyder, Clarence B., assignee.)

Armeny, Percy J., Roselle Park, assignor to Baker & Company, Inc., Newark, N. J. Jewelry setting or similar article. 107,848; Jan. 11.

Arnold, Charles A., Cranston, and M. P. Hanson, assignors to General Fire Extinguisher Company, Providence, R. I. Air conditioning casing. 107,901; Jan. 11.

Aronson, Louis Y., Newark, N. J., assignor to Art Metal Works, Inc. Combined pyrophoric lighter and cigarette container. 107,849; Jan. 11.

Art Metal Works, Inc. (See Aronson, Louis Y., assignor.)

Atlantic Rug Co. (See Bemporad, Richard F., assignor.)

Atlas Supply Company. (See Kolseth, John H., assignor.)

Baker & Company. (See Armeny, Percy J., assignor.)

Bancroft Walker Company. (See Vamos, Alfred, assignor.)

Bemporad, Richard F., assignor to Atlantic Rug Co., Inc., New York, N. Y. Rug. 107,890; Jan. 11.

Benjamin Electric Mfg. Company. (See Waterbury, John H., assignor.)

Bensi, Jean, New York, N. Y. Dress. 107,919; Jan. 11.

Berlin, Donovan R., Eggertsville, N. Y. Airplane. 107,850; Jan. 11.

Berlinger, Joseph F., New York, N. Y. Scarf blouse. 107,920; Jan. 11.

Boulton, Berthoud C., Towson, and J. S. McDonnell, Jr., assignors to The Glenn L. Martin Company, Baltimore, Md. Airplane. 107,891; Jan. 11.

Brodton, Lynn, Collingswood, N. J. Top for automotive vehicles. 107,902; Jan. 11.

Brown, Sol, Newark, N. J. Cabinet for check controlled apparatus. 107,851; Jan. 11.

Burks, John W., Madison, Ala. Chair seat. 107,852; Jan. 11.

Burns, Frederick M. R., New York, N. Y. Textile fabric. 107,853; Jan. 11.

Century Lighting, Inc. (See Levy, Joseph, assignor.)

Chicago Electric Manufacturing Company. (See Preston, Edward S., assignor.)

Christen, Marcel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,921; Jan. 11.

Christen, Marcel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,922; Jan. 11.

Christen, Marcel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,923; Jan. 11.

Christen, Marcel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,924; Jan. 11.

Christen, Marcel, assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 107,925; Jan. 11.

Cornell, Minn S., Jr., Middletown, Conn., assignor, by mesne assignments, to The Middletown Silver Company. Combined gravy boat and tray. 107,854; Jan. 11.

Curtiss-Wright Corporation. (See Flader, Frederic E., assignor.)

Dapp, Charles, Philadelphia, Pa. Slicing machine. 107,855; Jan. 11.

Easy Washing Machine Corporation. (See Haven, Kent C., assignor.)

Easy Washing Machine Corporation. (See Little, Thomas J., Jr., assignor.)

Eichmann, Lewis, New York, N. Y. Textile fabric. 107,926; Jan. 11.

Eichmann, Louis, New York, N. Y. Textile fabric. 107,927; Jan. 11.

Electric Vapor Corporation. (See Andersen, Theodore A., assignor.)

Farrar, Clarence A., Whitman, Mass. Insulated wire. 107,856; Jan. 11.

Felmann, Henri, Chicago, Ill. Handbag. 107,892; Jan. 11.

Felmann, Henri, Chicago, Ill. Handbag. 107,893; Jan. 11.

Ferragamo, Salvatore, Florence, Italy. Shoe or similar article. 107,857; Jan. 11.

Ferragamo, Salvatore, Florence, Italy. Shoe or similar article. 107,858; Jan. 11.

Ferragamo, Salvatore, Florence, Italy. Shoe or similar article. 107,859; Jan. 11.

Ferris, Robert G., assignor to Starline Inc., Harvard, Ill. Milk stool. 107,860; Jan. 11.

Flader, Frederic E., Kenmore, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Airplane. 107,903; Jan. 11.

Fracchia, Pauline, New York, N. Y. Dress. 107,928; Jan. 11.

Friedman, Oscar, New York, N. Y. Hat. 107,904; Jan. 11.

Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,861; Jan. 11.

Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,862; Jan. 11.

Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,863; Jan. 11.

General Fire Extinguisher Company. (See Arnold, C. A., and Hanson, assignors.)

Gilbert, Charles E., New York, N. Y. Electrical connecter body. 107,905; Jan. 11.

Green, Ruth, New York, N. Y. Cushion. 107,929; Jan. 11.
Gross, Emil, Milwaukee, Wis. Combination key and finger ring. 107,864; Jan. 11.
Hanson, Eric P. (See Arnold, C. A., and Hanson.)
Hardman, Peck and Company. (See Jiranek, Leo, assignor.)
Haven, Kent C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Laundry machine. 107,865; Jan. 11.
Haven, Kent C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Laundry machine. 107,866; Jan. 11.
Hickok Manufacturing Company. (See Mix, Edwin S., assignor.)
Hicks, William E., St. Louis, Mo. Identification tag. 107,867; Jan. 11.
Hoover Company, The. (See Pierce, Frank L., assignor.)
Hutchinson, Robert H., Dallas, Tex. Grille for windows and the like. 107,868; Jan. 11.
Hutchinson, Robert H., Dallas, Tex. Door grille. 107,869; Jan. 11.
Hutchinson, Robert H., Dallas, Tex. Grille. 107,894; Jan. 11.
Illinois Watch Case Company. (See Wewetzer, Albert, assignor.)
Jiranek, Leo, Scarsdale, assignor to Hardman, Peck and Company, New York, N. Y. Piano case. 107,870; Jan. 11.
Kahn, Leo L., New York, N. Y. Embroidered fabric. 107,906; Jan. 11.
Kahn, Leo L., New York, N. Y. Embroidered fabric. 107,907; Jan. 11.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Plate or similar article. 107,871; Jan. 11.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Torte plate or similar article. 107,872; Jan. 11.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Ashtray or similar article. 107,873; Jan. 11.
Klecka, John J., assignor to J. R. Wood & Sons, Inc., Brooklyn, N. Y. Finger ring. 107,874; Jan. 11.
Kolseth, John H., assignor to Atlas Supply Company, Newark, N. J. Combined dial and panel for battery testers. 107,875; Jan. 11.
Lampel, Ida, New York, N. Y. Dress ensemble. 107,908; Jan. 11.
Levin, David, New York, N. Y. Shoe. 107,876; Jan. 11.
Levy, Joseph, New York, N. Y., assignor to Century Lighting, Inc. Adjustable ceiling lighting fixture or similar article. 107,877; Jan. 11.
Levy, Joseph, New York, N. Y., assignor to Century Lighting, Inc. Adjustable ceiling lighting fixture or similar article. 107,878; Jan. 11.
Libbey Glass Company. (See Fuerst, Edwin W., assignor.)
Li-On Bedding Company. (See Marsack, Max, assignor.)
Little, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator. 107,879; Jan. 11.
Lowenthal, Arthur M., assignor to Max Lowenthal & Sons, Rochester, N. Y. Blouse. 107,909; Jan. 11.
Lowenthal, Max, & Sons. (See Lowenthal, Arthur M., assignor.)
Marsack, Max, assignor to Li-On Bedding Company, Milwaukee, Wis. Mattress. 107,880; Jan. 11.
Martin, Glenn L., Company, The. (See Boulton, B. C., and McDonnell, assignors.)
May, Janet, New York, N. Y. Comfortable. 107,895; Jan. 11.
McDonnell, James S., Jr. (See Boulton, B. C., and McDonnell.)
McNiel, Stanley S. S., New York, N. Y. Textile fabric. 107,930; Jan. 11.
Meier, William G., Mamaroneck, N. Y. Embroidered textile fabric. 107,910; Jan. 11.
Michelson, Margaret, New York, N. Y. Dress. 107,911; Jan. 11.
Michelson, Margaret, New York, N. Y. Dress. 107,931; Jan. 11.
Middletown Silver Company, The. (See Cornell, Minn S., Jr., assignor.)
Minchin, Josephine C., Beverly Hills, Calif. Illuminated centerpiece. 107,881; Jan. 11.
Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Cuff link. 107,896; Jan. 11.
Nesbitt, George W., Sycamore, Ill. Assist cord. 107,882; Jan. 11.
Noel, Guy E., Muncie, Ind. Combined display and retainer support. 107,883; Jan. 11.
Pierce, Frank L., assignor to The Hoover Company, North Canton, Ohio. Casing for a suction cleaner or similar article. 107,884; Jan. 11.
Pono, Marie, New York, N. Y. Dress ensemble. 107,932; Jan. 11.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Corn popper. 107,885; Jan. 11.
Rosenfeld, Robert, New York, N. Y. Negligee. 107,912; Jan. 11.
Schwartz, Sallie S., New York, N. Y. Dress. 107,933; Jan. 11.
Silverman, Jacob A., New York, N. Y. Coat. 107,914; Jan. 11.
Smith, Marie E., New York, N. Y. Dress. 107,913; Jan. 11.
Snyder, Clarence B., assignor to Ansin Shoe Mfg. Co., Athol, Mass. Shoe. 107,886; Jan. 11.
Starline Inc. (See Ferris, Robert G., assignor.)
Sussman, Fannie, New York, N. Y. Dress. 107,934; Jan. 11.
United States Glass Company. (See Kelly, Robert A., assignor.)
Universal Coffee Co. (See Abrams, Charles, assignor.)
Vamos, Alfred, New York, N. Y., assignor to Bancroft Walker Company, Waltham, Mass. Shoe. 107,887; Jan. 11.
Waterbury, John H., Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Lighting fixture. 107,888; Jan. 11.
Wellen, Elizabeth G., Lexington, Va. Soap dish. 107,889; Jan. 11.
Wenett, Philip, New York, N. Y. Dress. 107,915; Jan. 11.
Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case. 107,897; Jan. 11.
Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Vanity case. 107,898; Jan. 11.
Wilde, Hans W., North Bergen, N. J. Textile fabric. 107,890; Jan. 11.
Wood, J. R. & Sons, Inc. (See Klecka, John J., assignor.)
Yale Fabrics Corp. (See Christen, Marcel, assignor.)
Zahn, Samuel, New York, N. Y. Dress. 107,935; Jan. 11.
Zahn, Samuel, New York, N. Y. Dress. 107,936; Jan. 11.
Zellweger, Gustav, Palisades, N. J. Lace insert or similar article. 107,916; Jan. 11.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 11TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

A. & M. Karagheusian, Inc. (See Baynton, H. H., and Foster, assignors.)
Abercrombie Pump Company. (See Allen, Herbert, assignor.)
Addinall, Carl R., Westfield, and R. T. Major, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Production of hydrohalides of alkyl esters of iso-quinoline alkaloids. 2,104,726; Jan. 11.
Addressograph-Multigraph Corporation. (See Hueber, Carl J., assignor.)
Afel, Herman A., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Vacuum tube circuit. 2,104,844; Jan. 11.
Agfa Ansco Corporation. (See Dieterle, W., and Horst, assignors.)
Akerman, John, Chicago, Ill., assignor, by mesne assignments, to Bendix Products Corporation, South Bend, Ind. Airplane with floating wings. 2,105,307; Jan. 11.
Akeyson, Swan M., Long Beach, Calif. Vibrating endless screen. 2,104,786; Jan. 11.
Aktiebolaget Asmega Agenturer. (See Clason, Jan C., assignor.)
Allavena, Riccardo, assignor to Societa Italiana Pirelli, Milan, Italy. Manufacture of zinc oxide. 2,105,294; Jan. 11.
Allen, Herbert, assignor, by mesne assignments, to Abercrombie Pump Company, Houston, Tex. Pump. 2,105,067; Jan. 11.
Allendorf, Adam, Forest Hills, N. Y. Feeding device. 2,105,068; Jan. 11.
Allgemeine Elektricitats Gesellschaft. (See Wiegand, E., Meyer, and Pulfrich, assignors.)
Allis-Chalmers Manufacturing Company. (See Giger, W., and Peter, assignors.)
Almdale, Elnar, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Adjustable ram nose for cold riveting fixtures. 2,105,291; Jan. 11.
American Can Company. (See Hothersall, John M., assignor.)
American Forging & Socket Company, The. (See Saunders, Walter S., assignor.)
American Gas Association, Incorporated. (See Suffron, Fay O., assignor.)
American Hyalsol Corporation. (See Bertsch, Heinrich, assignor.)
American Laundry Machine Company, The. (See Johnson, George W., assignor.)
American Laundry Machinery Company, The. (See Mallott, Clifton S., Jr., assignor.)
American Telephone and Telegraph Company. (See Afel, Herman A., assignor.)
American Telephone and Telegraph Company. (See Gannett, Danforth K., assignor.)
Ames Baldwin Wyoming Co. (See Ready, William A., assignor.)
Amico, Joseph, Detroit, Mich., assignor to Motor City Tool Co., Inc. Attaching soles to shoes. 2,105,241; Jan. 11.
Anderegg, Frederick O. (See Hüttemann, E., and Czernin, assignors.)
Anderson, Arthur W., assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,104,962; Jan. 11.
Anderson, Carl E., Hackensack, N. J., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Abrading lenses. 2,105,175; Jan. 11.
Anderson, Edwin G., San Diego, Calif. Electric door chime. 2,104,963; Jan. 11.
Anderson, Edwin J., Snyder, Tex. Refrigerator. 2,104,845; Jan. 11.
Anderson, Harry A., Oelwein, Iowa. Device for removing piston rods from cross heads. 2,105,292; Jan. 11.
Anderson, Ian B. (See Thomson, R. F., Anderson, and Thornley.)
Anderson, Peter A., Portland, Maine. Gas installation housing. 2,105,135; Jan. 11.
Andre, Gustaf E., Richmond, Ind., assignor to Belden Manufacturing Company, Chicago, Ill. Electrical connecter. 2,104,786; Jan. 11.
Andrews Steel Company, The. (See Little, Howard J., assignor.)
Apex Electrical Manufacturing Company, The, as trustee. (See Kirby, James E., assignor.)
Archibald, Frederick R. (See Hubler, W. G., and Archibald.)
Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Lighting fixture. 2,105,447; Jan. 11.
Arnold, Max, New York, N. Y. Permanent waving appliance. 2,105,069; Jan. 11.
Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighting mechanism. 2,104,964; Jan. 11.
Aronson, Louis V., Newark, N. J. Flame producing mechanism. 2,104,965; Jan. 11.
Arrow-Hart & Hegeman Electric Company, The. (See Guett, M., and Bentley, assignors.)
Artcraft Silk Hosiery Mills, Inc. (See Richter, E. F., and Garrett, assignors.)
Art Metal Works, Inc. (See Aronson, Louis V., assignor.)
Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake construction. 2,105,178; Jan. 11.
Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. (See Haalck, Hans, assignor.)
Associated Electric Laboratories, Inc. (See Saunders, Norman H., assignor.)
Associated Electric Laboratories, Inc. (See Smith, Howard H, assignor.)
Automatic Telephone & Electric Company. (See Renshaw, Alfred P. B., assignor.)
Auto Research Corporation. (See Bitur, Joseph, assignor.)
Auto Union A. G. (See Slaby, Rudolf, assignor.)
Autographic Register Company. (See Brenn, Carl W., assignor.)
Avery, Alfred H., Malden, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, and one-half to Parshall Holding Corporation, Syracuse, N. Y. Knife lubricating device. 2,105,293; Jan. 11.
Bass, Edmund J., Rochester, N. Y. Boot tree. 2,105,295; Jan. 11.
Bachtold, Edmond, Whitewood, Saskatchewan, Canada. Tool handle. 2,105,239; Jan. 11.
Backstay Welt Company. (See Barr, G. G., and Kirchner, assignors.)
Baker, Oswell A., San Gabriel, Calif. Parachute. 2,104,966; Jan. 11.
Bakke, Hans A., Swampscott, Mass., assignor to General Electric Company. Electric meter mounting. 2,105,296; Jan. 11.
Baldwin, George T., London, England. Means for use in feeding sheets to printing and other like machines. 2,104,720; Jan. 11.
Baldwin-Southwark Corporation. (See Steinfeld, H. K., Gelson, and Locke, assignors.)
Baldwin-Southwark Corporation. (See Dinzl, Richard W., assignor.)
Ballet, A. H., Corporation. (See Neely, Frank R., assignors.)
Balsam, Maurice M., and W. L. Lawson, New York, N. Y., said Balsam assignor to said Lawson. Method of and apparatus for folding sheet material. 2,104,727; Jan. 11.
Bandur, Adolph F., Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Magnetic core. 2,105,070; Jan. 11.
Bank, Albert M., assignor to Sylvia Bank, Jersey City, N. J. Mattress for beds. 2,104,921; Jan. 11.
Bank, Sylvia. (See Bank, Albert M., assignor.)
Barlow, Edward H. (See Duncan, J. F., and Barlow.)
Barr, Glen G., Union City, Ind., and A. H. Kirchner, Washington, D. C., assignors to Backstay Welt Company, Union City, Ind. Fender welt. 2,105,297; Jan. 11.
Barrett, Adolph, and L. Hirschhorn, New York, N. Y. Reenforced porcelain tooth crown. 2,105,298; Jan. 11.
Barthélemy, René, Fontenay aux Roses, assignor to Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz, Montrouge, France. Device for controlling cathode beams. 2,105,177; Jan. 11.
Bass, John M., Lubbock, Tex. Reinforcement. 2,105,280; Jan. 11.
Battelle Memorial Institute, The. (See Lorig, Clarence H., assignor.)
Bausch & Lomb Optical Company. (See Anderson, Carl E., assignor.)
Baynton, Harold H., and J. W. Foster, Freehold, N. J., assignors to A. & M. Karagheusian, Inc., New York, N. Y. Rug and carpet. 2,104,941; Jan. 11.
Beck, Adolf, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Refining magnesium. 2,105,342; Jan. 11.
Belden Manufacturing Company. (See Andre, Gustaf E., assignor.)
Belloc, Maurice, assignor to Societe Nobel Francaise, Paris, France. Manufacture of vinyl resins. 2,105,206; Jan. 11.

Bendix Aviation Corporation. (See Carroll, E. G., and Taylor, assignors.)

Bendix Aviation Corporation. (See Hunt, George H., assignor.)

Bendix Products Corporation. (See Akerman, John, assignor.)

Bendix Products Corporation. (See Cunningham, Marion M., assignor.)

Bendix Products Corporation. (See Fleming, Herbert J., assignor.)

Bendix Products Corporation. (See Frank, Frederick C., assignor.)

Bendix Products Corporation. (See La Brie, Ludger E., assignor.)

Bendix Products Corporation. (See Roberts, Glyn P., assignor.)

Benner, Roland G. (See Henke, C. O., and Benner.)

Bennett, Ray A., and M. A. Bland, Long Beach, Calif. Advertising sign. 2,105,209; Jan. 11.

Bentley, Robert H. (See Gnett, M., and Bentley.)

Berg, William A., Yakima, Wash. Warehouse truck. 2,105,210; Jan. 11.

Berger, Clarence E., assignor to Hansen-Van Winkle-Munning Company, Matawan, N. J. Brush holder assembly and brush. 2,104,721; Jan. 11.

Bergert, Henry A., assignor to The Timken Roller Bearing Company, Canton, Ohio. Apparatus for mounting raceway members on locomotive crankpins and the like. 2,104,907; Jan. 11.

Bergman, Gus E. (See Reece, Mac G. and A. D., and Bergman.)

Berloth, Nelson E. (See Scott, F. L., and Berloth.)

Berndt, Arthur A., assignor to Electroline Company, Chicago, Ill. Connecter. 2,104,179; Jan. 11.

Bertram, Simon H. The Hague, Netherlands. Preparing purified glycyrrhizine. 2,104,968; Jan. 11.

Bertsch, Heinrich, Chemnitz, Germany, assignor, by mesne assignments, to American Hyalsol Corporation, Wilmington, Del. Production of artificial milk and the like. 2,104,722; Jan. 11.

Bertsch, Heinrich, and H. Stober, assignors, by mesne assignments, to Böhme Fettchemie-Gesellschaft mit beschrankter Haftung, Chemnitz, Germany. Wetting and dispersing agents and making the same. 2,104,728; Jan. 11.

Bessemtin, Marshall O., Medford, Oreg. Hamburger patty forming apparatus. 2,105,211; Jan. 11.

Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,104,723; Jan. 11.

Best, Wilson F., and W. Kremer, assignors to Grand Rapids Sample Case Company, Grand Rapids, Mich. Box or receptacle. 2,105,179; Jan. 11.

Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Automatic centralized lubricating installation. 2,104,729; Jan. 11.

Bjerkman, Carl G., Chicago, Ill. Process and apparatus for making gut string. 2,104,730; Jan. 11.

Blackley, James L. (See Dean, E. W., and Blackley.)

Blecken, Siegfried E., Summit, assignor to The National Lock Washer Company, Newark, N. J. Car window structure. 2,105,180; Jan. 11.

Blettner, George H., assignor to Benette Company, Chicago, Ill. Internal combustion engine construction. 2,104,896; Jan. 11.

Blettner, George H., assignor to Benette Company, Chicago, Ill. Piston. 2,104,898; Jan. 11.

Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Brake slack adjuster. 2,104,787; Jan. 11.

Bloom, Joseph, New York, N. Y. Glove and making same from strip material. 2,104,724; Jan. 11.

Boeing Aircraft Company. (See Sanders, John C., assignor.)

Boese, Albert B. (See Major, R. T., and Boese.)

Böhme Fettchemie-Gesellschaft mit beschrankter Haftung. (See Bertsch, H., and Stober, assignors.)

Booth, George W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Printing apparatus. 2,105,399; Jan. 11.

Booth, George W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Printing apparatus. 2,105,400; Jan. 11.

Boothroyd, Hubert. (See Woodcock, R. B., and Boothroyd.)

Borg-Warner Corporation. (See Anderson, Arthur W., assignor.)

Borla, Pauline, Chicago, Ill. Breast support. 2,104,725; Jan. 11.

Bower, Jerome G., New York, N. Y., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Locomotive pilot coupler. 2,104,846; Jan. 11.

Bowers, Frederick M., Chester, Pa. Filter glass holder. 2,105,071; Jan. 11.

Bowes, David P., Montreal, Quebec, Canada. Powder dispenser. 2,105,281; Jan. 11.

Box Blank Corporation. (See Scheffey, George B., assignor.)

Boyer, Earl W., Pottsville, Pa. Nut lock. 2,105,401; Jan. 11.

Boyle, A. S., Company, The. (See Esselen, Gustavus J., assignor.)

Brace, Kemper P., and R. B. P. Crawford, Washington, D. C. Jet refrigerating system with osmotic pump. 2,104,847; Jan. 11.

Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Automatic fidelity control circuit. 2,104,769; Jan. 11.

Bradford, Clyde, and O. T. Scollon, Saint Benedict, assignors to E. Peale, Clearfield, Pa., W. S. Davies, New York, N. Y., and W. B. Oakes, Rutherford, N. J., as trustees. Mechanism for separating intermixed divided materials. 2,104,922; Jan. 11.

Bragg, Caleb S., Palm Beach, Fla., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch controlling mechanism. 2,104,731; Jan. 11.

Bragg-Kliesrath Corporation. (See Bragg, Caleb S., assignor.)

Brem, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding pile. 2,105,448; Jan. 11.

Brem, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding pile. 2,105,449; Jan. 11.

Brennan, Joseph B., Fort Wayne, Ind. Electrolyte. 2,104,732; Jan. 11.

Brennan, Joseph B., and M. L. Marsh, Fort Wayne, Ind.; said Marsh assignor to said Brennan. Electrolyte and making same. 2,104,733; Jan. 11.

Brickner, Robert N., New York, N. Y. Momentum actuated sled brake. 2,104,908; Jan. 11.

Bridgman, Charles T., Des Moines, and H. Giese, assignors to Iowa State College Alumni Association, Incorporated, Ames, Iowa. Precast reinforced tile beam and span tile floor structure. 2,105,106; Jan. 11.

Briggs Manufacturing Company. (See Tjaarda, John, assignor.)

Briggs, Southwick W., Glenmont, Md. Oil clarifier and filter. 2,105,136; Jan. 11.

Briggs, Stephen F., Detroit, Mich., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Butterfly valve. 2,105,343; Jan. 11.

Briggs & Stratton Corporation. (See Briggs, Stephen F., assignor.)

Briggs & Stratton Corporation. (See Fitz Gerald, John W., assignor.)

Brinkman, Albin J. (See Cohn, L. I., and Brinkman.)

Brinkworth, Clarence J. (See Lauenstein, C. F., and Brinkworth.)

Brinnon, Richard B., Wichita, Kans. Shoe box. 2,104,828; Jan. 11.

Brophy, Oscar, Philadelphia, Pa. Electric control device for block printing machines. 2,104,894; Jan. 11.

Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom. 2,105,050; Jan. 11.

Brown & Root, Inc. (See Dunham, Robert M., assignor.)

Brown & Sharpe Manufacturing Company. (See Meglott, George F., assignor.)

Brownlee, Robert L., assignor to Dreis & Krump Mfg. Company, Chicago, Ill. Hydraulic hold-down for squaring shears. 2,105,402; Jan. 11.

Bruce, Albert W., Ottumwa, Iowa. Apparatus for treating poultry. 2,105,107; Jan. 11.

Bruner, Donald L., Coral Gables, Fla. Retractable landing light. 2,105,137; Jan. 11.

Brush Development Company, The. (See Sawyer, Charles B., assignor.)

Brush Development Company, The. (See Williams, Alfred L. W., assignor.)

Buckeye Steel Castings Company, The. (See Bower, Jerome G., assignor.)

Buckeye Steel Castings Company. (See Einwaechter, Frederick H., Jr., assignor.)

Buckeye Steel Castings Company, The. (See Johnson, G. T., and Wolfe, assignors.)

Buckle, Francis W., Glanford Township, Ontario, Canada. Poultry feeder and waterer. 2,105,403; Jan. 11.

Buescher, Andrew E., assignor, by mesne assignments, to Consolidated Carton, Inc., Chicago, Ill. Egg carton. 2,105,161; Jan. 11.

Bullock, Giles E., Rochester, N. Y. Pressure tank. 2,105,451; Jan. 11.

Bundy Tubing Company. (See Quarnstrom, Bert L., assignor.)

Burger, Martin, Morris, assignor to Self-Locking Carton Co., Chicago, Ill. Carton. 2,104,969; Jan. 11.

Buses, Harry F., and J. N. Huser, Indianapolis, Ind. Enunciator. 2,104,895; Jan. 11.

Busk, Anthony S., assignor to New Era Manufacturing Company, Paterson, N. J. Plate clamp. 2,105,452; Jan. 11.

Byron Jackson Co. (See Gray, Herbert E., assignor.)

Byron-Jackson C. (See Hertel, Richard K., assignor.)

Campbell, Donald A., assignor to G. W. McKee, Rockford, Ill. Gaseous fuel burner. 2,105,244; Jan. 11.

Candee, Allan H. (See Wildhaber, E., and Candee.)

Cannon, James A. (See Sanders, C. E., Cannon, and Howell.)

Capstan Glass Company. (See McNamara, William L., assignor.)

Carborundum Company, The. (See Whitacre, M. L., and de Leeuw, assignors.)

Card, Charles W., Aurora, Ill. Clamp. 2,105,345; Jan. 11.

Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing and trimming machine. 2,105,346; Jan. 11.

Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Trimming mechanism. 2,105,347; Jan. 11.

Carleton, Hugh E., Carteret, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Furnace. 2,105,369; Jan. 11.

Carmody, William H., Pittsburgh, Pa. Tinted resins. 2,104,629; Jan. 11.

Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Haloges substituted butadienes and preparing them. 2,104,760; Jan. 11.

Carpenter, Arley D., Los Angeles, Calif., assignor to Comet Trailer Corporation. Trailer. 2,104,734; Jan. 11.

Carpenter, Frank W., Minneapolis, assignor of one-half to M. H. Graham, St. Louis Park, Minn. Automatic temperature controller for electric flatirons, etc. 2,104,970; Jan. 11.

Carpenter, Oliver L., and B. F. Mees, assignors to The General Electric Company Limited, Coventry, England. Telephone system. 2,104,971; Jan. 11.

Carroll, Eugene G., and C. H. Taylor, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,104,735; Jan. 11.

Carton, Paul O., Cleveland Heights, Ohio, assignor to General Electric Company. Incandescent lamp and similar device. 2,105,404; Jan. 11.

Casto, Lloyd V., Detroit, Mich. System of deriving decorative emblems on articles of manufacture. 2,104,790; Jan. 11.

Celanese Corporation of America. (See O'Dowd, Leslie J., assignor.)

Celanese Corporation of America. (See Tayler, Harry and W., assignors.)

Chase Bag Company, The. (See Scott, Douglas E., assignor.)

Chase Companies, The. (See Gasay, William J., assignor.)

Chase Companies, The. (See Shoemaker, Richard W., assignor.)

Chase, Frederic L., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Soldered joint. 2,105,405; Jan. 11.

Chase-Shawmut Company, The. (See Condit, Sears B., assignor.)

Cherkasoff, Nicholas. (See Heddon, C. L., and Cherkasoff.)

Chesler, Isidor, New York, N. Y., assignor to Eagle Pencil Company, Application. 2,105,210; Jan. 11.

Chesnut, Guy E., Jr., St. Joseph, Mo. Rapid focusing binocular. 2,105,349; Jan. 11.

Church, Lewis H., Westfield, assignor to The Thomas & Betts Co., Elizabeth, N. J. Wire connector. 2,105,152; Jan. 11.

Clark, Frank G., Minneapolis, assignor to Crane Co., of Minnesota, St. Paul, Minn. Cleats. 2,105,212; Jan. 11.

Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Liquid insulating composition. 2,105,406; Jan. 11.

Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Liquid insulating composition. 2,105,407; Jan. 11.

Clark, Gordon H., Pottstown, Pa., assignor to Hoffman Gas & Electric Heater Company, Louisville, Ky. Electric switch. 2,104,848; Jan. 11.

Clark, Mabel V., Los Angeles, Calif. Slide fastener. 2,105,213; Jan. 11.

Classon, Jan C., assignor to Aktiebolaget Asmoga Agenturer, Stockholm, Sweden. Speed indicator for watercraft. 2,105,311; Jan. 11.

Clemens, Frederick R., Indianapolis, Ind. Independent wheel suspension. 2,104,736; Jan. 11.

Clever, Alexander, assignor of fifty-one one-hundredths to MacDonald Engineering Company, Chicago, Ill. Bin bottom for concrete structures. 2,104,896; Jan. 11.

Cochrane-Bly Company. (See Welch, William H., assignor.)

Cohn, Louis I., and A. J. Brinkman, assignors to Spiers Bedding Corporation, Philadelphia, Pa. Convertible article of furniture. 2,105,408; Jan. 11.

Cohn, Sidney, assignor to Sigmund Cohn, New York, N. Y. Palladium nickel ruthenium alloy. 2,105,212; Jan. 11.

Cohn, Sigmund. (See Cohn, Sidney, assignor.)

Collard, Baby G., Coon Rapids, Iowa. Obstetrical chair. 2,104,930; Jan. 11.

Colt's Patent Fire Arms Manufacturing Co. (See Webb, George, assignor.)

Comet Trailer Corporation. (See Carpenter, Arley D., assignor.)

Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz. (See Batchelder, Rene, assignor.)

Conaway, Rollin P., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose process. 2,104,849; Jan. 11.

Condenser Corporation of America. (See Di Giacomo, Adolfo, assignor.)

Condit, Sears B., Boston, assignor to The Chase-Shawmut Company, Newburyport, Mass. Glass top plug fuse. 2,104,950; Jan. 11.

Condra, Elmo L., Long Beach, Calif. Pressure bailer. 2,104,942; Jan. 11.

Conner, Kirke W., Detroit, Mich., assignor to Micromatic Hone Corporation. Honing tool and arm. 2,105,024; Jan. 11.

Consolidated Carton, Inc. (See Buescher, Andrew E., assignor.)

Continental-Diamond Fibre Company, The. (See Ritter, Ellwood, assignor.)

Cover, Harvey E., South Bend, Ind. Valve. 2,105,163; Jan. 11.

Cox, James L., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Gaseous electric discharge lamp. 2,105,138; Jan. 11.

Craig, Wallace A., assignor to Vapor Treating Processes, Inc., Los Angeles, Calif. Treating hydrocarbon oils. 2,104,701; Jan. 11.

Cramerton Mills. (See Hinson, O. C., and Dawson, assignors.)

Crane Co., of Minnesota. (See Clark, Frank G., assignor.)

Crawford, Robert B. P. (See Brace, K. P., and Crawford.)

Crawford, Robert B. P., New York, N. Y., assignor to Frick Company, Waynesboro, Pa. Air conditioning system. 2,104,851; Jan. 11.

Crawford, Wilbur F., Waco, Tex. Awning. 2,105,409; Jan. 11.

Crewdson, Sarah M., assignor of one-third to R. H. Goodhart, Chicago, Ill. Attachment for sewing machines. 2,105,184; Jan. 11.

Crombie, John B., and R. H. Manning, said Crombie assignor to Mildred Crombie, Chicago, Ill. Liquid flow control device for combustion engines. 2,104,862; Jan. 11.

Crombie, Mildred. (See Crombie, J. B., assignor, and Manning.)

Crosley, Powel, Jr., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Device for conditioning and cooling air. 2,105,108; Jan. 11.

Crosley Radio Corporation, The. (See Crosley, Powel, Jr., assignor.)

Crowley, Alfred, and H. E. Mcinerney, assignors to Johnson Laboratories, Inc., Chicago, Ill. High-frequency resonant system. 2,104,792; Jan. 11.

Crown Cork & Seal Company. (See Booth, George W., assignor.)

Crown Cork & Seal Company. (See Eskur, E. M., and Greenholtz, assignors.)

Crown Cork & Seal Company. (See Randall, William S., assignor.)

Culwell, Don. (See Wiese, G. E., and Culwell.)

Cunningham, Lewis L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor control system. 2,104,973; Jan. 11.

Cunningham, Marion M., assignor to Bendix Products Corporation, South Bend, Ind. Container. 2,105,313; Jan. 11.

Curtis, Jesse R., Cleveland, Ohio. Box and box blank. 2,105,025; Jan. 11.

Csernia, Wolfgang. (See Hüttmann, E., and Csernia.)

D'Achesa, Simoces, assignor to La Société à Responsabilité limité dite "Irmesse", Paris, France. Bathing suit. 2,104,943; Jan. 11.

Dake, Charles W., Grand Haven, Mich. Brake drum. 2,104,928; Jan. 11.

Dillenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieenen Apparaten Fabrieken "Mea", Urecht, Netherlands. Electron tube. 2,105,026; Jan. 11.

Daniels, Virgil L., assignor to Webster Electric Company, Racine, Wis. Overload indicator. 2,105,410; Jan. 11.

Dassler, Adolf, Hagen, Germany. Galvanic battery. 2,104,978; Jan. 11.

Daubenmeyer, Homer, assignor of one-half to H. A. Miller, Detroit, Mich. Homogenizing nozzle device. 2,104,858; Jan. 11.

Danskardt, Martin, Cleveland, Ohio. Shelf bracket. 2,104,831; Jan. 11.

Davies, Arnold. (See Dewsbury, W. G., and Davies.)

Davies, W. Sanders, trustee, et al. (See Bradford, C., and Scollon, assignors.)

Davis, George C., Chicago, Ill. Cover for tops of cans and the like. 2,105,027; Jan. 11.

Dawes, Bailey P., Detroit, Mich. Fuel heater for internal combustion engines. 2,104,974; Jan. 11.

Dawson, Council G. (See Hinson, O. C., and Dawson.)

Dawson, Vernon B., Wilmington, Del. Battery carrier. 2,105,349; Jan. 11.

Dean, Edmund W., assignor to Duplex Printing Press Company, Battle Creek, Mich. Newspaper printing press. 2,104,737; Jan. 11.

Dean, Edmund W., and J. L. Blackley, assignors to Duplex Printing Press Company, Battle Creek, Mich. Plate clamp operating device for printing presses. 2,104,854; Jan. 11.

De Baufre, William L., Lincoln, Nebr. Method and apparatus for cooling and rectifying gaseous mixtures. 2,105,214; Jan. 11.

Decker, George, Cincinnati, assignor to The Philad Company, Cleveland, Ohio. Waving hair. 2,104,897; Jan. 11.

Degea Aktiengesellschaft (Auergesellschaft). (See Geldschie, W., and Guertler, assignors.)

De Giers, Clarence A., Forest Hills, N. Y. Electrically controlled liquid level indicator. 2,104,898; Jan. 11.

De Giuli, Clementine. (See Wagner, William, assignor.)

Degnan, James, Corona, assignor to Speedry Gravure Corporation, New York, N. Y. Web registering mechanism. 2,105,185; Jan. 11.

De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,104,793; Jan. 11.

De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,104,794; Jan. 11.

De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,104,795; Jan. 11.

De la Barre de Nanteuil, Christian, Versailles, France. Variable speed power-transmitting device. 2,105,186; Jan. 11.

De Leeuw, Peter. (See Whitmere, M. L., and de Leeuw.)

Dellea, Gayton, Detroit, Mich. Shoe heel. 2,104,924; Jan. 11.

Dembecki, Leo, and J. Kay, assignors to The Ohio Nut & Bolt Company, Berea, Ohio. Welding nut. 2,105,139; Jan. 11.

Denault, Clinton L. (See Strom, A. P., Denault, and McCulloch.)

Dernen, Heinrich, assignor to Maschinenfabrik Carl Zangs A.-G. (Herm. Schroers Nachf.) Crefeld, Germany. Cross winding machine. 2,105,140; Jan. 11.

Detroit Lubricator Company. (See Eggleston, Lewis W., assignor.)

Deutsche Celluloid-Fabrik. (See Thinius, Kurt, assignor.)

De Walt, Kenneth C., Schenectady, N. Y., assignor to General Electric Company. Spark plug. 2,105,411; Jan. 11.

Dewsbury, Wilfred G., and A. Davies, London, England. Treatment of improved materials containing collagen. 2,105,413; Jan. 11.

Dickhoff, Robert, New York, N. Y. Safety headgear. 2,105,028; Jan. 11.

Dieterle, Walter, Dessau-Ziebigk in Anhalt, and K. Horst, Hoechst/Taunus, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Polymethine dyes. 2,104,866; Jan. 11.

Dietrich, Melvin A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricating oil and improving same. 2,104,796; Jan. 11.

Di Ghezzo, Aniello, New York, N. Y., assignor to Condenser Corporation of America, Jersey City, N. J. Electrical condenser and spacing strip therefor. 2,104,797; Jan. 11.

Dinel, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Rubber shear. 2,105,216; Jan. 11.

Dion, Isaie, Fall River, Mass. Expansion joint for rails. 2,104,856; Jan. 11.

Ditto, Incorporated. (See Marchev, A., and Leach, assignors.)

Dixie-Vortex Company. (See Krein, Frederick T., assignor.)

Dixon, Reginald G., Eltham Park, London, assignor to Siemens Brothers & Company Limited, London, England. Telephone system. 2,104,975; Jan. 11.

Doane, Harry C. (See Grandy, L. R., and Doane.)

Dodenhoff, William D., Greenville, S. C. Picker for looms. 2,104,832; Jan. 11.

Dolby, Charles M., Lawrenceville, Ill. Valve. 2,105,282; Jan. 11.

Dolley, Paul T., Bartlett, assignor to Pacific Alkali Company, Los Angeles, Calif. Production of borax. 2,105,109; Jan. 11.

Doran Brothers. (See Schultze, Paul, assignor.)

Doran, John C. (See Schultze, Paul, assignor.)

Doty, Myrle M., Sycamore, Ill. Bib. 2,105,029; Jan. 11.

Dow-Weld Company. (See Johnson, Louis B., assignor.)

Draper Corporation. (See Brown, Carl D., assignor.)

Dreis & Krump Mfg. Company. (See Brownlee, Robert L., assignor.)

Dresden-Leipziger Schnellpressen-Fabrik A. G. (See Lang, Karl T., assignor.)

Dreyfus, Camille, New York, N. Y. Spun yarn from artificial staple fibers and making same. 2,104,798; Jan. 11.

Driscoll, John H. (See Driscoll, Richard J. and J. H.)

Driscoll, Richard J., White Plains, N. Y., and J. H. Driscoll, Edgewater, N. J. Ring buoy and making the same. 2,105,110; Jan. 11.

Dubsky, Arthur, Vienna, Austria. Pyrophoric igniter. 2,105,072; Jan. 11.

Duncan, James F., and E. H. Barlow, Waterbury, Conn. Ballcock. 2,105,314; Jan. 11.

Dunham, Robert M., assignor to Brown & Root, Inc., Houston, Tex. Saw. 2,105,030; Jan. 11.

Duplex Printing Press Company. (See Dean, Edmund W., assignor.)

Duplex Printing Press Company. (See Dean, E. W., and Blackley, assignors.)

Du Pont, E. I., de Nemours & Company. (See Carothers, Wallace H., assignor.)

Du Pont, E. I., de Nemours & Company. (See Conaway, Rollin F., assignor.)

Du Pont, E. I., de Nemours & Company. (See Dietrich, Melvin A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Benner, assignors.)

Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Parmelee, assignors.)

Du Pont, E. I., de Nemours & Company. (See Wernts, James H., assignor.)

Eagle Pencil Company. (See Chesler, Isidor, assignor.)

Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)

Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Signal system for elevators. 2,105,073; Jan. 11.

Earle, Ralph H., Wauwatosa, assignor to Line Material Company, South Milwaukee, Wis. Fuse link construction. 2,104,899; Jan. 11.

Eastman, Harold B., Philadelphia, Pa. Safety cover for match books. 2,105,141; Jan. 11.

Eastman Kodak Company. (See Lyman, D. F., and Stolber, assignors.)

Eastman Kodak Company. (See Malm, Carl J., assignor.)

Eastman Kodak Company. (See Martin, Lawrence R., assignor.)

Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)

Eastman Kodak Company. (See Mihalyi, J., and Green, assignors.)

Eastman Kodak Company. (See Riddell, William A., assignor.)

Eastman Kodak Company. (See Wittel, Otto, assignor.)

Edwards, William F. M., assignor to Filter Tips Limited, London, England. Manufacture of cigarettes. 2,105,412; Jan. 11.

Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Valve for heating apparatus. 2,105,453; Jan. 11.

Einwaechter, Frederick H., Jr., West Halethorpe, Md., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Pilot and coupler structure. 2,104,887; Jan. 11.

Electric Arc Cutting & Welding Company. (See Holslag, Claude J., assignor.)

Electric & Musical Industries Limited. (See White, Eric L. C., assignor.)

Electroline Company. (See Berndt, Arthur A., assignor.)

Electronic Television Company. (See Henroteau, François C. P., assignor.)

Eliel, Leon T., Pasadena, Calif. Apparatus for aerial photography. 2,104,976; Jan. 11.

Emerson Electric Mfg. Co., The. (See Finch, Herbert L., assignor.)

Engels, William H., Rahway, and G. A. Stein, Elisabeth, assignors to Merck & Co. Inc., Rahway, N. J. Bismuth allantoinate and making it. 2,104,738; Jan. 11.

Enkur, Edward M., and B. H. Greenholts, assignors to Crown, Cork & Seal Company, Inc., Baltimore, Md. Container closure. 2,105,031; Jan. 11.

Eppens, Ernest G., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Fluid actuated hammer. 2,106,074; Jan. 11.

Eppler, Andrew, deceased, by E. P. Eppler, executrix, Lynn, and J. P. Frederickson, Wollaston, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for pressing the bottoms of shoes. 2,104,729; Jan. 11.

Eppler, Ella P., executrix. (See Eppler, A., and Frederickson.)

Equitable Paper Bag Co. Inc. (See Poppe, George W., assignor.)

Esselen, Gustavus J., Swampscott, Mass., assignor to The A. S. Boyle Company, Cincinnati, Ohio. Nonshrinking woodlike plastic composition. 2,105,111; Jan. 11.

Evans Case Company. (See Reilly, Alfred F., assignor.)

Evans, Clifford F., assignor to Gordon Novelty Company, Los Angeles, Calif. Game apparatus. 2,104,740; Jan. 11.

Evans, Edwin J., Venice, Calif., assignor to E. B. McCabe, Salt Lake City, Utah. Can opener and cover. 2,104,978; Jan. 11.

Evans, John, Collingswood, N. J., assignor to Radio Corporation of America. Constant radio frequency generator. 2,104,916; Jan. 11.

Evans, Seth, Houston, Tex. Packing for pipe joints. 2,104,790; Jan. 11.

Evulich, Anton, San Francisco, Calif. Door stop. 2,105,216; Jan. 11.

Excelsior Accordion Manufacturing Co. Inc. (See Pancotti, Roberto, assignor.)

Exline, Katharine H. (See Exline, Marcus P. and K. H.)

Exline, Marcus P. and K. H., Dallas, Tex. Cravat or necktie. 2,104,977; Jan. 11.

Falk, Bernard S., Leominster, assignor to Independent Lock Company, Fitchburg, Mass. Lock. 2,104,961; Jan. 11.

Farnsworth Television Incorporated. (See Gardner, Bernard C., assignor.)

Fell, Morris, New York, N. Y. Trimming attachment for sewing machines. 2,105,032; Jan. 11.

Ferguson, Robert B., Plainfield, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of sulphuric acid. 2,104,858; Jan. 11.

Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Pump or motor. 2,105,464; Jan. 11.

Filter Tips Limited. (See Edwards, William F. M., assignor.)

Finch, Herbert L., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Circulating fan. 2,105,315; Jan. 11.

Fink, Colin G., New York, N. Y. Halogenation of materials. 2,104,741; Jan. 11.

Finkl, A., & Sons Company. (See Finkl, William F., assignor.)

Finkl, William F., assignor to A. Finkl & Sons Company, Chicago, Ill. Die block. 2,104,979; Jan. 11.

Finkl, William F., assignor to A. Finkl & Sons Company, Chicago, Ill. Steel alloy. 2,104,980; Jan. 11.

Fitchett, Thomas S., assignor to F. X. Hooper Company, Inc., Glen Arm, Md. Blotter head. 2,105,033; Jan. 11.

Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Device for preventing unintentional locking of automobile doors. 2,105,350; Jan. 11.

Flagler, Harold G., Chicago, Ill. Method of and machine for bending sheet metal. 2,105,240; Jan. 11.

Flatto, George, assignor to The Ribbon Mills Corporation, New York, N. Y. Bow. 2,105,436; Jan. 11.

Fleischer, Curt H., Wethersfield, Conn. Toy. 2,104,742; Jan. 11.

Fleming, Herbert J., assignor to Bendix Products Corporation, South Bend, Ind. Tire cutting machine. 2,105,316; Jan. 11.

Flower, Archibald T., Jenkintown, Pa. Insulator bracket. 2,105,112; Jan. 11.

Flynn, Benjamin H., Alexandria, La. Level indicating device. 2,105,034; Jan. 11.

Forester, Arthur E., Cincinnati, Ohio. Seat structure. 2,104,982; Jan. 11.

Forstner Chain Corporation. (See Forstner, Walter, assignor.)

Forstner, Walter, Irvington, N. J., assignor to Forstner Chain Corporation. Belt ornament and connection. 2,104,833; Jan. 11.

Forsythe, John W., Wilkinsburg, Pa. Conveyer. 2,105,142; Jan. 11.

Foedick Machine Tool Company, The. (See Linden, C. E., and McClellan, assignors.)

Foster, James W. (See Baynton, H. H., and Foster.)

Foster Wheeler Corporation. (See Carleton, Hugh H., assignor.)

Fox Film Corporation. (See Laube, G., Stevens, and Miller.)

Fox Film Corporation. (See Stevens, Robert C., assignor.)

Francescon, Ello V., Boston, Mass. Antirattler device for windows and the like. 2,105,414; Jan. 11.

Frank, Frederick C., assignor to Bendix Products Corporation, South Bend, Ind. Wheel. 2,105,317; Jan. 11.

Fredericksen, James P. (See Eppler, A., and Fredericksen.)

Freudenberg, Carl, G. m. b. H. (See Freudenberg, R., and Lange, assignors.)

Freudenberg, Carl, G. m. b. H. (See Freudenberg, Richard and H., Runkel, and Lange, assignors.)

Freudenberg, Hans. (See Freudenberg, Richard and H., Runkel, and Lange.)

Freudenberg, Richard, H. Freudenberg, R. Runkel, and G. Lange, Weinheim, assignors to the firm Carl Freudenberg G. m. b. H., Weinheim, (Bedenstr), Germany. Manufacture of spun goods, fabrics and the like. 2,105,035; Jan. 11.

Freudenberg, Richard, and G. Lange, assignors to firm Carl Freudenberg G. m. b. H. Weinheim, Germany. Manufacture of spun goods, fabrics, and other textiles. 2,105,036; Jan. 11.

Frick Company. (See Crawford, Robert B. P., assignor.)

Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Machine for making bolts. 2,104,944; Jan. 11.

Fritsch, Rudolph E., assignor to Tube-Turns, Incorporated, Louisville, Ky. Method and apparatus for making pipe bends. 2,105,075; Jan. 11.

Frolander, Frank C., Elizabeth, N. J., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,104,859; Jan. 11.

Frye, Robert, Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Ammonolysis of halogeno-aromatic compounds to produce amines. 2,104,983; Jan. 11.

Fuchsman, Jacob, Brooklyn, N. Y. Sash construction. 2,104,860; Jan. 11.

Galson, Henry L. (See Steinfeld, H. K., Galson, and Locke.)

Gannett, Danforth K., Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company. Vacuum tube circuits. 2,104,861; Jan. 11.

Gardner, Bernard C., Philadelphia, Pa., assignor to Farnsworth Television Incorporated. Cathode ray oscillator. 2,104,834; Jan. 11.

Garrett, Joseph E. (See Richter, E. F., and Garrett.)

Gaugler, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,105,460; Jan. 11.

Gasey, William J., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Header and making the same. 2,105,241; Jan. 11.

General Aniline Works, Inc. (See Zerweck, W., and Kunze, assignors.)

General Chemical Company. (See Ferguson, Robert B., assignor.)

General Electric Company. (See Bakke, Hans A., assignor.)

General Electric Company. (See Cartun, Paul O., assignor.)

General Electric Company. (See Clark, Frank M., assignor.)

General Electric Company. (See De Walt, Kenneth C., assignor.)

General Electric Company. (See Honing, Wilhelm, assignor.)

General Electric Company. (See Metcalf, Herbert E., assignor.)

General Electric Company. (See Mohler, F., and Umansky, assignor.)

General Electric Company. (See Nowak, Paul, assignor.)

General Electric Company. (See Nowak, P., and Hofmeier, assignors.)

General Electric Company. (See Whiting, Max A., assignor.)

General Electric Company Limited, The. (See Carpenter, O. I., and Moss, assignors.)

General Motors Corporation. (See Blomberg, Martin P., assignor.)

General Motors Corporation. (See Chase, Frederick L., assignor.)

General Motors Corporation. (See Gaugler, Richard S., assignor.)

General Motors Corporation. (See Grandy, L. R., and Doane, assignors.)

General Motors Corporation. (See Midgley, T., Henne, and McNary, assignors.)

General Motors Corporation. (See Pearce, George C., assignor.)

General Motors Corporation. (See Phillips, William M., assignor.)

General Motors Corporation. (See Schjolin, Eric O., assignor.)

George, Ruth M. (See Masino, R., and Koep, assignors.)

Gibson, Florian G., Palo Alto, assignor of one-third to R. Matheny, Oakland, Calif. Electric alarm switch. 2,105,113; Jan. 11.

Giese, Henry. (See Bridgman, C. T., and Giese.)

Giger, Walter, Wauwatosa, and C. Peter, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Switching device. 2,105,455; Jan. 11.

Gilkey, George L., Merrill, Wis. Veneered door. 2,105,187; Jan. 11.

Gill, James P., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Alloy steel tool. 2,105,114; Jan. 11.

Gillis, Randall. (See Kaul, W. W., and Gillis.)

Gleason, William W., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Upholstery spring assembly. 2,105,115; Jan. 11.

Gleason Works. (See Wildhaber, E., and Candee, assignors.)

Glover, John L. R., et al. (See Sinitsin-White, Nicholas, assignor.)

Gödecke, Willi, Witten-Ruhr, and W. Guertler, Berlin-Dahlem, assignors to Degea Aktiengesellschaft (Auergesellschaft), Berlin, Germany. Heat resistant alloys. 2,105,283; Jan. 11.

Goldsmith, Alfred N., New York, N. Y. Synthetic reverberation system. 2,105,318; Jan. 11.

Goodhart, Robert H. (See Crewdson, Sarah M., assignor.)

Goodrich, B. F., Company, The. (See Smiley, Pearl Y., assignor.)

Gordon, Hiram, and A. C. Rogge, Columbus, Ohio, assignors to Lock-On Heel Company, Chicago, Ill. Apparatus for securing metallic heel fasteners to shoes. 2,105,119; Jan. 11.

Gordon Novelty Company. (See Evans, Clifford F., assignor.)

Goetz, Emil, et al. (See Jacobs, George, assignor.)

Goodman, Russell A., Cleveland, Ohio. Buffing wheel and making same. 2,104,925; Jan. 11.

Graham, Maurice H. (See Carpenter, Frank W., assignor.)

Graham, William S., Canton, Ill., assignor to International Harvester Company. Implement attachment for tractors. 2,105,117; Jan. 11.

Grand Rapids Sample Case Company. (See Best, W. F., and Kremer, assignors.)

Grandy, Levi R., and H. C. Doane, Flint, assignors to General Motors Corporation, Detroit, Mich. Radio static eliminator. 2,104,809; Jan. 11.

Grant, Joseph, et al. (See Jacobs, George, assignor.)

Gran, Herbert E., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Balance stop for door type elevators. 2,105,076; Jan. 11.

Gray, Bertram P., Birmingham, England. Pad for use with horseshoes. 2,105,242; Jan. 11.

Green, Newton B. (See Mihalyi, J., and Green.)

Greenberg, Charles B., New York, N. Y. Fastener for wrist watch straps. 2,105,143; Jan. 11.

Greenholts, Ralph E. (See Enkur, E. M., and Greenholts.)

Greenstein, George, Long Island, N. Y. Safety razor. 2,105,351; Jan. 11.

Grinham, Edward C., assignor of one-half to The Standard Motor Company Limited, Coventry, England. Chassis-frame for motor-vehicles. 2,105,144; Jan. 11.

Groll, Herbert P. A., and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Stabilization of unsaturated carbonylic compounds. 2,105,284; Jan. 11.

Grondahl, Alfred G., Chicago, Ill. Vertical drop water power. 2,104,984; Jan. 11.

Grossman, Max, et al. (See Le Fevre, Ralph A., assignor.)

Gruber, Clarence E. and W. F., French Lick, Ind. Box. 2,105,243; Jan. 11.

Gruber, William F. (See Gruber, Clarence E. and W. F.)
Guedon, Emile C. (See Sinnett, C. M., and Guedon.)
Guertler, William. (See Gödecke, W., and Guertler.)
Guett, Monroe, and R. H. Bentley, assignors to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric switch construction. 2,105,415; Jan. 11.
Guinn, James G., Vivian, La. Electric plug lock. 2,104,945; Jan. 11.
Gurney, William W., Winona, Minn., assignor to Madison Silo Company, Madison, Wis. Silo chute. 2,105,145; Jan. 11.
Gurwick, Irving, assignor to Shellmar Products Company, Mount Vernon, Ohio. Intaglio printing device. 2,104,945; Jan. 11.
Guy and Murton, Incorporated. (See Guy, Frederick M., assignor.)
Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Clutch. 2,105,188; Jan. 11.
H & H Machine & Motor Parts Co. (See Holbut, Michael, assignor.)
Haagenson, Helmer M., Excelsior, Minn. Water softener and softening water. 2,104,956; Jan. 11.
Haalck, Hans, Potsdam, Germany, assignor to Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. Gravitation measuring instrument. 2,104,149; Jan. 11.
Hagbo, Lars E., Bremerton, Wash. Wrench. 2,105,244; Jan. 11.
Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. Fountain pen. 2,105,189; Jan. 11.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency control. 2,104,931; Jan. 11.
Hansen, Aage C. C., Lindenau, N. J., assignor to Mack Manufacturing Corporation. Bevel pinion mounting for transmissions. 2,105,437; Jan. 11.
Hansen, Elmar H., Chicago, Ill. Pneumatic differential piston for internal combustion engines. 2,104,802; Jan. 11.
Hansen, Jack A., Matanuska, Alaska. Ice scraper for track motor cars. 2,105,416; Jan. 11.
Hansen-Van Winkle-Munning Company. (See Berger, Clarence E., assignor.)
Harding, Simon J., West Baldwin, Maine. Platform bracket for ladders. 2,104,887; Jan. 11.
Hardwicke-Etter Company. (See Streun, John A., assignor.)
Harris, Henry H., Boston, Mass. Metal surface. 2,105,253; Jan. 11.
Harrison, Charles F. B., Selley Oak, Birmingham, and A. B. Wallis, Clydach, England, assignors to The International Nickel Company Inc., New York, N. Y. Manufacture of nickel carbonyl. 2,105,037; Jan. 11.
Hartman, Hermanns, Roermond, assignor to Naamloose Vennootschap Industrielle Maatschappij Voorheen Noury & Van Der Lande, Deventer, Netherlands. Process and apparatus for producing percompounds. 2,105,438; Jan. 11.
Hat Corporation of America. (See Smith, John C., assignor.)
Haultain, Herbert E. T., Toronto, Ontario, Canada. Classifier. 2,104,926; Jan. 11.
Hearne, George. (See Grgll, H. P. A., and Hearne.)
Heddon, Charles L., Newark, N. J., and N. Cherkasoff, New York, N. Y. Bag. 2,105,319; Jan. 11.
Heidbrink, Jay A., Minneapolis, Minn. Anesthetizing machine. 2,104,988; Jan. 11.
Heil Co., The. (See Heil, Julius P., assignor.)
Heil Co., The. (See Thwaits, Frederick G., assignor.)
Heil, Julius P., assignor to The Heil Co., Milwaukee, Wis. Scraper. 2,105,320; Jan. 11.
Helwig, Walter O., Milwaukee, Wis. Brush for dynamo-electric machines. 2,105,038; Jan. 11.
Henderson, Douglas, Toronto, Ontario, Canada. Closure for tubes or containers. 2,105,118; Jan. 11.
Henke, Clyde O., Wilmington, Del., and H. M. Parmelee, Salem, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Separating higher aliphatic alcohols from aqueous emulsions. 2,104,803; Jan. 11.
Henke, Clyde O., Wilmington, Del., and R. G. Benner, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of alpha-nitronaphthalene. 2,105,321; Jan. 11.
Henkel & Cie. Gesellschaft mit beschränkter Haftung. (See Pape, L. F. W., and Umbach, assignors.)
Henne, Albert L. (See Midgley, T., Jr., Henne, and McNary.)
Henroteau, François C. P., assignor to Electronic Television Company, Limited, Ottawa, Ontario, Canada. Television method and apparatus. 2,104,862; Jan. 11.
Heraeus-Vacuumschmelze Aktiengesellschaft. (See Hessenbruch, Werner, assignor.)
Heraeus-Vacuumschmelze Aktiengesellschaft. (See Rohn, Wilhelm, assignor.)
Hercules Powder Company. (See Moore, Malcolm C., assignor.)
Herrick, Henry N. (See Lynton, E. D., and Herrick.)
Herrick, Henry N., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Correlating subsurface strata. 2,104,743; Jan. 11.
Herrle, Henry, New Orleans, La. Waistband fastener for undergarments. 2,105,417; Jan. 11.
Hertel, Richard K., Vernon, assignor to Byron-Jackson Co., Los Angeles, Calif. Elevator latch. 2,105,077; Jan. 11.
Hessenbruch, Werner, assignor to firm Heraeus-Vacuumschmelze Aktiengesellschaft, Hanau-on-the-Main, Germany. Heat-resisting implement. 2,104,835; Jan. 11.
Hessenbruch, Werner, assignor to firm Heraeus-Vacuumschmelze Aktiengesellschaft, Hanau-on-the-Main, Germany. Heat-resisting implement. 2,104,836; Jan. 11.
Hethcote, Edward, Holyoke, Colo. Adjustable rope halter. 2,105,285; Jan. 11.
Hicks, Earl M., Lebanon, Ind. Box body. 2,104,989; Jan. 11.
Hill Brothers Chemical Co. (See Hill, Charles B., assignor.)
Hill, Charles B., El Monte, assignor to Hill Brothers Chemical Co., Inc., Los Angeles, Calif. Proportioning device. 2,104,976; Jan. 11.
Hill, Frank M., Walpole, Mass. Heat conserver and humidifier. 2,104,804; Jan. 11.
Hinds, Howard W., assignor to The Washburn Company, Worcester, Mass. Ferrule for handles and attaching same. 2,105,119; Jan. 11.
Hinson, Odee C., and C. C. Dawson, assignors to Cramerton Mills, Cramerton, N. C. Pattern testing attachment for cobby looms. 2,104,946; Jan. 11.
Hirschhorn, Leo. (See Barrett, A., and Hirschhorn.)
Hoefer, Dudley D., San Leandro, Calif. Dispenser. 2,104,980; Jan. 11.
Hoerle, William F., assignor to Union Hardware Company, Torrington, Conn. Ball bearing skate wheel. 2,105,354; Jan. 11.
Hoest, Werner. (See Stern, G., and Hoest.)
Hoffman Gas & Electric Heater Company. (See Clark, Gordon H., assignor.)
Hoffstetter, Carl H. and R. F., Erie Pa. Broiler drawer for gas ranges and the like. 2,105,418; Jan. 11.
Hoffstetter, Robert F. (See Hoffstetter, Carl H. and R. F.)
Hofmeier, Hermann. (See Nowak, P., and Hofmeier.)
Hohl, Russell L., Shaker Heights, Ohio. Sheathing. 2,105,245; Jan. 11.
Holbut, Michael, Jennings, assignor to H & H Machine & Motor Parts Co., St. Louis, Mo. Carbon removing tool. 2,104,900; Jan. 11.
Höllerer, Hanns, assignor to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie G. m. b. H., Munich, Bavaria, Germany. Apparatus for cleaning and degreasing articles. 2,104,901; Jan. 11.
Höllerer, Hanns, assignor to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie, G. m. b. H., Munich, Bavaria, Germany. Machine for cleaning and degreasing articles. 2,104,902; Jan. 11.
Holmes, Henry S. (See Boehner, J. D., and Holmes.)
Holmes, Minot K. (See Zimmerman, W. F., and Holmes.)
Helsing, Claude J., South Orange, assignor to Electric Arc Cutting & Welding Company, Newark, N. J. Arc welding system. 2,105,079; Jan. 11.
Holub, Charles J., Columbus, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Apparatus for forming sheet metal elbows. 2,104,903; Jan. 11.
Honing, Wilhelm, Eindhoven, Netherlands, assignor to General Electric Company. Vehicle headlamp. 2,105,419; Jan. 11.
Hooper, F. X., Company. (See Fitchett, Thomas S., assignor.)
Horstead, George, assignor to Warrum Trailer Parts Manufacturing Company, Inc., Warren, Pa. Trailer. 2,105,204; Jan. 11.
Horst, Karl. (See Dieterle, W., and Horst.)
Hort, Florence F., New York, N. Y. Apron. 2,105,322; Jan. 11.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Pouring spout container. 2,104,744; Jan. 11.
Howell, Harry H. (See Sanders, C. E., Cannon, and Howell.)
Howell, Harry H., R. B. Rutledge, and C. E. Sanders, Kansas City, Mo., assignors to C. Leavenwood, trustee, Kansas City, Kans. Rocking hospital bed. 2,104,745; Jan. 11.
Hoyt, Herbert L. (See Wilcox, R. L., and Hoyt.)
Hubler, William G., and F. R. Archibald, Duparquet, Quebec, assignors to Ventures Limited, Toronto, Ontario, Canada. Treating lateritic ores. 2,105,456; Jan. 11.
Hueber, Carl J., Cleveland Heights, assignor by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Device for anchoring inking ribbons to spools. 2,104,746; Jan. 11.
Hueber, Carl J., Cleveland Heights, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Listing mechanism for addressing machines. 2,104,747; Jan. 11.
Hueber, Carl J., Cleveland Heights, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Platen mechanism for printing machines. 2,104,863; Jan. 11.
Huey, Harold L., Sayleeville, and W. W. Russell, East Providence, assignors to Sayles Finishing Plants, Inc., Sayleeville, R. I. Crisp sheer fabrics and making same. 2,104,748; Jan. 11.

Hughes, Frederick E., Port Loring, Ontario, Canada. Stove. 2,104,904; Jan. 11.
Hughes Tool Company. (See Neuhaus, R., Smith, and Payne, assignors.)
Hughes Tool Company. (See Schlumpf, R. W., and Sherman, assignors.)
Hughes Tool Company. (See Scott, Floyd L., assignor.)
Hughes Tool Company. (See Sherman, Ralph P., assignor.)
Hulme, Richard E., assignor to Kendall Refining Company Bradford, Pa. Method and apparatus for dispensing steam, air and the like, and use therefor. 2,105,039; Jan. 11.
Hunkeler, Walter F., Kansas City, Mo. Lens mounting. 2,105,420; Jan. 11.
Hunt, George H., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,105,223; Jan. 11.
Hunt, Joseph A., Shelby, N. C. Rifle attachment. 2,104,837; Jan. 11.
Hurst, Albert L., Winston-Salem, N. C. Hospital or invalid bed. 2,105,040; Jan. 11.
Hurst, Joseph N. (See Hurst, W. F., and Hurst.)
Hussmann, Harry L., Los Angeles, Calif. Brazier. 2,104,837; Jan. 11.
Hutchesson, William J., Russell, Ontario, assignor of one-half to H. J. Macpherson, Ottawa, Ontario, Canada. Combined peg-lock and guard for musical instruments. 2,104,906; Jan. 11.
Hüttenhain, Erik, Berlin-Wilmersdorf, and W. Czerny, Berlin-Friedenau, Germany, assignors to F. C. Anderson, Forest Hills Boro, Pa. Producing lightweight design. 2,105,324; Jan. 11.
Hydraulic Brake Company. (See McCallum, Andrew O., assignor.)
Hydraulic Press Corporation, The. (See MacMillin, Howard F., assignor.)
Hydraulic Press Corporation, The. (See Patrick, Isaac, assignor.)
Hygrade Sylvania Corporation. (See Cox, James L., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Stern, G., and Hoest, assignors.)
Ichter, John H., Ashley, Pa., assignor, by mesne assignments to The Standard Stoker Company, Inc., New York, N. Y. Fuel distributing mechanism. 2,105,457; Jan. 11.
Imperial Chemical Industries Limited. (See Renfrew, Archibald, assignor.)
Imperial Chemical Industries Limited. (See Thomson, T. P., Anderson, and Thornley, assignors.)
Independent Lock Company. (See Falk, Bernard S., assignor.)
Ingersoll Milling Machine Company, The. (See Overbeke, Alexander, assignor.)
Ingersoll-Rand Company. (See Rygaard, Ernest G., assignor.)
Inglis, Henry B., Flint, Mich. Bomb sight and pilot director. 2,105,147; Jan. 11.
Inglis, Henry B., Fenton, Mich. Pilot director. 2,105,148; Jan. 11.
International Harvester Company. (See Graham, William S., assignor.)
International Harvester Company. (See Johnson, Arnold E. W., assignor.)
International Nickel Company Inc., The. (See Harrison, C. F. B., and Wallis, assignors.)
International Patents Development Company. (See Kelling, Alfred H., assignor.)
International Patents Development Company. (See McCoy, Bush O., assignor.)
Interstate Metal Products Co. (See Shobel, Louis W., assignor.)
Iowa State College Alumni Association, Incorporated. (See Bridgman, C. T., and Gross, assignors.)
Irish, Charles F. Bratenahl, Ohio. Tree loading and unloading mechanism. 2,105,253; Jan. 11.
Isberg, Johan E., Uttran, Sweden. Support for books and the like. 2,104,964; Jan. 11.
Ives, Charles Q., Reading, assignor to Sherman Paper Products Corporation, Newton, Mass. Manufacture of corrugated paper. 2,104,908; Jan. 11.
Jackson, Howard B., assignor to Nadder Mills, Inc., Kings Mountain, N. C. Woven fabric. 2,105,190; Jan. 11.
Jackson, John G., and R. H. Kingdon, assignors to Square D Company, Detroit, Mich. Mounting means for enclosed electric devices. 2,105,421; Jan. 11.
Jacobs Bros. Co. Inc., The. (See Kircher, Paul J., assignor.)
Jacobs, George, assignor of one-third to E. Goetz and one-third to J. Grant, Detroit, Mich. Excavating machine. 2,104,929; Jan. 11.
Jagschitz, Konrad, Mainz, Germany. Erecting collapsible gasholders. 2,105,040; Jan. 11.
Jakosky, John J., Los Angeles, Calif. Method and apparatus for electrical exploration of the subsurface. 2,105,247; Jan. 11.
Janiszewski, Stephen. (See Zenner, W. J., and Janiszewski.)
Jebeles, G. J. (See Sutherlin, Walter F., assignor.)
Jennings, Burton F., Belleville, Ontario, Canada. Circuit breaker. 2,105,286; Jan. 11.
Jobst, Gunther, and E. Kloth, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifying tube and circuit. 2,105,061; Jan. 11.
Johnson, Arnold E. W., Chicago, Ill., assignor to International Harvester Company. Furrow opener for grain drills. 2,105,120; Jan. 11.
Johnson, Endre O., assignor of one-third to H. T. Quanbeck, McVille, N. Dak. Attachment for elevating graders. 2,105,422; Jan. 11.
Johnson, George F., and H. H. Wolfe, assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Pilot and pilot coupler. 2,104,965; Jan. 11.
Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Chamber construction for washing machines. 2,105,249; Jan. 11.
Johnson, Joseph H., Easton, Mass. Venetian blind. 2,105,062; Jan. 11.
Johnson Laboratories, Inc. (See Crossley, A., and Johnson, assignors.)
Johnson, Le Baron B., Pennsville, N. Y., assignor to Delkin Products Inc. Apparatus for cleaning containers. 2,105,458; Jan. 11.
Johnson, Louis B., Baltimore, Md., assignor to Dow-Wahl Company, Inc. Load transfer device for roadways. 2,104,846; Jan. 11.
Jones, James L., Washington, D. C. Welding apparatus. 2,104,748; Jan. 11.
Jones, James L., Washington, D. C. Welding apparatus. 2,104,750; Jan. 11.
Jongsma, Leo B., Grand Rapids, Mich. Sanitary device. 2,104,947; Jan. 11.
Junghans, Helmut, Schramberg-Sulgen, Germany, Detonator. 2,105,423; Jan. 11.
Kaasa, Orin G. (See Kimball, T. B., and Kaasa.)
Kafka, Melvin T., New York, N. Y. Book cover. 2,105,041; Jan. 11.
Kagi, Walter W., La Grange, and R. Gillis, Hinsdale, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Temperature control means for extrusion apparatus. 2,105,063; Jan. 11.
Kahn, David, Inc. (See Kahn, David, assignor.)
Kahn, David, Woodcliff, assignor to David Kahn, Inc., North Bergen, N. J. Pencil-mail container. 2,105,424; Jan. 11.
Kaplan, Julius, et al. (See Saffian, Samuel, assignor.)
Kaplan, Selig, et al. (See Saffian, Samuel, assignor.)
Karlbo, Edmond C. (See Pearce, R. S., and Karlbo.)
Karmazin, John, Huntington, Ind., assignor to Karmazin Engineering Company. Refrigerating apparatus. 2,105,121; Jan. 11.
Karmazin Engineering Company. (See Karmazin, John, assignor.)
Kay, John. (See Dembouki, L., and Kay.)
Keep, Oliver H. (See Masino, R., and Keep.)
Kegresse, Adolphe, Paris, France. Motor vehicle with variable propulsion. 2,105,042; Jan. 11.
Kelling, Alfred H., Oak Park, Ill., assignor to International Patents Development Company, Wilmington, Del. Manufacture of starch. 2,105,217; Jan. 11.
Kelsey-Hayes Wheel Company. (See Ash, Charles S., assignor.)
Kemp, Vivian F., London, England. Bust support. 2,104,857; Jan. 11.
Kendall Refining Company. (See Hulme, Richard E., assignor.)
Kendall, William J., Lansing, Ontario, Canada. Shaving device. 2,104,929; Jan. 11.
Kenney, Thomas, Robinson, assignor of one-fourth to S. S. Lee, Kenilworth, and L. J. Wilson, Winnetka, Ill. Cracking petroleum, etc. 2,105,791; Jan. 11.
Kent, James W., Brooklyn, and E. P. Peters, Richmond Hill, N. Y., assignors to Kent Machine Works, Inc. Roller mill. 2,105,192; Jan. 11.
Kent Machine Works, Inc. (See Kent, J. W., and Peters, assignors.)
Kessler, Paul P., Chicago, Ill. Sewing machine frame structure. 2,105,355; Jan. 11.
Kessler, Paul P., Chicago, Ill. Sewing machine. 2,105,356; Jan. 11.
Kessler, Paul P., Chicago, Ill. Sewing machine. 2,105,357; Jan. 11.
Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Company, Hoboken, N. J. Measuring tape. 2,105,149; Jan. 11.
Keuffel & Esser Company. (See Keuffel, Adolf W., assignor.)
Kilborn, Francis O. (See Root, L. P., and Kilborn.)
Kimball, Thomas B., Hammond, and O. G. Kaasa, Munster, Ind., assignors to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 2,105,122; Jan. 11.
Kingdon, Ralph H. (See Jackson, J. G., and Kingdon.)
Kinsie, Charles J., and E. Walner, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Hydrated titanium-iron arsenates and making same. 2,105,459; Jan. 11.
Kirby, James B., West Richfield, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio, as trustee. Laundry machine. 2,105,218; Jan. 11.
Kircher, Paul J., assignor to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Scale. 2,105,219; Jan. 11.

Kirchner, Albert H. (See Barr, C. G., and Kirchner.)
Kitchen, John G. A., Bowness-on-Windermere, Westmoreland, England. Reciprocating engine. 2,105,043; Jan. 11.
Kivley, Ray C., Oak Park, and G. Stuhlfauth, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,105,064; Jan. 11.
Klotz, Ernst. (See Jobst, G., and Klotz.)
Kocour, Emil J., assignor to Sloan Valve Company, Chicago, Ill. Vacuum breaking device for preventing back siphonage in water systems. 2,105,044; Jan. 11.
Korbuly, Károly, Csepel, Hungary, assignor to the firm Tube Industrial Participation Limited, Bregamona-Lugano. Tube push bench. 2,105,150; Jan. 11.
Kornblatt, Max, assignor of one-half to P. Kornblatt, Bronx, N. Y. Smoke baffling device. 2,105,151; Jan. 11.
Kornblatt, Philip. (See Kornblatt, Max, assignor.)
Kraft, Karl, Chicago, Ill. Bowling pin. 2,105,045; Jan. 11.
Krasnov, Samuel, Philadelphia, Pa. Making slip covers and the like. 2,105,123; Jan. 11.
Kraus, Clarence W., Buffalo, N. Y. Shingle staining machine. 2,104,868; Jan. 11.
Krein, Frederick T., Park Ridge, assignor to Dixie-Vortex Company, Chicago, Ill. Sundae package. 2,104,805; Jan. 11.
Kremer, William. (See Best, W. F., and Kremer.)
Kudrna, Benedikt. (See Lill, F., and Kudrna.)
Kunze, Wilhelm. (See Zerweck, W., and Kunze.)
Kyser, Walter A., Cadillac, Mich. Engine cooling and heating means for motor vehicles. 2,105,193; Jan. 11.
Laberda, Richard, Brooklyn, N. Y. Vehicle. 2,105,065; Jan. 11.
La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,105,046; Jan. 11.
Lafamme, Herbert J. (See Hutcheson, William F., assignor.)
Lahr, Robert H., Takoma Park, Md. Stretcher for uniform cap covers. 2,105,047; Jan. 11.
Lang, Karl T., Coswig-Dresden, assignor to Dresden-Leipziger Schnellpressen-Fabrik-A. G., Coswig, Germany. Copper plate printing machine. 2,105,240; Jan. 11.
Lang, Walter S. (See Scully, E. T., and Lang.)
Lange, Gustav. (See Freudenberg, R., and Lange.)
Lange, Gustav. (See Freudenberg, Richard and H., Runbal, and Lange.)
Larsson-Latsén, Einar W., Malmo, Sweden. Card playing apparatus. 2,105,258; Jan. 11.
La Société à Responsabilité limitée dite "Irmone". (See d'Achon, Simone, assignor.)
Lattorf, Richard, Hanover, Germany, assignor to The United Limmer and Vorwohle Rock Asphalte Company Limited, London, England. Artificial slab. 2,105,152; Jan. 11.
Lauke, Grover, Los Angeles, R. C. Stevens, Beverly Hills, and C. M. Miller, assignors to Fox Film Corporation, Los Angeles, Calif. Motion picture camera. 2,104,948; Jan. 11.
Lauenstein, Carl F., and C. J. Brinkworth, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill. Composite article. 2,105,048; Jan. 11.
Lauenstein, Carl F., and C. J. Brinkworth, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill. Ferrous metal. 2,105,220; Jan. 11.
Lava Crucible Company of Pittsburgh. (See White, Harold E., assignor.)
Lawrence, Anna A., San Francisco, Calif. Nurse's cap. 2,104,997; Jan. 11.
Lawson, William L. (See Balsam, M. M., and Lawson.)
Leach, Verlin M. (See Marchev, A., and Leach.)
Leavengood, Clyde, Trustee. (See Howell, H. H., Rutledge, and Sanders, assignors.)
Leavengood, Clyde, Trustee. (See Sanders, C. E., Cannon, and Howell, assignors.)
Ledwinka, Hans, Koprivnice, Czechoslovakia. Motor vehicle chassis. 2,105,153; Jan. 11.
Lee, Gerhard M., Aurora, Ill. Match book case. 2,105,425; Jan. 11.
Lee, Sylvia S., et al. (See Kenney, Thomas, assignor.)
Le Fevre, Ralph A., Rochester, N. Y., assignor of one-fourth to P. E. Treat, one-fourth to M. Grassman, and one-fourth to C. D. Rouch. Puttee. 2,104,751; Jan. 11.
Leonard, Albert J., La Canada, Calif. Automobile door lock. 2,104,838; Jan. 11.
Levy, Austin T., Harrisville, R. I. Prefabricated building. 2,104,869; Jan. 11.
Levy, Austin T., Harrisville, R. I. Building. 2,104,870; Jan. 11.
Levy, Austin T., Harrisville, R. I. Building. 2,104,871; Jan. 11.
Levy, Austin T., Harrisville, R. I. Building. 2,104,872; Jan. 11.
Levy, Austin T., Harrisville, R. I. Building. 2,104,873; Jan. 11.
Levy, Austin T., Harrisville, R. I. Building. 2,104,874; Jan. 11.
Levy, Austin T., Harrisville, R. I. Prefabricated building. 2,104,875; Jan. 11.
Levy, Austin T., Harrisville, R. I. Prefabricated building. 2,104,877; Jan. 11.
Levy, Austin T. (See Magnuson, John H., assignor.)
Levy, Austin T. (See Wetherbee, John A., assignor.)
Lewis, Charles H. (See Urbain, Oliver M., assignor.)
Lewy, Hermann, Berlin-Charlottenburg, Germany. Collar stud to be sewn. 2,105,287; Jan. 11.
Liberty Can and Sign Company. (See Raeger, Herman W., assignor.)
Lill, Friedrich, and B. Kudrna, Vienna, Austria, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Impulse sender. 2,104,998; Jan. 11.
Linden, Carl E., Norwood, and R. H. McClellan, Hamilton, assignors to The Foedick Machine Tool Company, Cincinnati, Ohio. Spindle driving transmission. 2,105,288; Jan. 11.
Linderman Devices, Incorporated. (See Shaw, William C., assignor.)
Lindsey, Guy, Hawthorne, Fla. Refrigerating device. 2,104,879; Jan. 11.
Line Material Company. (See Earle, Ralph H., assignor.)
Line Material Company. (See Schultz, W. O., and Steinmayer, assignors.)
Link-Belt Company. (See Lauenstein, C. F., and Brinkworth, assignors.)
Lintner, Edwin J., Pittsburgh, Pa. Safetypin. 2,104,880; Jan. 11.
Liskin, Joseph, Brooklyn, and S. Stimmel, New York, assignors to Standard Corrugated Case Corporation, Long Island City, N. Y. Shipping case. 2,105,066; Jan. 11.
Little, Howard J., Fort Thomas, Ky., assignor, by mesne assignments, to The Andrews Steel Company. Protected tubing. 2,105,124; Jan. 11.
Lobdell, Edward J., Jr., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich. Press. 2,105,289; Jan. 11.
Lobdell-Emery Manufacturing Company, The. (See Lobdell, Edward J., Jr., assignor.)
Locke, Albert R., Oak Park, Ill. System for transmitting electrical energy. 2,105,194; Jan. 11.
Locke, Arthur S. (See Steinfeld, H. K., Galeen, and Locke.)
Lock-On Heel Company. (See Gordon, H., and Rogge, assignors.)
Lorig, Clarence H., assignor to The Battelle Memorial Institute, Columbus, Ohio. Cleaning the surface of solid metals. 2,105,439; Jan. 11.
Lummus Cotton Gin Co. (See McLemore, Robert E., assignor.)
Lungren, Arthur N., Evanston, assignor to The Wahl Company, Chicago, Ill. Pen. 2,105,049; Jan. 11.
Luts, Raymond P., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Condenser potting composition. 2,105,067; Jan. 11.
Lydon, Patrick J. (See Lydon, Timothy and P. J.)
Lydon, Timothy, Tenafly, and P. J. Lydon, Jersey City, N. J. Apparatus for humidifying textile yarns. 2,105,082; Jan. 11.
Lyman, Donald F., and J. Stolber, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Warning signal for dissolving shutters. 2,105,250; Jan. 11.
Lynton, Edward D., Glendale, and H. N. Herrick, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Determining magnetic polarity. 2,104,752; Jan. 11.
MacDonald Engineering Company. (See Clever, Alexander, assignor.)
MacDonald, Clifford K., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and apparatus for operating on shoes. 2,105,427; Jan. 11.
Mack Manufacturing Corporation. (See Hansen, Aage C. C., assignor.)
MacKay, Charles W., Tulsa, Okla. Well drilling rig. 2,105,091; Jan. 11.
Mackintosh, Charles, deceased, by E. Mackintosh, executrix, Ukiah, assignor of one-half to F. A. McDonald, San Francisco, Calif. Plant dusting machine. 2,104,930; Jan. 11.
Mackintosh, Effie, executrix. (See Mackintosh, Charles.)
MacMillan, Howard F., Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Hydromechanical motor. 2,105,251; Jan. 11.
Madison Silo Company. (See Gurney, William W., assignor.)
Maglott, George F., Cranston, R. I., assignor to Brown & Sharpe Manufacturing Company. Gear pump seal. 2,105,428; Jan. 11.
Magnesium Development Corporation. (See Beck, Adolf, assignor.)
Magnuson, John H., assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,104,878; Jan. 11.
Maher, Maxine, Los Angeles, Calif. Breastplate cover pad. 2,105,290; Jan. 11.
Major, Randolph T. (See Addinall, C. R., and Major.)
Major, Randolph T., Plainfield, N. J., and A. B. Boese, Pittsburgh, Pa., assignors to Merck & Co., Inc., Rahway, N. J. Local anesthetic. 2,104,753; Jan. 11.
Malm, Carl J., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Hydrolysis of cellulose esters. 2,105,252; Jan. 11.

Malott, Clifton S., Jr., assignor to The American Laundry Machinery Company, Norwood, Ohio. Fluid control for fluid-operated presses. 2,105,253; Jan. 11.
Mandell, Irving F., North Quincy, Mass., assignor to Reinforced Paper Bottle Corporation, New York, N. Y. Cap form feeding attachment for paper bottle capping machines. 2,104,931; Jan. 11.
Manning, Bruce H. (See Crombie, J. B., and Manning.)
Marchant, Guy O., et al. (See Walker, Jay P., assignor.)
Marchev, Alfred, La Grange, Ill., and V. M. Leach, Bushville, Ind., assignors to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus. 2,105,195; Jan. 11.
Marden, Oscar W., Drexel Hill, Pa. Stocking. 2,104,901; Jan. 11.
Markowitz, Oscar, New York, N. Y. Inspection wrapper for necktie nets. 2,104,999; Jan. 11.
Marks, Alvin M., Whitestone, N. Y. Crystalline formation. 2,104,949; Jan. 11.
Markush, Eugene A., Jersey City, and J. Miller, Newark, N. J., assignors to Pharma Chemical Corporation, New York, N. Y. Dye solution. 2,105,326; Jan. 11.
Marsh, Benjamin H. (See Marsh, Daniel W. and B. H.)
Marsh, Daniel W. and B. H., Oakland, Calif. Manufacture of complex metallic salt. 2,104,784; Jan. 11.
Marsh, Emma L. (See Brennan, J. B., and Marsh.)
Marshall, James K. (See Soref, H. E., and Marshall.)
Martin, Charles H., et al. (See Meinholt, Charles L., assignor.)
Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Mechanical synchronizing device. 2,105,095; Jan. 11.
Martin, Fred P., et al. (See Meinholt, Charles L., assignor.)
Martin, Lawrence R., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Film guide for film magazines. 2,105,254; Jan. 11.
Maschinenfabrik Carl Zange A.-G. (Herm Schroers Nachf.). (See Derner, Heinrich, assignor.)
Masino, Ruth, and O. H. Kemp, deceased, by R. Masino, executrix, Memphis, Tenn., assignors to R. M. George, Vicksburg, Miss. Combination cotton tie buckle and identification tag. 2,104,765; Jan. 11.
Master Lock Company. (See Soref, H. E., and Marshall, assignors.)
Master Safe Co., The. (See Murtaugh, John J., Jr., assignor.)
Matheny, Roy. (See Gibson, Florian G., assignor.)
Mathieson Alkali Works, Inc., The. (See Petroe, Gregory A., assignor.)
Maul, Michael, Berlin-Biesdorf, Germany. Record card controlled machine. 2,105,201; Jan. 11.
Maxon, Norman G., Ladysmith, Wis. Spray nozzle. 2,105,154; Jan. 11.
Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Clutch operating means on motor vehicles. 2,105,429; Jan. 11.
Maybach-Motorenbau G. m. b. H. (See Maybach, Karl, assignor.)
McBrady, John A., Valley City, N. Dak. Grain scouring machine. 2,105,325; Jan. 11.
McCabe, E. B. (See Evans, Edwin J., assignor.)
McCann, Paul S., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel. 2,105,060; Jan. 11.
McCauley, Ernest G., Pittsburgh, Pa. Brake operating mechanism. 2,105,196; Jan. 11.
McClellan, Raymond H. (See Linden, C. E., and McClellan.)
McCollum, Andrew O., assignor to Hydraulic Brake Company, Detroit, Mich. Ironing machine. 2,104,950; Jan. 11.
McCoy, Rush O., Berwyn, Ill., assignor to International Patents Development Company, Wilmington, Del. Starch conversion. 2,105,221; Jan. 11.
McCrea, Adelia, assignee to Parke, Davis & Company, Detroit, Mich. Medicament. 2,105,197; Jan. 11.
McCulloch, Leon. (See Strom, A. P., Dennalt, and McCulloch.)
McDonald, Frank A. (See Mackintosh, Charles, assignor.)
McKee, Garnet W. (See Campbell, Donald A., assignor.)
McLemore, Robert E., assignor to Lummus Cotton Gin Co., Columbus, Ga. Vacuum wheel. 2,104,881; Jan. 11.
McManus, Charles B., Spring Lake, N. J. Processing metal. 2,105,426; Jan. 11.
McNamara, Denis, New York, N. Y. Wall and ceiling partition tie. 2,105,327; Jan. 11.
McNamara, William L., assignor to Capstan Glass Company, Connellsville, Pa. Heat control mechanism. 2,105,198; Jan. 11.
McNary, Robert R. (See Midgley, T., Henne, and McNary.)
McNeil, James W., Tampa, Fla. Adjustable double closure for containers. 2,104,806; Jan. 11.
Mead Johnson & Company. (See Winkler, Joseph C., assignor.)
Meinema, Herbert E. (See Crossley, A., and Meinema.)
Meinholdt, Charles L., assignor of one-fourth to F. P. Martin and one-fourth to C. H. Martin, Topeka, Kans. Mower. 2,105,125; Jan. 11.
Merck & Co. (See Addinall, C. R., and Major, assignors.)
Merck & Co. (See Major, R. T., and Boese, assignors.)
Mergenthaler Linotype Company. (See Frolander, Frank C., assignor.)
Metcalf, Herbert E., Oakland, Calif., assignor, by mesne assignments, to General Electric Company, Cleveland, Ohio. Electric lamp. 2,105,430; Jan. 11.
Metropolitan Engineering Company. (See Soehner, J. D., and Holmes, assignors.)
Meyer, Adolph F., Minneapolis, Minn. Manometer. 2,105,000; Jan. 11.
Meyer, Wilfried. (See Wiegand, E., Meyer, and Pulfrich.)
Merck & Co. Inc. (See Engels, W. H., and Stein, assignors.)
Michaelis, Walter, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk Siemensstadt near Berlin, Germany. Telephone system. 2,105,001; Jan. 11.
Micromatic Hone Corporation. (See Connor, Kirke W., assignor.)
Micro-Westco, Inc. (See Petskeyes, Charles H., assignor.)
Midgley, Thomas, Jr., Worthington, A. L. Henne, Columbus, and R. R. McNary, assignors to General Motors Corporation, Dayton, Ohio. Heat transfer and refrigeration. 2,104,882; Jan. 11.
Midland Steel Products Company, The. (See Almdale, Einar, assignor.)
Mihalyi, Joseph, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Camera. 2,105,256; Jan. 11.
Mihalyi, Joseph, and N. B. Green, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Exposure meter. 2,105,255; Jan. 11.
Miller, Bert C., Inc. (See Miller, Bert C., assignor.)
Miller, Bert C., Montclair, N. J., assignor to Bert C. Miller, Inc., New York, N. Y. Manufacture of metal coated paper. 2,105,440; Jan. 11.
Miller, Charles A., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Timelock. 2,105,441; Jan. 11.
Miller, Charles M. (See Laube, G., Stevens, and Miller.)
Miller, Howard A. (See Dahlenmeyer, Homer, assignor.)
Miller, Julius. (See Markush, E. A., and Miller.)
Miller, Marguerite, Great Neck, N. Y. Hat. 2,105,002; Jan. 11.
Minneapolis-Honeywell Regulator Company. (See Cunningham, Lewis L., assignor.)
Mladinich, Thomas C., New York, N. Y. Sewing machine for fur and the like. 2,104,807; Jan. 11.
Mohler, Francis, and L. A. Umansky, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,105,431; Jan. 11.
Molitor, Frederick R., New York, N. Y. Reciprocating bed motion for flat bed presses. 2,105,328; Jan. 11.
Môme, Marcel, Paris, France. Electrical clock device. 2,105,050; Jan. 11.
Monsanto Chemical Company. (See Udy, Marvin J., assignor.)
Monsanto Chemical Company. (See Wilson, John A., assignor.)
Moore Fabric Company. (See Moore, John V., assignor.)
Moore, John V., assignor to Moore Fabric Company, Pawtucket, R. I. Stiffening rib for supporting garments. 2,105,257; Jan. 11.
Moore, Malcolm C., Newark, assignor to Hercules Powder Company, Wilmington, Del. Nitrocellulose emulsions. 2,105,159; Jan. 11.
Morch, Jacob J., Toronto, Ontario, Canada. Ore crushing machine. 2,105,003; Jan. 11.
Moreau, Celestin. (See Saelens, E., and Moreau.)
Morgan Construction Company. (See O'Malley, Joseph M., assignor.)
Morgan, John S., near Wingate, England. Apparatus for heating coal. 2,105,156; Jan. 11.
Morrison, Simon, New York, N. Y. Lipstick holder or the like. 2,104,902; Jan. 11.
Morrow, John C., assignor to Morrow Lubricator Company, Chicago, Ill. Lubricator valve construction. 2,104,903; Jan. 11.
Morrow, John C., assignor to Morrow Lubricator Company, Chicago, Ill. Tip. 2,104,904; Jan. 11.
Morrow, John C., assignor to Morrow Lubricator Company, Chicago, Ill. Lubricator construction. 2,104,905; Jan. 11.
Morrow Lubricator Company. (See Morrow, John C., assignor.)
Mortenson, John, Canton, Ohio. Furnace. 2,105,004; Jan. 11.
Morton, Harold S., St. Paul, Minn. Method and apparatus for controlling fuel beds. 2,104,883; Jan. 11.
Moss, Benjamin F. (See Carpenter, O. L., and Moss.)
Moss, Thomas E., Dyersburg, Tenn. Ashtray and coaster. 2,105,157; Jan. 11.
Motor City Tool Co. (See Amico, Joseph, assignor.)
Mueller, Henry, and H. E. Walters, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Means for casting rolls. 2,104,906; Jan. 11.
Murray, John, Mimbridge, Chobham, England. Bookbinding. 2,105,222; Jan. 11.
Murtaugh, John J., Jr., Floral Park, N. Y., assignor to The Mosler Safe Co., Hamilton, Ohio. Cash receiver. 2,105,442; Jan. 11.
Myers, George W., Bushnell, Fla. Dispensing attachment for beverage containers. 2,105,051; Jan. 11.
N. V. Machinerieen-en Apparaten Fabrieken "Mea". (See Dillenbach, Walter, assignor.)

Naamloose Vennootschap Industrielle Maatschappij Voorheen Noury & Van Der Lande. (See Hartman, Hermanus, assignor.)

Nachman Spring-Filled Corporation. (See Gleason, William W., assignor.)

Nachman Spring-Filled Corporation. (See Zimmerman, Fred R., assignor.)

Nash-Kelvinator Corporation. (See Weymouth, Lawrence R., assignor.)

National Blank Book Company. (See Schade, Frank S., assignor.)

National Blank Book Company. (See Schade, John, assignor.)

National Lock Washer Company, The. (See Blessin, Siegfried E., assignor.)

National Machinery Company, The. (See Friedman, John H., assignor.)

National Traffic Signal Company. (See Olafson, Alvin O., assignor.)

Neely, Frank R., assignor to A. H. Balllet Corporation, Allentown, Pa. Composite box and manufacture thereof. 2,105,359; Jan. 11.

Neighbors, Charles C., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Magnetic material. 2,105,092; Jan. 11.

Neisler Mills, Inc. (See Jackson, Howard B., assignor.)

Neuhaus, Ralph, and F. S. Smith, Jr., Houston, and L. L. Payne, Midland, assignors to Hughes Tool Company, Houston, Tex. Flow head. 2,104,808; Jan. 11.

Neumann, David, Chicago, Ill. Venetian blind. 2,104,907; Jan. 11.

New Era Manufacturing Company. (See Busk, Anthony S., assignor.)

New Jersey Zinc Company, The. (See Pellett, Jackson S., assignor.)

Newman, Albert H., Chicago, Ill. Display container. 2,105,199; Jan. 11.

Nicholides, Emmanuel C. (See Pearson, H. A., and Nicholides.)

Nicholl, Inc. (See Nicholl, Lyle C., assignor.)

Nicholl, Lyle C., assignor to Nicholl, Inc., Los Angeles, Calif. Hair clipper. 2,105,223; Jan. 11.

Nier, Bruno, Beierfeld, Germany. Hurricane lantern. 2,105,292; Jan. 11.

Nier, Bruno, Beierfeld, Germany. Storm lantern. 2,105,432; Jan. 11.

Noble, Percy W., Unadilla, N. Y. Device for conditioning the intake air to carburetors. 2,105,433; Jan. 11.

Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping device. 2,105,093; Jan. 11.

Nodland, Henry, Starbuck, Minn. Ice pushmobile. 2,105,360; Jan. 11.

North American Holding Corporation et al. (See Avery, Alfred H., assignor.)

Nowak, Paul, Berlin-Charlottenburg, Germany, assignor to General Electric Company, Schenectady, N. Y. Compounds of polymerized acrylic acid or its esters with sulphur or selenium and making the same. 2,105,361; Jan. 11.

Nowak, Paul, and H. Hofmeier, Berlin-Charlottenburg, Germany, assignors to General Electric Company, Schenectady, N. Y. Insulated electrical conductor. 2,105,362; Jan. 11.

Nowak, Paul, and H. Hofmeier, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Synthetic compound and its production. 2,105,363; Jan. 11.

Nowak, Paul, Charlottenburg, Germany, assignor to General Electric Company. Resinous thermoplastic materials. 2,105,364; Jan. 11.

Oakes, William R., trustee, et al. (See Bradford, C., and Scollon, assignors.)

Oakite Products, Inc. (See Johnson, Le Baron B., assignor.)

Oberhoffken, Alexander, assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Metal removing machine. 2,104,756; Jan. 11.

O'Dowd, Leslie J., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Device for twisting yarn. 2,104,809; Jan. 11.

O'Dowd, Leslie J., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Twisting yarn. 2,104,810; Jan. 11.

Ohio Nut & Bolt Company, The. (See Dembecki, L., and Kay, assignors.)

Oilgear Company, The. (See Ferris, Walter, assignor.)

O'Kase, Walter C., Durham, N. H. Insecticide spray. 2,104,787; Jan. 11.

Olafson, Alvin O., assignor to National Traffic Signal Company, St. Paul, Minn. Signal. 2,104,932; Jan. 11.

Olsen, Gilbert, assignor to Sanitary Mattress Company, Minneapolis, Minn. Mattress and making. 2,105,224; Jan. 11.

Oltmans, Johan, Groningen, Netherlands. Manufacturing paper. 2,105,082; Jan. 11.

O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Method of and apparatus for rolling rounds. 2,105,258; Jan. 11.

Orlowsky, Wassyl, New York, N. Y. Mechanical loader and unloader. 2,105,329; Jan. 11.

Oshel, Charles H., Detroit, Mich. Accessory air pump for motor vehicles. 2,105,269; Jan. 11.

Owens-Illinois Glass Company. (See Zimmerman, W. P., and Holmes, assignors.)

Pacific Alkali Company. (See Dolley, Paul T., assignor.)

Packard Motor Car Company. (See Best, Frank C., assignor.)

Packard Motor Car Company. (See Paten, Clyde R., assignor.)

Pagenkopf, Walter H., La Grange, assignor to Teletype Corporation, Chicago, Ill. Tool holder. 2,105,230; Jan. 11.

Panaretti, Roberto, Nutley, N. J., assignor to Excelsior Accordion Manufacturing Co. Inc., New York, N. Y. Accordion. 2,105,365; Jan. 11.

Panos, Apostole, Long Beach, Calif. Shoe stretcher. 2,104,839; Jan. 11.

Pape, Louis F. W., and H. Umbach, Duesseldorf-Benrath, assignors to the firm Henkel & Cie. Gesellschaft mit beschränkter Haftung, Duesseldorf, Germany. Manufacture of nondepositing liquid soaps. 2,105,366; Jan. 11.

Parke, Davis & Company. (See McCrea, Adelia, assignor.)

Parker, Arthur H. (See Sebell, Harry, assignor.)

Parmelee, Howard M. (See Hoake, C. O., and Parmelee.)

Parshad Holding Corporation, et al. (See Avery, Alfred H., assignor.)

Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Wrapper or label for toilet packages. 2,105,367; Jan. 11.

Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Toilet roll package. 2,105,368; Jan. 11.

Patent License Corporation. (See Arenberg, Albert L., assignor.)

Paten, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,105,369; Jan. 11.

Patrick, Isaac, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Four-point hydraulically operated press. 2,105,053; Jan. 11.

Paul, Lawrence A., Los Angeles, Calif. Dispenser. 2,105,370; Jan. 11.

Paulin, Georges A., Malakoff, France. Convertible body for vehicles, and particularly for motor vehicles. 2,105,293; Jan. 11.

Payne, Lyle L. (See Neuhaus, R., Smith, and Payne.)

Peale, Richard, trustee, et al. (See Bradford, C., and Scollon, assignors.)

Pearce, Edwin S., assignor to Railway Service & Supply Corporation, Indianapolis, Ind. Apparatus for and treating fibrous waste for journal box use. 2,105,094; Jan. 11.

Pearce, Edwin S., and E. C. Karibo, assignors to Transportation Devices Corporation, Indianapolis, Ind. Speedometer. 2,105,158; Jan. 11.

Pearce, George C., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Motor control. 2,105,005; Jan. 11.

Pearson, Harry A., Brooklyn, and E. C. Nicholides, Bronx, assignors to Sonotone Corporation, New York, N. Y. Hearing aid. 2,105,296; Jan. 11.

Peddle, Mary L., Pawtucket, R. I. Hair curler and waver. 2,105,371; Jan. 11.

Pellett, Jackson S., Franklin, N. J., assignor to The New Jersey Zinc Company, New York, N. Y. Classification. 2,105,126; Jan. 11.

Pennant Knitting Mills. (See Saftlas, Samuel, assignor.)

Peter, Charles. (See Giger, W., and Peter.)

Peters, Elmer P. (See Kent, J. W., and Peters.)

Peterson, Alfred G., Milton, Mass. Portable partition. 2,105,095; Jan. 11.

Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency compensator for an oscillation generator. 2,105,096; Jan. 11.

Petroe, Gregory A., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Fluid meter. 2,105,127; Jan. 11.

Petskeyes, Charles H., Davenport, assignor to Micro-Westco, Inc., Bettendorf, Iowa. Wrapping machine. 2,105,159; Jan. 11.

Pfister, Arthur, Woodside, N. Y., assignor to Radio Corporation of America. Variable acoustical reverberation system. 2,104,811; Jan. 11.

Pfisterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,105,260; Jan. 11.

Pharma Chemical Corporation. (See Martoub, E. A., and Miller, assignors.)

Phelps Dodge Copper Products Corporation. (See Staples, Horace A., assignor.)

Phelps, High C., Milwaukee, Wis. Surgical pump. 2,105,300; Jan. 11.

Philad Company, The. (See Decker, George, assignor.)

Phillips, Cleopatra L. E. O. H. T. and E. B., Walmer, England. Machine for closing and sealing cartons. 2,104,906; Jan. 11.

Phillips, Eileen B. (See Phillips, Cleopatra L. E. O. H. T. and E. B.)

Phillips, William B., Birmingham, Mich., assignor to General Motors Corporation, Detroit, Mich. Nickel anode and container. 2,104,812; Jan. 11.

Pickard, Joseph, Chicago, Ill. Burglar alarm switch. 2,105,006; Jan. 11.

Pieper, Chester R., La Crosse, Wis. Heat exchanger. 2,104,813; Jan. 11.

Piquerez, Emile, St. Cloud, France. Apparatus for emptying drums or containing very thick lubricants or other viscous materials. 2,105,140; Jan. 11.

Plane, John F., Long Beach, Calif. Kite string rider. 2,105,128; Jan. 11.

Platt, Stephen A., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Handle for implements, utensils, and the like. 2,105,161; Jan. 11.

Pöhler, Bruno, Kassel, Hohenzollernstr., Germany. Cylinder machine. 2,105,221; Jan. 11.

Pollack, Adolph H., New York, N. Y. Umbrella. 2,105,225; Jan. 11.

Poole, Jesse V., Abington, assignor to Puritan Manufacturing Company, Boston, Mass. Sewing machine with roller feed. 2,105,077; Jan. 11.

Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Process and machine for making window bags. 2,104,814; Jan. 11.

Poppen, John R., U. S. Navy. Method and apparatus for controlling the distribution and pressure of certain human body fluids and contents. 2,104,758; Jan. 11.

Posthuma, Meindert, Worcester, Mass. Gauge for measuring angles. 2,105,054; Jan. 11.

Potash Company of America. (See Weinig, Arthur J., assignor.)

Pratt, Francis G., Seattle, Wash. Group test strip. 2,105,220; Jan. 11.

Pratt, William A., Watford, England, assignor to The F. P. Rosback Company, Benton Harbor, Mich. Wire stitching machine. 2,105,372; Jan. 11.

Prentiss-Wabers Products Co. (See Yeager, Anton J., assignor.)

Press, Carl, South Bend, Ind. Brake. 2,105,297; Jan. 11.

Price, Bailey E., Dallas, Tex. Fluid meter. 2,105,262; Jan. 11.

Pulfrich, Hans. (See Wiegand, E., Meyer, and Pulfrich.)

Puritan Manufacturing Company. (See Poole, Jesse V., assignor.)

Puritan Manufacturing Company. (See Valentine, Percy W., assignor.)

Quanbeck, Henry T. (See Johnson, Rodes O., assignor.)

Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. High pressure tube and making same. 2,104,884; Jan. 11.

Radio Corporation of America. (See Braden, Rene A., assignor.)

Radio Corporation of America. (See Evans, John, assignor.)

Radio Corporation of America. (See Hansell, Clarence W., assignor.)

Radio Corporation of America. (See Peterson, Harold O., assignor.)

Radio Corporation of America. (See Pfister, Arthur, assignor.)

Radio Corporation of America. (See Shrader, Terry M., assignor.)

Radio Corporation of America. (See Sinnett, C. M., and Guedon, assignors.)

Radio Corporation of America. (See Thompson, Browder J., assignor.)

Radio Corporation of America. (See van Geel, William C., assignor.)

Railway Service & Supply Corporation. (See Pearce, Edwin S., assignor.)

Randel, Bo F., San Diego, Calif. removing gases from liquids. 2,104,759; Jan. 11.

Rasmussen, Hans J. M., Chicago, Ill. Faucet. 2,105,331; Jan. 11.

Raub, Frederic H., South Orange, assignor to J. Wise & Sons Co., Newark, N. J. Bumper for hedge shears. 2,105,332; Jan. 11.

Ready, William A., Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Shovel or like tool. 2,105,007; Jan. 11.

Reece, Alfa D. (See Reece, Mae G. and A. D., and Bergman.)

Reece, Mae G. and A. D., and G. E. Bergman, assignors to Reece Wooden Sole Shoe Company, Inc., Columbus, Nebr. Industrial shoe. 2,105,263; Jan. 11.

Reece Wooden Sole Shoe Company. (See Reece, Mae G. and A. D., and Bergman, assignors.)

Read, Herbert V., London, England. Apparatus for the generation of foam for fire extinction. 2,105,264; Jan. 11.

Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Ornamentation. 2,105,265; Jan. 11.

Reinforced Paper Bottle Corporation. (See Mandell, Irving F., assignor.)

Rendall, William S., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Method of and apparatus for proportioning and blending glass batch materials and the like. 2,105,266; Jan. 11.

Renette Company. (See Bleiman, George H., assignor.)

Renfrew, Archibald, Norton-on-Tees, England, assignor to Imperial Chemical Industries, Limited. Plastic materials. 2,104,760; Jan. 11.

Renshaw, Alfred P. R., Kingston Hill, assignor, by mesne assignments, to Automatic Telephone & Electric Company, Limited, London, England. Traffic control system. 2,105,443; Jan. 11.

Reverman, George H., Miami, Fla. Display device. 2,104,951; Jan. 11.

Reynolds Wire Co. (See Thompson, Herbert L., assignor.)

Ribbon Mills Corporation, The. (See Flatto, George, assignor.)

Richheimer, Isaac D., New York, N. Y. Locking cover for pots. 2,105,201; Jan. 11.

Richter, Carl E., Schenectady, N. Y. Welding and cutting torch. 2,104,761; Jan. 11.

Richter, Emil F. and J. E. Garrett, assignors to Airtcraft Silk Hosiery Mills, Inc., Philadelphia, Pa. Thread carrier device. 2,104,815; Jan. 11.

Richter, Richard E., Montgomery, Minn. Finger ring and making the same. 2,105,227; Jan. 11.

Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter trigger latch. 2,105,236; Jan. 11.

Ridgers, Frederick G., assignor to N. Slater Company Limited, Hamilton, Ontario, Canada. Wire counselor. 2,105,120; Jan. 11.

Ridley, William. (See Wilson, P. H., and Ridley.)

Riley, Henry M., Manhasset, N. Y. Device having decorated transparencies. 2,105,005; Jan. 11.

Rinear, William B., Cincinnati, Ohio. Safety water light. 2,104,762; Jan. 11.

Ritter, Ellwood, Norristown, Pa., assignor to The Continental-Diamond Fibre Company, Newark, Del. Combination cornerpiece and shoe clamp for boxes. 2,105,373; Jan. 11.

Robbins, George A., Hilliar Township, Knox County, Ohio. Button fastener. 2,104,885; Jan. 11.

Roberts, Glyn P., Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,105,298; Jan. 11.

Roberts, Glyn P., Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,105,299; Jan. 11.

Robertson, John H., London, England. Charge cooler. 2,105,267; Jan. 11.

Robinson, Adrian A., Chicago, Ill., assignor to Wilson & Co., Inc. Molding powder and product. 2,105,269; Jan. 11.

Robinson, Adrian A., Chicago, Ill., assignor to Wilson & Co., Inc. Laminated product. 2,105,268; Jan. 11.

Roebling's, John A., Sons, Company. (See Sunderland, Charles C., assignor.)

Roebuck, Alvah C., Evanston, Ill. Convertible material working machine. 2,105,009; Jan. 11.

Roehm, William A., Ingabrook, N. Y. Spraying device and refill for same. 2,104,763; Jan. 11.

Rogge, Albert C. (See Gordon, H., and Rogge.)

Rohn, Wilhelm, assignor to the firm Heraeus-Vacuumschmelze Aktiengesellschaft, Hanau-on-the-Main, Germany. Electrically heated annealing furnace. 2,104,883; Jan. 11.

Root, Le Roy P., Brooklyn, N. Y., and F. O'L. Killorin, Watertown, Conn., assignors to Scovill Manufacturing Company, Waterbury, Conn. Combined bottle closure and liquid dispenser. 2,105,202; Jan. 11.

Roshack, F. P., Company, The. (See Pratt, William A., assignor.)

Rossman, Lee, Newark, N. J. Duplex separable fastener. 2,105,223; Jan. 11.

Rothe, Horst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,104,816; Jan. 11.

Rouch, Clayton D., et al. (See Le Fevre, Ralph A., assignor.)

Rubin, Samuel, New Rochelle, N. Y. Photoelectric relay. 2,104,817; Jan. 11.

Ruegg, Herman W., assignor to Liberty Can and Sign Company, Lancaster, Pa. Dispenser or container. 2,104,887; Jan. 11.

Runkel, Roland. (See Freudenberg, Richard and H., Runkel, and Lange.)

Russell, Frank N., Oakland, Calif. Carburetor. 2,105,300; Jan. 11.

Russell, William W. (See Huey, H. L., and Russell.)

Rutledge, Richard B. (See Howell, H. H., Rutledge, and Sanders.)

Rykaczewski, John A., Braddock, Pa. Brake operating mechanism. 2,104,900; Jan. 11.

Saelens, Edmond, St. Boniface, and C. Moreau, Notre Dame des Lourdes, Manitoba, Canada. Switch for fire prevention devices for motion picture machines. 2,104,952; Jan. 11.

Saftlas, Samuel, New York, assignor to J. Kaplan and S. Kaplan, co-partners doing business as Pennant Knitting Mills, Brooklyn, N. Y. Fabric. 2,105,301; Jan. 11.

Sager, Felix & Dr. Gessler Gesellschaft mit beschränkter Haftung. (See Steigmann, Albert, assignor.)

Samson-United Corporation. (See Samuels, Abe O., assignor.)

Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Round heel iron. 2,105,329; Jan. 11.

Sanders, Clarence E. (See Howell, H. H., and Rutledge, and Sanders.)

Sanders, Clarence E., J. A. Cannon, and H. H. Howell, Kansas City, Mo., assignors to Clyde Leavengood, trustee, Kansas City, Kans. Rocking platform for therapeutic treatments. 2,104,764; Jan. 11.

Sanders, John C., assignor to Boeing Aircraft Company, Seattle, Wash. Retractable gun mount. 2,105,053; Jan. 11.

Sanitary Mattress Company. (See Olson, Gilbert, assignor.)

Santman, Jan E., Overum, Sweden. Plow. 2,105,162; Jan. 11.

Sartell, Page M., Farmingdale, N. Y. Fuel-gas and air carburetor. 2,105,056; Jan. 11.

Saulnier, Raymond, Paris, France. Tail device for airplanes. 2,105,374; Jan. 11.

Saunders, Norman H., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,105,012; Jan. 11.

Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Battery installation. 2,104,765; Jan. 11.

Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,766; Jan. 11.

Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,767; Jan. 11.

Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,768; Jan. 11.

Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,769; Jan. 11.

Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,770; Jan. 11.

Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,771; Jan. 11.

Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,772; Jan. 11.

Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Storage battery installation. 2,104,773; Jan. 11.

Sawyer, Charles B., assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric device. 2,105,015; Jan. 11.

Sayles Finishing Plants, Inc. (See Huey, H. I., and Russell, assignors.)

Scandore, Nicholas, Brooklyn, N. Y. Scholar's companion. 2,105,163; Jan. 11.

Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Desk blotter holder and making same. 2,105,230; Jan. 11.

Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Loose leaf binding post construction. 2,105,231; Jan. 11.

Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Book binder casing and making same. 2,105,232; Jan. 11.

Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Perforating device for loose-leaf sheets. 2,105,233; Jan. 11.

Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf binder. 2,105,234; Jan. 11.

Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Ring binder mechanism. 2,105,235; Jan. 11.

Scheffey, George B., Riverside, N. J., assignor, by mesne assignments, to Box Blank Corporation, New York, N. Y. Making boxes. 2,105,270; Jan. 11.

Scheffey, George B., Riverside, N. J., assignor to J. D. Tennant, Philadelphia, Pa. Box making machine. 2,105,375; Jan. 11.

Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Vehicle seat. 2,104,818; Jan. 11.

Schlegel, Norman C., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Weather stripping. 2,105,164; Jan. 11.

Schlegel Manufacturing Company, The. (See Schlegel, Norman C., assignor.)

Schleifer, Carlo, Novara, Italy. Wharve for spindles for spinning, twisting, winding, and similar machines. 2,105,271; Jan. 11.

Schlumbohm, Peter, Berlin, Germany. Refrigerating process. 2,105,098; Jan. 11.

Schlumpf, Robert W., and R. P. Sherman, assignors to Hughes Tool Company, Houston, Tex. Roller boring drill. 2,104,819; Jan. 11.

Schmid, Ernst, Annecy, Haute-Savoie, France. Sleeve valve for a four stroke opposed piston engine. 2,105,272; Jan. 11.

Schmidt, Paul, assignor to Textile Machine Works, Wyomissing, Pa. Actuating means for knitting mechanism. 2,105,444; Jan. 11.

Schnebly, Frederick C., Detroit, Mich. Device for washing photographic prints. 2,105,165; Jan. 11.

Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Cut-out. 2,104,933; Jan. 11.

Schultze, Paul, assignor to J. C. Doran, doing business as Doran Brothers, Danbury, Conn. Pouncing machine. 2,105,130; Jan. 11.

Schuyler, Andrew L., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacturing keys. 2,105,099; Jan. 11.

Schwarzkopf, Paul, Reutte, Austria. Electrical heating element. 2,105,166; Jan. 11.

Scollon, Oliver T. (See Bradford, C., and Scollon.)

Scott, David J., executor. (See Scott, Walter J.)

Scott, David J., assignor to D. J. Scott, executor of the estate of W. Scott, doing business as Walter Scott & Company, Plainfield, N. J. Paper roll and splicing to expiring web. 2,104,774; Jan. 11.

Scott, Douglas M., Chagrin Falls, assignor to The Chase Bag Company, Cleveland, Ohio. Valve bag. 2,105,376; Jan. 11.

Scott, Floyd L., Houston, Tex. Three-cutter drill. 2,104,820; Jan. 11.

Scott, Floyd L., and N. B. Berleth, Houston, Tex. Cross roller bit. 2,104,821; Jan. 11.

Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Drill cutter. 2,104,822; Jan. 11.

Scott Paper Company. (See Parsons, Philip D., assignor.)

Scott, Walter & Company. (See Scott, David J.)

Scovill Manufacturing Company. (See Root, L. P., and Killorin, assignors.)

Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing cage. 2,105,013; Jan. 11.

Scrivener, Samuel, Jr. (See Troendly, Harry P., assignor.)

Scully, Rees T., and W. S. Lang, Pittsburgh, Pa. Brush forming apparatus. 2,105,324; Jan. 11.

Seat, Jay L., Fairfield, Conn. Fire extinguishing liquid. 2,104,776; Jan. 11.

Sebell, Harry, Boston, assignor of one-half to A. H. Parker, Lexington, Mass. Can. 2,105,445; Jan. 11.

Sealy, Thomas H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inverting mechanism. 2,105,277; Jan. 11.

Segel, John H., Glendale, Calif. Ship repair equipment. 2,105,014; Jan. 11.

Self-Locking Carton Co. (See Burger, Martin, assignor.)

Sharpe, Gordon R., Vancouver, British Columbia, Canada. Container. 2,105,057; Jan. 11.

Shaw, William C., Woodstock, Ontario, Canada, assignor, by mesne assignments, to Linderman Devices, Incorporated, Wilmington, Del. Diaphragm and making same. 2,104,776; Jan. 11.

Shell Development Company. (See Groll, H. P. A., and Hearne, assignors.)

Shell Development Company. (See van der Minne, Johan L., assignor.)

Shell Development Company. (See von Stiets, George E. G., assignor.)

Shell Development Company. (See Whitney, Gary M., assignor.)

Shellmar Products Company. (See Gurwick, Irving, assignor.)

Sherman Paper Products Corporation. (See Ives, Charles Q., assignor.)

Sherman, Ralph P. (See Schlumpf, R. W., and Sherman.)

Sherman, Ralph P., assignor to Hughes Tool Company, Houston, Tex. Cutter flushing device. 2,104,823; Jan. 11.

Sherwin-Williams Company, The. (See Frye, Robert, assignor.)

Shoemaker, Richard W., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Composite bus-bar. 2,104,824; Jan. 11.

Shrader, Terry M., West Summit, N. J., assignor to Radio Corporation of America. Photoelectric relay. 2,104,825; Jan. 11.

Siemens Brothers & Company Limited. (See Dixon, Reginald G., assignor.)

Siemens & Halske Aktiengesellschaft, Wernerwerk. (See Lill, F., and Kudrna, assignors.)

Siemens & Halske Aktiengesellschaft, Wernerwerk. (See Michaelis, Walter, assignor.)

Sikora, Joseph. (See Tischler, Thomas A., assignor.)

Silverthorne, Frank H., New York, N. Y. Smoking pipe. 2,104,777; Jan. 11.

Simonski, Samuel C., Philadelphia, Pa. Rug marker. 2,104,910; Jan. 11.

Simpson, Thornton J., Chula Vista, Calif. Highway signal. 2,105,203; Jan. 11.

Sinclair Refining Company. (See Kimball, T. B., and Kaasa, assignors.)

Singer, Fritz, Nuremberg, Germany, assignor to Tubus A. G., Zurich, Switzerland. Mechanically working metal articles. 2,105,015; Jan. 11.

Singer Manufacturing Company, The. (See Card, Frederic M., assignor.)

Sinitzin-White, Nicholas, Westport, assignor of one-third to J. L. R. Glover, Fairfield, and one-third to N. N. Soloviof, Milford, Conn. Navigation instrument. 2,105,103; Jan. 11.

Sinnett, Chester M., Westmont, and E. C. Guedon, Audubon, N. J., assignors to Radio Corporation of America. Sound recording and reproducing apparatus. 2,105,167; Jan. 11.

Skobel, Louis W., assignor to Interstate Metal Products Co., Chicago, Ill. Portable folding bed and cabinet. 2,105,236; Jan. 11.

Slaby, Rudolf, Berlin-Charlottenburg, assignor to Auto Union A. G., Chemnitz, Germany. Motor vehicle. 2,105,434; Jan. 11.

Slater, N., Company Limited. (See Ridgers, Frederick G., assignor.)

Sloan Valve Company. (See Kocour, Emil J., assignor.)

Smiley, Pearl Y., Kitchener, Ontario, Canada, assignor to The B. F. Goodrich Company, New York, N. Y. Footwear. 2,105,335; Jan. 11.

Smiley, Wilbert S. (See Smith, F. T., and Smiley.)

Smith, Arthur G., assignor to S. Morgan Smith Company, York, Pa. Relief valve. 2,104,934; Jan. 11.

Smith, Dorothy S., New York, N. Y. Back rest. 2,105,336; Jan. 11.

Smith, Fred C., Jr. (See Neuhaus, R., Smith, and Payne.)

Smith, Frederick T., and W. S. Smiley, Woodville, Pa. Nest. 2,105,058; Jan. 11.

Smith, Howard H., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone transmission system. 2,105,016; Jan. 11.

Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Manifolding device. 2,104,953; Jan. 11.

Smith, John C., assignor to Hat Corporation of America, Norwalk, Conn. Trimming apparatus. 2,105,131; Jan. 11.

Smith, John C., Beaver, Pa., assignor to Solar Laboratories. Method of and apparatus for decorating spherical and other articles having curved surfaces by a stenciling process. 2,105,378; Jan. 11.

Smith, John P., assignor to The Visking Corporation, Chicago, Ill. Apparatus for manufacturing cellulose coated and impregnated fibrous tubes. 2,105,273; Jan. 11.

Smith, Luther H., Murrells Inlet, S. C. Amusement device. 2,105,379; Jan. 11.

Smith, S. Morgan, Company. (See Smith, Arthur G., assignor.)

Sneed, Marion A. (See Bennett, R. A., and Sneed.)

Snyder, Robert E., Pasadena, Calif. Changeable color spotlight. 2,104,911; Jan. 11.

Societa Italiana Pirelli. (See Allavena, Riccardo, assignor.)

Societe Nobel Francaise. (See Belloc, Maurice, assignor.)

Soderholm, Joel, Minneapolis, Minn. Barrier wicket. 2,105,204; Jan. 11.

Soehner, John D., Valley Stream, and H. S. Holmes, assignors to Metropolitan Engineering Company, Brooklyn, N. Y. Torque arm and similar structural member. 2,105,132; Jan. 11.

Solar Laboratories. (See Smith, John C., assignor.)

Solomon, Samuel, New York, N. Y. Brief case or the like. 2,104,935; Jan. 11.

Soloviof, Nicholas M., et al. (See Sinitzin-White, Nicholas, assignor.)

Sonotone Corporation. (See Pearson, H. A., and Nicholides, assignors.)

Soref, Harry E., and J. K. Marshall, assignors to Master Lock Company, Milwaukee, Wis. Permutation padlock. 2,105,337; Jan. 11.

Southern Steel Company. (See White, Loyd J., assignor.)

Spahr, Otto, Philadelphia, Pa. Electrical connecting device. 2,104,888; Jan. 11.

Speedry Gravure Corporation. (See Degnan, James, assignor.)

Speijer, Joseph, Amsterdam, Netherlands. Manufacture of artificial sponges. 2,105,380; Jan. 11.

Spiers Bedding Corporation. (See Cohn, L. I., and Brinkman, assignors.)

Spray Engineering Company. (See Thompson, Wayne B., assignor.)

Square D Company. (See Jackson, J. G., and Kingdon, assignors.)

Standard Corrugated Case Corporation. (See Liskin, J., and Stimmel, assignors.)

Standard Motor Company Limited, The. (See Grinham, Edward G., assignor.)

Standard Oil Company of California. (See Herrick, Henry N., assignor.)

Standard Oil Company of California. (See Lynton, E. D., and Herrick, assignors.)

Standard Stoker Company, The. (See Ichter, John H., assignor.)

Stanton, Clinton, Toledo, Ohio. Device for expressing contents from collapsible tubes. 2,104,954; Jan. 11.

Stanton Ironworks Company Limited, The. (See Wilson, P. H., and Ridley, assignors.)

Staples, Horace A., Plainfield, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Electric cable. 2,105,168; Jan. 11.

Stark, Ludwig, North Bergen, N. J. Garment clasp. 2,104,955; Jan. 11.

Starr, Allan M., assignor, by mesne assignments, to Starr & Sweetland, Piedmont, Calif. Fuel metering system and housing for same. 2,105,100; Jan. 11.

Starr & Sweetland. (See Starr, Allan M., assignor.)

Steigmann, Albert, Luxemburg-Ville, Luxemburg, assignor to Felix Bager & Dr. Gossler Gesellschaft mit beschrankter Haftung, Heidelberg, Germany. Preventing yellow stain in photographic preparations and regulation of the halogen content thereof. 2,105,274; Jan. 11.

Stein, Gustav A. (See Engels, W. H., and Stein.)

Steiner, Eugen, Oradea, Rumania. Insole arch support. 2,105,381; Jan. 11.

Steinfeld, Hans K., H. L. Galson, and A. S. Locke, Philadelphia, Pa., assignors to Baldwin-Southwark Corporation. Air conditioning apparatus. 2,105,205; Jan. 11.

Steinmayer, Alvin G. (See Schultz, W. O., and Steinmayer.)

Stelley, Harry A., Buffalo, N. Y. Apparatus for washing and grading sand and like materials. 2,105,101; Jan. 11.

Steps, Robert A., Los Angeles, Calif. Automatic centrifugal apparatus. 2,105,059; Jan. 11.

Stern, Georg, Neckargemund, and W. Hoess, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Purification of hydrocarbons. 2,104,956; Jan. 11.

Stevens, Robert C., Beverly Hills, assignor to Fox Film Corporation, Los Angeles, Calif. Focusing device for motion picture cameras. 2,104,936; Jan. 11.

Stimmel, Samuel. (See Liskin, J., and Stimmel.)

Stober, Hans. (See Bertsch, H., and Stober.)

Stoiber, Joseph. (See Lyman, D. F., and Stoiber.)

Stophlet, Robert T., assignor to The Toledo Porcelain Enamel Products Company, Toledo, Ohio. Metal shelving and making the same. 2,105,206; Jan. 11.

Stramiello, Domenick, Brooklyn, N. Y. Detachable sleeve for garments. 2,104,826; Jan. 11.

Streeter, Charles J., Jersey City, N. J. Filing and stacking equipment. 2,104,912; Jan. 11.

Streeter, Charles J., Jersey City, N. J. Filing equipment. 2,104,913; Jan. 11.

Streun, John A., Sherman, Tex., assignor to Hardwicke-Etter Company, Huller rib. 2,104,880; Jan. 11.

Strom, Albert P., Wilkinsburg, C. L. Denault, Forest Hills, and L. McCulloch, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Network cable. 2,105,060; Jan. 11.

Stucki, Arnold, Pittsburgh, Pa. Resilient side bearing assembly. 2,104,840; Jan. 11.

Stuhlfauth, George. (See Kirley, R. C., and Stuhlfauth.)

Suffron, Fay O., Cleveland, Ohio, assignor to American Gas Association, Incorporated, New York, N. Y. Metering fluid flow. 2,105,017; Jan. 11.

Sullivan Machinery Company. (See Noble, Warren, assignor.)

Sunderland, Charles C., assignor to John A. Roebling's Sons Company, Trenton, N. J. Rope making machine. 2,105,338; Jan. 11.

Sutherlin, Walter F., assignor of one-half to G. J. Jebeles, Birmingham, Ala. Safety switch box. 2,105,169; Jan. 11.

Sweitzer, Charles W., Shawnee, Okla. Portable dispenser for beverages. 2,105,339; Jan. 11.

Swingspout Measure Company. (See Wiswell, Osro N., assignor.)

Talley, Benjamin B., Fairfield, Ohio. Plotting device. 2,104,778; Jan. 11.

Tanner, Charles H., and E. Watkins, St. Cloud, Minn., J. M. Tanner administrator of said C. H. Tanner, deceased. Method of and apparatus for frost elimination. 2,105,435; Jan. 11.

Tanner, Jessie M., administrator. (See Tanner, C. H., and Watkins.)

Tarrant, Robert C., Port Washington, N. Y. Nursing bottle and nipple therefor. 2,105,170; Jan. 11.

Tate, Christopher. (See Tate, Edward H., F. E. B., and C.)

Tate, Edward H., F. E. B., and C., Malden, assignors to E. H. Tate Company, Boston, Mass. Wall hook. 2,105,061; Jan. 11.

Tate, Edward H., F. E. B., and C., Malden, assignors to E. H. Tate Company, Boston, Mass. Wall hook. 2,105,062; Jan. 11.

Tate, E. H., Company. (See Tate, Edward H., F. E. B., and C., assignors.)

Tate, Frank E. B. (See Tate, Edward H., F. E. B., and C.)

Tatter, Louis G., Chicago, Ill. Welding shield. 2,105,018; Jan. 11.

Taylor, Cecil H. (See Carroll, E. G., and Taylor.)

Taylor, Harry and W. I., Spondon, near Derby, England, assignors to Celanese Corporation of America. Operation for the production of staple fiber yarns from continuous filaments. 2,104,827; Jan. 11.

Taylor, William I. (See Taylor, Harry and W. I.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Jobst, G., and Klotz, assignors.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rothe, Horst, assignor.)

Teletype Corporation. (See Pagenkopf, Walter H., assignor.)

Teletype Corporation. (See Zenner, W. J., and Janiszewski, assignors.)

Temple, Robert, Jr., Brooklyn, N. Y. Circuit breaker. 2,104,914; Jan. 11.

Tennant, John D. (See Scheffey, George B., assignor.)

Terwilliger, Ivan M., Altadena, Calif. Cinematography to produce stereoscopic solid effects. 2,104,779; Jan. 11.

Textile Machine Works. (See Schmidt, Paul, assignor.)

Thinius, Kurt, assignor to Deutsche Celluloid-Fabrik, Eilenburg, Germany. Reducing the viscosity of cellulose derivatives. 2,104,957; Jan. 11.
Thomas & Betts Co., The. (See Church, Lewis H., assignor.)
Thompson, Browder J., Summit, N. J., assignor to Radio Corporation of America. Tuned oscillator circuit. 2,104,915; Jan. 11.
Thompson, Herbert L., Elgin, assignor to Reynolds Wire Co., Dixon, Ill. Warp feed for wire weaving looms. 2,105,102; Jan. 11.
Thompson, Wayne, B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Flock applying apparatus. 2,105,275; Jan. 11.
Thompson, Le Roy, Blakely, Ga. Smoke box structure. 2,104,958; Jan. 11.
Thomson, Robert F., I. B. Anderson, and S. Thornley, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of dihydroxy isodibenzanthrone. 2,104,960; Jan. 11.
Thornley, Sidney. (See Thomson, R. F., Anderson, and Thornley.)
Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Portable tank. 2,105,302; Jan. 11.
Timken Roller Bearing Company, The. (See Bergert, Henry A., assignor.)
Timken Roller Bearing Company, The. (See Scribner, William L., assignor.)
Tischler, Thomas A., assignor to J. Sikora, Detroit, Mich. Hammock. 2,104,917; Jan. 11.
Titanium Alloy Manufacturing Company, The. (See Kinzie, C. J., and Wainer, assignors.)
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle wheel and spring suspension. 2,105,171; Jan. 11.
Toledo Porcelain Enamel Products Company, The. (See Stophlet, Robert T., assignor.)
Transportation Devices Corporation. (See Pearce, E. S., and Karibo, assignors.)
Treat, Parker E., et al. (See Le Vesconte, Ralph A., assignee.)
Tret-O-Lite Company, The. (See De Groote, Melvin, assignor.)
Tridendly, Harry P., New York, N. Y., assignor, by mesne assignments, to Samuel Scrivener, Jr., Washington, D. C. Support for lawn sprinklers. 2,105,276; Jan. 11.
Trojan Powder Company. (See Wyler, Joseph A., assignor.)
Tube Industrial Participation Limited. (See Korbuly, Károly, assignor.)
Tube-Turns, Incorporated. (See Fritsch, Rudolph E., assignor.)
Tubus A. G. (See Singer, Fritz, assignor.)
Turner, Charles S., Detroit, Mich. Boiler superheater. 2,104,937; Jan. 11.
Turner, Kenneth F., London, England. Reciprocating engine, pump, or compressor of the swash or wobble plate type. 2,105,030; Jan. 11.
Udy, Marvin J., Niagara Falls, N. Y., assignor, by mesne assignments, to Electro Metallurgical Company. Manufacture of iron. 2,105,029; Jan. 11.
Ulin, Carl G., Seattle, Wash. Fish cleaning and filleting machine. 2,105,207; Jan. 11.
Umansky, Leonid A. (See Mahler, F., and Umansky.)
Umbach, Haas. (See Pape, H. W., and Umbach.)
Underwood Elliott Fisher Company. (See Smith, Jesse A. B., assignor.)
Union Hardware Company. (See Steele, William F., assignor.)
Union Switch & Signal Company, The. (See Pflasterer, George P., assignor.)
United Aircraft Corporation. (See Martin, Erle, assignor.)
United Engineering & Foundry Company. (See Mueller, Charles F., and Gallagher.)
United Gilsonite Laboratories, Inc. (See Asphalte Company [illegible], assignor.)
United [illegible] (See Eppler, A., and [illegible])
United [illegible] (See MacDonald, [illegible])
United [illegible] (See Seely, Thomas [illegible])
United [illegible] (See Woodcock, R. [illegible])
U. S. [illegible] (See Platt, Stephen [illegible])
Urban, Oliver M., [illegible] to C. H. Lewis, [illegible], Ohio. 2,105,277; Jan. 11.
Valentine, Percy W., [illegible] signor to Puritan Manufacturing Company, [illegible], Rib setting and trimming machine. 2,105,031; Jan. 11.
Vanadium Alloys Steel Company, [illegible] il, James P., assignor.)
Van der Minne, Johan L., [illegible] Netherlands, assignor to Shell Development Company, San Francisco, Calif. Wave-stilling oil. 2,105,172; Jan. 11.
Van Geel, Willem C., Eindhoven, [illegible], assignor to Radio Corporation of America, [illegible] tric device. 2,105,203; Jan. 11.
Van Horn, Frank, Pittsburgh, Pa. [illegible] 2,105,382; Jan. 11.
Vapor Treating Processes, Inc. (See [illegible], Wallace A., assignor.)
Ventures Limited. (See Hubler, W. G., and Archibald, assignors.)
Vickers, Harry F., Detroit, Mich. Hydraulic hoisting unit and control system therefor. 2,104,780; Jan. 11.
Visking Corporation, The. (See Smith, John P., assignor.)
Voelker, Fred, Astoria, N. Y. Umbrella cover. 2,105,172; Jan. 11.
Von Stitzi, George E. G., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Purification of sugar juices. 2,104,950; Jan. 11.
Wackler, Dr., Alexander, Gesellschaft für Elektrochemische Industrie, G. m. b. H. (See Hollerer, Hanns, assignor.)
Wacker, Dr., Alexander, Wacker, Gesellschaft für Elektrochemische Industrie, G. m. b. H. (See Hollerer, Hanns, assignor.)
Wagner, William, assignor of one-fifth to C. De Giull, Brooklyn, N. Y. Electric lock. 2,105,304; Jan. 11.
Wahl Company, The. (See Langren, Arthur N., assignor.)
Wainer, Eugene. (See Kinzie, C. J., and Wainer.)
Walker, Jay P., assignor of forty per cent to G. O. Merchant, and six per cent to C. G. Wells, Tulsa, Okla. Wooden tank. 2,104,961; Jan. 11.
Wallis, Albert E. (See Harrison, C. F. R., and Wallis.)
Walters, Harry E. (See Mueller, E., and Walters.)
Walton, Thomas R., Birmingham, Mich. Windshield wiper blade. 2,105,021; Jan. 11.
Wark, Nicolaas, Soureth-Heerlen, Netherlands. Separating from pig-iron the vanadium contained therein. 2,104,890; Jan. 11.
Warren Trailer Parts Manufacturing Company. (See Horsfield, George, assignor.)
Warwood, William E., Toronto, Ontario, Canada. Gas producing and smoke consuming firebox and down draft kiln. 2,104,781; Jan. 11.
Washburn Company, The. (See Hindes, Howard W., assignor.)
Waterbury Farrel Foundry and Machine Company, The. (See Wilcox, Richard L., assignor.)
Waterbury Farrel Foundry and Machine Company, The. (See Wilcox, R. L., and Hoyt, assignors.)
Watkins, Ernest. (See Tanner, C. H., and Watkins.)
Webb, George, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Framework and casing for dishwashing machines. 2,104,938; Jan. 11.
Weber, Joseph J., Chicago, Ill. Multiple duplicating apparatus for typewriters. 2,105,279; Jan. 11.
Webster Electric Company. (See Daniels, Virgil L., assignor.)
Weinig, Arthur J., Golden, assignor to Potash Company of America, Denver, Colo. Temperature control in a flotation process. 2,105,294; Jan. 11.
Weinig, Arthur J., Golden, assignor to Potash Company of America, Denver, Colo. Flotation process. 2,105,295; Jan. 11.
Welch, William H., assignor to Cochrane-Bly Company, Rochester, N. Y. Metal cutting machine. 2,105,237; Jan. 11.
Wells, C. G., et al. (See Walker, Jay P., assignor.)
Werntz, James H., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphated esters of polycarboxylic acids. 2,104,782; Jan. 11.
Weston Electric Company. (See Bandur, Adolph F., assignor.)
Weston Electric Company. (See Kagi, W. W., and Gillis, [illegible])
Western Electric Company. (See Kivley, R. C., and Stuhlfauth, assignors.)
Western Electric Company. (See Luts, Raymond P., assignor.)
Western Electric Company. (See McCann, Paul S., assignor.)
Western Electric Company. (See Neighbors, Charles C., assignor.)
Western Electric Company. (See Schuyler, Andrew L., assignor.)
Westinghouse Electric Elevator Company. (See Eames, William F., assignor.)
Westinghouse Electric and Manufacturing Company. (See Strom, A. P., Denault, and McCulloch, assignors.)
Wetherbee, John A., assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,104,676; Jan. 11.
Weymouth, Lawrence B., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Water heater. 2,104,918; Jan. 11.
Whalen, John T., New York, N. Y. Refrigerator shelf. 2,104,939; Jan. 11.
Wheeling Steel Corporation. (See Holub, Charles J., assignor.)
Whitacre, Maxwell L., and P. de Leeuw, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Manufacture of porous bodies. 2,104,783; Jan. 11.
White, Eric L. C., Hillingdon, assignor to Electric & Musical Industries Limited, Middlesex, England. High-frequency electrical transmission system. 2,105,305; Jan. 11.
White, Harold E., Zelienople, assignor to Lava Crucible Company of Pittsburgh, Pittsburgh, Pa. Refractory articles. 2,104,841; Jan. 11.
White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Evaporiser. 2,105,383; Jan. 11.
Whiting, Max A., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,105,384; Jan. 11.

Whitney, Gary M., Compton, assignor to Shell Development Company, San Francisco, Calif. Stabilized fuel oil. 2,104,919; Jan. 11.
Wiegand, Erich, Berlin-Waldmannslust, W. Meyer, Birkenwerder, near Berlin, and H. Pulfrich, Berlin-Wilmersdorf, assignors to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Electron discharge device. 2,104,784; Jan. 11.
Wiese, George E., and D. Culwell, Spokane, Wash. Milk pail supporter. 2,104,842; Jan. 11.
Wiltsie, Arvin E., Ashtabula, Ohio. Sanitary seat cover and dispensing cabinet therefor. 2,105,133; Jan. 11.
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Cut-off mechanism. 2,105385; Jan. 11.
Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Cut-off and transfer mechanism. 2,105,387; Jan. 11.
Wilcox, Richard L., and H. L. Hoyt, assignors to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Cut-off mechanism. 2,105,386; Jan. 11.
Wildhaber, Ernest, Irondequoit, and A. H. Candee, assignors to Cleason Works, Rochester, N. Y. Gear. 2,105,104; Jan. 11.
Williams, Alfred L. W., assignor to The Brush Development Company, Cleveland, Ohio. Piezo-electric apparatus. 2,105,011; Jan. 11.
Wilson & Co. (See Robinson, Adrian A., assignor.)
Wilson, Ira J., et al. (See Kenney, Thomas, assignor.)
Wilson, James R., Ramseur, N. C. Lap stick. 2,105,064; Jan. 11.
Wilson, John A., Milwaukee, Wis., assignor, by mesne assignments, to Monsanto Chemical Company. Treatment of leather. 2,105,446; Jan. 11.
Wilson, Percy H., Sherwood, Nottingham, and W. Ridley, Beeston, assignors of one-third to The Stanton Ironworks Company Limited, Stanton-by-Dale, near Nottingham, England. Pipe joint. 2,105,022; Jan. 11.
Windhiel, Joseph C., assignor to Mead Johnson & Company, Evansville, Ind. Bottle closure and dispensing device. 2,105,023; Jan. 11.
Wintsch, Max T., Lancaster, Pa. Current transmission system. 2,105,134; Jan. 11.
Wiss J., & Sons, Co. (See Rauh, Frederic H., assignor.)
Wiswell, Ozro N., assignor to Swingspout Measure Company, Los Angeles, Calif. Dispenser. 2,104,843; Jan. 11.
Witte, Otto, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Film strip. 2,105,238; Jan. 11.
Wolfe, Harry H. (See Johnson, G. T., and Wolfe.)
Wolfson, Isadore D., Woodmere, N. Y. Four-in-hand tie. 2,105,306; Jan. 11.
Woodcock, Reginald B., and H. Boothroyd, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Finishing machine. 2,105,388; Jan. 11.
Woolery, Horace E., St. Paul, Minn. Oil burner. 2,104,940; Jan. 11.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Purification of sucrose octanitrate. 2,105,290; Jan. 11.
Wyler, Joseph A., Allentown, Pa., assignor to Trojan Powder Company. Nitration of organic carbohydrates. 2,105,289; Jan. 11.
Yale & Towne Manufacturing Company, The. (See Miller, Charles A., assignor.)
Yeager, Anton J., assignor to Prentiss-Wabers Products Co., Wisconsin Rapids, Wis. Portable stove. 2,105,340; Jan. 11.
Yuskis, Herman, Newark, N. J. Coupling. 2,104,920; Jan. 11.
Zell, David H., Brooklyn, N. Y. Indicator container. 2,105,065; Jan. 11.
Zell, David H., Brooklyn, N. Y. Indicator container. 2,105,066; Jan. 11.
Zimmerman, Fred R., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Machine for electrically heating springs. 2,105,105; Jan. 11.
Zenner, Walter J., Des Plaines, and S. Janiszewski, assignors to Teletype Corporation, Chicago, Ill. Start-stop regenerative repeater. 2,105,173; Jan. 11.
Zerweck, Werner, and W. Kunze, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the acylaminoanthraquinone series containing a thiazolic radical and making same. 2,104,891; Jan. 11.
Zimmerman, Willard P., and M. K. Holmes, Muncie, Ind., assignors to Owens-Illinois Glass Company. Manufacturing multipart glass articles. 2,105,174; Jan. 11.

LIST OF DESIGN INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 11TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Collector main valve assembly. C. V. McIntire. 20,619; Jan. 11.
Device for phonographs with linear photogram cutters. H. Vogt, J. Massolle, and J. Engl. 20,621; Jan. 11.
Electrical adapter means. H. A. Douglas. 20,618; Jan. 11.
Envelope. J. W. Bear and R. E. Sublett. 20,615; Jan. 11.
Film magazine for amateur motion picture cameras. S. S. Porter. 20,622; Jan. 11.
Lock, Door. W. A. Beauchamp. 20,616; Jan. 11.
Shoe sole or the like and manufacturing same. J. R. Caldwell. 20,617; Jan. 11.
Storage and dispensing apparatus for liquefied gases. L. J. White. 20,624; Jan. 11.
Wax and production of same, High melting point. C. F. Tears. 20,623; Jan. 11.
Wrench, Torque measuring. J. H. Sharp. 20,620; Jan. 11.

Agitator. T. J. Litle, Jr. 107,879; Jan. 11.
Airplane. D. R. Berlin. 107,850; Jan. 11.
Airplane. B. C. Boulton and J. S. McDonnell. 107,891; Jan. 11.
Airplane. F. E. Flader. 107,903; Jan. 11.
Ashtray or similar article. R. A. Kelly. 107,873; Jan. 11.
Blouse. A. M. Lowenthal. 107,909; Jan. 11.
Cabinet for check controlled apparatus. S. Brown. 107,851; Jan. 11.
Case, Piano. L. Jiranek. 107,870; Jan. 11.
Case, Vanity. A. Wewetzer. 107,897-8; Jan. 11.
Casing, Air conditioning. C. A. Arnold and R. P. Hansen. 107,901; Jan. 11.
Casing for a suction cleaner or similar article. F. L. Pierce. 107,884; Jan. 11.
Centerpiece, Illuminated. J. C. Minchin. 107,881; Jan. 11.
Coat. J. A. Silverman. 107,914; Jan. 11.
Coffee brewer. C. Abrams. 107,847; Jan. 11.
Comfortable. J. May. 107,896; Jan. 11.
Cord, Assist. G. W. Nesbitt. 107,882; Jan. 11.
Corn pepper. E. E. Preston. 107,885; Jan. 11.
Cuff link. E. S. Mix. 107,896; Jan. 11.
Cushion. R. Green. 107,929; Jan. 11.
Dial and panel for battery testers, Combined. C. H. Kolseth. 107,875; Jan. 11.
Dish, Soap. E. G. Welles. 107,889; Jan. 11.
Display and retainer support, Combined. G. E. Noel. 107,883; Jan. 11.
Dress. J. Abbate. 107,917-18; Jan. 11.
Dress. J. Bensi. 107,919; Jan. 11.
Dress. P. Fracchia. 107,928; Jan. 11.
Dress. M. Michelson. 107,911; Jan. 11.
Dress. M. Michelson. 107,931; Jan. 11.
Dress. S. S. Schwartz. 107,933; Jan. 11.
Dress. M. B. Smith. 107,913; Jan. 11.
Dress. F. Sussman. 107,934; Jan. 11.
Dress. P. Wenett. 107,915; Jan. 11.
Dress. S. Zahn. 107,935-6; Jan. 11.
Dress ensemble. I. Lampel. 107,908; Jan. 11.
Dress ensemble. M. Pono. 107,932; Jan. 11.
Electrical connecter body. C. E. Gilbert. 107,905; Jan. 11.
Fabric, Embroidered. L. L. Kahn. 107,906-7; Jan. 11.
Fabric, Embroidered textile. W. G. Meier. 107,910; Jan. 11.
Fabric or similar article, Textile. M. Christen. 107,921-5; Jan. 11.
Fabric, Textile. F. M. R. Burns. 107,853; Jan. 11.
Fabric, Textile. L. Eichmann. 107,926-7; Jan. 11.
Fabric, Textile. S. S. S. McNiel. 107,930; Jan. 11.
Fabric, Textile. H. W. Wilde. 107,899; Jan. 11.
Gravy boat and tray, Combined. M. S. Cornell, Jr. 107,854; Jan. 11.
Grille. R. H. Hutchinson. 107,894; Jan. 11.
Grille, Door. R. H. Hutchinson. 107,869; Jan. 11.
Grille for windows and the like. R. H. Hutchinson. 107,868; Jan. 11.
Handbag. H. Felmann. 107,892-3; Jan. 11.
Hat. O. Friedman. 107,904; Jan. 11.
Jewelry setting or similar article. P. J. Armeny. 107,848; Jan. 11.
Key and finger ring, Combination. E. Gross. 107,864; Jan. 11.
Lace insert or similar article. G. Zellweger. 107,916; Jan. 11.
Laundry machine. K. C. Haven. 107,865-6; Jan. 11.
Lighter and cigarette container, Combined pyrophoric. L. V. Aronson. 107,849; Jan. 11.
Lighting fixture. J. H. Waterbury. 107,888; Jan. 11.
Lighting fixture or similar article, Adjustable ceiling. J. Levy. 107,877-8; Jan. 11.
Mattress. M. Marsack. 107,880; Jan. 11.
Negligee. R. Rosenfeld. 107,912; Jan. 11.
Plate or similar article. R. A. Kelly. 107,871; Jan. 11.
Plate or similar article, Torte. R. A. Kelly. 107,872; Jan. 11.
Ring, Finger. J. J. Klecka. 107,874; Jan. 11.
Rug. R. F. Bemporad. 107,890; Jan. 11.
Scarf blouse. J. F. Berlinger. 107,920; Jan. 11.
Seat, Chair. J. W. Burks. 107,852; Jan. 11.
Shoe. D. Levin. 107,876; Jan. 11.
Shoe. C. B. Snyder. 107,886; Jan. 11.
Shoe. A. Vamos. 107,887; Jan. 11.
Shoe or similar article. S. Ferragamo. 107,857-9; Jan. 11.
Slicing machine. C. Dapp. 107,855; Jan. 11.
Stool, Milk. R. G. Ferris. 107,860; Jan. 11.
Tag, Identification. W. E. Hicks. 107,867; Jan. 11.
Top for automotive vehicles. L. Brodton. 107,902; Jan. 11.
Tumbler. E. W. Fuerst. 107,861-3; Jan. 11.
Vaporizer, Medicated. T. A. Andersen. 107,900; Jan. 11.
Wire, Insulated. C. A. Farrar. 107,856; Jan. 11.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 11TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Accordion. R. Pancotti. 2,105,365; Jan. 11.
Acid, Manufacture of sulphuric. R. B. Ferguson. 2,104,858; Jan. 11.
Acoustical reverberation system, Variable. A. Pfister. 2,104,811; Jan. 11.
Actuating means for knitting mechanism. P. Schmidt. 2,105,444; Jan. 11.
Advertising sign. R. A. Bennett and M. A. Sneed. 2,105,209; Jan. 11.
Agglutinant. I. Chesler. 2,105,310; Jan. 11.
Air conditioning apparatus. H. K. Steinfeld, H. L. Galson, and A. S. Locke. 2,105,205; Jan. 11.
Air conditioning system. R. B. P. Crawford. 2,104,851; Jan. 11.
Air, Device for conditioning and cooling. P. Crosley, Jr. 2,105,108; Jan. 11.
Airplane with floating wings. J. Akerman. 2,105,307; Jan. 11.
Air to carburetors, Device for conditioning the intake. P. W. Noble. 2,105,433; Jan. 11.
Alcohols for aqueous emulsions, Separating higher aliphatic. C. O. Henke and H. M. Parmelee. 2,104,803; Jan. 11.
Alloy steel tool. J. P. Gill. 2,105,114; Jan. 11.
Alloys, Heat resistant. W. Gödecke and W. Guertler. 2,105,283; Jan. 11.
Alpha-nitronapthalene, Hydrogenation of. C. O. Henke and R. G. Benner. 2,105,321; Jan. 11.
Ammonolysis of halogeno-aromatic compounds to produce amines. R. Frye. 2,104,983; Jan. 11.
Amusement device. D. H. Smith. 2,105,279; Jan. 11.
Anesthetic, Local. R. T. Major and A. B. Boese. 2,104,753; Jan. 11.
Anesthetising machine. J. A. Heidbrink. 2,104,988; Jan. 11.
Annealing furnace, Electrically heated. W. Rohn. 2,104,886; Jan. 11.
Antirattler device for windows and the like. E. V. Francescon. 2,105,414; Jan. 11.
Apparatus for cleaning and degreasing articles. H. Höllerer. 2,104,991; Jan. 11.
Apron. F. F. Hort. 2,105,322; Jan. 11.
Arc welding system. C. J. Holslag. 2,105,079; Jan. 11.
Article handling apparatus. R. C. Kivley and G. Stuhlfauth. 2,105,084; Jan. 11.
Article of furniture, Convertible. L. I. Cohn and A. J. Brinkman. 2,105,408; Jan. 11.
Ashtray and coaster. T. R. Moss. 2,105,157; Jan. 11.
Automobile door lock. A. J. Leonard. 2,104,838; Jan. 11.
Awning. W. F. Crawford. 2,105,409; Jan. 11.
Back rest. D. S. Smith. 2,105,336; Jan. 11.
Bag: *See*—
Valve bag.
Bag. C. L. Hodden and N. Cherkasoff. 2,105,319; Jan. 11.
Bags, Process and machine for making window. G. W. Poppe. 2,104,814; Jan. 11.
Baller, Pressure. E. L. Condra. 2,104,942; Jan. 11.
Ballcock. J. F. Duncan and E. H. Barlow. 2,105,314; Jan. 11.
Bar: *See*—
Composite bus-bar.
Battery carrier. V. B. Dawson. 2,105,249; Jan. 11.
Battery, Galvanic. A. Dassler. 2,104,973; Jan. 11.
Battery installation. W. S. Saunders. 2,104,765; Jan. 11.
Battery installation, Storage. W. S. Saunders. 2,104,766-73; Jan. 11.
Bearing assembly, Resilient side. A. Stucki. 2,104,840; Jan. 11.
Bed and cabinet, Portable folding. L. W. Skobel. 2,105,236; Jan. 11.
Bed, Hospital or invalid. A. L. Hurst. 2,105,040; Jan. 11.
Bed motion for flat bed presses, Reciprocating. F. R. Molitor. 2,105,328; Jan. 11.
Bed, Rocking hospital. H. H. Howell, E. E. Rutledge, and C. E. Sanders. 2,104,745; Jan. 11.
Bench, Tube push. K. Korbuly. 2,105,150; Jan. 11.
Bib. M. M. Doty. 2,105,029; Jan. 11.
Bin bottom for concrete structures. A. Clever. 2,104,896; Jan. 11.
Binder, Loose-leaf. J. Schade. 2,105,234; Jan. 11.
Binding post construction, Loose leaf. F. S. Schade. 2,105,231; Jan. 11.
Binocular, Rapid focusing. G. R. Chesnut, Jr. 2,105,348; Jan. 11.
Bismuth allantoinate and making it. W. H. Engels and G. A. Stein. 2,104,738; Jan. 11.
Bit: *See*—
Cross roller bit.
Blind, Venetian. J. E. Johnson. 2,105,082; Jan. 11.
Blind, Venetian. D. Neumann. 2,104,907; Jan. 11.
Block: *See*—
Die block.
Body fluids and contents, Method and apparatus for controlling the distribution and pressure of certain human. J. R. Poppen. 2,104,758; Jan. 11.
Body for vehicles, and particularly for motor vehicles, Convertible. G. A. Paulin. 2,105,293; Jan. 11.
Boiler superheater. C. S. Turner. 2,104,937; Jan. 11.
Bomb sight and pilot director. H. B. Inglis. 2,105,147; Jan. 11.
Bookbinding. J. Murray. 2,105,222; Jan. 11.
Book cover. M. T. Kafka. 2,105,041; Jan. 11.
Boot tree. H. J. Baas. 2,105,395; Jan. 11.
Borax, Production of. P. T. Dolley. 2,105,109; Jan. 11.
Bottle and nipple therefor, Nursing. E. C. Tarrant. 2,105,170; Jan. 11.
Bottle closure and dispensing device. J. C. Windbiel. 2,105,023; Jan. 11.
Bottle closure and liquid dispenser, Combined. Le R. P. Root and F. O. Killorin. 2,105,202; Jan. 11.
Bow. G. Flatto. 2,105,436; Jan. 11.
Bowling pin. K. Kraft. 2,105,045; Jan. 11.
Box: *See*—
Safety switch box. Shoe box.
Box. C. E. and W. F. Gruber. 2,105,243; Jan. 11.
Box and box blank. J. T. Curtis. 2,105,025; Jan. 11.
Box and manufacture thereof, Composite. F. E. Neely. 2,105,359; Jan. 11.
Box making machine. G. B. Scheffey. 2,105,375; Jan. 11.
Box or receptacle. W. F. Best and W. Kremer. 2,105,179; Jan. 11.
Boxes, Making. G. B. Scheffey. 2,105,270; Jan. 11.
Bracket: *See*—
Insulator bracket. Shelf bracket.
Bracket for ladders, Platform. S. J. Harding. 2,104,987; Jan. 11.
Brake: *See*—
Sled brake.
Brake. E. G. Carroll and C. H. Taylor. 2,104,735; Jan. 11.
Brake. G. H. Hunt. 2,105,323; Jan. 11.
Brake. L. E. La Brie. 2,105,046; Jan. 11.
Brake. C. Press. 2,105,297; Jan. 11.
Brake. G. P. Roberts. 2,105,298-9; Jan. 11.
Brake construction. C. S. Ash. 2,105,176; Jan. 11.
Brake drum. C. W. Dake. 2,104,923; Jan. 11.
Brake operating mechanism. E. G. McCauley. 2,105,196 Jan. 11.
Brake operating mechanism. J. A. Rykaczewski. 2,104,909; Jan. 11.
Brake slack adjuster. M. P. Blomberg. 2,104,787; Jan. 11.
Breastplate cover pad. M. Maher. 2,105,290; Jan. 11.
Breast support. P. Boris. 2,104,725; Jan. 11.
Brush for dynamo-electric machines. W. O. Helwig. 2,105,038; Jan. 11.
Brush forming apparatus. R. T. Scully and W. S. Lang. 2,105,334; Jan. 11.
Brush holder assembly and brush. C. E. Berger. 2,104,721; Jan. 11.
Buckle and identification tag, Combination cotton tie. R. Masino and O. H. Keep. 2,104,755; Jan. 11.
Buffer attachment. J. A. Hunt. 2,104,837; Jan. 11.
Building. A. T. Levy. 2,104,870-4; Jan. 11.
Building, Prefabricated. A. T. Levy. 2,104,869; Jan. 11.
Building, Prefabricated. A. T. Levy. 2,104,875; Jan. 11.
Building, Prefabricated. A. T. Levy. 2,104,877; Jan. 11.
Building, Prefabricated. J. H. Magnuson. 2,104,876; Jan. 11.
Building, Prefabricated. J. A. Wetherbee. 2,104,876; Jan. 11.
Bumper for hedge shears. F. H. Rauh. 2,105,332; Jan. 11.
Burglar alarm switch. J. Pickard. 2,105,006; Jan. 11.
Burner: *See*—
Gaseous fuel burner. Oil burner.
Bus body. E. M. Hicks. 2,104,989; Jan. 11.
Bust support. V. F. Kemp. 2,104,867; Jan. 11.
Butadienes and preparing them, Halogen substituted. W. H. Carothers. 2,104,789; Jan. 11.
Butterfly valve. S. F. Briggs. 2,105,343; Jan. 11.
Button fastener. G. A. Robbins. 2,104,885; Jan. 11.
Cable: *See*—
Electric cable. Network cable.
Cage, Roller bearing. W. L. Scribner. 2,105,013; Jan. 11.
Camera. J. Mihalyi. 2,105,256; Jan. 11.
Camera, Motion picture. G. Laube, R. C. Stevens, and C. M. Miller. 2,104,948; Jan. 11.

Can. H. Sebell. 2,105,445; Jan. 11.
Cap: *See*—
Nurse's cap.
Cap form feeding attachment for paper bottle capping machines. I. F. Mandell. 2,104,931; Jan. 11.
Carbohydrates, Nitration of organic. J. A. Wyler. 2,105,389; Jan. 11.
Carbon removing tool. M. Holhut. 2,104,900; Jan. 11.
Carbonylic compounds, Stabilization of unsaturated. H. P. A. Groll and G. Hearne. 2,105,284; Jan. 11.
Carburetor. F. N. Russell. 2,105,300; Jan. 11.
Carburetor, Fuel-gas and air. P. M. Sartell. 2,105,056; Jan. 11.
Card playing apparatus. E. W. Larsson-Letsén. 2,105,358; Jan. 11.
Carrier: *See*—
Battery carrier.
Carton. M. Burger. 2,104,969; Jan. 11.
Carton, Egg. A. E. Bueschel. 2,105,181; Jan. 11.
Case: *See*—
Match book case. Shipping case.
Case or the like, Brief. S. Solomon. 2,104,935; Jan. 11.
Cash receiver. J. J. Murtaugh. 2,105,442; Jan. 11.
Casing and making same, Bookbinder. E. S. Schade. 2,105,232; Jan. 11.
Cathode beams, Device for controlling. R. Barthélemy. 2,105,177; Jan. 11.
Cellulose derivatives, Reducing the viscosity of. K. Thinius. 2,104,957; Jan. 11.
Cellulose process. R. F. Conaway. 2,104,849; Jan. 11.
Centrifugal apparatus, Automatic. R. A. Stepa. 2,105,059; Jan. 11.
Chair: *See*—
Obstetrical chair.
Charge cooler. J. H. Robertson. 2,105,267; Jan. 11.
Chassis-frame for motor-vehicles. E. G. Grinham. 2,105,144; Jan. 11.
Chassis, Motor vehicle. H. Ledwinka. 2,105,153; Jan. 11.
Chime, Electric door. E. G. Anderson. 2,104,963; Jan. 11.
Churn. F. G. Clark. 2,105,212; Jan. 11.
Chute, Silo. W. W. Gurney. 2,105,145; Jan. 11.
Cigarettes, Manufacture of. W. F. M. Edwards. 2,105,412; Jan. 11.
Cinematography to produce stereoscopic solid effects, Method of. I. M. Terwilliger. 2,104,779; Jan. 11.
Circuit: *See*—
Control circuit. Vacuum tube circuit.
Tuned oscillator circuit.
Circuit breaker. B. F. Jennings. 2,105,286; Jan. 11.
Circuit breaker. R. Temple, Jr. 2,104,914; Jan. 11.
Circuits, Vacuum tube. D. K. Gannett. 2,104,861; Jan. 11.
Clamp: *See*—
Plate clamp.
Clamp. C. W. Card. 2,105,345; Jan. 11.
Clasp, Garment. L. Stark. 2,104,955; Jan. 11.
Classification. J. S. Pellett. 2,105,126; Jan. 11.
Classifier. H. E. T. Haultain. 2,104,926; Jan. 11.
Clipper, Hair. L. C. Nicholl. 2,105,223; Jan. 11.
Clock device, Electrical. M. Môme. 2,105,050; Jan. 11.
Closure construction for washing machines. G. W. Johnson. 2,105,246; Jan. 11.
Closure, Container. E. M. Enkur and R. E. Greenholtz. 2,105,031; Jan. 11.
Closure for containers, Adjustable double. J. W. McNeil. 2,104,806; Jan. 11.
Closure for tubes or containers. D. Henderson. 2,105,118; Jan. 11.
Clutch: *See*—
Friction clutch.
Clutch. F. M. Guy. 2,105,188; Jan. 11.
Clutch controlling mechanism. C. S. Bragg. 2,104,731; Jan. 11.
Clutch operating means on motor vehicles. K. Maybach. 2,105,429; Jan. 11.
Coal, Apparatus for heating. J. S. Morgan. 2,105,156; Jan. 11.
Compensator for an oscillation generator, Frequency. H. O. Peterson. 2,105,096; Jan. 11.
Composite article. C. F. Lauenstein and C. J. Brinkworth. 2,105,048; Jan. 11.
Composite bus-bar. R. W. Shoemaker. 2,104,824; Jan. 11.
Compounds of polymerized acrylic acid or its esters with sulphur or selenium and making the same. P. Nowak. 2,105,361; Jan. 11.
Condenser potting composition. R. P. Lutz. 2,105,087; Jan. 11.
Connecter: *See*—
Electrical connecter. Wire connecter.
Connecter. A. A. Berndt. 2,105,178; Jan. 11.
Container: *See*—
Display container. Pencil head container.
Indicator container. Pouring spout container.
Container. M. M. Cunningham. 2,105,313; Jan. 11.
Container. G. R. Sharpe. 2,105,057; Jan. 11.
Containers, Apparatus for cleaning. Le B. B. Johnson. 2,105,458; Jan. 11.
Control circuit, Automatic fidelity. R. A. Braden. 2,104,788; Jan. 11.
Control system. F. Mohler and L. A. Umansky. 2,105,431; Jan. 11.
Control system. M. A. Whiting. 2,105,384; Jan. 11.
Conveyer. J. W. Forsythe. 2,105,142; Jan. 11.
Cooler: *See*—
Charge cooler.
Copper plate printing machine. K. T. Lang. 2,105,249; Jan. 11.
Cornerpiece and shoe clamp for boxes, Combination. E. Ritter. 2,105,373; Jan. 11.
Correlating subsurface strata. H. N. Herrick. 2,104,743; Jan. 11.
Coupler, Locomotive pilot. J. G. Bower. 2,104,846; Jan. 11.
Coupling. H. Yeskin. 2,104,920; Jan. 11.
Cover: *See*—
Book cover. Umbrella cover.
Cover and dispensing cabinet therefor, Sanitary seat. A. E. Wiitala. 2,105,133; Jan. 11.
Cover for match books, Safety. H. B. Eastman. 2,105,141; Jan. 11.
Cover for pots, Locking. I. D. Richheimer. 2,105,201; Jan. 11.
Cover for tops of cans and the like. G. C. Davis. 2,105,027; Jan. 11.
Covers and the like, Making slip. S. Krasnov. 2,105,123; Jan. 11.
Cravat or necktie. M. P. and K. H. Exline. 2,104,977; Jan. 11.
Cross roller bit. F. L. Scott and N. B. Berleth. 2,104,821; Jan. 11.
Cross winding machine. H. Dersen. 2,105,140; Jan. 11.
Crystalline formation. A. M. Marks. 2,104,949; Jan. 11.
Current transmission system. M. T. Wintsch. 2,105,134; Jan. 11.
Cut-off and transfer mechanism. R. L. Wilcox. 2,105,387; Jan. 11.
Cut-off mechanism. R. L. Wilcox. 2,105,385; Jan. 11.
Cut-off mechanism. R. L. Wilcox and H. L. Hoyt. 2,105,386; Jan. 11.
Cut-out. W. O. Schultz and A. G. Steinmayer. 2,104,933; Jan. 11.
Cutter: *See*—
Drill cutter.
Cutter flushing device. R. P. Sherman. 2,104,823; Jan. 11.
Cylinder machine. B. Pöhler. 2,105,261; Jan. 11.
Decorating spherical and other articles having curved surfaces by a stenciling process, Method of and apparatus for. J. C. Smith. 2,105,378; Jan. 11.
Detonator. H. Junghans. 2,105,423; Jan. 11.
Device for preventing unintentional locking of automobile doors. J. W. Fitz Gerald. 2,105,350; Jan. 11.
Device having decorated transparencies. H. M. Riley. 2,105,008; Jan. 11.
Diaphragm and making same. W. C. Shaw. 2,104,776; Jan. 11.
Die block. W. F. Finkl. 2,104,979; Jan. 11.
Dihydroxy isodibenzanthrone, Manufacture of. R. F. Thomson, I. B. Anderson, and S. Thornley. 2,104,960; Jan. 11.
Dispenser: *See*—
Powder dispenser.
Dispenser. D. D. Hoefler. 2,104,990; Jan. 11.
Dispenser. L. A. Paul. 2,105,370; Jan. 11.
Dispenser. O. N. Wiswell. 2,104,843; Jan. 11.
Dispenser for beverages, Portable. C. W. Sweitzer. 2,105,339; Jan. 11.
Dispenser or container. H. W. Rueger. 2,104,887; Jan. 11.
Dispensing attachment for beverage containers. G. W. Myers. 2,105,051; Jan. 11.
Display container. A. H. Newman. 2,105,199; Jan. 11.
Display device. G. H. Reverman. 2,104,951; Jan. 11.
Door: *See*—
Veneered door.
Drawer for gas ranges and the like, Broiler. C. H. and R. F. Hoffstetter. 2,105,418; Jan. 11.
Drill: *See*—
Roller boring drill. Three-cutter drill.
Drill cutter. F. L. Scott. 2,104,822; Jan. 11.
Drums containing very thick lubricants or other viscous materials, Apparatus for emptying. E. Piqueres. 2,105,160; Jan. 11.
Duplex separable fastener. L. Roseman. 2,105,333; Jan. 11.
Duplicating apparatus. A. Marchev and V. M. Leach. 2,105,195; Jan. 11.
Duplicating apparatus for typewriters, Multiple. J. J. Weber. 2,105,279; Jan. 11.
Dyes, Polymethine. W. Dieterle and K. Horst. 2,104,855; Jan. 11.
Dyestuffs of the acylaminoanthraquinone series containing a thiazolic radical and making same, Vat. W. Zerweck and W. Kunse. 2,104,891; Jan. 11.
Elbows, Apparatus for forming sheet metal. C. J. Holub. 2,104,993; Jan. 11.
Electric alarm switch. F. G. Gibson. 2,105,113; Jan. 11.
Electric cable. H. A. Staples. 2,105,168; Jan. 11.
Electric control device for block printing machines. O. Brophy. 2,104,894; Jan. 11.
Electric discharge lamp, Gaseous. J. L. Cox. 2,105,138; Jan. 11.
Electric lamp. H. E. Metcalf. 2,105,430; Jan. 11.
Electric lock. W. Wagner. 2,105,304; Jan. 11.

Electric meter mounting. H. A. Bakke. 2,105,396; Jan. 11.
Electric plug lock. J. G. Guinn. 2,104,945; Jan. 11.
Electric switch. G. H. Clark. 2,104,848; Jan. 11.
Electrical condenser and spacing strip therefor. A. Di Giacomo. 2,104,797; Jan. 11.
Electrical conductor, Insulated. P. Nowak and H. Hofmeier. 2,105,362; Jan. 11.
Electrical connecter. G. E. Andre. 2,104,786; Jan. 11.
Electrical connecting device. O. Spahr. 2,104,888; Jan. 11.
Electrical energy, System for transmitting. A. R. Locke. 2,105,194; Jan. 11.
Electrical exploration of the subsurface, Method and apparatus for. J. J. Jakosky. 2,105,247; Jan. 11.
Electrical transmission system, High-frequency. E. L. C. White. 2,105,305; Jan. 11.
Electrolyte. J. B. Brennan. 2,104,732; Jan. 11.
Electrolyte and making same. J. B. Brennan and E. L. Marsh. 2,104,733; Jan. 11.
Electron discharge device. H. Rothe. 2,104,816; Jan. 11.
Electron discharge device. E. Wiegand, W. Meyer, and H. Pulfrich. 2,104,784; Jan. 11.
Electron tube. W. Dällenbach. 2,105,026; Jan. 11.
Elevator latch. R. K. Hertel. 2,105,077; Jan. 11.
Engine: *See*—
Reciprocating engine.
Engine construction, Internal combustion. G. H. Blettner. 2,104,892; Jan. 11.
Engine cooling and heating means for motor vehicles. W. A. Kysor. 2,105,193; Jan. 11.
Engine, pump, or compressor of the swash or wobble plate types, Reciprocating. K. K. Turner. 2,105,019; Jan. 11.
Enunciator. H. F. Buses and J. N. Huser. 2,104,895; Jan. 11.
Esters of polycarboxylic acids, Sulphated. J. H. Wernts. 2,104,782; Jan. 11.
Excavating machine. G. Jacobs. 2,104,928; Jan. 11.
Exerciser. H. L. Hussmann. 2,104,927; Jan. 11.
Exposure meter. J. Mihalyi and N. B. Green. 2,105,255; Jan. 11.
Eye solution. E. A. Markush and J. Miller. 2,105,326; Jan. 11.
Fabric: *See*—
Woven fabric.
Fabric. S. Saftlas. 2,105,301; Jan. 11.
Fabrics and making same, Crisp sheer. H. I. Huey and W. W. Russell. 2,104,748; Jan. 11.
Fan, Circulating. H. I. Finch. 2,105,315; Jan. 11.
Fastener: *See*—
Button fastener. Slide fastener.
Duplex separable fastener.
Fastener for undergarments, Waistband. H. Herrle. 2,105,417; Jan. 11.
Fastener for wrist watch straps. C. B. Greenberg. 2,105,143; Jan. 11.
Fastening-inverting mechanism. T. H. Seely. 2,105,377; Jan. 11.
Faucet. H. J. M. Rasmussen. 2,105,331; Jan. 11.
Feeder and waterer, Poultry. F. W. Buckle. 2,105,403; Jan. 11.
Feeding device. A. Allendorf. 2,105,068; Jan. 11.
Fender welt. G. G. Barr and A. H. Kirchner. 2,105,397; Jan. 11.
Ferrule for handles and attaching same. H. W. Hindes. 2,105,119; Jan. 11.
Filing and stacking equipment. C. J. Streeter. 2,104,912; Jan. 11.
Filing equipment. C. J. Streeter. 2,104,913; Jan. 11.
Film guide for film magazines. L. R. Martin. 2,105,254; Jan. 11.
Film strip. O. Wittel. 2,105,238; Jan. 11.
Filter glass holder. F. M. Bowers. 2,105,071; Jan. 11.
Finishes on articles of manufacture, System of deriving decorative. L. V. Casto. 2,104,790; Jan. 11.
Finishing machine. R. B. Woodcock and H. Boothroyd. 2,105,388; Jan. 11.
Fish cleaning and filleting machine. C. G. Ullin. 2,105,207; Jan. 11.
Flame producing mechanism. L. V. Aronson. 2,104,965; Jan. 11.
Flock applying apparatus. W. B. Thompson. 2,105,275; Jan. 11.
Flotation process. A. J. Weinig. 2,105,295; Jan. 11.
Flow head. R. Neuhaus and F. C. Smith, Jr. 2,104,808; Jan. 11.
Fluid control for fluid operated presses. C. S. Malott, Jr. 2,105,253; Jan. 11.
Fluid flow, Metering. F. O. Suffron. 2,105,017; Jan. 11.
Fluid meter. G. A. Petrpe. 2,105,127; Jan. 11.
Fluid meter. B. E. Price. 2,105,262; Jan. 11.
Foam for fire extinction, Apparatus for the generation of. H. V. Reed. 2,105,264; Jan. 11.
Focusing device for motion picture cameras. R. C. Stevens. 2,104,936; Jan. 11.
Footwear. P. Y. Smiley. 2,105,335; Jan. 11.
Framework and casing for dishwashing machine. G. Webb. 2,104,938; Jan. 11.
Frequency control. C. W. Hansell. 2,104,801; Jan. 11.
Friction clutch. A. W. Anderson. 2,104,942; Jan. 11.
Frost elimination, Method of and apparatus for. C. H. Tanner and E. Watkins. 2,105,435; Jan. 11.
Fuel beds, Method and apparatus for controlling. H. S. Morton. 2,104,883; Jan. 11.
Fuel distributing mechanism. J. H. Ichter. 2,105,457; Jan. 11.
Fuel metering system and housing for same. A. M. Starr. 2,105,100; Jan. 11.
Furnace: *See*—
Annealing furnace.
Furnace. H. E. Carleton. 2,105,309; Jan. 11.
Furnace. J. Mortenson. 2,105,004; Jan. 11.
Fuse, Glass top plug. S. B. Condit. 2,104,850; Jan. 11.
Fuse link construction. R. H. Earle. 2,104,899; Jan. 11.
Game apparatus. C. F. Evans. 2,104,740; Jan. 11.
Gas producing and smoke consuming firebox and down draft kiln. W. E. Warwood. 2,104,781; Jan. 11.
Gases from liquids, Removing. B. F. Bandel. 2,104,759; Jan. 11.
Gaseous fuel burner. D. A. Campbell. 2,105,344; Jan. 11.
Gaseous mixtures, Method and apparatus for cooling and rectifying. W. L. De Baufre. 2,105,214; Jan. 11.
Gasholders, Erecting collapsible. K. Jagschitz. 2,105,080; Jan. 11.
Gauge for measuring angles. M. Posthuma. 2,105,054; Jan. 11.
Gear. E. Wildhaber and A. H. Candee. 2,105,104; Jan. 11.
Generator: *See*—
Radio frequency generator
Glass batch materials and the like, Method of and apparatus for proportioning and blending. W. S. Rendall. 2,105,266; Jan. 11.
Glass articles, Manufacturing multipart. W. P. Zimmerman and M. K. Holmes. 2,105,174; Jan. 11.
Glove and making same from strip material. J. Bloom. 2,104,724; Jan. 11.
Glycyrrhizine, Preparing purified. S. H. Bertram. 2,104,968; Jan. 11.
Graders, Attachment for elevating. E. O. Johnson. 2,105,422; Jan. 11.
Grain scouring machine. J. A. McBrady. 2,105,325; Jan. 11.
Gravitation measuring instrument. H. Haalck. 2,105,146; Jan. 11.
Grease, oil, and the like, and can therefor, Method and apparatus for dispensing. R. E. Hulme. 2,105,039; Jan. 11.
Gut string, Process and apparatus for making. C. G. Bjorkman. 2,104,730; Jan. 11.
Hair curler and waver. M. I. Peddle. 2,105,371; Jan. 11.
Hair, Waving. G. Decker. 2,104,897; Jan. 11.
Halter, Adjustable rope. E. Hethcote. 2,105,285; Jan. 11.
Hamburger patty forming apparatus. M. O. Bessonette. 2,105,211; Jan. 11.
Hammer, Fluid actuated. E. G. Eppens. 2,105,074; Jan. 11.
Hammock. T. A. Tischler. 2,104,917; Jan. 11.
Handle: *See*—
Tool handle.
Handle for implements, utensils, and the like. S. A. Platt. 2,105,161; Jan. 11.
Hat. M. Miller. 2,105,002; Jan. 11.
Header and making the same. W. J. Gazey. 2,105,241; Jan. 11.
Headgear, Safety. R. Dickhoff. 2,105,028; Jan. 11.
Hearing aid. H. A. Pearson and E. C. Nicholides. 2,105,296; Jan. 11.
Heat conserver and humidifier. F. M. Hill. 2,104,804; Jan. 11.
Heat control mechanism. W. L. McNamara. 2,105,198; Jan. 11.
Heat exchanger. C. R. Pieper. 2,104,813; Jan. 11.
Heat-resisting implement. W. Hessenbruch. 2,104,835-6; Jan. 11.
Heat transfer and refrigeration. T. Midgley, Jr., A. L. Henne, and R. R. McNary. 2,104,882; Jan. 11.
Heater: *See*—
Water heater.
Heater for internal combustion engines, Fuel. B. P. Dawes. 2,104,974; Jan. 11.
Heating element, Electrical. P. Schwarzkopf. 2,105,166; Jan. 11.
Heel fasteners to shoes, Apparatus for securing metallic. H. Gordon and A. C. Rogge. 2,105,116; Jan. 11.
Heel, Shoe. G. Delica. 2,104,924; Jan. 11.
Highway signal. T. J. Simpson. 2,105,203; Jan. 11.
Hoisting unit and control system therefor, Hydraulic. H. F. Vickers. 2,104,780; Jan. 11.
Hold-down for squaring shears, Hydraulic. R. L. Brownlee. 2,105,402; Jan. 11.
Holder: *See*—
Filter glass holder. Tool holder.
Holder and making same, Desk blotter. F. S. Schade. 2,105,230; Jan. 11.
Holder or the like, Lipstick. S. Morrison. 2,104,902; Jan. 11.
Hook: *See*—
Wall hook.
Housing, Gas installation. P. A. Anderson. 2,105,135; Jan. 11.
Huller rib. J. A. Streun. 2,104,889; Jan. 11.

Hydraulically operated press, Four-point. I. Patrick. 2,105,053; Jan. 11.
Hydrocarbons, Cracking. T. B. Kimball and O. G. Kaasa. 2,105,122; Jan. 11.
Hydrocarbons, Purification of. G. Stern and W. Hoess. 2,104,956; Jan. 11.
Hydrohalides of alkyl esters of iso-quinoline alkaloids, Production of. C. R. Addinall and E. T. Major. 2,104,726; Jan. 11.
Hydrolysis of cellulose esters. C. J. Malm. 2,105,252; Jan. 11.
Hydromechanical motor. H. F. MacMillin. 2,105,251; Jan. 11.
Igniter, Pyrophoric. A. Dubsky. 2,105,072; Jan. 11.
Implement attachment for tractors. W. S. Graham. 2,105,117; Jan. 11.
Impulse sender. F. Lill and B. Kudrna. 2,104,998; Jan. 11.
Indicator: *See*—
Liquid level indicator. Overload indicator.
Indicator container. D. H. Zell. 2,105,065–6; Jan. 11.
Indicator for watercraft, Speed. J. C. Clason. 2,105,311; Jan. 11.
Insecticide spray. W. C. O'Kane. 2,104,757; Jan. 11.
Insole arch support. E. Steiner. 2,105,381; Jan. 11.
Insulating composition, Liquid. F. M. Clark. 2,105,406–7; Jan. 11.
Insulator bracket. A. T. Flower. 2,105,112; Jan. 11.
Iron, Manufacture of. M. J. Udy. 2,105,020; Jan. 11.
Iron, Round heel. A. O. Samuels. 2,105,229; Jan. 11.
Ironing machine. A. O. McCollum. 2,104,950; Jan. 11.
Joint: *See*—
Pipe joint. Soldered joint.
Joint for rails, Expansion. I. Dion. 2,104,856; Jan. 11.
Keys, Manufacturing. A. L. Schuyler. 2,105,099; Jan. 11.
Kit, Lunch. F. Van Horn. 2,105,382; Jan. 11.
Kite string rider. J. F. Plane. 2,105,128; Jan. 11.
Knife lubricating device. A. H. Avery. 2,105,393; Jan. 11.
Laminated product. A. A. Robinson. 2,105,268; Jan. 11.
Lamp: *See*—
Electric lamp. Vehicle head lamp.
Electric discharge lamp.
Lamp and similar device, Incandescent. P. O. Cartun. 2,105,404; Jan. 11.
Lantern, Hurricane. B. Nier. 2,105,292; Jan. 11.
Lantern, Storm. B. Nier. 2,105,432; Jan. 11.
Latch: *See*—
Elevator latch. Shutter trigger latch.
Laundry machine. J. B. Kirby. 2,105,218; Jan. 11.
Leather, Treatment of. J. A. Wilson. 2,105,446; Jan. 11.
Lens mounting. W. F. Hunkeler. 2,105,420; Jan. 11.
Lenses, Method and means for abrading. C. E. Anderson. 2,105,175; Jan. 11.
Level indicating device. B. H. Flynn. 2,105,034; Jan. 11.
Light: *See*—
Retractable landing light. Safety water light.
Lighting fixture. A. L. Arenberg. 2,105,447; Jan. 11.
Lighting mechanism, Pyrophoric. L. V. Aronson. 2,104,964; Jan. 11.
Liquid, Fire extinguishing. J. L. Seat. 2,104,775; Jan. 11.
Liquid flow control device for combustion engines. J. B. Crombie and B. H. Manning. 2,104,852; Jan. 11.
Liquid level indicator, Electrically controlled. C. A. de Giers. 2,104,898; Jan. 11.
Listing mechanism for addressing machines. C. J. Hueber. 2,104,747; Jan. 11.
Load transfer device for roadways. L. B. Johnson. 2,104,866; Jan. 11.
Loader and unloader, Mechanical. W. Orlowsky. 2,105,329; Jan. 11.
Lock: *See*—
Automobile door lock. Electric plug lock.
Electric lock. Nut lock.
Lock. B. S. Falk. 2,104,981; Jan. 11.
Loom. C. D. Brown. 2,105,450; Jan. 11.
Lubricating installation, Automatic centralized. J. Bijur. 2,104,729; Jan. 11.
Lubricator construction. J. C. Morrow. 2,104,905; Jan. 11.
Machine for cleaning and degreasing articles. H. Höllerer. 2,104,992; Jan. 11.
Machine for closing and sealing cartons. C. L. E. O. H. T. and E. B. Phillips. 2,104,908; Jan. 11.
Machine for electrically heating springs. F. R. Zimmerman. 2,105,105; Jan. 11.
Machine for making bolts. J. H. Friedman. 2,104,944; Jan. 11.
Machine for pressing the bottoms of shoes. A. Eppler and J. P. Frederickesen. 2,104,739; Jan. 11.
Magnesium, Refining. A. Beck. 2,105,342; Jan. 11.
Magnetic core. A. F. Bandur. 2,105,070; Jan. 11.
Magnetic material. C. C. Neighbors. 2,105,092; Jan. 11.
Magnetic polarity, Determining. E. D. Lynton and H. N. Herrick. 2,104,752; Jan. 11.
Manifolding device. J. A. B. Smith. 2,104,953; Jan. 11.
Manometer. A. F. Meyer. 2,105,000; Jan. 11.
Marker, Rug. S. C. Simonski. 2,104,910; Jan. 11.
Match book case. G. M. Lee. 2,105,425; Jan. 11.
Material, Method of and apparatus for folding sheet. M. M. Balsam and W. L. Lawson. 2,104,727; Jan. 11.
Material, Producing lightweight. E. Hüttemann and W. Csernin. 2,105,324; Jan. 11.
Material working machine, Convertible. A. C. Roebuck. 2,105,009; Jan. 11.
Materials containing collagen, Treatment of. W. G. Dewsbury and A. Davies. 2,105,413; Jan. 11.
Materials, Halogenation of. C. G. Fink. 2,104,741; Jan. 11.
Materials, Resinous thermoplastic. P. Nowak. 2,105,364; Jan. 11.
Mattress and method of making. G. Olson. 2,105,224; Jan. 11.
Mattress for beds. A. M. Bank. 2,104,921; Jan. 11.
Mechanism for separating intermixed divided materials. C. Bradford and O. T. Scollon. 2,104,922; Jan. 11.
Medicament. A. McCrea. 2,105,197; Jan. 11.
Metal article, Mechanically working. F. Singer. 2,105,015; Jan. 11.
Metal cutting machine. W. H. Welch. 2,105,237; Jan. 11.
Metal, Ferrous. C. F. Lauenstein and C. J. Brinkworth. 2,105,220; Jan. 11.
Metal, Method of and machine for bending sheet. H. G. Flagler. 2,105,240; Jan. 11.
Metal, Processing. C. E. McManus. 2,105,426; Jan. 11.
Metal removing machine. A. Oberhoffken. 2,104,756; Jan. 11.
Metal surface. H. H. Harris. 2,105,352; Jan. 11.
Meter: *See*—
Exposure meter. Fluid meter.
Mill: *See*—
Roller mill.
Motor: *See*—
Hydromechanical motor.
Motor control. G. C. Pearce. 2,105,005; Jan. 11.
Motor control system. L. L. Cunningham. 2,104,972; Jan. 11.
Motor vehicle. F. C. Best. 2,104,723; Jan. 11.
Motor vehicle. C. R. Paton. 2,105,369; Jan. 11.
Motor vehicle. R. Slaby. 2,105,434; Jan. 11.
Mount, Retractable gun. J. C. Sanders. 2,105,055; Jan. 11.
Mounting means for enclosed electric devices. J. G. Jackson and R. H. Kingdon. 2,105,421; Jan. 11.
Mower. C. L. Meinholdt. 2,105,125; Jan. 11.
Navigation instrument. N. Sinitzin-White. 2,105,103; Jan. 11.
Nest. F. T. Smith and W. S. Smiley. 2,105,058; Jan. 11.
Network cable. A. P. Strom, C. L. Denault, and L. McCulloch. 2,105,060; Jan. 11.
Newspaper printing press. E. W. Dean. 2,104,737; Jan. 11.
Nickel anode and container. W. M. Phillips. 2,104,812; Jan. 11.
Nickel carbonyl, Manufacture of. C. F. R. Harrison and A. E. Wallis. 2,105,037; Jan. 11.
Nitrocellulose emulsions. M. C. Moore. 2,105,155; Jan. 11.
Nozzle device, Homogenizing. H. Daubenmeyer. 2,104,853; Jan. 11.
Nozzle, Spray. N. G. Maxon. 2,105,154; Jan. 11.
Nurse's cap. A. A. Lawrence. 2,104,997; Jan. 11.
Nut lock. E. W. Boyer. 2,105,401; Jan. 11.
Nut, Welding. L. Demboski and J. Kay. 2,105,139; Jan. 11.
Obstetrical chair. S. G. Collard. 2,104,830; Jan. 11.
Oil and improving same, Lubricating. M. A. Dietrich. 2,104,796; Jan. 11.
Oil burner. H. E. Woolery. 2,104,940; Jan. 11.
Oil clarifier and filter. S. W. Briggs. 2,105,136; Jan. 11.
Oil, Stabilized fuel. G. M. Whitney. 2,104,919; Jan. 11.
Oil, Wave-stilling. J. L. van der Minne. 2,105,278; Jan. 11.
Oils, Treating hydrocarbon. W. A. Craig. 2,104,791; Jan. 11.
Opener and cover, Can. E. J. Evans. 2,104,978; Jan. 11.
Opener for grain drills, Furrow. A. E. W. Johnson. 2,105,120; Jan. 11.
Ore crushing machine. J. J. Morch. 2,105,003; Jan. 11.
Ores, Treating lateritic. W. G. Hubler and F. R. Archibald. 2,105,456; Jan. 11.
Ornament end connection, Belt. W. Forstner. 2,104,833; Jan. 11.
Ornamentation. A. F. Reilly. 2,105,265; Jan. 11.
Oscillator, Cathode ray. B. C. Gardner. 2,104,834; Jan. 11.
Overload indicator. V. L. Daniels. 2,105,410; Jan. 11.
Packing for pipe joints. S. Evans. 2,104,799; Jan. 11.
Pad: *See*—
Breastplate cover pad.
Pad for use with horseshoes. B. P. Gray. 2,105,242; Jan. 11.
Padlock, Permutation. H. E. Soref and J. K. Marshall. 2,105,337; Jan. 11.
Palladium nickel ruthenium alloy. S. Cohn. 2,105,312; Jan. 11.
Paper, Manufacture of corrugated. C. Q. Ives. 2,104,996; Jan. 11.
Paper, Manufacturing. J. Oltmans. 2,105,052; Jan. 11.
Paper, Metal coated. B. C. Miller. 2,105,440; Jan. 11.
Paper roll and method of splicing to expiring web. D. J. Scott. 2,104,774; Jan. 11.
Parachute. O. A. Baker. 2,104,966; Jan. 11.
Partition, Portable. A. G. Peterson. 2,105,095; Jan. 11.
Pattern testing attachment for dobby looms. O. C. Hinson and C. C. Dawson. 2,104,946; Jan. 11.
Peg-lock and guard for musical instruments, Combined. W. F. Hutcheson. 2,104,995; Jan. 11.

Pen. A. N. Langren. 2,105,049; Jan. 11.
Pen, Fountain. B. W. Hanle. 2,105,189; Jan. 11.
Pencil head container. D. Kahn. 2,105,424; Jan. 11.
Percompounds, Process and apparatus for producing. H. Hartman. 2,105,438; Jan. 11.
Perforating device for loose-leaf sheets. J. Schade. 2,105,233; Jan. 11.
Petroleum emulsions, Breaking. M. De Groote. 2,104,793–5; Jan. 11.
Petroleum oils, Cracking. T. Kenney. 2,105,191; Jan. 11.
Photoelectric device. W. C. van Geel. 2,105,303; Jan. 11.
Photoelectric relay. S. Ruben. 2,104,817; Jan. 11.
Photoelectric relay. T. M. Shrader. 2,104,825; Jan. 11.
Photography, Apparatus for aerial. L. T. Eliel. 2,104,976; Jan. 11.
Picker for looms. W. D. Dodenhoff. 2,104,832; Jan. 11.
Piezo-electric apparatus. A. L. W. Williams. 2,105,011; Jan. 11.
Piezoelectric device. C. B. Sawyer. 2,105,016; Jan. 11.
Pig-iron the vanadium contained therein, Separating from. N. Wark. 2,104,800; Jan. 11.
Pile, Manifolding. C. W. Brenn. 2,105,448–9; Jan. 11.
Pilot and coupler structure. F. H. Ehnwaechter, Jr. 2,104,857; Jan. 11.
Pilot and pilot coupler. G. T. Johnson and H. H. Wolfe. 2,104,985; Jan. 11.
Pilot director. H. B. Inglis. 2,105,148; Jan. 11.
Pin: *See*—
Bowling pin. Safety pin.
Pinion mounting for transmissions, Bevel. A. C. C. Hansen. 2,105,437; Jan. 11.
Pipe: *See*—
Smoking pipe.
Pipe bends, Method and apparatus for making. R. E. Fritsch. 2,105,075; Jan. 11.
Pipe joint. P. H. Wilson and W. Ridley. 2,105,022; Jan. 11.
Piston. G. H. Blettner. 2,104,893; Jan. 11.
Piston for internal combustion engines, Pneumatic differential. E. H. Hansen. 2,104,802; Jan. 11.
Piston rods from cross heads, Device for removing. H. A. Anderson. 2,105,392; Jan. 11.
Plant dusting machine. C. Mackintosh. 2,104,930; Jan. 11.
Plastic composition, Nonshrinking woodlike. G. J. Esselen. 2,105,111; Jan. 11.
Plastic materials. A. Renfrew. 2,104,760; Jan. 11.
Plate clamp. A. S. Busk. 2,105,452; Jan. 11.
Plate clamp operating device for printing presses. E. W. Dean and J. L. Blackley. 2,104,854; Jan. 11.
Platen mechanism for printing machines. C. J. Hueber. 2,104,863; Jan. 11.
Platform for therapeutic treatments, Rocking. C. E. Sanders, J. A. Cannon, and H. H. Howell. 2,104,764; Jan. 11.
Plotting device. B. B. Talley. 2,104,778; Jan. 11.
Plow. J. E. Santman. 2,105,162; Jan. 11.
Plug: *See*—
Spark plug.
Porous bodies, Manufacture of. M. L. Whitacre and P. de Leeuw. 2,104,783; Jan. 11.
Portable tank. F. G. Thwaits. 2,105,302; Jan. 11.
Poultry, Apparatus for treating. A. W. Bruce. 2,105,107; Jan. 11.
Pouncing machine. P. Schultze. 2,105,130; Jan. 11.
Pouring spout container. J. M. Hothersall. 2,104,744; Jan. 11.
Powder and product, Molding. A. A. Robinson. 2,105,269; Jan. 11.
Powder dispenser. D. P. Bowes. 2,105,281; Jan. 11.
Power-transmitting device, Variable speed. C. de la Barre de Nanteuil. 2,105,186; Jan. 11.
Press: *See*—
Hydraulically operated Newspaper printing press. press.
Press. E. J. Lobdell, Jr. 2,105,289; Jan. 11.
Pressure tank. G. E. Bullock. 2,105,451; Jan. 11.
Printing apparatus. G. W. Booth. 2,105,390–400; Jan. 11.
Printing device, Intaglio. I. Gurwick. 2,104,985; Jan. 11.
Prints, Device for washing photographic. F. C. Schnelz. 2,105,165; Jan. 11.
Proportioning device. C. B. Hill. 2,105,078; Jan. 11.
Pump: *See*—
Surgical pump.
Pump. H. Allen. 2,105,067; Jan. 11.
Pump for motor vehicles, Accessory air. C. H. Oshel. 2,105,259; Jan. 11.
Pump or motor. W. Ferris. 2,105,454; Jan. 11.
Pumping device. W. Noble. 2,105,093; Jan. 11.
Pushmobile, Ice. H. Nodland. 2,105,300; Jan. 11.
Puttee. R. A. Le Fevre. 2,104,751; Jan. 11.
Raceway members on locomotive crankpins and the like, Apparatus for mounting. H. A. Bergert. 2,104,967; Jan. 11.
Radio frequency generator, Constant. J. Evans. 2,104,916; Jan. 11.
Radio static eliminator. L. R. Grandy and H. C. Doane. 2,104,800; Jan. 11.
Ram nose for cold riveting fixtures, Adjustable. E. Almdale. 2,105,391; Jan. 11.
Razor, Safety. G. Greenstein. 2,105,351; Jan. 11.
Reciprocating engine. J. G. A. Kitchen. 2,105,043; Jan. 11.
Record card controlled machine. M. Maul. 2,105,291; Jan. 11.
Reel. P. S. McCann. 2,105,090; Jan. 11.
Refractory articles. H. E. White. 2,104,841; Jan. 11.
Refrigerating apparatus. B. S. Gaugler. 2,105,460; Jan. 11.
Refrigerating apparatus. J. Karmazin. 2,105,121; Jan. 11.
Refrigerating device. G. Lindsey. 2,104,879; Jan. 11.
Refrigerating process. P. Schlumbohm. 2,105,096; Jan. 11.
Refrigerating system with osmotic pump, Jet. K. P. Brace and R. B. P. Crawford. 2,104,847; Jan. 11.
Refrigerator. E. J. Anderson. 2,104,845; Jan. 11.
Reinforcement. J. M. Bass. 2,105,280; Jan. 11.
Relief valve. A. G. Smith. 2,104,934; Jan. 11.
Resins, Manufacture of vinyl. M. Belloc. 2,105,208; Jan. 11.
Resins, Tinted. W. H. Carmody. 2,104,829; Jan. 11.
Resonant system, High-frequency. A. Crossley and H. B. Meinema. 2,104,792; Jan. 11.
Retractable landing light. D. L. Bruner. 2,105,137; Jan. 11.
Revaporiser. L. J. White. 2,105,383; Jan. 11.
Reverberation system, Synthetic. A. N. Goldsmith. 2,105,318; Jan. 11.
Rib setting and trimming machine. P. W. Valentine. 2,105,063; Jan. 11.
Ribbons to spools, Device for anchoring inking. C. J. Hueber. 2,104,740; Jan. 11.
Ring and making the same, Finger. R. E. Richter. 2,105,227; Jan. 11.
Ring binder mechanism. J. Schade. 2,105,235; Jan. 11.
Ring buoy and making the same. R. J. and J. H. Driscoll. 2,105,110; Jan. 11.
Roll package, Toilet. P. D. Parsons. 2,105,368; Jan. 11.
Roller boring drill. R. W. Schlumpf and R. P. Sherman. 2,104,819; Jan. 11.
Roller mill. J. W. Kent and E. P. Peters. 2,105,192; Jan. 11.
Rolls, Means for casting. H. Mueller and H. E. Walters. 2,104,906; Jan. 11.
Rope making machine. C. C. Sunderland. 2,105,338; Jan. 11.
Rounds, Method of and apparatus for rolling. J. M. O'Malley. 2,105,258; Jan. 11.
Rug and carpet. H. H. Baynton and J. W. Foster. 2,104,941; Jan. 11.
Safety pin. E. J. Lintner. 2,104,880; Jan. 11.
Safety switch box. W. F. Sutherlin. 2,105,169; Jan. 11.
Safety water light. W. B. Riner. 2,104,762; Jan. 11.
Salt, Manufacture of complex metallic. D. W. and B. H. Marsh. 2,104,784; Jan. 11.
Sand and like materials, Apparatus for washing and grading. H. A. Stelley. 2,105,101; Jan. 11.
Sanitary device. L. B. Joosten. 2,104,947; Jan. 11.
Sash construction. J. Fuchsman. 2,104,860; Jan. 11.
Saw. R. M. Dunham. 2,105,030; Jan. 11.
Scale. P. J. Kircher. 2,105,219; Jan. 11.
Scholar's companion. N. Scandore. 2,105,163; Jan. 11.
Scraper. J. P. Heil. 2,105,320; Jan. 11.
Scraper for track motor cars, Ice. J. A. Hansen. 2,105,416; Jan. 11.
Screen: *See*—
Vibrating endless screen.
Seal, Gear pump. G. F. Maglott. 2,105,428; Jan. 11.
Seat: *See*—
Vehicle seat.
Seat structure. A. E. Forester. 2,104,982; Jan. 11.
Sewing and trimming machine. F. M. Card. 2,105,346; Jan. 11.
Sewing machine. P. P. Kessler. 2,105,356–7; Jan. 11.
Sewing machine for fur and the like. T. C. Mladinich. 2,104,807; Jan. 11.
Sewing machine frame structure. P. P. Kessler. 2,105,355; Jan. 11.
Sewing machine with roller feed. J. V. Poole. 2,105,097; Jan. 11.
Sewing machines, Attachment for. S. M. Crewdson. 2,105,184; Jan. 11.
Shaving device. W. J. Kendall. 2,104,929; Jan. 11.
Shear, Rubber. R. W. Dinsl. 2,105,215; Jan. 11.
Sheathing. R. L. Hohl. 2,105,245; Jan. 11.
Sheets to printing and other like machines, Means for use in feeding. G. T. Baldwin. 2,104,720; Jan. 11.
Shelf bracket. M. Dauskardt. 2,104,831; Jan. 11.
Shelf, Refrigerator. J. T. Whalen. 2,104,939; Jan. 11.
Shelving and making the same, Metal. H. T. Stophlet. 2,105,206; Jan. 11.
Shield, Welding. L. G. Tatter. 2,105,018; Jan. 11.
Shingle staining machine. C. W. Kraus. 2,104,868; Jan. 11.
Ship repair equipment. J. H. Segel. 2,105,014; Jan. 11.
Shipping case. J. Liskin and S. Stimmel. 2,105,086; Jan. 11.
Shoe box. R. S. Brinnon. 2,104,828; Jan. 11.
Shoe, Industrial. M. G. and A. D. Reece and G. E. Bergman. 2,105,263; Jan. 11.
Shoes, Method and apparatus for operating on. C. K. MacDonald. 2,105,427; Jan. 11.
Shovel or like tool. W. A. Ready. 2,105,007; Jan. 11.

Shutter trigger latch. W. A. Riddell. 2,105,228; Jan. 11.
Sign: *See*—
Advertising sign.
Signal: *See*—
Highway signal.
Signal. A. O. Olafson. 2,104,932; Jan. 11.
Signal for dissolving shutters, Warning. D. F. Lyman and J. Stolber. 2,105,250; Jan. 11.
Signal system for elevators. W. F. Eames. 2,105,073; Jan. 11.
Signaling, Railway. G. R. Pflasterer. 2,105,260; Jan. 11.
Silk and the like, Production of artificial. H. Bertsch. 2,104,722; Jan. 11.
Skate wheel, Ball bearing. W. F. Hoerle. 2,105,354; Jan. 11.
Slab, Artificial. R. Lattorf. 2,105,152; Jan. 11.
Sled brake, Momentum actuated. R. N. Brickner. 2,105,308; Jan. 11.
Sleeve for garments, Detachable. D. Stramiello. 2,104,826; Jan. 11.
Slide fastener. M. V. Clark. 2,105,213; Jan. 11.
Slotter head. T. S. Fitchett. 2,105,033; Jan. 11.
Slug casting machine. F. C. Frolander. 2,104,859; Jan. 11.
Smoke baffling device. M. Kornblatt. 2,105,151; Jan. 11.
Smoke box structure. Le R. Thompson. 2,104,958; Jan. 11.
Smoking pipe. F. H. Silverthorne. 2,104,777; Jan. 11.
Soaps, Manufacture of nondepositing liquid. L. F. W. Pape and H. Umbach. 2,105,366; Jan. 11.
Soldered joint. F. L. Chase. 2,105,405; Jan. 11.
Soles to shoes, Attaching. J. Amico. 2,105,341; Jan. 11.
Sound recording and reproducing apparatus. C. M. Sinnett and E. C. Guedon. 2,105,167; Jan. 11.
Spark plug. K. C. De Walt. 2,105,411; Jan. 11.
Speedometer. E. S. Pearce and E. C. Karibo. 2,105,158; Jan. 11.
Spindle driving transmission. C. E. Linden and R. H. McClellan. 2,105,288; Jan. 11.
Sponges, Manufacture of artificial. J. Speijer. 2,105,380; Jan. 11.
Spotlight, Changeable color. R. E. Snyder. 2,104,911; Jan. 11.
Spraying device and refill for same. W. A. Roehm. 2,104,763; Jan. 11.
Spring assembly, Upholstery. W. W. Gleason. 2,105,115; Jan. 11.
Spun goods, fabrics, and other textiles, Manufacture of. R. Freudenberg and G. Lange. 2,105,036; Jan. 11.
Spun goods, fabrics, and the like, Manufacture of. R. Freudenberg, H. Freundenburg, R. Runkel, and G. Lange. 2,105,035; Jan. 11.
Starch conversion. R. O. McCoy. 2,105,221; Jan. 11.
Starch, Manufacture of. A. H. Kelling. 2,105,217; Jan. 11.
Start-stop regenerative repeater. W. J. Zenner and S. Janiszewski. 2,105,173; Jan. 11.
Steel alloy. W. F. Finkl. 2,104,980; Jan. 11.
Stick, Lap. J. R. Wilson. 2,105,064; Jan. 11.
Stiffening rib for supporting garments. J. V. Moore. 2,105,257; Jan. 11.
Stocking. O. W. Marden. 2,104,901; Jan. 11.
Stop, Door. A. Evulich. 2,105,216; Jan. 11.
Stop for door type elevators, Balance. H. E. Grau. 2,105,076; Jan. 11.
Stove. F. E. Hughes. 2,104,994; Jan. 11.
Stove, Portable. A. J. Yeager. 2,105,340; Jan. 11.
Stretcher for uniform cap covers. R. H. Lake. 2,105,047; Jan. 11.
Stretcher, Shoe. A. Panos. 2,104,839; Jan. 11.
Strip, Group test. F. G. Pratt. 2,105,226; Jan. 11.
Stud to be sewn, Collar. H. Lewy. 2,105,287; Jan. 11.
Sucrose octanitrate, Purification of. J. A. Wyler. 2,105,390; Jan. 11.
Sugar juices, Purification of. G. E. G. von Stietz. 2,104,959; Jan. 11.
Suit, Bathing. S. d'Achon. 2,104,943; Jan. 11.
Sundae package. F. T. Krein. 2,104,805; Jan. 11.
Support: *See*—
Breast support.
Bust support.
Insole arch support.
Support for books and the like. J. R. Isberg. 2,104,864; Jan. 11.
Support for lawn sprinklers. H. P. Troendly. 2,105,276; Jan. 11.
Supporter, Milk pail. G. E. Wiese and D. Culwell. 2,104,842; Jan. 11.
Surface of solid metal, Cleaning the. C. H. Lorig. 2,105,439; Jan. 11.
Surgical pump. H. G. Phelps. 2,105,200; Jan. 11.
Switch: *See*—
Burglar alarm switch.
Electric alarm switch.
Electric switch.
Switch construction, Electric. M. Guett and R. H. Bentley. 2,105,415; Jan. 11.
Switch for fire prevention devices for motion picture machines. E. Saelens and C. Moreau. 2,104,952; Jan. 11.
Switching device. W. Giger and C. Peter. 2,105,455; Jan. 11.
Synchronising device, Mechanical. E. Martin. 2,105,089; Jan. 11.
Synthetic compound and its production. P. Nowak and H. Hofmeier. 2,105,363; Jan. 11.
Tail device for airplanes. R. Saulnier. 2,105,374; Jan. 11.
Tank: *See*—
Portable tank.
Pressure tank.
Wooden tank.
Tape, Measuring. A. W. Keuffel. 2,105,140; Jan. 11.
Telephone system. O. I. Carpenter and B. F. Moss. 2,104,971; Jan. 11.
Telephone system. R. G. Dixon. 2,104,975; Jan. 11.
Telephone system. W. Michaelis. 2,105,001; Jan. 11.
Telephone system. N. H. Saunders. 2,105,012; Jan. 11.
Telephone transmission system. H. H. Smith. 2,105,016; Jan. 11.
Television method and apparatus. F. C. P. Henroteau. 2,104,862; Jan. 11.
Temperature control in a flotation process. A. J. Weinig. 2,105,294; Jan. 11.
Temperature control means for extrusion apparatus. W. W. Kagi and R. Gillis. 2,105,083; Jan. 11.
Temperature controller for electric flatirons, etc., Automatic. F. W. Carpenter. 2,104,970; Jan. 11.
Thread carrier device. E. F. Richter and J. E. Garrett. 2,104,815; Jan. 11.
Thread-cutter drill. F. L. Scott. 2,104,820; Jan. 11.
Tie, Four-in-hand. I. D. Wolfson. 2,105,306; Jan. 11.
Tile beam and span tile floor structure, Precast reinforced. C. T. Bridgman and H. Giese. 2,105,106; Jan. 11.
Timelock. C. A. Miller. 2,105,441; Jan. 11.
Tip. J. C. Morrow. 2,104,904; Jan. 11.
Tire cutting machine. H. J. Fleming. 2,105,316; Jan. 11.
Titanium-iron arsenates and making same, Hydrated. C. J. Kinzie and E. Wainer. 2,105,459; Jan. 11.
Tool: *See*—
Alloy steel tool.
Carbon removing tool.
Shovel or like tool.
Tool and method of use, Honing. K. W. Connor. 2,105,024; Jan. 11.
Tool handle. E. Bachtold. 2,105,239; Jan. 11.
Tool holder. W. H. Pagenkopf. 2,105,330; Jan. 11.
Tooth crown, Reenforced porcelain. A. Barrett and L. Hirschhorn. 2,105,398; Jan. 11.
Torch, Welding and cutting. C. R. Richter. 2,104,761; Jan. 11.
Torque arm and similar structural member. J. D. Soehner and H. S. Holmes. 2,105,132; Jan. 11.
Toy. C. H. Fleischer. 2,104,742; Jan. 11.
Traffic control system. A. P. B. Renshaw. 2,105,443; Jan. 11.
Trailer. A. D. Carpenter. 2,104,734; Jan. 11.
Trailer. G. Horsfield. 2,105,246; Jan. 11.
Tree loading and unloading mechanism. C. F. Irish. 2,105,353; Jan. 11.
Trimming apparatus. J. C. Smith. 2,105,131; Jan. 11.
Trimming attachment for sewing machines. M. Feil. 2,105,032; Jan. 11.
Trimming machine. F. M. Card. 2,105,347; Jan. 11.
Truck, Warehouse. W. A. Berg. 2,105,210; Jan. 11.
Tube: *See*—
Electron tube.
Tube and circuit, Amplifying. G. Jobst and E. Klotz. 2,105,081; Jan. 11.
Tube and making same, High pressure. B. L. Quarnstrom. 2,104,884; Jan. 11.
Tubes, Apparatus for manufacturing cellulose coated and impregnated fibrous. J. P. Smith. 2,105,273; Jan. 11.
Tubes, Device for expressing contents from collapsible. C. Stanton. 2,104,954; Jan. 11.
Tubing, Protected. H. J. Little. 2,105,124; Jan. 11.
Tuned oscillator circuit. B. J. Thompson. 2,104,915; Jan. 11.
Umbrella. A. E. Pollock. 2,105,225; Jan. 11.
Umbrella cover. F. Voelker. 2,105,172; Jan. 11.
Vacuum breaking device for preventing back siphonage in water systems. E. J. Kocour. 2,105,044; Jan. 11.
Vacuum tube circuit. H. A. Affel. 2,104,844; Jan. 11.
Vacuum wheel. R. E. McLemore. 2,104,881; Jan. 11.
Valve: *See*—
Butterfly valve.
Relief valve.
Valve. H. S. Cover. 2,105,183; Jan. 11.
Valve. C. M. Dolby. 2,105,282; Jan. 11.
Valve bag. D. E. Scott. 2,105,376; Jan. 11.
Valve construction, Lubricator. J. C. Morrow. 2,104,903; Jan. 11.
Valve for a four-stroke opposed piston engine, Sleeve. E. Schmid. 2,105,272; Jan. 11.
Valve for heating apparatus. L. W. Eggleston. 2,105,453; Jan. 11.
Vehicle: *See*—
Motor vehicle.
Vehicle. R. Laborda. 2,105,085; Jan. 11.
Vehicle head lamp. W. Honing. 2,105,419; Jan. 11.
Vehicle seat. E. O. Schjolin. 2,104,818; Jan. 11.
Vehicle with variable propulsion, Motor. A. Kégresse. 2,105,042; Jan. 11.
Veneered door. G. L. Gilkey. 2,105,187; Jan. 11.
Vibrating endless screen. S. M. Akeyson. 2,104,785; Jan. 11.
Wall and ceiling partition tie. D. McNamara. 2,105,327; Jan. 11.
Wall hook. E. H., F. E. B., and C. Tate. 2,105,061-2; Jan. 11.

Warp feed for wire weaving looms. H. L. Thompson. 2,105,102; Jan. 11.
Waste for journal box use, Apparatus for and the method of treating fibrous. E. S. Pearce. 2,105,094; Jan. 11.
Water heater. L. B. Weymouth. 2,104,918; Jan. 11.
Water power, Verticle drop. A. G. Grondahl. 2,104,984; Jan. 11.
Water purification. O. M. Urbain. 2,105,277; Jan. 11.
Water softener and softening water. H. M. Haagenson. 2,104,986; Jan. 11.
Waving appliance, Permanent. M. Arnold. 2,105,069; Jan. 11.
Weather stripping. N. C. Schlegel. 2,105,164; Jan. 11.
Web registering mechanism. J. Degnan. 2,105,185; Jan. 11.
Welding apparatus. J. L. Jones. 2,104,749-50; Jan. 11.
Well drilling rig. C. W. MacKay. 2,105,091; Jan. 11.
Wetting and dispersing agents and making the same. H. Bertsch and H. Stober. 2,104,723; Jan. 11.
Wharve for spindles for spinning, twisting, winding, and similar machines. C. Schleifer. 2,105,271; Jan. 11.
Wheel: *See*—
Skate wheel.
Vacuum wheel.
Wheel. F. C. Frank. 2,105,317; Jan. 11.
Wheel and making same, Buffing. R. A. Goodman. 2,104,925; Jan. 11.
Wheel and spring suspension, Vehicle. J. Tjaarda. 2,105,171; Jan. 11.
Wheel suspension, Independent. F. E. Clemons. 2,104,736; Jan. 11.
Wicket, Barrier. J. Soderholm. 2,105,204; Jan. 11.
Window structure, Car. S. E. Blessin. 2,105,180; Jan. 11.
Wiper blade, Windshield. T. R. Walton. 2,105,021; Jan. 11.
Wire connecter. L. H. Church. 2,105,182; Jan. 11.
Wire connecter. F. G. Ridgers. 2,105,120; Jan. 11.
Wire stitching machine. W. A. Pratt. 2,105,372; Jan. 11.
Wooden tank. J. P. Walker. 2,104,961; Jan. 11.
Woven fabric. H. B. Jackson. 2,105,190; Jan. 11.
Wrapper for necktie sets, Inspection. O. Markowitz. 2,104,999; Jan. 11.
Wrapper or label for toilet packages. P. D. Parsons. 2,105,367; Jan. 11.
Wrapping machine. C. H. Petskeyes. 2,105,159; Jan. 11.
Wrench. L. E. Hagbo. 2,105,244; Jan. 11.
Yarn, Device for twisting. L. J. O'Dowd. 2,104,809; Jan. 11.
Yarn from artificial staple fibers and making same, Spun. C. Dreyfus. 2,104,798; Jan. 11.
Yarn, Twisting. L. J. O'Dowd. 2,104,810; Jan. 11.
Yarns, Apparatus for humidifying textile. T. and P. J. Lydon. 2,105,088; Jan. 11.
Yarns from continuous filaments, Operation for the production of staple fiber. H. and W. I. Taylor. 2,104,827; Jan. 11.
Yellow stain in photographic preparations and regulation of the halogen content thereof, Preventing. A. Steigmann. 2,105,274; Jan. 11.
Zinc oxide, Manufacture of. R. Allavena. 2,105,394; Jan. 11.

CLASSIFICATION OF PATENTS

ISSUED JANUARY 11, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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50: 2,104,989
68: 2,105,217
128— 23: 2,104,745
2,104,764
96: 2,104,788
205: 2,104,988
273: 2,105,200
129— 7: 2,105,283
24: 2,105,285
28: 2,105,234
131— 12: 2,104,777
2,105,151
59: 2,105,157
133— 33: 2,105,099
36: 2,104,997
38: 2,105,371
47: 2,105,436
134— 56: 2,105,413
79: 2,105,155
135— 30: 2,105,236
33: 2,105,172
136— 179: 2,104,973
137— 53: 2,104,994
104: 2,105,214
111: 2,105,044
139: 2,105,488
138— 32: 2,105,235
70: 2,105,134
140— 102: 2,105,102
149: 2,105,490
159: 2,104,882
418: 2,105,190
145— 2,105,385
2,105,386
143— 43: 2,105,080
148— 3: 2,105,048
4: 2,105,015
2,105,439
12: 2,105,426
21.7: 2,105,220
146— 6: 2,105,446
150— 1.6: 2,104,985
151— 10: 2,105,401
153— 25: 2,105,289
28: 2,105,240
32: 2,105,075
60.5: 2,104,993
154— 45.9: 2,105,268
49: 2,104,941
155— 28: 2,104,880
155— 179: 2,104,818
156— 15: 2,105,409
17: 2,104,907
2,105,083
158— 27.4: 2,104,761
115: 2,105,244
164— 28: 2,105,083
47: 2,105,347
51: 2,105,402
56: 2,105,215
166— 14: 2,104,808
19: 2,104,942
167— 43: 2,104,757
53: 2,105,297
168— 14: 2,105,342
171— 97: 2,105,194
324: 2,104,721
325: 2,105,088
327: 2,105,011
172— 280: 2,104,972
2,105,804
270: 2,105,008
173— 13: 2,104,824
263: 2,105,129
294: 2,105,082
266: 2,105,080
2,105,103
269: Re.20,618
308: 2,105,152
321: 2,105,112
322: 2,104,708
343: 2,104,945
175— 21: 2,105,070
2,105,082
182: 2,104,743
2,104,752
2,105,247
264: 2,104,800
318: 2,104,732
2,104,733
2,104,797
176— 16: 2,105,430
28: 2,105,419
32: 2,105,404
138: 2,105,138
177— 327: 2,104,911
2,104,982
330: 2,104,723
2,105,208
336: 2,105,073
337: 2,105,443
178— 7.2: 2,104,802
44: 2,104,702
66: 2,105,305
70: 2,105,178
179— 1: 2,104,811
2,105,410
8: 2,104,803
15: 2,105,016
18: 2,104,973
2,105,001
28: 2,105,012
27: 2,104,971
100.2: 2,105,318
100.41: 2,105,167
110: 2,105,010
171: 2,105,881
2,105,206
180— 9.1: 2,105,042
54: 2,105,183
68: 2,104,728
68.5: 2,104,765
2,104,768
2,104,767
2,104,768
2,104,769
2,104,770

199—	69.5:	2,104,771	201—	64:	2,105,166	220—	57:	2,105,451	240—	7.7:	2,105,137
		2,104,772	202—	35:	2,105,156		71:	2,105,302		7.35:	2,105,447
		2,104,773		256:	Re.20,619		83:	2,104,938		10.61:	2,104,686
	73:	2,105,260		168:	2,104,991		85:	2,105,027		27:	2,105,262
123—	2.5:	2,104,759			2,104,992	221—	23:	2,104,744	242—	43:	2,105,140
124—	6:	2,104,720	204—	4:	2,104,812		26:	2,104,843		58:	2,104,774
125—	9:	2,105,208		6:	2,105,440		47.3:	2,105,039		74:	2,104,746
	10:	2,105,288		9:	2,105,436		51:	2,104,903			2,105,286
	78:	2,105,323	206—	4:	2,105,282			2,104,905	244—	46:	2,105,207
	79.5:	2,105,207		7:	2,104,999		60:	2,104,954		109:	2,105,274
	152:	2,105,046		29:	2,105,141			2,105,118		145:	2,104,988
		2,105,198		33:	2,105,425		62:	2,104,806		155:	2,105,129
	196:	2,105,280		56:	2,105,022			2,104,827	246—	29:	2,105,220
	197:	2,104,787			2,105,424		66:	2,105,261		43:	2,104,134
	213:	2,104,923		59:	2,105,288		74:	2,105,169	247—	2:	2,104,840
	264:	2,105,176		60:	2,105,060		76:	2,105,270			2,104,906
126—	64:	2,105,180		65:	2,105,313		78:	2,104,980		19:	2,104,420
	85:	2,105,345		79:	2,105,062		118:	2,104,980	249—	57:	2,105,276
192—	01:	2,104,731	207—	18:	2,105,055		147:	2,105,202		201:	2,104,831
	02:	2,104,989	208—	44:	2,104,922		148:	2,105,023		217:	2,105,061
		2,105,189		156:	2,105,101	223—	16:	2,105,131	250—	30:	2,104,788
	04:	2,105,289			2,105,128		26:	2,105,130		37:	2,104,944
193—	35:	2,104,142		168:	2,105,285		25:	2,105,047			2,104,951
194—	76:	2,105,286		167:	2,105,304	224—	46:	2,104,819		37.5:	2,104,784
196—	4:	2,104,793		208:	2,104,735	225—	1:	2,105,339			2,104,816
		2,104,794	210—	2:	2,105,277		22:	2,105,051			2,104,817
		2,104,795		24:	2,104,986	229—	3.5:	2,105,109			2,104,825
	18:	Re.20,623		42:	2,104,978		16:	2,105,163			2,104,824
	36:	2,104,791		72:	2,105,059		15:	2,104,826			2,105,086
	38:	2,105,123		131:	2,105,126		29:	2,104,909		36:	2,104,801
	66:	2,105,191	211—	43:	2,104,804			2,105,181			2,104,946
	180:	2,104,919	213—	4:	2,104,846		33:	2,105,057			2,104,966
195—	188:	2,105,279			2,104,867		37:	2,105,025			2,104,177
196—	28:	2,105,084			2,104,865			2,105,243		40:	2,104,915
198—	20:	2,104,880	214—	3:	2,105,353		49:	2,105,179	251—	10:	2,104,822
200—	04:	2,105,304		65.5:	2,105,210			2,105,373		11:	2,104,943
	52:	2,104,923		70:	2,105,259		62.5:	2,105,376		96:	2,104,821
		2,105,288	215—	11:	2,105,179		69:	Re.20,615		110:	2,104,163
	84:	2,105,009		97:	2,105,031		87:	2,105,307	252—	1:	2,104,778
	92:	2,104,814	217—	97:	2,104,881		87.5:	2,104,990			2,104,406
		2,105,440	219—	4:	2,104,740	230—	97:	2,104,958			2,104,497
	114:	2,104,983		8:	2,104,780		273:	2,105,315	253—	21:	2,104,984
	117:	2,104,889			2,105,079	232—	1:	2,104,442	254—	166:	2,104,780
	126:	2,104,880		11:	2,105,105	235—	61.6:	2,105,291	255—	4:	2,105,091
	137:	2,104,888		26:	2,104,970		98:	2,105,255		71:	2,104,810
	140:	2,105,132			2,105,229		100:	2,105,885			2,104,820
	144:	2,105,415		28:	2,104,940	236—	16:	2,104,853			2,104,821
204—	46:	2,104,868	220—	27:	2,105,445	237—	12.3:	2,105,193			2,104,822
	66:	2,105,303		51:	2,104,978	239—	288:	2,104,856			2,104,823

257—	1:	2,104,851	277—	4:	2,105,196
	2:	2,104,974	279—	9:	2,105,230
		2,105,433	280—	23:	2,105,360
	46:	2,105,121		33.44:	2,104,734
	137:	2,104,813		109:	2,105,144
	164:	2,104,804		112:	2,105,434
	248:	2,105,267		124:	2,104,736
260—	81:	2,105,213			2,105,246
260—	2:	2,104,760		152:	2,105,397
		2,105,261		251:	2,105,035
	7:	2,104,820	281—	31:	2,105,232
	11:	2,104,733		34:	2,105,041
	25:	2,104,729	282—	12:	2,105,448
	41:	2,104,737			2,105,449
	44:	2,104,855		28:	2,104,983
		2,104,901	285—	111:	2,105,405
	61:	2,104,920		135:	2,105,022
	98.12:	2,104,732		157:	2,104,799
	102:	2,104,949		161:	2,104,904
		2,105,282	286—	7:	2,105,428
	105:	2,104,733	292—	1:	2,104,836
	109:	2,104,988		76:	2,105,414
	130.8:	2,104,982		264:	Re.20,616
		2,105,221	294—	68:	2,105,027
	143:	2,105,289		90:	2,105,077
	145:	2,104,797		91:	2,105,076
		2,104,980		92:	2,105,340
		2,105,360		97:	2,105,288
296—	107:	2,105,283		137:	2,104,989
	171:	2,104,988	299—	97:	2,105,283
261—	76:	2,105,264		98:	2,105,703
	78:	2,105,289		167:	2,105,134
	118:	2,104,803	300—	2:	2,105,284
262—	42:	2,105,004	301—	8:	2,105,317
264—	14:	2,105,188	304—	18:	2,104,957
265—	1:	Re.20,620		24:	2,104,982
	1.4:	2,105,148	308—	181:	2,105,120
	71:	2,105,219		191:	2,105,254
267—	19:	2,105,171		217:	2,105,013
	69:	2,104,122	309—	14:	2,104,998
271—	37:	2,104,883	312—	60:	2,105,133
		2,104,989		167:	2,104,912
	53:	2,104,720		112:	2,105,135
	61:	2,105,188		181:	2,104,999
272—	37:	2,104,927			
273—	52:	2,105,045			
	98:	2,105,279			
	142:	2,104,740			
	146:	2,105,268			
274—	5:	Re.20,621			

U. S. GOVERNMENT PRINTING OFFICE: 1936

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Advox International, Inc., Los Angeles, Calif. Advertising machines. Serial No. 393,031; Jan. 18. Class 36.

Aluminum Company of America, Pittsburgh, Pa. Aluminum and its alloys in cast or wrought form. Serial No. 399,948; Jan. 18. Class 14.

Anaconda Wire & Cable Company, New York, N. Y. Insulated electrical wire and cable. Serial Nos. 399,878–80; Jan. 18. Class 21.

Arden, Elizabeth, Inc., New York, N. Y. Face creams. Serial No. 399,064; Jan. 18. Class 6.

Arden, Elizabeth, Inc., New York, N. Y. Perfumes. Serial Nos. 398,696–9; Jan. 18. Class 6.

Arden, Elizabeth, Inc., New York, N. Y. Eyelash grower. Serial No. 399,700; Jan. 18. Class 6.

Arnaldo, Bruni, Corsena, N. Y. Preparation for treating burns, scalds, abrasions, etc. Serial No. 399,546; Jan. 18. Class 6.

Astor Exterminating Company, Boston, Mass. Insecticides, vermicides, rat poisons, etc. Serial No. 398,832; Jan. 18. Class 6.

Baker & Company, Inc., Newark, N. J. Dental casting alloy. Serial No. 398,787; Jan. 18. Class 44.

Bamberger, L., & Co., Newark, N. J. Wines. Serial No. 399,163; Jan. 18. Class 47.

Barker Bros., Incorporated, Los Angeles, Calif. Furniture. Serial No. 399,633; Jan. 18. Class 32.

Baro Laboratories. (See Kennedy, Florence B.)

Barone, Tony, doing business as Laboratory Products Company, Detroit, Mich. Medicinal tablets. Serial No. 398,574; Jan. 18. Class 6.

Baroody, Florence E., doing business as Baro Laboratories, Buffalo, N. Y. Germicide. Serial No. 398,906; Jan. 18. Class 6.

Beck, Koller & Co., Inc., Detroit and Nardale Station, Detroit, Mich. Synthetic resin for use in the industrial arts. Serial No. 399,287; Jan. 18. Class 1.

Beck, Koller & Co., Inc., Detroit, Mich. Oils. Serial No. 399,083; Jan. 18. Class 6.

Beggs Brothers, Inc., New York, N. Y. Especially prepared and compounded preparation containing pitch and used for flavoring lager beer. Serial No. 394,971; Jan. 18. Class 1.

Bichl, Cearod F., San Francisco, Calif. Motorcycles. Serial No. 394,693; Jan. 18. Class 19.

Borden Company, The, New York, N. Y. Lactoplasm supplement, a flavin produced from milk. Serial No. 399,745; Jan. 18. Class 46.

Bostwick-Goodell Company, The, Norwalk, Ohio. Venetian blinds. Serial No. 391,414; Jan. 18. Class 32.

Bousquet & Le Bel Advertising Pictures Co., Worcester, Mass. Newspaper and magazine ads, etc. Serial No. 398,497; Jan. 18. Class 36.

Burk, P. J., & Sons, Asteria, Oreg. Canned vegetables. Serial No. 399,644; Jan. 18. Class 46.

Burnman, Albert J., Kansas City, Mo. All purpose cleaning powder. Serial No. 399,269; Jan. 18. Class 4.

California Fig Growers and Packers, Inc., Fresno, Calif. Dried figs. Serial No. 399,558; Jan. 18. Class 46.

Cameron and Company, Incorporated, Napa, Calif. Shirts, breeze jackets, coats, etc. Serial No. 398,618; Jan. 18. Class 39.

Caccese, Joseph, Brooklyn, N. Y. Indian. Serial No. 398,310; Jan. 18. Class 6.

Chisholm-Ryder Co., Inc., Niagara Falls, N. Y. Folding camp tables. Serial No. 398,556; Jan. 18. Class 32.

Clematis Laboratories Inc., Waltham, Mass. Internal medicine. Serial No. 399,127; Jan. 18. Class 6.

Color Laboratories, Inc., New York, N. Y. Instruments for measuring the transmission of light through films. Serial No. 398,557; Jan. 18. Class 24.

Dobeckmun Company, The, Cleveland, Ohio. Wrappers. Serial No. 385,251; Jan. 18. Class 37.

Eastman Manufacturing Company, Long Beach, Calif. Oil well survey apparatus and recorder. Serial No. 399,996; Jan. 18. Class 26.

Electro-Motive Corporation, La Grange, Ill. Diesel electric locomotives and parts thereof. Serial No. 398,449; Jan. 18. Class 21.

Eureka Feed Mills. (See Wilson, John M.)

Evans Products Company, Detroit, Mich. Venetian blinds. Serial No. 400,060; Jan. 18. Class 32.

Federated Foods, Inc., Chicago, Ill. Complexion soap. Serial No. 399,926; Jan. 18. Class 4.

Finger Lakes and Hudson Flour Mills, Inc., Troy and Geneva, N. Y. Short patent bleached wheat flour. Serial No. 397,705; Jan. 18. Class 46.

Fleming Manufacturing Company, East Providence, R. I. Oil filters, and parts for said filters. Serial No. 398,311; Jan. 18. Class 23.

Frankfort Distilleries, Incorporated, Louisville, Ky. Whiskey. Serial No. 400,720; Jan. 18. Class 49.

Funk Bros. Seed Co., Incorporated, Bloomington, Ill. Seed corn. Serial No. 400,097; Jan. 18. Class 1.

Fry Products, Inc., Detroit, Mich. Furniture slip covers. Serial No. 398,571; Jan. 18. Class 32.

Gatke Corporation, Chicago, Ill. Moulded brake linings. Serial No. 400,758; Jan. 18. Class 35.

General Dry Batteries, Inc., Cleveland, Ohio. Electric batteries. Serial Nos. 398,960–1; Jan. 18. Class 21.

General Dry Batteries, Inc., Cleveland, Ohio. Electric batteries. Serial Nos. 398,963–4; Jan. 18. Class 21.

General Tire & Rubber Company, The, Akron, Ohio. Pneumatic tires. Serial No. 378,885; Jan. 18. Class 35.

General Tire & Rubber Company, The, Akron, Ohio. Pneumatic tires. Serial No. 378,887; Jan. 18. Class 35.

Gibson, Guy T., Inc., New York, N. Y. Perfumes. Serial No. 398,279; Jan. 18. Class 6.

Gilbert & Barker Manufacturing Company, West Springfield, Mass. Oil burners, water heaters, etc. Serial Nos. 398,770–1; Jan. 18. Class 34.

Gleason Works, The, Rochester, N. Y. Gears. Serial No. 399,887; Jan. 18. Class 22.

Glidden Company, The, Cleveland, Ohio. Soybean flour. Serial Nos. 399,658–9; Jan. 18. Class 46.

Goederham & Worts Limited, Detroit, Mich., and Peoria, Ill. Whiskey. Serial No. 400,761; Jan. 18. Class 49.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Belts and especially joints therefor. Serial No. 397,406; Jan. 18. Class 35.

Gotteman and Company, Incorporated, New York, N. Y. Wood pulp. Serial No. 399,797; Jan. 18. Class 1.

Gotteman and Company, Incorporated, New York, N. Y. Wood pulp. Serial No. 399,822; Jan. 18. Class 1.

Graf Co., Union City, N. J. Bedspreads. Serial No. 398,895; Jan. 18. Class 42.

Graham, Clifford S., Columbus, Ohio. Medicinal salve. Serial No. 398,890; Jan. 18. Class 6.

Grauman, William M., West Los Angeles, Calif. Card table holders. Serial No. 398,433; Jan. 18. Class 32.

Greco-Sydney Inc., New York, N. Y. Piece goods. Serial No. 399,941; Jan. 18. Class 42.

Haftel, Louis A., doing business as La Tel Shirt Company, Philadelphia, Pa. Shirts and pajamas. Serial No. 400,054; Jan. 18. Class 39.

Hall, Laura L., doing business as Laura Lee, San Francisco, Calif. Beauty preparations. Serial No. 398,171; Jan. 18. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Pluriglandular preparations. Serial No. 398,725; Jan. 18. Class 6.

Hearah Brothers, Los Angeles, Calif. Oranges, lemons, and grapefruit. Serial No. 400,008; Jan. 18. Class 46.

Hinds, O. L., Company, The, Burlington, Vt. Snow suits, ski suits, sport coats, etc. Serial No. 399,929; Jan. 18. Class 39.

House, Jacob, & Sons, Buffalo, N. Y. Root beer and other carbonated beverages, syrups, extracts, etc. therefor. Serial No. 399,970; Jan. 18. Class 45.

Hudson, J. L., Company, The, Detroit, Mich. Shoes. Serial No. 398,435; Jan. 18. Class 39.

Ingalls Iron Works Co., The, Birmingham, Ala. Steel sheets, plates, and shapes. Serial No. 399,712; Jan. 18. Class 12.

International Combustion Limited, London, England. Pumps. Serial No. 398,045; Jan. 18. Class 23.

International Silver Company, Meriden, Conn. Flat-ware and hollow-ware. Serial No. 400,012; Jan. 18. Class 28.

International Tobacco Company of America Incorporated, Louisville, Ky. Cigarettes. Serial No. 400,106; Jan. 18. Class 17.

Irwindale Citrus Association, Irwindale, Calif. Fresh citrus fruit. Serial No. 400,164; Jan. 18. Class 46.

Jockers and Son, Wichita, Kans. Healing salve and antiseptic. Serial No. 399,190; Jan. 18. Class 6.

Jordan, William H., doing business as The Nitrocel Company, Washington, D. C. Chemical preparation. Serial No. 400,545; Jan. 18. Class 6.

Kaco Tool Co. (See Kates, Herbert.)

Kantorowicz & Co., Breslau, Germany. Glue. Serial No. 398,573; Jan. 18. Class 5.

Kates, Herbert, doing business as Kaco Tool Co., Philadelphia, Pa. Vises, tool chests, and lathe chucks. Serial No. 399,217; Jan. 18. Class 23.

Kees Manufacturing Co., Inc., New York, N. Y. Automobile parts. Serial No. 398,060; Jan. 18. Class 21.

Keystone Bloomer Co., Inc., Brooklyn, N. Y. Underwear. Serial No. 400,236; Jan. 18. Class 39.

Knowles, Joseph A., doing business as The Rhumav Company, Sheffield, England. Medicated herbal tablets. Serial No. 398,206; Jan. 18. Class 6.

Laatikainen, Jacob, Red Lodge, Mont. Liniment. Serial No. 399,143; Jan. 18. Class 6.

Laboratory Products Company. (See Barone, Tony.)

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

La Favorite Rubber Manufacturing Co., Hawthorne, N. J. Caps glass washers, packing, valves, etc. Serial No. 397,760; Jan. 18. Class 35.

Laskin, J., Sons Corporation, New York, N. Y. Fur skins. Serial No. 398,776; Jan. 18. Class 1.

La Tel Shirt Company. (See Haftel, Louis A.)

Lee, Laura. (See Hall, Laura L.)

Leonard, Bateman, Miami, Fla. General tonic. Serial No. 398,906; Jan. 18. Class 6.

Leonhardt, Dr., Company, Buffalo, N. Y. Proprietary medicine. Serial No. 399,840; Jan. 18. Class 6.

Lerner Blouse Co., New York, N. Y. Ladies' blouses, shirtwaists, waists, and shirts. Serial No. 399,972; Jan. 18. Class 39.

Lichtig, B., & Son, Inc., Oakland, Calif. Waterproofed fabrics. Serial No. 386,130; Jan. 18. Class 50.

Lightning Chemical Company. (See Missler, Charles M.)

Lewis, G. B., Company, Watertown, Wis. Venetian blind slats. Serial No. 399,051; Jan. 18. Class 32.

Lilly, Chas. H., Co., The, Seattle, Wash. Oats. Serial No. 396,232; Jan. 18. Class 46.

Loebbaugh-Jordan Tool & Machine Co., Elkhart, Ind. Presses. Serial No. 399,669; Jan. 18. Class 23.

Lubin-Weaker Co., Inc., New York, N. Y. Men's pajamas. Serial No. 399,146; Jan. 18. Class 39.

Luhnow, Walter F., Portland, Oreg. Collapsible camping lodge for attachment to an automobile. Serial No. 394,130; Jan. 18. Class 19.

Lybarger, John H., Anderson, Ind. Preparation for scalp and interallied treatments. Serial No. 399,095; Jan. 18. Class 6.

Lye & Sons Limited, Luton, England. Partly prepared straw and chip. Serial No. 399,614; Jan. 18. Class 1.

Lynch, Josephine A., Los Angeles, Calif. Mirrors. Serial No. 390,963; Jan. 18. Class 32.

Marshall, C. & E., Co., Chicago, Ill. Watch crystals. Serial No. 396,687; Jan. 18. Class 33.

Martins' Ec-Ze-Mol Laboratories, Inc., Blacksburg, Va. Ointment. Serial No. 398,478; Jan. 18. Class 6.

Maryan Hat Company, Inc., New York, N. Y. Hats for women and children. Serial No. 397,673; Jan. 18. Class 39.

May Hosiery Mills, Inc., Burlington, N. C. Hosiery. Serial No. 399,843; Jan. 18. Class 39.

Mase Company, The, Troy, Ala. Medicinal soothing ointment. Serial No. 396,927; Jan. 18. Class 6.

McKesson & Robbins, Incorporated, Fairfield, Conn. Whiskey. Serial No. 395,585; Jan. 18. Class 49.

Medici, Hermanos, Montevideo, Uruguay. Sulphur. Serial No. 397,340; Jan. 18. Class 6.

Meier & Frank Company, Inc., Portland, Oreg. Furniture Serial No. 397,550; Jan. 18. Class 32.

Milgrim Manufacturing Co., Philadelphia, Pa. Women's pajamas and night gowns. Serial No. 392,546; Jan. 18. Class 39.

Minall Laboratories Incorporated, Pasadena, Calif. Blood tonic, suppositories, nose drops, etc. Serial No. 397,341; Jan. 18. Class 6.

Missler, Charles M., doing business as Lightning Chemical Company, Raynor Heights, Md. Cleaner for toilet bowls and urinals. Serial No. 399,847; Jan. 18. Class 4.

Montgomery, H. A., Company, Inc., The, Detroit, Mich. Cleaning fluids. Serial No. 399,848; Jan. 18. Class 4.

Montgomery, H. A., Company, Inc., The, Detroit, Mich. Cleaning compounds. Serial No. 399,849; Jan. 18. Class 4.

Montgomery, H. A., Company, Inc., The, Detroit, Mich. Antiseptic hand creams. Serial No. 399,850; Jan. 18. Class 6.

Myco Products Company, Chicago, Ill. Mechanical flue cleaner for fire tube boilers. Serial No. 399,772; Jan. 18. Class 23.

Nassoer Bros. Inc. Ltd., Los Angeles, Calif. After shave powder and lotion, shampoos, and colognes. Serial No. 395,079; Jan. 18. Class 6.

National Co-Operatives, Inc., Indianapolis, Ind. Electric razors. Serial No. 399,672; Jan. 18. Class 23.

National Feather & Down Co. Inc., Brooklyn, N. Y. Pillows and cushions. Serial No. 377,990; Jan. 18. Class 32.

National Meter Company, Brooklyn, N. Y. Apparatus for measuring and automatically stopping the flow of a fluid. Serial No. 398,784; Jan. 18. Class 26.

Newark Paraffine & Parchment Paper Co., Newark, N. J. Waxed paper, wrapping paper, and transparent paper. Serial No. 400,243; Jan. 18. Class 37.

New England Fish Company, Seattle, Wash. Canned fish. Serial No. 400,066; Jan. 18. Class 46.

Nitrocol Company, The. (See Jordan, William H.)

Ohio Match Company, The, Wadsworth, Ohio. Razor blades. Serial No. 396,928; Jan. 18. Class 23.

Oldetyme Distillers, Inc., New York, N. Y. Pouring spouts. Serial No. 399,512; Jan. 18. Class 13.

Pabst-Ett Corporation, Chicago, Ill. Cheese. Serial No. 399,725; Jan. 18. Class 46.

Paragon Knitting Mills, Philadelphia, Pa. Knitted sweaters. Serial No. 400,203; Jan. 18. Class 39.

Pass & Seymour, Inc., Solvay, N. Y. Wall plates for electric wiring devices. Serial Nos. 396,256–8; Jan. 18. Class 21.

Perfect Circle Company, The, Hagerstown, Ind. Piston rings. Serial No. 400,326; Jan. 18. Class 35.

Pervel Corporation, New York, N. Y. Cellulose fabric made up into dental bibs, dental chair head rest covers, etc. Serial No. 399,325; Jan. 18. Class 44.

Plaskon Company, Incorporated, Toledo, Ohio. Resin glue adhesives. Serial No. 399,695; Jan. 18. Class 6.

Prest-O-Lite Storage Battery Corporation, Indianapolis, Ind. Storage batteries and parts therefor. Serial No. 399,896; Jan. 18. Class 21.

Rhumuv Company, The. (See Knowles, Joseph A.)

Royal Metal Manufacturing Company, Chicago, Ill. Upholstered cushions. Serial No. 388,603; Jan. 18. Class 32.

Sandy Valley Grocery Company, Inc., Ashland, Ky. Coffee. Serial No. 399,860; Jan. 18. Class 46.

Schieren, Chas. A., Company, New York, N. Y. Leather belting, pump packing, valve disks, etc. Serial No. 399,574; Jan. 18. Class 35.

Seaboard Lemon Assn., Oxnard, Calif. Fresh citrus fruits. Serial No. 394,281; Jan. 18. Class 46.

Select Sportswear, Inc., New York, N. Y. Knitted sport sweaters and two piece knitted dresses. Serial No. 400,130; Jan. 18. Class 39.

Sharpe & Dohme, Incorporated, Philadelphia, Pa. Vitamin containing dietary factors. Serial No. 398,691; Jan. 18. Class 6.

Sharpe & Dohme, Incorporated, Philadelphia, Pa. Saline tablet. Serial No. 395,724; Jan. 18. Class 6.

Smith Laboratories Corporation, The, Kansas City, Mo. Vaginal jelly. Serial No. 398,442; Jan. 18. Class 6.

Spencer Turbine Company, The, Hartford, Conn. Vacuum cleaning apparatus. Serial No. 390,475; Jan. 18. Class 23.

Steuart, Son & Company, Inc., Baltimore, Md. Table syrup. Serial No. 398,944; Jan. 18. Class 46.

Stewartstown Furniture Company, Stewartstown, Pa. Furniture. Serial No. 397,523; Jan. 18. Class 32.

Stewart-Warner Corporation, Chicago, Ill. Automobile heaters. Serial No. 392,338; Jan. 18. Class 34.

Stritzmann Biscuit Company, The, Cincinnati, Ohio. Cookies. Serial No. 395,321; Jan. 18. Class 46.

Strömstad Canning Co. A/B, Varvet, Stromstad, Sweden. Sardines. Serial No. 394,283; Jan. 18. Class 46.

Superb Glove Co., The, Johnstown, N. Y. Ladies' leather gloves. Serial Nos. 399,022–3; Jan. 18. Class 39.

Todd, John N., St. Paul, Minn. Blank records. Serial No. 398,831; Jan. 18. Class 37.

U. S. Malt Company, Brooklyn, N. Y. Mellomalt. Serial No. 396,279; Jan. 18. Class 46.

Van Raalte Company, New York, N. Y. Fabric gloves. Serial No. 399,261; Jan. 18. Class 39.

Vitalic Battery Co., Inc., Dallas, Tex. Electrical storage batteries. Serial Nos. 398,296–9; Jan. 18. Class 21.

Volcocite Corporation, Philadelphia, Pa. Dry powdered material having cleansing and deodorant properties. Serial No. 399,946; Jan. 18. Class 4.

Walker, Hiram, & Sons Inc., Peoria, Ill. Whiskey. Serial No. 400,577; Jan. 18. Class 49.

Waples Platter Company, Fort Worth, Tex. Canned fruits, vegetables, soups, etc. Serial No. 400,145; Jan. 18. Class 46.

Werk, M., Company, The, St. Bernard, Ohio. Cleaning compound for general household use. Serial No. 398,507; Jan. 18. Class 4.

West of Scotland Home Industries, Girvan, Scotland. Hand woven tweeds. Serial No. 399,261; Jan. 18. Class 42.

Wilson, John M., doing business as Eureka Feed Mills, Meridian, Miss. Horse and mule feed, dairy feed, egg mash, etc. Serial No. 396,510; Jan. 18. Class 46.

Winton Engine Manufacturing Corporation, Cleveland, Ohio. Diesel engines and parts thereof. Serial No. 393,788; Jan. 18. Class 23.

LIST OF REGISTRANTS OF TRADE-MARKS

A. P. W. Paper Company, Inc., Albany, N. Y. Toilet tissue. 352,740; Jan. 18; Serial No. 390,111; published May 18, 1937. Class 37.

Abt and Lewis, Inc., New York, N. Y. Tablets for making broth or bouillon. 353,826; Jan. 18; Serial No. 396,697; published Nov. 9, 1937. Class 46.

Adelson, Joseph, & Sons, New York, N. Y. Women's undergarments. 353,771; Jan. 18; Serial No. 394,736; published Nov. 2, 1937. Class 39.

Allied Stores Corporation, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Clothing. 353,777; Jan. 18; Serial No. 395,007; published Oct. 26, 1937. Class 39.

American Crayon Company, The, Sandusky, Ohio. Poster paints. 353,838; Jan. 18; Serial No. 396,730; published Nov. 9, 1937. Class 16.

American Latex Corporation, New York, N. Y. Baby pants. 353,745; Jan. 18; Serial No. 391,603; published Nov. 9, 1937. Class 39.

American Rolling Mill Company, The, Middletown, Ohio. Galvanized iron and steel sheets. 353,874; Jan. 18; Serial No. 397,743; published Nov. 9, 1937. Class 14.

Anchor Stove & Range Company, New Albany, Ind. Coal stoves. 353,812; Jan. 18; Serial No. 396,430; published Nov. 9, 1937. Class 34.

Atlas Distilled Products, Inc., Chicago, Ill. Whiskeys. 353,756; Jan. 18; Serial No. 398,943; published Nov. 9, 1937. Class 49.

Atlas Powder Company, Wilmington, Del. Coated fabrics. 353,880; Jan. 18; Serial No. 397,895; published Nov. 9, 1937. Class 50.

Automatic Food Equipment Inc., Boston and Somerville, Mass. Temperature controlled frying kettles and pans. 353,892; Jan. 18. Class 13.

Ballif Distributing Company, Portland, Oreg. Wine. 353,720; Jan. 18; Serial No. 389,896; published Nov. 9, 1937. Class 47.

Barber, L. B., doing business as Vivian Manufacturing Company, St. Louis, Mo. Ice delivery bags. 353,876; Jan. 18; Serial No. 397,765; published Nov. 9, 1937. Class 2.

Bardstown Distillery, Inc., Bardstown, Ky. Whiskey. 353,902; Jan. 18. Class 49.

Barfield, David E., doing business as Barfield's, Evansville, Ind. Pants, suits, overcoats, etc. 353,741; Jan. 18; Serial No. 390,619; published Nov. 9, 1937. Class 39.

Barker Bros., Incorporated, Los Angeles, Calif. Living-room furniture, dining-room furniture, bed-room furniture, etc. 353,885; Jan. 18. Class 32.

Belle Knitting Corp., New York, N. Y. Knitted rayon. 353,859; Jan. 18; Serial No. 397,214; published Nov. 9, 1937. Class 42.

Berkshire Knitting Mills, Wyomissing, Pa. Hosiery. 353,829; Jan. 18; Serial No. 396,864; published Nov. 9, 1937. Class 39.

Beriuti, Ercole R., Saginaw, Mich. Trailer couplings. 353,818; Jan. 18; Serial No. 396,553; published Nov. 9, 1937. Class 19.

Bestlyne Foundation Co., New York, N. Y. Women's swim suits. 353,768; Jan. 18; Serial No. 394,525; published Aug. 24, 1937. Class 39.

Bettermade Garment Co., Los Angeles, Calif. Dresses, skirts, suits, etc. 353,888; Jan. 18. Class 39.

Bloom & Jaffe, New York, N. Y. Underwear, and slips, dresses, frocks, etc. 353,709; Jan. 18; Serial No. 394,695; published Nov. 9, 1937. Class 39.

Bloomingdale Bros., Inc., New York, N. Y. Hosiery. 353,870; Jan. 18; Serial No. 397,548; published Nov. 9, 1937. Class 39.

Blumstein, Philip, doing business as Night Life Pajama Company, Philadelphia, Pa. Pajamas. 353,845; Jan. 18; Serial No. 396,948; published Nov. 9, 1937. Class 39.

Bon Marche, The. (See Allied Stores Corporation.)

Bond-Penn Tube Company, Wilmington, Del. One dose collapsible metal tubes. 353,787; Jan. 18; Serial No. 395,697; published Nov. 9, 1937. Class 2.

Bonwit Teller, Inc., New York, N. Y. Women's and misses' shoes, hats, scarfs, etc. 353,913; Jan. 18; Serial No. 394,443; published Nov. 9, 1937. Class 39.

Bozeman Canning Company, Bozeman, Mont. Canned peas. 353,790; Jan. 18; Serial No. 396,807; published Nov. 9, 1937. Class 46.

Brandt, Ervine, & Co., Chicago, Ill. Neckties, belts, braces, etc. 353,778; Jan. 18; Serial No. 396,215; published Nov. 9, 1937. Class 39.

Brecomb, Carl W., Santa Barbara, Calif. Bread, rolls, sandwiches, etc. 353,737; Jan. 18; Serial No. 388,556; published Nov. 9, 1937. Class 46.

Brown Bag Process, San Francisco, Calif. Radio receiving and transmitting equipment and parts thereof. 353,724; Jan. 18; Serial No. 396,490; published Nov. 9, 1937. Class 21.

Bullocks, Inc., Los Angeles, Calif. Hosiery. 353,861; Jan. 18; Serial No. 397,541; published Nov. 9, 1937. Class 39.

Burger, Joseph, New York, N. Y. Shoes. 353,765; Jan. 18; Serial No. 394,500; published Nov. 9, 1937. Class 39.

Burgess Battery Company, Chicago, Ill. Dry batteries and flashlight cases. 353,889; Jan. 18; Serial No. 397,215; published Nov. 9, 1937. Class 21.

Busch, H. & Co., Inc., New York, N. Y. Coffee, tea, rice, etc. 353,823; Jan. 18; Serial No. 396,627; published Nov. 9, 1937. Class 46.

Byron, Leon Jay, Co., Inc., New York, N. Y. Blouses, pajamas, petticoats, etc. 353,833; Jan. 18; Serial No. 394,179; published Nov. 2, 1937. Class 39.

C. and G. Trailer Hitch Company, Winterset, Iowa. Trailer hitches. 353,884; Jan. 18. Class 19.

C-Y Manufacturing Company, Jamaica, N. Y. Testing gauge valves and adapters, fittings, etc. 353,751; Jan. 18; Serial No. 392,679; published Nov. 9, 1937. Class 13.

California Ripe Olive Co., Oroville and San Francisco, to Hearst Sunical Land and Packing Corporation, San Francisco, Calif., successor. Ripe olives, pressed figs, honey, etc. 118,266; renewed Aug. 28, 1937.

California Spray-Chemical Corporation, Wilmington, Del., and Richmond, Calif. Insecticides, fungicides, and germicides. 353,893; Jan. 18. Class 6.

Canadian Chamois & Leather Corp., New York, N. Y. Women's vestees and prefabricated garment-like linings. 353,886; Jan. 18. Class 39.

Cantilia Akkordeonbau G. m. b. H., Altenburg in Thuringia, Germany. Hand harmonicas, mouth harmonicas, and accordions. 353,746; Jan. 18; Serial No. 392,194; published Nov. 9, 1937. Class 24.

Chula Vista Mutual Lemon Association, Chula Vista, Calif. Lemon juice for beverage purposes. 353,853; Jan. 18; Serial No. 397,109; published Nov. 9, 1937. Class 45.

Cie Des Produits Chimiques et Charbons Actifs Ed. Urbain, Paris, France. Material in the nature of porous lava for the purification of gas. 353,779; Jan. 18; Serial No. 396,218; published Nov. 9, 1937. Class 1.

Colonial Mills, Inc., New York, N. Y. Acetate and rayon crepe piece goods. 353,843; Jan. 18; Serial No. 397,276; published Nov. 9, 1937. Class 42.

Consolidated Slipper Corp., Bombay, N. Y. Slippers. 353,794; Jan. 18; Serial No. 396,948; published Oct. 26, 1937. Class 39.

Cook Paint & Varnish Company, North Kansas City, Mo. Ready-mixed paints. 353,860; Jan. 18; Serial No. 397,490; published Nov. 9, 1937. Class 16.

Cotler, Harry, New York, N. Y. Men's furnishings and men's outer wear. 353,896; Jan. 18. Class 39.

Crescent Shoe Company, The, New York, N. Y. Leather shoes. 353,824; Jan. 18; Serial No. 396,796; published Oct. 26, 1937. Class 39.

Crown Cork & Seal Company, Inc., Baltimore, Md. Jar rings for receptacles. 353,819; Jan. 18; Serial No. 396,564; published Nov. 9, 1937. Class 35.

Curtiss Candy Company, The, Chicago, Ill. Candy. 353,831–2; Jan. 18; Serial Nos. 396,765–6; published Nov. 9, 1937. Class 46.

Dai Nippon Brewery Company Limited, Tokyo, Japan. Beer. 353,829; Jan. 18; Serial No. 396,736; published Nov. 9, 1937. Class 46.

"Deauville". (See Schreter, A., & Sons Co., Inc.)

Decker, Alfred, & Cohn, Inc., Chicago, Ill. Men's suits. 353,843; Jan. 18; Serial No. 396,982; published Nov. 9, 1937. Class 39.

Deluxe Products Corporation, La Porte, Ind. Oil filters. 353,864; Jan. 18; Serial No. 397,281; published Nov. 9, 1937. Class 23.

De Saix, Sara, Kansas City, Mo. Dresses, playsuits, skirts, etc. 353,897; Jan. 18. Class 39.

Dia-Lac Company, The. (See Peadon, Charles G.)

Distilled Liquors Import Co., Inc., New York, N. Y. Rye whiskey. 353,889; Jan. 18. Class 49.

Dulman, Morris, Boston, Mass. Paint, varnish, prepared shellac, etc. 353,775; Jan. 18; Serial No. 394,962; published Nov. 9, 1937. Class 16.

Dutchess Underwear Corporation, New York, N. Y. Underwear. 353,808; Jan. 18; Serial No. 396,356; published Nov. 9, 1937. Class 39.

Eastern Form Products Co., Newark, N. J., assignor to Universal Form Clamp Company, Chicago, Ill. Beam hangers and wire clamps and ties. 353,881; Jan. 18. Class 12.

Elanbee Sales Company, Inc., New York, N. Y. Ladies' handbags. 353,851; Jan. 18; Serial No. 397,026; published Nov. 9, 1937. Class 3.

Electro Cover Glass Company, Sharpsburg, Pa. Lenses for protective goggles and helmets. 353,856; Jan. 18; Serial No. 397,165; published Nov. 9, 1937. Class 20.

Electrol Incorporated, Clifton, N. J. Air conditioning units. 353,752; Jan. 18; Serial No. 392,920; published Nov. 9, 1937. Class 34.

Ellis, T. M., Jr., doing business as Shekels Advertising Company, Beloit, Wis. Board games. 353,877; Jan. 18; Serial No. 397,801; published Nov. 9, 1937. Class 22.

Faber, Eberhard, Pencil Company, Brooklyn, N. Y. Lead pencils. 353,748; Jan. 18; Serial No. 395,750; published Nov. 9, 1937. Class 37.

Familex Products Company. (See Parent, Romeo.)

Fisher Scientific Company, Pittsburgh, Pa. Rubber and metal anti-splash filter attachment. 353,791; Jan. 18; Serial No. 396,859; published Nov. 9, 1937. Class 18.

Florida Fruit Canners, Inc., Frostproof, Fla. Canned grapefruit juice for food purposes. 353,725; Jan. 18; Serial No. 388,567; published Nov. 9, 1937. Class 46.

Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. 353,763; Jan. 18; Serial No. 393,029; published Nov. 9, 1937. Class 42.

Fountaine & Nelson, Los Angeles, Calif. Fresh deciduous fruits, fresh citrus fruits, etc. 353,761; Jan. 18; Serial No. 393,493; published Nov. 9, 1937. Class 46.

Friden Calculating Machine Co., Inc., San Leandro, Calif. Adding and calculating machines. 353,891; Jan. 18. Class 26.

Garcia Grande Cigars, Incorporated, New York, N. Y. Cigars. 353,835; Jan. 18; Serial No. 396,811; published Nov. 9, 1937. Class 17.

Garlock Packing Company, The, Palmyra, N. Y. Leather packings, cups, washers, etc. 353,260; Jan. 18; Serial No. 397,217; published Nov. 9, 1937. Class 35.

Gaylord Container Corporation, St. Louis, Mo. Paper bags and sacks. 353,278; Jan. 18; Serial No. 397,844; published Nov. 9, 1937. Class 2.

General Electric Company, Schenectady, N. Y. Machines for cutting or grinding garbage or the like. 353,823; Jan. 18; Serial No. 396,634; published Nov. 9, 1937. Class 23.

General Motors Corporation, Detroit, Mich. Oil and gas building heating units, oil and gas burners, boilers, etc. 353,809; Jan. 18; Serial No. 396,360; published Nov. 9, 1937. Class 34.

Gimbel Brothers, Inc., New York, N. Y. Cognac. 353,890; Jan. 18. Class 49.

Gorostieta, Luis S., Monterrey, Mexico. Prepared corn flour or granula for making tortillas. 353,749; Jan. 18; Serial No. 392,529; published Nov. 9, 1937. Class 46.

Gorton, George, Machine Co., Racine, Wis. Pantograph machine tools, engraving machines, duplicator machine tools, etc. 353,901; Jan. 18. Class 23.

Grant, W. T., Company, New York, N. Y. Bias tape. 353,806; Jan. 18; Serial No. 396,310; published Nov. 9, 1937. Class 40.

Harris Tweed Association, Limited, London, England. Harris tweed. 353,757; Jan. 18; Serial No. 395,278; published Nov. 9, 1937. Class 42.

Hearn Department Stores, Inc., New York, N. Y. Suits, topcoats, overcoats, etc. 353,810; Jan. 18; Serial No. 396,864; published Nov. 9, 1937. Class 39.

Hearst Sunkist Land and Packing Corporation. (See California Ripe Olive Co.)

Hirsh & Harrison Plush Company, The, New York, N. Y. Plushes. 353,820; Jan. 18; Serial No. 396,567; published Nov. 9, 1937. Class 42.

Italian Swiss Colony, San Francisco, Calif. Wines. 353,782–3; Jan. 18; Serial Nos. 396,416–7; published Nov. 9, 1937. Class 47.

Kabushiki Kaisha Konishi Kotakudo Honten, Kyobashi-ku, Tokyo, Japan. Watch glasses and watch crystals. 353,759; Jan. 18; Serial No. 393,382; published Nov. 9, 1937. Class 33.

Knapp-Monarch Company, St. Louis, Mo. Thermic jugs. 353,863; Jan. 18. Class 2.

Knickerbocker Mills Co., New York, N. Y. Canned fish, canned vegetables, etc. 353,807; Jan. 18; Serial No. 396,243; published Nov. 9, 1937. Class 46.

Koh-I-Noor Bleistiftfabrik L. & C. Hardtmuth, Budweis, Czechoslovakia. Pencils. 353,774; Jan. 18; Serial No. 394,945; published Nov. 9, 1937. Class 37.

Koh-I-Noor Bleistiftfabrik L. & C. Hardtmuth, Budweis, Czechoslovakia. Pencils. 353,846; Jan. 18; Serial No. 396,958; published Nov. 9, 1937. Class 37.

Krower, Leonard, & Son, Inc., New Orleans, La. Watches, watch cases, watch plates. 353,815; Jan. 18; Serial No. 396,522; published Nov. 9, 1937. Class 27.

Lee, H. D., Mercantile Co., The, Kansas City, Mo. Canned dog food. 353,867; Jan. 18; Serial No. 397,447; published Nov. 9, 1937. Class 46.

Lees-Gilbert Corporation, New York, N. Y. Ladies' coats and suits. 353,840; Jan. 18; Serial No. 396,879; published Nov. 9, 1937. Class 39.

Lemingwell Rancho Lemon Association, Whittier, Calif. Fresh citrus fruits. 353,743; Jan. 18; Serial No. 391,828; published Nov. 9, 1937. Class 46.

Ludlum Steel Co., Watervliet, N. Y. Tool-steels. 353,875; Jan. 18; Serial No. 397,762; published Nov. 9, 1937. Class 14.

Lunt & Company, St. Louis, Mo. Carbon paper, typewriter ribbons, and inked ribbons. 353,789; Jan. 18; Serial No. 395,787; published Nov. 9, 1937. Class 11.

Maiden Form Brassiere Company, Inc., New York, N. Y. Brassières, bandeaux, corsets, etc. 353,750; Jan. 18; Serial No. 393,385; published Oct. 26, 1937. Class 39.

Maison Blanche Company, New Orleans, La. Bedroom and dining room furniture. 353,795; Jan. 18; Serial No. 396,038; published Nov. 9, 1937. Class 32.

Mann, Ben B., New York, N. Y. Cigarettes and cigars. 353,799; Jan. 18; Serial No. 396,149; published Nov. 9, 1937. Class 17.

Marinette Knitting Mills, Marinette, Wis. Wearing apparel. 353,844; Jan. 18; Serial No. 396,926; published Nov. 9, 1937. Class 39.

Mason Box Company, The, Attleboro Falls, Mass. Shipping cartons and boxes. 353,766; Jan. 18; Serial No. 394,396; published Nov. 9, 1937. Class 2.

Master Glaze Co., The, Milwaukee, Wis. Preparation for producing a lustre upon finished surfaces. 353,796; Jan. 18; Serial No. 396,057; published Nov. 9, 1937. Class 16.

Mayer, Oscar, & Co., Inc., Chicago, Ill. Sausage. 353,762; Jan. 18; Serial No. 393,608; published Nov. 9, 1937. Class 46.

Mechanic Hosiery Mills, Dallas, Tex. Wearing apparel. 353,767; Jan. 18; Serial No. 394,378; published Oct. 26, 1937. Class 39.

Midwest Radio Corporation, Cincinnati, Ohio. Radio receiving apparatus kits, television receiving apparatus kits, etc. 353,882; Jan. 18. Class 21.

Miller, L., and Sons, Inc., Long Island City, N. Y. Ladies' hosiery, gloves, hats, etc. 353,763; Jan. 18; Serial No. 393,777; published Oct. 26, 1937. Class 39.

Millers Falls Company, Greenfield, Mass. Electric drills. 353,862; Jan. 18; Serial No. 397,264; published Nov. 9, 1937. Class 21.

Milwhite Company, Incorporated, The, Houston, Tex. Silicon oxide. 353,736; Jan. 18; Serial No. 388,681; published May 4, 1937. Class 1.

Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Boots, shoes, overshoes, etc. 353,737; Jan. 18; Serial No. 388,845; published Oct. 26, 1937. Class 39.

Mixol Corporation, New York, N. Y. Paint extender. 353,816; Jan. 18; Serial No. 396,548; published Nov. 9, 1937. Class 16.

Monarch Shoe Company, Chicago, Ill. Shoes. 353,726; Jan. 18; Serial No. 365,645; published Nov. 2, 1937. Class 39.

National Retailer-Owned Grocers, Inc., Chicago, Ill. Canned fish. 353,836; Jan. 18; Serial No. 396,828; published Nov. 9, 1937. Class 46.

Neatform Co., Inc., The, New York, N. Y. Brassières, corsets, girdles, etc. 353,841; Jan. 18; Serial No. 396,884; published Nov. 9, 1937. Class 39.

Neatform Co., Inc., The, New York, N. Y. Brassières, corsets, girdles, etc. 353,842; Jan. 18; Serial No. 396,885; published Nov. 9, 1937. Class 39.

Neatform Co., Inc., The, New York, N. Y. Brassières, corsets, girdles, etc. 353,843; Jan. 18; Serial No. 396,889; published Nov. 9, 1937. Class 39.

Neivert, Jacob, doing business as Neivert Glove Co., New York, N. Y. Ladies' gloves. 353,811; Jan. 18; Serial No. 396,410; published Nov. 9, 1937. Class 39.

Nesbitt Fruit Products, Inc., Los Angeles, Calif. Chocolate fudge preparation. 353,798; Jan. 18; Serial No. 395,924; published Nov. 9, 1937. Class 46.

Nettleton, A. E., Company, Syracuse, N. Y. Shoes. 353,854; Jan. 18; Serial No. 397,148; published Nov. 9, 1937. Class 39.

New England Maple Syrup Company, Chelsea, Mass. Cane and maple sugar syrup, maple kisses, etc. 353,792; Jan. 18; Serial No. 396,576; published Nov. 9, 1937. Class 46.

New Process Company, Warren, Pa. Portable, lockable file box for documents. 353,725; Jan. 18; Serial No. 371,820; published Nov. 9, 1937. Class 20.

Night Life Pajama Company. (See Blumstein, Philip.)

Ontra, Buddy, New York, N. Y. Hosiery. 353,849; Jan. 18; Serial No. 396,908; published Nov. 9, 1937. Class 39.

O'Sullivan, David L., New York, N. Y. Board games and building block games. 353,800; Jan. 18; Serial No. 396,153; published Nov. 9, 1937. Class 22.

Pacific Packing Company, Oakdale, Calif. Canned fruits, canned vegetables. 353,773; Jan. 18; Serial No. 394,857; published Nov. 9, 1937. Class 46.

Parent, Romeo, doing business as Familex Products Company, Montreal, Quebec, Canada. Olive oils, powder for making burnt creams, etc. 353,754; Jan. 18; Serial No. 393,197; published Nov. 9, 1937. Class 46.

Parent, Romeo, doing business as Familex Products Company, Montreal, Quebec, Canada. Cake flours, cocoas, and lemon essences. 353,755; Jan. 18; Serial No. 393,201; published Nov. 9, 1937. Class 46.

Parks & Parks Inc., Troy, N. Y. Animal brushes. 353,845; Jan. 18; Serial No. 397,417; published Nov. 9, 1937. Class 29.

Payn's, B., Son's Tobacco Company, Albany, N. Y. Smoking and chewing tobacco. 353,868; Jan. 18; Serial No. 397,481; published Nov. 9, 1937. Class 17.

Peaden, Charles G., doing business as The Dia-Lac Company, Marion, Ohio. Diastatic compound for improving flour. 353,730; Jan. 18; Serial No. 376,240; published Nov. 9, 1937. Class 46.

Pestoff, Alex, New York, N. Y. Men's shoes. 353,850; Jan. 18; Serial No. 397,001; published Nov. 9, 1937. Class 39.

Pieringer, Hanny, Forest Hills, N. Y. Dolls, dolls' heads, dolls' dresses, etc. 353,742; Jan. 18; Serial No. 390,862; published May 18, 1937. Class 22.

Pioneer Suspender Company, Philadelphia, Pa. Suspenders, garters, and belts. 353,797; Jan. 18; Serial No. 396,084; published Oct. 26, 1937. Class 39.

Platinum Products Corp., New York, N. Y. Cigar, cigarette, and pipe lighters, and parts for same. 353,847; Jan. 18; Serial No. 396,966; published Nov. 9, 1937. Class 34.

Pollak, Henry, Inc., New York, N. Y. Hat bodies and hats for women and children. 353,824; Jan. 18; Serial No. 396,647; published Oct. 26, 1937. Class 39.

Pollak, Henry, Inc., New York, N. Y. Hat bodies and hats for women and children. 353,825; Jan. 18; Serial No. 396,649; published Oct. 26, 1937. Class 39.

Pollak, Henry, Inc., New York, N. Y. Hat bodies and hats for women and children. 353,833; Jan. 19; Serial No. 396,783; published Nov. 9, 1937. Class 39.

Portis Bros. Hat Co., Chicago, Ill. Hats and caps. 353,746; Jan. 18; Serial No. 391,861; published Oct. 26, 1937. Class 39.

Preplan, Inc., Cleveland, Ohio. Plaster, concrete, and reinforced concrete products. 353,894; Jan. 18. Class 12.

Quick Cure Brine Products, Inc., Chicago, Ill. Brine and liquid circulating pumps. 353,837; Jan. 18; Serial No. 397,196; published Nov. 9, 1937. Class 23.

R K O Radio Pictures, Inc., New York, N. Y. Films. 353,827; Jan. 18; Serial No. 396,694; published Nov. 9, 1937. Class 26.

Rathjen Bros., Inc., San Francisco, Calif. Whiskey. 353,866; Jan. 18; Serial No. 397,423; published Nov. 9, 1937. Class 49.

Reinert, Robert, Incorporated, Weehawken, N. J. Knitting machines. 353,772; Jan. 18; Serial No. 394,757; published Nov. 9, 1937. Class 23.

Remington Rand Inc., Buffalo, N. Y. Chairs. 353,855; Jan. 18; Serial No. 397,150; published Nov. 9, 1937. Class 32.

Reo Motor Car Company, Lansing, Mich. Automobiles and structural parts thereof. 353,895; Jan. 18. Class 19.

Resnick, Julius, Inc., New York, N. Y. Handbags and pocketbooks. 353,830; Jan. 18; Serial No. 396,750; published Nov. 9, 1937. Class 3.

Respro Inc., Cranston, R. I. Artificial leather. 353,871; Jan. 18; Serial No. 397,620; published Nov. 9, 1937. Class 50.

Ressequie, Earl H., Flint, Mich. Neckties. 353,760; Jan. 18; Serial No. 393,391; published Nov. 9, 1937. Class 39.

Rural Educational Association, Madison College, Tenn. Canned protein meat-like food. 353,831; Jan. 18; Serial No. 396,580; published Nov. 9, 1937. Class 46.

Salmansson & Co. Inc., New York, N. Y. Wardrobes, storage closets, and storage chests. 353,898; Jan. 18. Class 32.

Schoen Hats, Inc., New York, N. Y. Hat bodies and hats for women and children. 353,814; Jan. 18; Serial No. 396,517; published Nov. 9, 1937. Class 39.

Schreiber, A., & Sons Co., Inc., doing business as "Deanville", Baltimore, Md. Neckties. 353,785; Jan. 18; Serial No. 395,542; published Oct. 26, 1937. Class 39.

Schwartz, Jack, Los Angeles, Calif. Handkerchiefs. 353,802; Jan. 18; Serial No. 396,175; published Oct. 26, 1937. Class 39.

Sea-Lite Manufacturing Corp., Boston, Mass. Electric lanterns, automatic electric lighting units, etc. 353,770; Jan. 18; Serial No. 394,737; published Nov. 9, 1937. Class 21.

Seltzer, Peres, New York, N. Y. Slide-fasteners. 353,804; Jan. 18; Serial No. 396,242; published Nov. 9, 1937. Class 18.

Shekels Advertising Company. (See Ellis, T. M., Jr.)

Sherwin, Nan, Inc., Hollydale and South Gate, Calif. Hats and outerwear for women. 353,887; Jan. 18. Class 39.

Siegel & Alenikoff, New York, N. Y. Ladies' and misses' coats and suits. 353,900; Jan. 18. Class 39.

Slippers and shoes and fastenings for the same. Swan Shoe Company. 353,733; Jan. 18; Serial No. 385,912; published Feb. 23, 1937. Class 39.

Snyder, Ralph S., Uhrichsville, Ohio. Parlor game. 353,732; Jan. 18; Serial No. 388,455; published Nov. 9, 1937. Class 22.

Southern Friction Materials Company, Charlotte, N. C. Brake lining. 353,817; Jan. 18; Serial No. 396,561; published Nov. 9, 1937. Class 35.

Standard Brands Incorporated, New York, N. Y. Gelatin dessert. 353,747; Jan. 18; Serial No. 392,087; published Nov. 9, 1937. Class 46.

Standard Oiled Clothing Co. Inc., New York, N. Y. Outer garments. 353,801; Jan. 18; Serial No. 396,171; published Nov. 9, 1937. Class 39.

Suitt Brothers Manufacturing Co., Campbell Industries Division, The, Cambridge, Ohio. Furniture. 353,899; Jan. 18. Class 32.

Sylvania Industrial Corporation, Fredericksburg, Va., and New York, N. Y. Shrinkable caps and bands used as container closures. 353,879; Jan. 18; Serial No. 397,883; published Nov. 9, 1937. Class 50.

Trailer Products Company, Chicago, Ill. Canned tomatoes. 353,750; Jan. 18; Serial No. 392,565; published July 27, 1937. Class 46.

Ullmann, Bernhard, Co. Inc., New York, N. Y. Stamped goods and art needlework package outfits. 353,776; Jan. 18; Serial No. 395,006; published Nov. 9, 1937. Class 40.

Undi-Klad Manufacturing Company, Chicago, Ill. Pantie girdles. 353,744; Jan. 18; Serial No. 391,498; published Nov. 9, 1937. Class 39.

United States Rubber Products, Inc., New York, N. Y. Rubber bathing and beach shoes, rubber bathing caps, rubber girdles, etc. 353,731; Jan. 18; Serial No. 379,537; published Oct. 26, 1937. Class 39.

Universal Cocoa Products Corporation, Chicago, Ill. Food products. 353,805; Jan. 18; Serial No. 396,285; published Nov. 9, 1937. Class 46.

Universal Form Clamp Company. (See Eastern Form Products Co., assignor.)

Vanity Fair Silk Mills, Reading, Pa. Hosiery and underwear. 353,798; Jan. 18; Serial No. 396,095; published Oct. 26, 1937. Class 39.

Vivian Manufacturing Company. (See Barber, L. B.)

Wamsutta Mills, New Bedford, Mass. Piece goods of cotton, etc. 353,837; Jan. 18; Serial No. 396,852; published Nov. 9, 1937. Class 42.

Wamsutta Mills, New Bedford, Mass. Piece goods of cotton, etc. 353,838; Jan. 18; Serial No. 396,854; published Nov. 9, 1937. Class 42.

Werman, A., & Sons Inc., New York and Brooklyn, N. Y. Children's shoes. 353,764; Jan. 18; Serial No. 394,206; published Oct. 26, 1937. Class 39.

Western Minerals, Incorporated, Baxter Springs and Pittsburg, Kans. Tripoli. 353,784; Jan. 18; Serial No. 395,498; published Nov. 9, 1937. Class 1.

Western Pipe and Steel Company of California, San Francisco, Calif. Steel storage tanks. 353,872; Jan. 18; Serial No. 397,634; published Nov. 9, 1937. Class 2.

White, S. S., Dental Manufacturing Company, The, Philadelphia, Pa. Engine belts. 353,720; Jan. 18; Serial No. 374,871; published Nov. 9, 1937. Class 35.

Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Packaged beverage vending apparatus. 353,738; Jan. 18; Serial No. 388,968; published Nov. 9, 1937. Class 23.

Wilson, H. A., Company, The, Newark, N. J. Bimetals. 353,780; Jan. 18; Serial No. 395,367; published Nov. 9, 1937. Class 14.

Wilson, H. A., Company, The, Newark, N. J. Platinum, platinum sheets, platinum bars, etc. 353,781; Jan. 18; Serial No. 395,368; published Nov. 9, 1937. Class 14.

Wilson Welder and Metals Co., Inc., New York, N. Y. Electric arc welding machines. 353,852; Jan. 18; Serial No. 397,005; published Nov. 9, 1937. Class 21.

World Bottling Company, Ltd., New Orleans, La. Beverages and syrups, extracts, and flavors used in making the same. 353,873; Jan. 18; Serial No. 397,731; published Nov. 9, 1937. Class 46.

LIST OF REGISTRANTS OF LABELS

Albert Laboratories. (See Binaah, Albert H.)

Auburn Rubber Corporation, Wilmington, Del., and Auburn, Ind. U-Stick-On Soles. For Soles, Cement-Applied, for Shoes. 50,592; Jan. 18.

Autoade Corporation, Inc., Chicago, Ill. Autoade. For Auto Supplies. 50,593; Jan. 18.

Binaah, Albert H., doing business as Albert Laboratories, Chicago, Ill. Respirine. For a Medicinal Preparation for the Treatment of Asthma, Bronchitis, Hay Fever, and Sinusitis. 50,594; Jan. 18.

Cleeland, Roy A., Butler, Pa. Lu + Steri + Cide Cleeland Chlorinated Cleanser and Bactericide. For Chlorinated Cleanser and Bactericide. 50,595; Jan. 18.

Genest Bros. Inc., Manchester, N. H. House Science. For Bread. 50,596; Jan. 18.

Jones, C. S., doing business as North Side Drug Store, Memphis, Tenn. One-One Oil. For an Oil for Colds and Aches Due to Colds. 50,597; Jan. 18.

Mammy's Barbecued Peanut Co., Fort Worth, Tex. Mammy's. For Barbecued Peanuts. 50,598; Jan. 18.

North Side Drug Store. (See Jones, C. S.)

LIST OF REGISTRANTS OF PRINTS

Chicago Hardware Foundry Company, The, North Chicago, Ill. The Genuine Elgin Butter Cutter. For Butter Cutters. 16,663; Jan. 18.

Cream of Wheat Corporation, The, Minneapolis, Minn. Great Big Beautiful World. For Wheat Breakfast Food. 16,664; Jan. 18.

General Mills, Inc., Minneapolis, Minn. Evelyn Chandler America's Queen of the Ice "A Breakfast of Champions is My Idea of the Tops". For Cereal Food. 16,665; Jan. 18.

Parker Pen Company, The, Janesville, Wis. A College Professor Turned Santa Claus by Inventing the World's Grandest Christmas Gift. For Fountain Pens, Mechanical Pencils, and Desk Sets. 16,666; Jan. 18.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Material in the nature of a porous lava for the purification of gas. Cie des Produits Chimiques et Charbons Actifs Ed. Urbain. 353,779; Jan. 18; Serial No. 396,218; published Nov. 9, 1937.

Silicon oxide for conditioning drilling muds. Milwhite Company. 353,736; Jan. 18; Serial No. 388,681; published May 4, 1937.

Tripoli. Western Minerals, Incorporated. 353,784; Jan. 18; Serial No. 396,498; published Nov. 9, 1937.

CLASS 2

Bags and sacks, Paper. Gaylord Container Corporation. 353,772; Jan. 18; Serial No. 397,844; published Nov. 9, 1937.

Bags, Tea delivery. L. B. Barber. 353,876; Jan. 18; Serial No. 397,728; published Nov. 9, 1937.

Cartons and boxes, Shipping. Mason Box Company. 353,766; Jan. 18; Serial No. 394,295; published Nov. 9, 1937.

Jugs, Thermic. Knapp-Monarch Company. 353,883; Jan. 18.

Tanks, Steel storage. Western Pipe and Steel Company of California. 353,872; Jan. 18; Serial No. 397,534; published Nov. 9, 1937.

Tubes, One dose collapsible metal. Bond-Penn Tube Company. 353,787; Jan. 18; Serial No. 396,697; published Nov. 9, 1937.

CLASS 3

Handbags and pocketbooks. Julius Resnick, Inc. 353,840; Jan. 18; Serial No. 396,750; published Nov. 9, 1937.

Handbags, Ladies'. Elanbee Sales Company. 353,851; Jan. 18; Serial No. 397,026; published Nov. 9, 1937.

CLASS 6

Insecticides, fungicides, and germicides. California Spray-Chemical Corporation. 353,803; Jan. 18.

CLASS 11

Carbon paper, typewriter ribbons, and inked ribbons. Lent & Company. 353,789; Jan. 18; Serial No. 396,787; published Nov. 9, 1937.

CLASS 12

Beam hangers and wire clamps and ties. Eastern Form Products Co. 353,881; Jan. 18.

Plaster, concrete, and reinforced concrete products. Proplan, Inc. 353,894; Jan. 18.

CLASS 13

Filter attachment, Rubber and metal anti-splash. Fisher Scientific Company. 353,791; Jan. 18; Serial No. 396,889; published Nov. 9, 1937.

Gauge valves and adaptors, fittings, etc., Testing. C-Y Manufacturing Company. 353,751; Jan. 18; Serial No. 392,679; published Nov. 9, 1937.

Kettles and pans, Temperature controlled frying. Automatic Food Equipment Inc. 353,902; Jan. 18.

Slide-fasteners. P. Seltzer. 353,904; Jan. 18; Serial No. 396,242; published Nov. 9, 1937.

CLASS 14

Bimetals. H. A. Wilson Company. 353,780; Jan. 18; Serial No. 395,367; published Nov. 9, 1937.

Iron and steel sheets, Galvanized. American Rolling Mill Company. 353,874; Jan. 18; Serial No. 397,743; published Nov. 9, 1937.

Platinum, platinum sheets, platinum bars, etc. H. A. Wilson Company. 353,781; Jan. 18; Serial No. 396,369; published Nov. 9, 1937.

Tool-steels. Ledlum Steel Co. 353,875; Jan. 18; Serial No. 397,762; published Nov. 9, 1937.

CLASS 16

Paint extender. Mixol Corporation. 353,816; Jan. 18; Serial No. 396,543; published Nov. 9, 1937.

Paint, varnish, prepared shellac, etc. M. Dulman. 353,775; Jan. 18; Serial No. 394,962; published Nov. 9, 1937.

Paints, Poster. American Crayon Company. 353,828; Jan. 18; Serial No. 396,730; published Nov. 9, 1937.

Paints, Ready-mixed. Cook Paint & Varnish Company. 353,809; Jan. 18; Serial No. 397,490; published Nov. 9, 1937.

Preparation for producing a lustre upon finished surfaces. Mentor Glass Co. 353,794; Jan. 18; Serial No. 396,057; published Nov. 9, 1937.

CLASS 17

Cigars. Garcia Grande Cigars, Incorporated. 353,885; Jan. 18; Serial No. 396,611; published Nov. 9, 1937.

Cigarettes and cigars. B. B. Mann. 353,799; Jan. 18; Serial No. 396,149; published Nov. 9, 1937.

Tobacco, Smoking and chewing. B. Payn's Son's Tobacco Company. 353,868; Jan. 18; Serial No. 397,481; published Nov. 9, 1937.

CLASS 19

Automobiles and structural parts thereof. Reo Motor Car Company. 353,895; Jan. 18.

Trailer couplings. M. R. Beriatti. 353,818; Jan. 18; Serial No. 396,558; published Nov. 9, 1937.

Trailer hitches. C. and G. Trailer Hitch Company. 353,884; Jan. 18.

CLASS 21

Batteries and flashlight cases, Dry. Burgess Battery Company. 353,859; Jan. 18; Serial No. 397,215; published Nov. 9, 1937.

Electric drills. Millers Falls Company. 353,862; Jan. 18; Serial No. 397,264; published Nov. 9, 1937.

Electric lanterns, automatic electric lighting units, etc. Sea-Lite Manufacturing Corp. 353,770; Jan. 18; Serial No. 394,727; published Nov. 9, 1937.

Radio receiving apparatus kits, television receiving apparatus kits, etc. Midwest Radio Corporation. 353,863; Jan. 18.

Radio receiving and transmitting equipment and parts thereof. Brown Ray Phones. 353,724; Jan. 18; Serial No. 388,490; published Nov. 9, 1937.

Welding machines, Electric arc. Wilson Welder and Metals Co. 353,852; Jan. 18; Serial No. 397,095; published Nov. 9, 1937.

CLASS 22

Board game. T. M. Ellis, Jr. 353,877; Jan. 18; Serial No. 397,901; published Nov. 9, 1937.

Dolls, dolls' heads, dolls' dresses, etc. H. Pieringer. 353,742; Jan. 18; Serial No. 390,663; published May 18, 1937.

Game, Parlor. R. S. Snyder. 353,732; Jan. 18; Serial No. 388,455; published Nov. 9, 1937.

Games and building block games, Board. D. L. O'Sullivan. 353,900; Jan. 18; Serial No. 396,153; published Nov. 9, 1937.

CLASS 23

Filters, Oil. Deluxe Products Corporation. 353,864; Jan. 18; Serial No. 397,281; published Nov. 9, 1937.

Knitting machines. Robert Reiner, Incorporated. 353,772; Jan. 18; Serial No. 394,757; published Nov. 9, 1937.

Machines for cutting or grinding garbage or the like. General Electric Company. 353,823; Jan. 18; Serial No. 396,634; published Nov. 9, 1937.

Pantograph machine tools, engraving machines, duplicator machine tools, etc. George Gorton Machine Co. 353,901; Jan. 18.

Pumps, Brine and liquid circulation. Quick Cure Brine Products, Inc. 353,857; Jan. 18; Serial No. 397,196; published Nov. 9, 1937.

Vending apparatus, Packaged beverage. Williams Oil-O-Matic Heating Corporation. 353,738; Jan. 18; Serial No. 388,968; published Nov. 9, 1937.

CLASS 25

Box for documents, Portable, lockable file. New Process Company. 353,728; Jan. 18; Serial No. 371,820; published Nov. 9, 1937.

CLASS 26

Adding and calculating machines. Friden Calculating Machine Co. 353,891; Jan. 18.

Films. R K O Radio Pictures, Inc. 353,827; Jan. 18; Serial No. 396,694; published Nov. 9, 1937.

Lenses for protective goggles and helmets. Electro Cover Glass Company. 353,856; Jan. 18; Serial No. 397,188; published Nov. 9, 1937.

CLASS 27

Watches, watch cases, watch plates. Leonard Krower & Son, Inc. 353,815; Jan. 18; Serial No. 396,522; published Nov. 9, 1937.

CLASS 29

Brushes, Animal. Parks & Parks Inc. 353,865; Jan. 18; Serial No. 397,417; published Nov. 9, 1937.

CLASS 32

Chairs. Remington Rand Inc. 353,855; Jan. 18; Serial No. 397,150; published Nov. 9, 1937.

Furniture. Split Brothers Manufacturing Co., Campbell Industries Division. 353,890; Jan. 18.

Furniture, Bed room and dining room. Maison Blanche Company. 353,796; Jan. 18; Serial No. 396,088; published Nov. 9, 1937.

Furniture, dining-room furniture, bed-room furniture, etc., Living-room. Barker Bros., Incorporated. 353,886; Jan. 18.

Wardrobes, storage closets, and storage chests. Salmanson & Co. Inc. 353,908; Jan. 18.

CLASS 33

Watch glasses and watch crystals. Kabushiki Kaisha Konishi Kotakudo Honten. 353,758; Jan. 18; Serial No. 393,382; published Nov. 9, 1937.

CLASS 34

Air conditioning units. Electrol Incorporated. 353,752; Jan. 18; Serial No. 392,920; published Nov. 9, 1937.

Heating units, oil and gas burners, boilers, etc., Complete oil and gas building. General Motors Corporation. 353,800; Jan. 18; Serial No. 396,380; published Nov. 9, 1937.

Lighters, and parts for same, Cigar, cigarette, and pipe. Platinum Products Corp. 353,847; Jan. 18; Serial No. 396,966; published Nov. 9, 1937.

Stokers, Coal. Anchor Stove & Range Company. 353,812; Jan. 18; Serial No. 396,439; published Nov. 9, 1937.

CLASS 35

Belts, Engine. S. S. White Dental Manufacturing Company. 353,729; Jan. 18; Serial No. 374,871; published Nov. 9, 1937.

Brake lining. Southern Friction Materials Company. 353,817; Jan. 18; Serial No. 396,551; published Nov. 9, 1937.

Packings, cups, washers, etc., Leather. Garlock Packing Company. 353,860; Jan. 18; Serial No. 397,217; published Nov. 9, 1937.

Rings for receptacles, Jar. Crown Cork & Seal Company. 353,810; Jan. 18; Serial No. 396,564; published Nov. 9, 1937.

CLASS 36

Harmonicas, mouth harmonicas, and accordions, Hand. Cantulia Akkordeonbau G. m. b. H. 353,748; Jan. 18; Serial No. 392,194; published Nov. 9, 1937.

CLASS 37

Pencils. Koh-I-Noor Bleistiftfabrik L. & C. Hardtmuth. 353,774; Jan. 18; Serial No. 394,945; published Nov. 9, 1937.

Pencils. Koh-I-Noor Bleistiftfabrik L. & C. Hardtmuth. 353,846; Jan. 18; Serial No. 396,968; published Nov. 9, 1937.

Pencils, Lead. Eberhard Faber Pencil Company. 353,788; Jan. 18; Serial No. 395,750; published Nov. 9, 1937.

Tissue, Toilet. A. P. W. Paper Company. 353,740; Jan. 18; Serial No. 390,111; published May 18, 1937.

CLASS 39

Apparel, Wearing. Marinette Knitting Mills. 353,844; Jan. 18; Serial No. 396,936; published Nov. 9, 1937.

Apparel, Wearing. McGaunh Hosiery Mills. 353,767; Jan. 18; Serial No. 394,876; published Oct. 26, 1937.

Blouses, pajamas, petticoats, etc. Leon Jay Byron Co. 353,803; Jan. 18; Serial No. 396,178; published Nov. 2, 1937.

Boots, shoes, overshoes, etc. Mishawaka Rubber and Woolen Manufacturing Company. 353,737; Jan. 18; Serial No. 396,645; published Oct. 26, 1937.

Brassières, bandeaux, corsets, etc. Maiden Form Brassiere Company. 353,759; Jan. 18; Serial No. 393,385; published Oct. 26, 1937.

Brassières, corsets, girdles, etc. Neatform Co. 353,841; Jan. 18; Serial No. 396,884; published Nov. 9, 1937.

Brassières, corsets, girdles, etc. Neatform Co. 353,842; Jan. 18; Serial No. 396,886; published Nov. 9, 1937.

Brassières, corsets, girdles, etc. Neatform Co. 353,843; Jan. 18; Serial No. 396,889; published Nov. 9, 1937.

Clothing. Allied Stores Corporation. 353,777; Jan. 18; Serial No. 395,007; published Oct. 26, 1937.

Coats and suits, Ladies'. Lees-Gilbert Corporation. 353,840; Jan. 18; Serial No. 396,879; published Nov. 9, 1937.

Coats and suits, Ladies' and misses'. Siegel & Alenikoff. 353,900; Jan. 18.

Dresses, playsuits, skirts, etc. S. De Saix. 353,897; Jan. 18.

Dresses, skirts, suits, etc. Bettermade Garment Co. 353,898; Jan. 18.

Furnishings and men's outer wear, Men's. H. Cotler. 353,896; Jan. 18.

Garments, Outer. Standard Oiled Clothing Co. Inc. 353,801; Jan. 18; Serial No. 396,171; published Nov. 9, 1937.

Girdles, Pantie. Undi-Klad Manufacturing Company. 353,744; Jan. 18; Serial No. 391,498; published Nov. 9, 1937.

Gloves, Ladies'. J. Neivert. 353,811; Jan. 18; Serial No. 396,419; published Nov. 9, 1937.

Handkerchiefs. J. Schwartz. 353,802; Jan. 18; Serial No. 396,175; published Oct. 26, 1937.

Hat bodies and hats for women and children. Henry Pollak, Inc. 353,824; Jan. 18; Serial No. 396,647; published Oct. 26, 1937.

Hat bodies and hats for women and children. Henry Pollak, Inc. 353,825; Jan. 18; Serial No. 396,649; published Oct. 26, 1937.

Hat bodies and hats for women and children. Henry Pollak, Inc. 353,833; Jan. 18; Serial No. 396,783; published Nov. 9, 1937.

Hat bodies and hats for women and children. Schoen Hats, Inc. 353,814; Jan. 18; Serial No. 396,517; published Nov. 9, 1937.

Hats and caps. Portis Bros. Hat Co. 353,746; Jan. 18; Serial No. 391,831; published Oct. 26, 1937.

Hats and outerwear for women. Nan Sherwin, Inc. 353,887; Jan. 18.

Hosiery. Berkshire Knitting Mills. 353,839; Jan. 18; Serial No. 396,864; published Nov. 9, 1937.

Hosiery. Bloomingdale Bros., Inc. 353,870; Jan. 18; Serial No. 397,568; published Nov. 9, 1937.

Hosiery, Bullock's, Inc. 353,861; Jan. 18; Serial No. 397,241; published Nov. 9, 1937.

Hosiery. B. Ontra. 353,849; Jan. 18; Serial No. 396,998; published Nov. 9, 1937.

Hosiery and underwear. Vanity Fair Silk Mills. 353,798; Jan. 18; Serial No. 396,095; published Oct. 26, 1937.

Hosiery, gloves, hats, etc., Ladies'. I. Miller and Sons, Inc. 353,763; Jan. 18; Serial No. 393,777; published Oct. 26, 1937.

Neckties. E. H. Resseguie. 353,760; Jan. 18; Serial No. 393,392; published Nov. 9, 1937.

Neckties. A. Schreter & Sons Co. 353,785; Jan. 18; Serial No. 395,542; published Oct. 26, 1937.

Neckties, belts, braces, etc. Irving Brandt & Co. 353,778; Jan. 18; Serial No. 395,215; published Nov. 9, 1937.

Pajamas. P. Blumstein. 353,845; Jan. 18; Serial No. 396,948; published Nov. 9, 1937.

Pants, Baby. American Latex Corporation. 353,745; Jan. 18; Serial No. 391,603; published Nov. 9, 1937.

Pants, suits, overcoats, etc. D. R. Barfield. 353,741; Jan. 18; Serial No. 390,619; published Nov. 9, 1937.

Shoes, J. Burger. 353,765; Jan. 18; Serial No. 394,269; published Nov. 9, 1937.

Shoes. Monarch Shoe Company. 353,728; Jan. 18; Serial No. 365,645; published Nov. 2, 1937.

Shoes. A. E. Nettleton Company. 353,854; Jan. 18; Serial No. 397,148; published Nov. 9, 1937.

Shoes, Children's. A. Werman & Sons Inc. 353,764; Jan. 18; Serial No. 394,206; published Oct. 26, 1937.

Shoes, hats, scarfs, etc., Women's and misses'. Bonwit Teller, Inc. 353,813; Jan. 18; Serial No. 396,443; published Nov. 9, 1937.

Shoes, Leather. Crescent Shoe Company. 353,834; Jan. 18; Serial No. 396,796; published Oct. 26, 1937.

Shoes, Men's. A. Peskoff. 353,850; Jan. 18; Serial No. 397,001; published Nov. 9, 1937.

Shoes, rubber bathing caps, rubber girdles, etc., Rubber bathing and beach. United States Rubber Products, Inc. 353,731; Jan. 18; Serial No. 379,537; published Oct. 26, 1937.

Slippers. Consolidated Slipper Corp. 353,794; Jan. 18; Serial No. 395,943; published Oct. 26, 1937.

Suits, Men's. Alfred Decker & Cohn, Inc. 353,848; Jan. 18; Serial No. 396,982; published Nov. 9, 1937.

Suits, topcoats, overcoats, etc. Hearn Department Stores, Inc. 353,810; Jan. 18; Serial No. 396,364; published Nov. 9, 1937.

Suits, Women's swim. Bestlyne Foundation Co. 353,768; Jan. 18; Serial No. 394,525; published Aug. 24, 1937.

Suspenders, garters, and belts. Pioneer Suspender Company. 353,797; Jan. 18; Serial No. 396,084; published Oct. 26, 1937.

Swan Shoe Company, Inc., Baltimore, Md. Slippers and shoes and fastenings for the same. 353,733; Jan. 18; Serial No. 385,912; published Feb. 23, 1937.

Tape, Bias. W. T. Grant Company. 353,806; Jan. 18; Serial No. 396,310; published Nov. 9, 1937.

Undergarments, Women's. Joseph Adelson & Sons. 353,771; Jan. 18; Serial No. 394,736; published Nov. 2, 1937.

Underwear. Dutchess Underwear Corporation. 353,808; Jan. 18; Serial No. 396,356; published Nov. 9, 1937.

Underwear and slips, dresses, frocks, etc. Bloom & Jaffin. 353,769; Jan. 18; Serial No. 394,695; published Nov. 9, 1937.

Vestees and prefabricated garment-like linings, Women's. Canadian Chamois & Leather Corp. 353,886; Jan. 18.

CLASS 40

Stamped goods and art needlework package outfits. Bernhard Ulmann Co. Inc. 353,776; Jan. 18; Serial No. 395,006; published Nov. 9, 1937.

CLASS 42

Acetate and rayon crepe piece goods. Colonial Mills, Inc. 353,863; Jan. 18; Serial No. 397,278; published Nov. 9, 1937.

Piece goods of cotton, etc. Wamsutta Mills. 353,837; Jan. 18; Serial No. 396,852; published Nov. 9, 1937.

Piece goods of cotton, etc. Wamsutta Mills. 353,838; Jan. 18; Serial No. 396,854; published Nov. 9, 1937.

Plushes. Hind & Harrison Plush Company. 353,820; Jan. 18; Serial No. 396,567; published Nov. 9, 1937.

Rayon, Knitted. Belle Knitting Corp. 353,858; Jan. 18; Serial No. 397,214; published Nov. 9, 1937.

Tweed, Harris. Harris Tweed Association, Limited. 353,757; Jan. 18; Serial No. 393,278; published Nov. 9, 1937.

Woolen piece goods. Forstmann Woolen Co. 353,753; Jan. 18; Serial No. 393,029; published Nov. 9, 1937.

CLASS 45

Beverages, and syrups, extracts, and flavors used in making the same. World Bottling Company. 353,572; Jan. 18; Serial No. 397,721; published Nov. 9, 1937.
Juice for beverage purposes, Lemon. Chula Vista Mutual Lemon Association. 353,853; Jan. 18; Serial No. 397,109; published Nov. 9, 1937.

CLASS 46

Bread, rolls, sandwiches, etc. C. W. Broome. 353,727; Jan. 18; Serial No. 393,586; published Nov. 9, 1937.
Candy. Curtiss Candy Company. 353,831–2; Jan. 18; Serial Nos. 396,765–6; published Nov. 9, 1937.
Canned dog food. H. D. Lee Mercantile Co. 353,847; Jan. 18; Serial No. 397,447; published Nov. 9, 1937.
Canned fish. National Member-Owned Grocers, Inc. 353,846; Jan. 18; Serial No. 396,828; published Nov. 9, 1937.
Canned fish, canned vegetables, etc. Knickerbocker Mills Co. 353,827; Jan. 18; Serial No. 396,343; published Nov. 9, 1937.
Canned fruits, canned vegetables. Pacific Packing Company. 353,773; Jan. 18; Serial No. 394,657; published Nov. 9, 1937.
Canned grapefruit juice for food purposes. Florida Fruit Canners, Inc. 353,735; Jan. 18; Serial No. 353,567; published Nov. 9, 1937.
Canned peas. Bozeman Canning Company. 353,790; Jan 18; Serial No. 395,907; published Nov. 9, 1937
Canned protein meat-like food. Rural Educational Association. 353,821; Jan. 18; Serial No. 396,580; published Nov. 9, 1937.
Canned tomatoes. Trailer Products Company." 353,750; Jan. 18; Serial No. 392,565; published July 27, 1937.
Chocolate fudge preparation. Nesbitt Fruit Products, Inc. 353,793; Jan. 18; Serial No. 396,924; published Nov. 9, 1937.
Coffee, tea, rice, etc. H. Busch & Co. Inc. 353,822; Jan. 18; Serial No. 396,627; published Nov. 9, 1937.
Diastatic compound for improving flour. C. C. Peadon. 353,730; Jan. 18; Serial No. 376,360; published Nov. 9, 1937.
Flour or granula for making tortillas, Prepared corn. L. B. Goroetieta. 353,740; Jan. 18; Serial No. 392,529; published Nov. 9, 1937.
Flours, cocoas, and lemon essences, Cake. R. Parent. 353,755; Jan. 18; Serial No. 393,201; published Nov. 9, 1937.
Food products. Universal Cocoa Products Corporation. 353,805; Jan. 18; Serial No. 396,285; published Nov. 9, 1937.
Fruits, Fresh citrus. Lasingwell Rancho Lemon Association. 353,743; Jan. 18; Serial No. 391,328; published Nov. 9, 1937.
Fruits, fresh citrus fruits, etc., Fresh deciduous. Fountaine & Nelson. 353,761; Jan. 18; Serial No. 393,493; published Nov. 9, 1937.
Gelatin dessert. Standard Brands Incorporated. 353,747; Jan. 18; Serial No. 392,067; published Nov. 9, 1937.
Olive oils, powder for making burnt creams, etc. R. Parent. 353,754; Jan. 18; Serial No. 393,197; published Nov. 9, 1937.
Olives, pressed figs, honey, etc., Ripe. California Ripe Olive Co. 114,356; renewed Aug. 28, 1937.
Sausage. Oscar Mayer & Co. 353,742; Jan. 18; Serial No. 393,603; published Nov. 9, 1937.
Syrup, maple mixes, etc., Cane and maple sugar. New England Maple Syrup Company. 353,722; Jan. 18; Serial No. 395,876; published Nov. 9, 1937.
Tablets for making broth or bouillon. Abt and Lewis, Inc. 353,826; Jan. 18; Serial No. 396,657; published Nov. 9, 1937.

CLASS 47

Wine. Ballet Distributing Company. 353,739; Jan. 18; Serial No. 389,696; published Nov. 9, 1937.
Wines. Italian Swiss Colony. 353,782–3; Jan. 18; Serial Nos. 395,416–7; published Nov. 9, 1937.

CLASS 48

Beer. Dai Nippon Brewery Company Limited. 353,629; Jan. 18; Serial No. 396,738; published Nov. 9, 1937.

CLASS 49

Cognac. Gimbel Brothers, Inc. 353,800; Jan. 18.
Whiskey. Bardstown Distillery, Inc. 353,802; Jan. 18.
Whiskey. Bathjen Bros. Inc. 353,809; Jan. 18; Serial No. 397,423; published Nov. 9, 1937.
Whiskey, Rye. Distilled Liquors Import Co. 353,889; Jan. 18.
Whiskeys. Atlas Distilled Products, Inc. 353,756; Jan. 18; Serial No. 393,262; published Nov. 9, 1937.

CLASS 50

Caps and bands used as container closures, Shrinkable. Sylvania Industrial Corporation. 353,679; Jan. 18; Serial No. 397,693; published Nov. 9, 1937.
Fabrics, Coated. Atlas Powder Company. 353,889; Jan. 18; Serial No. 397,395; published Nov. 9, 1937.
Leather, Artificial. Rexpo Inc. 353,671; Jan. 18; Serial No. 397,620; published Nov. 9, 1937.

LIST OF LABELS

Autoade. For Auto Supplies. Autoade Corporation. 50,593; Jan. 18.
Home Science. For Bread. Genest Bros. Inc. 50,596; Jan. 18.
Lu + Sturi + Cide Cleeland Chlorinated Cleanser and Bactericide. For Chlorinated Cleanser and Bactericide. R. A. Cleeland. 50,595; Jan. 18.
Mammy's. For Barbecued Peanuts. Mammy's Barbecued Peanut Co. 50,598; Jan. 18.
One-One Oil. For an Oil for Colds and Aches Due to Colds. C. S. Jones. 50,597; Jan. 18.
Respirine. For a Medicinal Preparation for the Treatment of Asthma, Bronchitis, Hay Fever, and Sinusitis. A. H. Binesh. 50,594; Jan. 18.
U-Stick-On Soles. For Soles, Cement-Applied, for Shoes. Auburn Rubber Corporation. 50,592; Jan. 18.

LIST OF PRINTS

A College Professor Turned Santa Claus by Inventing the World's Grandest Christmas Gift. For Fountain Pens, Mechanical Pencils, and Desk Sets. Parker Pen Company. 16,666; Jan. 18.
Evelyn Chandler America's Queen of the Ice "A Breakfast of Champions is my idea of the Tops". For Cereal Food. General Mills, Inc. 16,665; Jan. 18.
Great Big Beautiful World. For Wheat Breakfast Food. Cream of Wheat Corporation. 16,664; Jan. 18.
The Genuine Elgin Butter Cutter. For Butter Cutters. Chicago Hardware Foundry Company. 16,663; Jan. 18.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 18TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Eisenman, Arthur A., Washington, assignor to Stewart-Warner Corporation, Chicago, Ill. Hose coupling. Re. 20,629; Jan. 18.
Fulton Company, The. (See Thorp, Joel R., assignor.)
General Electric Company. (See Zeh, Martin, assignor.)
Gifford-Wood Company. (See Hallenbeck, Harold E., assignor.)
Hallenbeck, Harold E., Clinton, assignor to Gifford-Wood Company, Hudson, N. Y. Electrical control mechanism for trolley bucket plants. Re. 20,630; Jan. 18.
Hazeltine Corporation. (See Lewis, Harold M., assignor.)
Lewis, Harold M., Great Neck, N. Y., assignor to Hazeltine Corporation. Tuning scale. Re. 20,633; Jan. 18.
MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Blow-out preventer. Re. 20,631; Jan. 18.
MacClatchie Manufacturing Company of California. (See MacClatchie, John W., assignor.)
Mosher, Asa H., Westfield, N. J. Battery filling device. Re. 20,627; Jan. 18.
Stewart-Warner Corporation. (See Eisenman, Arthur A., assignor.)
Teletype Corporation. (See Zenner, Walter J., assignor.)
Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Frost shield. Re. 20,628; Jan. 18.
Zeh, Martin, Friedenau, Berlin, Germany, assignor to General Electric Company. Tone arm for electric phonographs. Re. 20,625; Jan. 18.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Tape actuating device. Re. 20,626; Jan. 18.

LIST OF PLANT PATENTEES

Howard, Frederick H., Montebello, Calif. Rose. 366; Jan. 18.

LIST OF DESIGN PATENTEES

Abraham, Jacques E., New York, N. Y. Pajamas. 107,933; Jan. 18.
Allenby, William F., and C. H. Willman, Bridgeport, Conn., assignors to General Electric Company. Portable food mixer. 107,934; Jan. 18.
Allenby, William F., and C. H. Willman, Bridgeport, Conn., assignors to General Electric Company. Portable electric power unit. 107,935; Jan. 18.
American Renaissance Associates, Inc. (See Mulwitz, R., and Jennings, assignors.)
Anderson, Bert J., Hammond, Ind. Rear frame member for a velocipede. 107,937; Jan. 18.
Anderson, Bert J., Hammond, Ind. Velocipede frame member. 107,938; Jan. 18.
Associated Electric Laboratories, Inc. (See Sengebusch, Hans, assignor.)
Ball Brothers Company. (See Petty, Fred J., assignor.)
Ball, Samuel G., Streetly, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tennis ball. 107,939; Jan. 18.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Mantel or similar article. 108,006; Jan. 18.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Mantel or similar article. 108,009; Jan. 18.
Berry, Helen, New York, N. Y. Dress. 107,940; Jan. 18.
Berry, Helen, New York, N. Y. Dress. 107,941; Jan. 18.
Berry, Helen, New York, N. Y. Dress. 107,943; Jan. 18.
Blackhawk Mfg. Co. (See Plauger, Edward M., assignor.)
Bloom, Israel L., Denver, Colo. Wrist watch. 107,945; Jan. 18.
Boechino, Michael, Passaic, N. J. Clothesline tightener. 107,944; Jan. 18.
Brandels, Sidney L., Chicago, Ill., assignor to Brockway Glass Company, Inc., Brockway, Pa. Bottle. 108,010; Jan. 18.
Brockway Glass Company. (See Brandels, Sidney L., assignor.)
Brown, John C., New York, N. Y. Serving tongs. 108,011; Jan. 18.
Bunting Glider Company. (See Goldberg, Aaron S., assignor.)
Burgweger, Meta D. (See Reinecke, Jean O., assignor.)
Churchill, Charles H., Cortland, N. Y. Sheathing box. 107,945; Jan. 18.
Cleeone, Elizabeth M., New York, N. Y. Dress ensemble. 108,045; Jan. 18.
Cleeone, Elizabeth M., New York, N. Y. Dress ensemble. 108,047; Jan. 18.
Coleman, Tora, New York, N. Y. Dress. 108,048; Jan. 18.
Coleman, Tora, New York, N. Y. Dress ensemble. 108,049; Jan. 18.
Comolli, Sylvia, New York, N. Y. Dress ensemble. 108,050; Jan. 18.
Curtis Companies Incorporated. (See Baum, Dwight J., assignor.)
Delaney, Warren L., Auburn, Maine. Shoe. 107,946; Jan. 18.
Dickerson, Bert A., assignor to Kurios Manufacturing Company, Decatur, Ill. Semi-indirect electric lamp. 107,947; Jan. 18.
Dunlop Tire and Rubber Corporation. (See Ball, Samuel G., assignor.)
Eastman Kodak Company. (See Teague, Walter D., assignor.)
Edwards, Steve, assignor to H. A. Kapit, New York, N. Y. Projector. 107,948; Jan. 18.
Epstein, Louis J., Jersey City, N. J. Shoe. 107,949; Jan. 18.
Faries Manufacturing Company. (See Dickerson, Bert A., assignor.)
Felmann, Henri, Chicago, Ill. Handbag. 108,012; Jan. 18.
Felmann, Henri, Chicago, Ill. Handbag. 108,013; Jan. 18.
Felmann, Henri, Chicago, Ill. Handbag. 108,026; Jan. 18.
Felmann, Henri, Chicago, Ill. Handbag. 108,051; Jan. 18.
Felmann, Henri, Chicago, Ill. Handbag. 108,052; Jan. 18.
Fracchia, Pauline, New York, N. Y. Dress. 107,950; Jan. 18.
Fracchia, Pauline, New York, N. Y. Dress. 107,951; Jan. 18.
Fracchia, Pauline, New York, N. Y. Dress. 107,952; Jan. 18.
Fracchia, Pauline, New York, N. Y. Dress. 107,953; Jan. 18.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,956; Jan. 18.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,957; Jan. 18.
Gates, Arnold N., Cleveland Heights, Ohio. Eyeshade or similar article. 107,954; Jan. 18.
General Electric Company. (See Allenby, W. F., and Willman.)
Gilbert, William L., Clock Corporation. (See Williams, Gilbert G., assignor.)
Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Glider. 107,955; Jan. 18.
Goodkind, Lee, Williamsport, Pa. Slipper. 107,958; Jan. 18.
Graham, Barnett J., Okmulgee, Okla. Spool display cabinet. 107,957; Jan. 18.
Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,958; Jan. 18.
Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,959; Jan. 18.
Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,990; Jan. 18.
Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,991; Jan. 18.

Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,992; Jan. 18.
Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,993; Jan. 18.
Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 107,994; Jan. 18.
Herron, Archie L., assignor to Stewart-Warner Corporation, Chicago, Ill. Radio cabinet. 107,995; Jan. 18.
Hess, Clarence R. T., Prairie View, assignor to Edward Katzinger Company, Chicago, Ill. Strainer. 107,958; Jan. 18.
Higier, Julius A., Gloversville, N. Y. Glove. 107,996; Jan. 18.
Hiscock, William J., assignor to Wolfsheim & Sachs, Inc., Buffalo, N. Y. Jewelry display container or similar article. 107,997; Jan. 18.
Hiscock, William J., assignor to Wolfsheim & Sachs, Inc., Buffalo, N. Y. Jewelry display container or similar article. 107,998; Jan. 18.
Hiscock, William J., assignor to Wolfsheim & Sachs, Inc., Buffalo, N. Y. Jewelry display container or similar article. 107,999; Jan. 18.
Hiscock, William J., assignor to Wolfsheim & Sachs, Inc., Buffalo, N. Y. Jewelry display container or similar article. 108,000; Jan. 18.
Hochman, Sol B., New York, N. Y. Slip. 108,027; Jan. 18.
Hoffman, Jacob N., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Platen frame for typewriting machines. 108,014; Jan. 18.
Hood Rubber Company. (See Tousley, Nelson E., assignor.)
Ingersoll-Rand Company. (See Jones, Joseph W., assignor.)
Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Vegetable masher or similar article. 108,028; Jan. 18.
Jennings, Herbert G. (See Mulwitz, R., and Jennings.)
Jones, Joseph W., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Motor driven portable compressor. 108,001; Jan. 18.
Kapit, Harry A. (See Edwards, Steve, assignor.)
Katzinger, Edward, Company. (See Hess, Clarence R. T., assignor.)
Katzinger, Edward, Company, The. (See Jackson, Joseph G., assignor.)
Kelly, Robert A., East Pittsburgh, Pa. Plate or similar article. 108,005; Jan. 18.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. 108,002; Jan. 18.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Goblet or similar article. 108,003; Jan. 18.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Salad plate or similar article. 108,004; Jan. 18.
Knapp-Monarch Company. (See Smith, Howard A., assignor.)
Knapp, Raymond, Long Island City, N. Y. Dry shaver. 108,015; Jan. 18.
Kropp, Willis A., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Combined hose tower and cabinet for automobile service stations or the like. 107,959; Jan. 18.
Kropp, Willis A., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Combined hose tower and cabinet for automobile service stations or the like. 107,960; Jan. 18.
Kropp, Willis A., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Combined hose tower and cabinet for automobile service stations or the like. 107,961; Jan. 18.
Lampel, Ida, New York, N. Y. Dress. 108,053; Jan. 18.
Lanz, Josef, Salsburg, Austria, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass. Shoe. 107,962; Jan. 18.
Lathrop, Harvey, Forest Hills, N. Y. Box for cigarettes, playing cards, and the like. 108,010; Jan. 18.
Lentheric Incorporated. (See McIntosh, Frank, assignor.)
Leming, Arthur H., New York, N. Y. Shoe. 107,963; Jan. 18.
Libbey Glass Company. (See Fuerst, Edwin W., assignor.)
Libbey Glass Company. (See Hansen, Melvin O., assignor.)
Lowe, Joe, Corporation. (See West, John W., assignor.)
Magnin, Abraham, New York, N. Y. Dress. 108,054; Jan. 18.
Marshall, Clinton E., Bronx, N. Y. Pen and pencil clip. 107,964; Jan. 18.
Marshall, Clinton E., Bronx, N. Y. Pen and pencil clip. 107,965; Jan. 18.
Martin, James V., Hempstead, N. Y. Combined wheel and tire. 108,055; Jan. 18.
McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Bottle. 107,966; Jan. 18.
Michelson, Margaret, New York, N. Y. Dress. 108,029; Jan. 18.
Michelson, Margaret, New York, N. Y. Dress ensemble. 108,030; Jan. 18.
Miller, Henry, New York, N. Y. Coat. 108,031; Jan. 18.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Sink. 108,017; Jan. 18.
Mulwitz, Robert, Port Chester, and H. G. Jennings, assignors to American Renaissance Associates, Inc., White Plains, N. Y. Chair. 107,967; Jan. 18.
Norris, Charles C., Riverside, Calif. Toilet tank top. 108,018; Jan. 18.
O'Hara, Patricia Q., New York, N. Y. Scarf. 108,019; Jan. 18.
Opler, Edmond, Hinsdale, assignor to Siren Mills Corporation, Chicago, Ill. Label. 107,968; Jan. 18.
Owens-Illinois Pacific Coast Company. (See Steuer, Norman F., assignor.)
Park, Malcolm S., Mount Kisco, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric fan. 108,032; Jan. 18.
Perlman, Rubin, New York, N. Y. Dress. 108,033; Jan. 18.
Petty, Fred J., assignor to Ball Brothers Company, Muncie, Ind. Packer jar. 108,020; Jan. 18.
Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Workstand or the like. 107,969; Jan. 18.
Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Workstand or the like. 107,970; Jan. 18.
Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Press or the like. 107,971; Jan. 18.
Poster, Sidney J., New York, N. Y. Dress. 108,056; Jan. 18.
Price, David W., New York, N. Y. Dress ensemble. 107,972; Jan. 18.
Price, David W., New York, N. Y. Dress. 107,973; Jan. 18.
Price, David W., New York, N. Y. Dress. 107,974; Jan. 18.
Reinecke, Jean O., Chicago, assignor to Meta Dewes Burgweger, Winnetka, Ill. Advertising device or the like. 108,034; Jan. 18.
Reinecke, Jean O., Chicago, assignor to Meta Dewes Burgweger, Winnetka, Ill. Advertising device or the like. 108,035; Jan. 18.
Reinecke, Jean O., Chicago, assignor to Meta Dewes Burgweger, Winnetka, Ill. Advertising device or the like. 108,036; Jan. 18.
Rolfe, Nathan, New York, N. Y. Ensemble dress. 108,057; Jan. 18.
Ross, Walter, New York, N. Y. Textile fabric. 108,037; Jan. 18.
Rost, Katheryn, New York, N. Y. Dress. 107,975; Jan. 18.
Schwartz, Peter S., New York, N. Y. Textile fabric. 108,021; Jan. 18.
Sears, Roebuck and Co. (See Morgan, John R., assignor.)
Sengebusch, Hans, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone hand-set-mounting. 108,022; Jan. 18.
Shapiro, Benjamin, Brooklyn, N. Y. Dress. 108,058; Jan. 18.
Silverman, Jacob A., New York, N. Y. Coat. 108,038; Jan. 18.
Silverman, Jacob A., New York, N. Y. Coat. 108,039; Jan. 18.
Silverman, Jacob A., New York, N. Y. Coat. 108,040; Jan. 18.
Silverman, Jacob A., New York, N. Y. Coat. 108,041; Jan. 18.
Singer Manufacturing Company, The. (See Park, Malcolm S., assignor.)
Siren Mills Corporation. (See Opler, Edmond, assignor.)
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Waffle iron or the like. 108,006; Jan. 18.
Smith, Marie E., New York, N. Y. Dress. 108,059; Jan. 18.
Steinman, William G., New York, N. Y. Dress ensemble. 108,042; Jan. 18.
Stetson Shoe Company, The. (See Lanz, Josef, assignor.)
Steuer, Norman F., assignor to Owens-Illinois Pacific Coast Company, San Francisco, Calif. Jar. 108,023; Jan. 18.
Stewart-Warner Corporation. (See Herron, Archie L., assignor.)
Stewart-Warner Corporation. (See Kropp, Willis A., assignor.)
Stone, Gloria, Buffalo, N. Y. Combination blotter and pad holder for desks. 108,024; Jan. 18.
Teague, Walter D., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 107,976; Jan. 18.
Tousley, Nelson E., Waban, assignor to Hood Rubber Company, Inc., Watertown, Mass. Shoe sole. 107,977; Jan. 18.
Underwood Elliott Fisher Company. (See Hoffman, Jacob N., assignor.)
United States Glass Company. (See Kelly, Robert A., assignor.)
United States Glass Company. (See Kelly, Robert A., assignor.)
Wagner, Mildred, New York, N. Y. Dress. 107,978; Jan. 18.

Wagner, Mildred, New York, N. Y. Dress. 107,979; Jan. 18.
Wagner, Mildred, New York, N. Y. Dress. 108,060; Jan. 18.
Wallace, Wayne W., Harriman, Tenn. Garden tool. 108,043; Jan. 18.
Wallace, Wayne W., Harriman, Tenn. Garden tool. 108,044; Jan. 18.
Warshaw, Samuel, New York, N. Y. Dress. 107,980; Jan. 18.
Weissman, Samuel, New York, N. Y. Display container for watches. 107,981; Jan. 18.
West, John W., Maplewood, N. J., assignor to Joe Lowe Corporation, New York, N. Y. Handle stick. 108,025; Jan. 18.
Wilkinson, Gladys M., executrix. (See Wilkinson, James W.)
Wilkinson, James W., deceased, Kansas City, by G. M. Wilkinson, executrix, Johnson, Kans. Electric welding apparatus. 108,045; Jan. 18.
Williams, Othneil G., assignor to William L. Gilbert Clock Corporation, Winsted, Conn. Combination clock and weather and temperature indicator. 108,007; Jan. 18.
Willman, Carlton H. (See Allenby, W. F., and Willman.)
Wolfsheim & Sachs, Inc. (See Hiscock, William J., assignor.)
Woodward, Lee L., Owosso, Mich. Shelved table. 107,982; Jan. 18.
Zahn, Samuel, New York, N. Y. Dress ensemble. 108,061; Jan. 18.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 18TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott, Albert I. (See Miller, W. C., and Abbott.)
Acker, George H., Shaker Heights, assignor to The Farval Corporation, Cleveland, Ohio. Lubricating valve. 2,105,577; Jan. 18.
Acme Steel Company. (See Henderson, Clarence S., assignor.)
Adams, J. D., Manufacturing Company. (See Lyden, Frank J., assignor.)
Advance Machine Co. (See Gebert, A. E., and Black, assignors.)
Aiken, Thomas McG., Pittsburgh, Pa. Window operating and door locking mechanism. 2,105,830; Jan. 18.
Akau, George. (See Ley, G. J., Payne, and Akau.)
Aktiebolaget Facit. (See Carlström, B., and Hanson, assignors.)
Aldridge, Blair G., and E. G. Ragatz, assignors to Union Oil Company of California, Los Angeles, Calif. Preventing corrosion in the distillation of hydrocarbon oil. 2,105,874; Jan. 18.
Allen, S. L., & Co. (See Bowen, James M., assignor.)
Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,105,515; Jan. 18.
American Brass Company, The. (See Hull, Daniel R., assignor.)
American Casting & Manufacturing Corporation. (See Dietze, Emil, assignor.)
American Cyanamid & Chemical Corporation. (See Davis, Clarke F., assignor.)
American Electrical Heater Company. (See Hanser, C. A., and Thomas, assignors.)
American Plastics Corporation. (See Parsons, John, assignor.)
American Rolling Mill Company, The. (See Hudson, Edwin B., assignor.)
American Rolling Mill Company, The. (See Millan, Edward N., assignor.)
American Telephone and Telegraph Company. (See Darnell, E., Enoch, Grubb, and Freeman, assignors.)
American Telephone and Telegraph Company. (See Hathaway, L. A., and Fay, assignors.)
Anderson, Carl E. (See Montan, A., and Anderson.)
Anderson, Carl E., East Orange, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Slide loop. 2,105,516; Jan. 18.
Andreini, Michele, Milan, Italy. Carriage for Röntgen apparatus. 2,105,961; Jan. 18.
Andrussow, Leonid, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of hydrogen cyanide. 2,105,631; Jan. 18.
Angus, George, & Company Limited et al. (See Krasslet, Theodor, assignor.)
Armstrong, Clifford H., assignor to Copes Regulators Limited, London, England. Valve. 2,105,681; Jan. 18.
Associated Electric Laboratories, Inc. (See Lomax, Clarence E., assignor.)
Attenhofer, Adolf, Zurich, Switzerland. Ski attaching device. 2,106,110; Jan. 18.
Auditorium Conditioning Corporation. (See Hunicke, Clarence C., assignor.)
Ault, Waldo C., and C. A. Hochwalt, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Manufacture of Motor fuel. 2,105,464; Jan. 18.
Aurelius, Bernard E., et al. (See Olson, Oscar L., assignor.)
Aurelius, Eugene A., et al. (See Olson, Oscar L., assignor.)
Auslander, Henry, New York, N. Y. Sectional cigarette case. 2,105,517; Jan. 18.
Auto Research Corporation. (See Bijur, Joseph, assignor.)
Autogiro Company of America. (See Bennett, J. A. J., and Hodgess, assignors.)
Aviation Manufacturing Corporation. (See Preston, C. I., and Hammill, assignors.)
B. B. Chemical Co. (See Macdonald, Alexander D., assignor.)
Bahan, William H., Greenville, S. C. Shuttle box for looms. 2,105,578; Jan. 18.
Bailey Meter Company. (See Junkins, Raymond D., assignor.)
Baker, Louis S., Parlin, I. H. Morgan, South River, and R. J. Quaid, Sayreville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Process of nitrating cellulose. 2,105,627; Jan. 18.
Baker-Raulang Company, The. (See Remde, Edward H., assignor.)
Balbinder, Arthur. (See Feuer, S. R., Freedman, Hosinsky, and Balbinder.)
Bale, Ralph G., et al. (See McCarty, Roy C., assignor.)
Balmford, Alfred B., et al. (See Burn, Walter S., assignor.)
Balsiger, Harold H. (See Ott, C. L., and Balsiger.)
Bannon, Edward F., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Cord connector body. 2,105,465; Jan. 18.
Barber, Charles C., Rockville, Centre, N. Y., and C. W. McWilliams, Kearny, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Shaft bearing. 2,105,900; Jan. 18.
Barlow, Sidney D., and P. Sussman, New York, N. Y. Marking implement. 2,106,046; Jan. 18.
Barnes, Merritt S., Oneonta, N. Y. Lawn cleaning and fertilising machinery. 2,105,603; Jan. 18.
Barrett, George J., and S. Robichaux, Houston, Tex. Well-boring apparatus. 2,105,722; Jan. 18.
Barrett, George J., et al. (See Cutrer, C. C., and Broussard, assignors.)
Bates Manufacturing Company, The. (See Lang, William, assignor.)
Bausch & Lomb Optical Company. (See Papello, Karl, assignor.)
Bayer, Alfons, and K. Kösslinger, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of alkali cellulose. 2,106,111; Jan. 18.
Baylis, Robert M., Dayton, Ohio. Aerial toy. 2,105,579; Jan. 18.
Beall, Lee M., Tulsa, Okla. Arch and wall construction. 2,105,804; Jan. 18.
Beattie, Clay H., Jr. (See Hering, D., and Beattie.)
Bechik, Michael, St. Paul, Minn. Handle. 2,105,580; Jan. 18.
Beck, Charles R. and G. L., Anderson, Ind., assignors to Hillerich & Bradsby Co., Louisville, Ky. Apparatus for treating baseball bats. 2,105,466; Jan. 18.
Beck, Garnett L. (See Beck, Charles R. and G. L.)
Becker, Helmut, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Film loading cassette. 2,105,628; Jan. 18.
Becker, Helmut, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Moving picture camera cabette. 2,105,629; Jan. 18.
Becker, Helmut, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Photographic film camera. 2,105,630; Jan. 18.
Becker, Helmut, Wetzlar, Germany. Motion picture camera. 2,105,631; Jan. 18.
Becker, Joseph, Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company. Coking coal briquettes. 2,105,832; Jan. 18.
Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Selectivity control system. 2,105,518; Jan. 18.
Beers, Royce L., Birmingham, assignor to Detroit Stoker Company, Monroe, Mich. Apron tuyère for stokers. 2,105,675; Jan. 18.
Behr, Harry C. A., and J. J. Eck, assignors to Yorktown Electric Roaster Manufacturing Corporation, York, Pa. Automatic roaster. 2,105,778; Jan. 18.
Bell Telephone Laboratories, Incorporated. (See Barber, C. C., and McWilliams, assignors.)
Bell Telephone Laboratories, Incorporated. (See Clark, J. E., Ekstrand, and Ronci, assignors.)
Bell Telephone Laboratories, Incorporated. (See Dudley, Homer, W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Harrison, Henry C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Korn, Franklin A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Laico, Joseph P., assignor.)
Bell Telephone Laboratories, Incorporated. (See Meidenhall, Hialam E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Merriam, Francis F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Nyquist, Harry, assignor.)
Bell Telephone Laboratories, Incorporated. (See Ronci, Victor L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Towne, Charles C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Whitney, Wiley, assignor.)
Belmont Radio Corporation. (See Mattes, Harold C., assignor.)

Bendix, Harry, Antioch, Calif., assignor to Great Western Electro-Chemical Company. Manufacture of nitromethane. 2,105,581; Jan. 18.
Bender, Robert W., assignor to Inter-Collegiate Press, Kansas City, Mo. Plate holder for intaglio printing machines. 2,105,970; Jan. 18.
Bendix Aviation Corporation. (See Chappell, R. R., McCormack, and Stroh, assignors.)
Bendix Products Corporation. (See Price, Harold W., assignor.)
Bennett, James A. J., Geniate, Newton Mearns, and F. L. Hodgson, Clarkston, Scotland, assignors to Autogiro Company of America, Wilmer Grove, Pa. Aircraft having rotative sustaining wings. 2,106,033; Jan. 18.
Bensing, Mary L. V. (See Bensing, William A., and M. L. V.)
Bensing, William A., and M. L. V. Bensing, Lincoln, Nebr. Breeder. 2,105,719; Jan. 18.
Bergmans, Jan, Eindhoven, Netherlands, assignor to General Electric Company. Electric lamp. 2,106,079; Jan. 18.
Bernemer, Vincent, Shandaken, N. Y. Hose nozzle. 2,106,412; Jan. 18.
Bernhard, Edgar, et al. (See Bednarz, Alexander F., assignor.)
Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Diameter gauging apparatus. 2,105,962; Jan. 18.
Biddison, Pascal M., Dallas, Tex., and M. R. Ryan and C. R. Burns, assignors to Danciger Oil & Refineries, Inc., Tulsa, Okla. Treatment of hydrocarbons. 2,105,467; Jan. 18.
Bigelow-Sanford Carpet Co. (See Cooper, Wellesley B., assignor.)
Bijur, George, executor. (See Bijur, Joseph.)
Bijur, Joseph, deceased, by G. Bijur, executor, New York, N. Y.; said J. Bijur assignor, by mesne assignments, to Auto Research Corporation. Lubrication. 2,105,465; Jan. 18.
Birch, Harold W., Belmont, Mass. Darling table. 2,105,715; Jan. 18.
Birch, William T., Chicago, Ill. Water pressure regulator. 2,105,976; Jan. 18.
Bird, Herbert E. (See Jacobs, M. V., and Bird.)
Birge, Francis J., assignor to Seymour Manufacturing Company, Incorporated, Seymour, Ind. Weed cutter. 2,106,047; Jan. 18.
Black, Floyd C. (See Gebert, A. E., and Black.)
Blair, Joseph N., assignor of one-half to J. W. Roxborough, Detroit, Mich. Propeller. 2,105,923; Jan. 18.
Bloch, Julius. (See Heimsath, K. D., and Brassart, assignors.)
Bloom, Otto L. (See Isbell-Shalom, Samuel, and Bloom.)
Boeff Corporation. (See Behmler, Frank D., assignor.)
Bodell, Henry R., Cushing, N. Y., assignor to Celanese Corporation of America. Colored artificial yarn and like materials and making same. 2,105,518; Jan. 18.
Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Production of resins. 2,105,461; Jan. 18.
Bob, George W., Chattanooga, Tenn. Packing case. 2,105,924; Jan. 18.
Bohman, Axel J. (See Graves, R. V., and Bohman.)
Bonato, Martin, Santa Barbara, Calif. Brace holder and press. 2,106,112; Jan. 18.
Boston, William E., Leicester, England. Knitting machine. 2,105,965; Jan. 18.
Berg-Warner Corporation. (See Rohnberg, Axel F., assignor.)
Borg-Warner Corporation. (See Rucemberg, Carl A., assignor.)
Bosch, Henry, Jr., San Francisco, Calif. Retrieving mechanism. 2,105,460; Jan. 18.
Bowen, James M., Cape May Court House, N. J., assignor to S. L. Allen & Co., Inc., Philadelphia, Pa. Seeding sled. 2,105,633; Jan. 18.
Bowen, John E., Akron, Ohio. Watch construction. 2,105,966; Jan. 18.
Bower Roller Bearing Company. (See Ortegren, Herman A., assignor.)
Bower Roller Bearing Company. (See Zimmerman, Thomas, assignor.)
Bower, Ward E., Washington, D. C. Apparatus for timing. 2,105,470; Jan. 18.
Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine work support. 2,106,020; Jan. 18.
Boyle, Thomas F. (See Pate, Walker M., assignor.)
Boyler, George S., Peterborough, Ontario, Canada. Locomotive draft chamber. 2,106,016; Jan. 18.
Brassart, Otto. (See Heimsath, K. D., and Brassart.)
Braun, Philip N., and E. Davis, assignors to The Prosperity Company Inc., Syracuse, N. Y. Garment or ironing press. 2,105,936; Jan. 18.
Brandel, Georges F., assignor to Societe Anonyme: Societe Marbriere de Paris, Paris, France. Machine for facing the surfaces of hard substances by pressure. 2,106,034; Jan. 18.
Bridgeport Chain & Manufacturing Company, The. (See Freddino, Carney, assignor.)
Briggs Manufacturing Company. (See Graf, Vincent J., assignor.)
Briggs & Stratton Corporation. (See Jacobi, Edward N., assignor.)
Brinker, Frederic A., Denver, Colo. Froth flotation method. 2,105,901; Jan. 18.
Brinkmann, Adolph, Milwaukee, Wis. Ball swinging toy. 2,105,822; Jan. 18.
Brodie, Alan M., Richmond, Va. Golf bag. 2,105,858; Jan. 18.
Brougher, John W., Bremen, Ind. Vehicular traffic signal. 2,106,113; Jan. 18.
Broussard, Joseph L. (See Cutrer, C. C., and Broussard.)
Brown, Betsy C., et al. (See Johnson, Paul W., assignor.)
Brown, Fred O. C., Grand Rapids, Mich. Cuff. 2,105,471; Jan. 18.
Brown, William E. (See Dyer, J. B., and Brown.)
Brumb Development Company, The. (See Williams, Alfred L. W., assignor.)
Buc, Hyym E. (See Rosen, B. Buc, and Lobe, assignors.)
Buck, Frederick W., Washington, D. C. Building. 2,105,854; Jan. 18.
Buckeye Traction Ditcher Company, The. (See George, Charles L., assignor.)
Burdick, Charles L., London, England. Apparatus for determining the moisture content of substances. 2,105,683; Jan. 18.
Burdsal, Charles S., and R. E. W. Titel, Phoenix, Ariz., assignors of fifty-one per cent to said Burdsal and forty-nine per cent to said Titel. Fluid meter. 2,106,007; Jan. 18.
Burke, Charles R. (See Biddison, Pascal M., Ryan, and Burke.)
Burn, Walter S., Hartlepool, assignor to The National Gas and Oil Engine Company, Limited, A. R. Bulmford, Ashton-under-Lyne, and W. S. Burn, Hartlepool, England. Internal combustion engine. 2,105,717; Jan. 18.
Burrows, Lawton A., Wenonah, and W. F. Pilbert, Woodbury, N. J., and E. E. Reid, Baltimore, Md., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ignition composition. 2,105,635; Jan. 18.
Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam safety guard structure. 2,105,906; Jan. 18.
Buttler, William J., Bickley, assignor to Kleemeiners (British & Overseas) Ltd., Bromley, England. Machine for the manufacture of cartons and the like. 2,105,582; Jan. 18.
Byers, Edwin W., Chicago, Ill. Flashing. 2,105,996; Jan. 18.
Cahn, Charles, Brooklyn, N. Y. Dry shaver. 2,105,835; Jan. 18.
Campbell, A. S., Co. (See Campbell, Alphonse S., assignor.)
Campbell, Alphonse S., Winchester, assignor to A. S. Campbell Co., Inc., East Boston, Mass. Vertical bumper. 2,106,126; Jan. 18.
Campbell, Harry E., Baltimore, Md., assignor to Campbell Metal Window Corporation, New York, N. Y. Casement window operating means. 2,106,081; Jan. 18.
Campbell Metal Window Corporation. (See Campbell, Harry E., assignor.)
Candy, Albert T., Jr., Oak Park, assignor to Candy & Company, Inc., Chicago, Ill. Coded wire. 2,106,043; Jan. 18.
Candy & Company. (See Candy, Albert T., Jr., assignor.)
Capezio, Salvatore, East Paterson, N. J. Sound producing device for footwear. 2,105,842; Jan. 18.
Carbide and Carbon Chemicals Corporation. (See Boese, Albert B., Jr., assignor.)
Carborundum Company, The. (See Klomp, Alfred W., assignor.)
Carey-McFall Co. (See Stuber, Walter J., assignor.)
Carey, Philip, Manufacturing Company, The. (See Graider, H. W., and Fasold, assignors.)
Carlson, Axel W. (See Stake, H., and Carlson.)
Carlson, Gustave A., Detroit, Mich. Adjustable finishing machine. 2,106,082; Jan. 18.
Carlström, Bengt, and E. Hanson, assignors to Aktiebolaget Facit, Atvidaberg, Sweden. Calculating machine and the like. 2,105,520; Jan. 18.
Carney, George C., assignor to H. W. Dietert, Detroit, Mich. Core box stripping machine. 2,105,877; Jan. 18.
Casselman, Elbridge J., Pittsburgh, Pa., assignor to Magazine Repeating Razor Company. Razor blade and steel therefor. 2,105,583; Jan. 18.
Castle, Alfred J., assignor to Inland Steel Company, Chicago, Ill. Rolling ferrous sheets. 2,105,968; Jan. 18.
Castle, Alfred J., assignor to Inland Steel Company, Chicago, Ill. Method of and apparatus for producing ferrous sheet metal. 2,105,969; Jan. 18.
Cawein, Madison, Manhasset, N. Y., assignor to Haselstine Corporation. Periodic voltage generator. 2,105,902; Jan. 18.
Celanese Corporation of America. (See Bodell, Henry R., assignor.)
Celanese Corporation of America. (See Dickie, W. A., and Manchief, assignors.)
Celanese Corporation of America. (See Martin, H. E., and Bauer, assignors.)
Celanese Corporation of America. (See Moss, William H., assignor.)
Celanese Corporation of America. (See Whitehead, William, assignor.)

Cellufoam Corporation. (See Weatherod, George C., assignor.)
Challis, Gail, assignor of one-half to T. T. Logan, Russell Springs, Kans. Row crop mulcher. 2,105,805; Jan. 18.
Chamberlain, Alfred J., Wauwatosa, Wis., assignor to General Metalware Company, Minneapolis, Minn. Dispensing container. 2,105,718; Jan. 18.
Champion Knitwear Company. (See Feinbloom, William F., assignor.)
Champion, Necole, Orange, N. J. Photograph identification. 2,105,521; Jan. 18.
Chappell, Ralph R., Richmond, Va., and D. McCormack, Lutherville, and R. J. Streb, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Means for controlling conditions or operations. 2,104,063; Jan. 18.
Chemical Works formerly Sandoz. (See Knecht, O., and Wirth, assignors.)
Chicago Railway Equipment Company. (See Busse, Edwin G., assignor.)
Chicago Railway Equipment Company. (See Cottrell, Robert B., assignor.)
Christensen, Chris T., Alhambra, Calif., assignor, by decree of court, to M. T. Christensen. Sand and mud separator. 2,105,584; Jan. 18.
Christensen, Mary T. (See Christensen, Chris T., assignor.)
Chrysler Corporation. (See Lee, Roger K., assignor.)
Chrysler Corporation. (See Patterson, Herbert F., assignor.)
Chrysler Corporation. (See Stamy, David R., assignor.)
Chrysler Corporation. (See Werdehoff, Albert B., assignor.)
Churrell, Franklin O., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Back cushion. 2,105,997; Jan. 18.
Ciarrocchi, Igino. (See Levi, M. G., Mariotti, and Ciarrocchi.)
Clark, James E., Long Island City, S. O. Ekstrand, Bergenfield, and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. High power discharge device. 2,105,472; Jan. 18.
Clevenger, Sherman, Cleveland, Ohio. Fire lighter. 2,105,522; Jan. 18.
Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Substituted secondary amines as antioxidants for deteriorable organic compositions. 2,105,806; Jan. 18.
Clisbe, Floyd O., and V. Kelly, Chicago, Ill.; said Kelly assignor to said Clisbe. Spraying device. 2,105,903; Jan. 18.
Coddington, Edwin D., Douglaston, Long Island, assignor to Reynolds Corporation, New York, N. Y. Joist suspension. 2,106,084; Jan. 18.
Cohen, Samuel, Brooklyn, assignor to General Instrument Corporation, New York, N. Y. Variable condenser. 2,105,878; Jan. 18.
Coleman, Lyale R., McAllen, and G. L. Cowley, Alamo, Tex. Insecticidal oil. 2,105,856; Jan. 18.
Collins, Cap B., Washington, D. C. Portable electric light. 2,105,719; Jan. 18.
Collins, John J., et al. (See Johnson, Paul W., assignor.)
Colman, Howard D. (See Lilja, Edgar D., assignor.)
Colucci, Nicholas A., Rochester, N. Y. Freewheeling clutch. 2,106,049; Jan. 18.
Consolidated Lithograph Manufacturing Co. Limited. (See Ouellette, Alphonse, assignor.)
Consolidated Water Power & Paper Company et al. (See Massey, P. J., Thiele, and Raprager, assignors.)
Cook, Edward G., Brooklyn, assignor of one-fourth to I. Goldberg, New York, N. Y. Barrel. 2,105,939; Jan. 18.
Cooper, Wellesley B., Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Floor covering. 2,105,720; Jan. 18.
Copes Regulators Limited. (See Armstrong, Clifford H., assignor.)
Cordes, Bertha L. (See Cordes, Henry G.)
Cordes, Henry G., Palo Alto, Calif.; B. L. Cordes, owner by decree of court. Vacuum tube. 2,105,463; Jan. 18.
Corn Products Refining Company. (See Swallen, Lloyd C., assignor.)
Costa, Joseph L., Woonsocket, assignor to Manville Jenckes Corporation, Manville, R. I. Treatment of acid setting baths used in the manufacture of cellulose products from viscose. 2,105,684; Jan. 18.
Cottrell, Robert B., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake beam safety guard. 2,105,906; Jan. 18.
Cowley, Gerald L. (See Coleman, L. R., and Cowley.)
Cox, George D., assignor to Williams and Marcus Company, Philadelphia, Pa. Indicia holder for telephones. 2,105,685; Jan. 18.
Crabbs, Herbert J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,106,114; Jan. 18.
Crago, Arthur, Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y. Differential concentration of non-metallic minerals. 2,105,807; Jan. 18.
Cramer, Howard L., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,105,808; Jan. 18.
Crawford, Robert B. P. (See Labus, O. A., and Crawford.)
Creed, James G., Houston, Tex., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Measuring line catcher. 2,106,626; Jan. 18.
Crosley Radio Corporation, The. (See Money, Boland H., assignor.)
Cross, Marrero. (See Huseby, Oscar H., assignor.)
Crossley, Alfred. (See Spearin, Harold P., assignor.)
Cunningham, Lewis L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Combustion control system. 2,105,696; Jan. 18.
Currie, Dugald. Des Moines, Iowa. Wagon hitch. 2,105,588; Jan. 18.
Cutrer, Cecil C., and J. L. Broussard, Sulphur, La., assignors to G. J. Barrett and S. Robichaux, Houston, Tex. Whipstock. 2,105,721; Jan. 18.
Dawson, John R., Oak Park, and L. E. Wemple, Chicago, Ill. Die casting apparatus. 2,105,586; Jan. 18.
Dale, Frank L., Hartsville, Ind. Automaton merchandising device. 2,106,904; Jan. 18.
Danciger Oil & Refineries, Inc. (See Biddison, P. M., Ryan, and Burke, assignors.)
Darley, Lon J., Jackson, Miss., assignor, by mesne assignments, to Gravity Meter Corporation. Parking meter. 2,105,970; Jan. 18.
Darnell, Eugene, and H. L. Enoch, Kansas City, and J. N. Grubb, Chillicothe, Mo., and A. E. Freeman, South Orange, N. J., assignors to American Telephone and Telegraph Company. Earth boring machine. 2,105,587; Jan. 18.
Daum, Charles, Forest Hills, Long Island, N. Y. Lunch kit. 2,106,638; Jan. 18.
Davenport Machine Tool Co. (See Silva, Frederick G., assignor.)
Davey, Paul H., Kent, Ohio. Power take-off and associated mechanism. 2,106,085; Jan. 18.
Davey, Paul H., Kent, Ohio. Power take-off and associated mechanism. 2,106,086; Jan. 18.
Davey, Paul H., Kent, Ohio. Power transmitting apparatus. 2,106,087; Jan. 18.
Davis, Charles T., Beverly Hills, Calif. Apparatus for abrading strand material. 2,105,637; Jan. 18.
Davis, Clarke F., Short Hills, N. J., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation. Floating partition. 2,105,595; Jan. 18.
Davis, Ernest. (See Braun, P. N., and Davis.)
Davis, Joseph R., Clarksburg, W. Va. Internal combustion engine. 2,105,780; Jan. 18.
Davis, Lewis H., Haddonfield, N. J., assignor to Radio Corporation of America. Indicator. 2,105,639; Jan. 18.
Davol Rubber Co. (See Raiche, Paul A., assignor.)
Day, Salisbury M., assignor to General Railway Signal Company, Rochester, N. Y. Automatic block signaling system for railroads. 2,105,905; Jan. 18.
De Berry, Homer H., Tulsa, Okla. Key receptacle. 2,105,763; Jan. 18.
De Bourgogne, Helene. (See Hoffman, Grover C., assignor.)
Debrie, Andre L. V. C., Paris, France. Cinematographic intermittent film feed and shutter. 2,106,115; Jan. 18.
De Hart, Arthur D., Modesto, Calif. Automatic door for turkey nests. 2,105,879; Jan. 18.
Delaware Company. (See Goodman, Abraham, assignor.)
Demers, Isaie J. B., assignor to Superior Metal Products Company, St. Paul, Minn. Hot plating containers. 2,105,908; Jan. 18.
Demers, Isaie J. B., assignor to Superior Metal Products Company, St. Paul, Minn. Electric welding machine. 2,105,907; Jan. 18.
Denney, Courtlandt F., assignor to Foster Wheeler Corporation, New York, N. Y. Oil refining. 2,105,523; Jan. 18.
Derby, George T., Jacksonville, Fla. Traffic signal device. 2,105,857; Jan. 18.
De Tar, Donald R., Stratford, Conn., assignor to General Electric Company. Drive mechanism. 2,106,068; Jan. 18.
Detroit Electric Furnace Company. (See Weinheimer, Claude M., assignor.)
Detroit Stoker Company. (See Beers, Royce L., assignor.)
Diamond Alkali Company. (See Elledge, H. G., and Hirsch, assignors.)
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Trailer or truck braking mechanism. 2,105,840; Jan. 18.
Dick, James W., Calgary, Alberta, Canada. Suspender connection. 2,105,909; Jan. 18.
Dick, James W., High River, Alberta, Canada. Garment suspender. 2,105,908; Jan. 18.
Dicke, Allen A., Montclair, N. J., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 2,105,640; Jan. 18.
Dickie, William A., and E. W. Mesecrief, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile apparatus. 2,105,474; Jan. 18.
Diebold Safe & Lock Co. (See Miller, W. C., and Abbott, assignors.)

Dietert, Harry W. (See Carney, George C., assignor.)
Dietze, Emil, Richmond Hill, assignor to American Casting & Manufacturing Corporation, Brooklyn, N. Y. Hasp seal. 2,105,824; Jan. 18.
Dixon, Frederick W., Reigate, England. Chassis for motor driven vehicles. 2,105,731; Jan. 18.
Dodge, Howard M. (See Fenton, F., and Dodge.)
Douthitt, Frank W., Ortonville, Minn. Corn ear trimmer. 2,105,525; Jan. 18.
Draeger, Rupert H., U. S. Navy. Camera shutter. 2,105,475; Jan. 18.
Drake, Frederick H., Boonton, N. J., assignor to Radio Corporation of America. Automatic volume control circuit. 2,105,641; Jan. 18.
Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Flaw detector mechanism. 2,105,050; Jan. 18.
Dubbs, Carbon P., Wilmette, assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,105,526; Jan. 18.
Dudley, Homer W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier wave transmission system. 2,106,910; Jan. 18.
Duncan, Robert D., Jr., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Carrier supply system. 2,105,909; Jan. 18.
Dunlop Tire and Rubber Corporation. (See Church, Franklin O., assignor.)
Dunning, Orville M., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electrochemical translating device. 2,106,051; Jan. 18.
Du Pont, E. I., de Nemours & Company. (See Baker, L. S., Morgan, and Quaid, assignors.)
Du Pont, E. I., de Nemours & Company. (See Burrows, L. A., Filbert, and Reid, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lazier, Wilbur A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lazier, W. A., and Vaughan, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lycan, William H., assignor.)
Dura Company. (See Floraday, Burton S., assignor.)
Dyer, John R., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Engine control apparatus. 2,105,643; Jan. 18.
Dyer, John R., Pendleton, and W. H. Brown, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Starter control system. 2,105,723; Jan. 18.
Dzukalo, Leo, Badaxe, Mich. Window lock. 2,106,116; Jan. 18.
Eades, John A., assignor to Read Machinery Company, Incorporated, York, Pa. Hopper discharge apparatus. 2,105,589; Jan. 18.
Eastern Tool & Mfg. Co. (See Anderson, Carl E., assignor.)
Eastern Tool & Mfg. Co. (See Montan, A., and Anderson, assignors.)
Easy Washing Machine Corporation. (See Nelson, Jabez C., assignor.)
Eck, Jules J. (See Behr, H. C. A., and Eck.)
Eclipse Machine Company. (See Maurer, Paul H., assignor.)
Edison, Thomas A., Incorporated. (See Dunning, Orville M., assignor.)
Ekstrand, Sture O. (See Clark, J. E., Ekstrand, and Ronci.)
Electric Controller & Manufacturing Company, The. (See Wright, David C., assignor.)
Electric & Musical Industries Limited. (See White, E. L. C., and Percival, assignors.)
Elledge, Hasvey G., and A. Hirsch, assignors to Diamond Alkali Company, Painesville, Ohio. Producing strontium carbonate. 2,106,131; Jan. 18.
Emsco Asbestos Company. (See Father, Donald W., assignor.)
Endowment Foundation. (See McLean, H. C., and Weber, assignors.)
Enoch, Henry L. (See Darnell, E., Enoch, Grubb, and Freeman.)
Enochson, Guy O., Austin, Minn. Lathe attachment. 2,105,687; Jan. 18.
Enson, Dorsey A. (See Martin, H. E., and Enson.)
Etsten, Morris H., assignor to Independent Lock Company, Fitchburg, Mass. Lock. 2,105,890; Jan. 18.
Evans, Harry O. N., Jr., Pittsburgh, Pa. Radio program announcer. 2,105,527; Jan. 18.
Evans, James M., Detroit, Mich., assignor, by mesne assignments, to Grade Crossing Guard Corporation, Memphis, Tenn. Pump structure. 2,105,909; Jan. 18.
Everett, Samuel J. (See Roebuck, L. N., and Everett.)
Faber, Herbert A., Cincinnati, Ohio. Air filter and humidifier. 2,106,025; Jan. 18.
Fairlie, Matthew. (See Vebach, A. C., and Fairlie.)
Farval Corporation, The. (See Acker, George H., assignor.)
Farval Corporation, The. (See Hillis, David R., assignor.)
Fasold, George A. (See Greider, H. W., and Fasold.)
Faulds, John, Oak Park, Ill. Bake oven. 2,106,052; Jan. 18.
Fauth, Philipp L., Wiesbaden-Dotzheim, assignor to Gesellschaft zur Verwertung Fauth'scher Patente m. b. H., Wiesbaden, Germany. Apparatus for dehydrating oil-containing material, having a high water content, particularly whale flesh. 2,105,782; Jan. 18.
Fay, Harry H. (See Hathaway, L. A., and Fay.)
Federal Telegraph Company. (See Webster, Fullerton D., assignor.)
Feight, Oscar J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Apparatus for breaking down materials. 2,105,764; Jan. 18.
Feinbloom, William F., assignor to Champion Knitwear Company, Inc., Rochester, N. Y. Applying flock. 2,106,132; Jan. 18.
Fellow Gear Shaper Company, The. (See Stubbs, Everard, assignor.)
Fenton, Frank, and H. M. Dodge, Akron, Ohio, assignors to the B. F. Goodrich Company, New York, N. Y. Doll head. 2,106,510; Jan. 18.
Fessenden, George E., Mount Vernon, N. Y. Preserving the natural color in plant specimens. 2,105,668; Jan. 18.
Father, Donald W., assignor to Emsco Asbestos Company, Downey, Calif. Friction tape wrapping. 2,105,881; Jan. 18.
Feuer, Sidney E., H. Freedman, H. Hosinsky, and A. Balbinder, Brooklyn, N. Y. Continuous outlet system. 2,105,833; Jan. 18.
Fibreboard Products, Inc. (See Stitt, Claude M., assignor.)
Fick, Bernice, assignor to Kroger Grocery & Baking Company, Cincinnati, Ohio. Preparing stable chocolate milk. 2,106,089; Jan. 18.
Field, Edward A., and H. A. Field, Jr., Chicago, Ill. Draft stabilizer. 2,105,724; Jan. 18.
Field, Edward A., Jr. (See Field, Edward A., and H. A., Jr.)
Filbert, William F. (See Burrows, L. A., Filbert, and Reid.)
Fisher, Elbert E., St. Louis, Mo. Manufacture of barium compounds. 2,105,940; Jan. 18.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Transportable cable-winding mechanism. 2,106,476; Jan. 18.
Flashfold Box Corporation. (See Fries, Nestor, assignor.)
Fleisher, Walter L., New City, N. Y. Air conditioning system. 2,105,882; Jan. 18.
Floraday, Burton S., assignor to Dura Company, Toledo, Ohio. Dome light assembly. 2,106,144; Jan. 18.
Floraday, Burton S., assignor to Dura Company, Toledo, Ohio. Vehicle lamp. 2,106,145; Jan. 18.
Floyd, Robert W. (See Godfrey, F. M., and Floyd.)
Flynn, Benjamin H., Alexandria, La. Wheeled supporting means for heavy machines. 2,106,090; Jan. 18.
Flynn, Edmund J., Palmerton, Pa., assignor to The New Jersey Zinc Company. Manufacture of pigment. 2,105,834; Jan. 18.
Folsy, George A., assignor to Winchester Repeating Arms Company, New Haven, Conn. Disintegrating bullet. 2,105,528; Jan. 18.
Fonarrow, Nelson J. (See Geller, Leon W., assignor.)
Foster, Fred L., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y. Radiator. 2,106,001; Jan. 18.
Foster, Harold B., Williamsville, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Purification of phthalic anhydride. 2,105,911; Jan. 18.
Foster Wheeler Corporation. (See Denney, Courtlandt F., assignor.)
Foster Wheeler Corporation. (See Swanson, Harry R., assignor.)
Fournace Development Corporation. (See Fourness, Wilfred, assignor.)
Fourness, Wilfred, Oakland, Calif., assignor, by mesne assignments, to Fourness Development Corporation, Ltd. Compressor system. 2,105,765; Jan. 18.
Francis, Earle V., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Fine grinding mill. 2,105,766; Jan. 18.
Frank, Michael, and D. Willinger, Freeport, N. Y. Hairpin dispenser. 2,105,811; Jan. 18.
Franklin, Lester K., Chicago, Ill. Locking handle for automobile hoods. 2,105,912; Jan. 18.
Freddino, Carney, assignor to The Bridgeport Chain & Manufacturing Company, Bridgeport, Conn. Coupling device for flexible members. 2,105,639; Jan. 18.
Freedman, Hyman. (See Feuer, S. E., Freedman, Hosinsky, and Balbinder.)
Freeman, Albert E. (See Darnell, E., Enoch, Grubb, and Freeman.)
Freiberg, Ernest, Brooklyn, N. Y. Bandage binder clip. 2,105,725; Jan. 18.
Frick Company. (See Labus, O. A., and Crawford, assignors.)
Fries, Nestor, assignor to Flashfold Box Corporation, Fort Wayne, Ind. Strip cutting and applying machine. 2,105,726; Jan. 18.
Fritzsch, Frank A., Cincinnati, Ohio. Power transmission mechanism. 2,105,914; Jan. 18.
Fritzsch, Frank A., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Lathe. 2,105,913; Jan. 18.

Gardner Dairy Equipment Corporation. (See Gardner, John M., assignor.)

Gardner, John H., Holding, assignor to Gardner Dairy Equipment Corporation, Grand Rapids, Mich. Liquid homogenizing and the like method and apparatus. 2,105,926; Jan. 18.

Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Corporation. Lubricating device. 2,105,492; Jan. 18.

Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Lubricating apparatus. 2,105,493; Jan. 18.

Gebert, Albert E., Wilmette, and F. G. Black, assignors to Advance Machine Co., Chicago, Ill. Vending machine. 2,105,644; Jan. 18.

Gebhart, Wilmar O. (See Shippy, L. C., and Gebhart.)

Geer, Georgia L. S., et al. (See Schofield, George L.)

Gelber, Leon W., Astoria, assignor of two-thirds to N. J. Penarrow, New York, N. Y. Adhesive tape. 2,105,726; Jan. 18.

Gemmill, William P., York, Pa. Combination divider and platform support. 2,105,645; Jan. 18.

General Alloys Company. (See McCormick, George C., assignor.)

General Aniline Works, Inc. (See Hoffa, E., and Heyna, assignors.)

General Aniline Works, Inc. (See Neresheimer, H., and Ruppel, assignors.)

General Aniline Works Inc. (See Schirm, Erik, assignor.)

General Electric Company. (See Bergmans, Jan, assignor.)

General Electric Company. (See De Tar, Donald R., assignor.)

General Electric Company. (See Jones, Benjamin W., assignor.)

General Electric Company. (See Paxton, Robert, assignor.)

General Electric Company. (See Rick, Theodore A., assignor.)

General Electric Company. (See Safford, Moyer M., assignor.)

General Electric Company. (See Schmidt, Friedrich, assignor.)

General Electric Company. (See Schäbel, F., and Schubert, assignors.)

General Electric Company. (See Stark, Julian H., assignor.)

General Electric Company. (See Welch, Alfred F., assignor.)

General Instrument Corporation. (See Cohen, Samuel, assignor.)

General Metalware Company. (See Chamberlain, Alfred J., assignor.)

General Mills, Inc. (See Hodge, James P., assignor.)

General Motors Corporation. (See Dyer, John B., assignor.)

General Motors Corporation. (See Dyer, J. B., and Brown, assignors.)

General Motors Corporation. (See Hull, Harry B., assignor.)

General Motors Corporation. (See Shippy, L. C., and Gebhart, assignors.)

General Motors Corporation. (See Smilack, Jacob, assignor.)

General Railway Signal Company. (See Day, Salisbury M., assignor.)

General Railway Signal Company. (See Reichard, Wade H., assignor.)

George, Charles L., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Fairlead. 2,106,000; Jan. 18.

George, Landon C., Chicago, Ill. Electrical switch. 2,105,823; Jan. 18.

Gerlach, Erwin, Berlin-Siemensstadt, assignor to Klangfilm G. m. b. H., Berlin, Germany. Speed control system. 2,105,529; Jan. 18.

Gersten, William, Brooklyn, N. Y. Cabinet. 2,105,783; Jan. 18.

Gerted Corporation. (See Lichtenstein, Harry, assignor.)

Gesellschaft zur Verwertung Fauth'scher Patente m. b. H. (See Fauth, Philipp L., assignor.)

Gertelman, Fredrick, Milwaukee, Wis. Removing coating from containers. 2,105,707; Jan. 18.

Gilcrist, Robert S., Chicago, Ill., assignor to Lewis-Howe Company, St. Louis, Mo. Display and shipping carton. 2,105,942; Jan. 18.

Gillette Safety Razor Company. (See Tsetli, Nicholas, assignor.)

Glasscock, John E., Oklahoma City, Okla. Locking stop valve. 2,106,092; Jan. 18.

Gleason, Stanley F., Philadelphia, Pa., assignor to Ham Beller Corporation, Port Chester, N. Y. Meat processing and molding device. 2,105,941; Jan. 18.

Glidden Company, The. (See Moore, C. G., and Zucker, assignors.)

Gleor, Walter E., assignor to Hercules Powder Company, Wilmington, Del. Bottle cap. 2,105,766; Jan. 18.

Goettinger, Charles B., Minneapolis, Ind. Insecticides. 2,105,727; Jan. 18.

Godfrey, Aslee L. (See Smith, Bertha O., assignor.)

Godfrey, Fanny M., Tarrytown, N. Y., and R. W. Floyd, Bloomfield, N. J.; said Floyd assignor to said Godfrey. Tonic food product and making same. 2,105,477; Jan. 18.

Goess, Arthur A., Milwaukee, Wis. Damper construction. 2,106,692; Jan. 18.

Goldberg, Isadore. (See Cook, Edward G., assignor.)

Goldberg, Jacob M., Denver, Colo. Moving picture film reel. 2,105,530; Jan. 18.

Golden, Fred. (See Ballenstedt, John J. O., assignor.)

Goldfarb, Julius, Los Angeles, M. Goldfarb, Altadena, and H. W. Hahn, Glendale, Calif. Dispenser for mayonnaise and like materials. 2,105,648; Jan. 18.

Goldfarb, Meer. (See Goldfarb, Julius and M., and Hahn.)

Goldman, Maurice A., assignor to Johnson & Johnson, New Brunswick, N. J. Metal backed pressure-sensitive adhesive. 2,106,133; Jan. 18.

Goldschmidt, Victor M., Oslo, Norway. Refractories. 2,105,943; Jan. 18.

Goldsworth Bros. Inc. (See Holdsworth, Harry, assignor.)

Goodman, Abraham, Brooklyn, N. Y., assignor to Delaware Company, Inc. Hair curling device. 2,105,720; Jan. 18.

Goodman Manufacturing Company. (See Madeira, John R., assignor.)

Goodrich, B. F., Company, The. (See Fenton, F., and Dodge, assignors.)

Goodwin, George, assignor to Royal Electric Company, Incorporated, Avon, Mass. Electric fuse. 2,105,501; Jan. 18.

Gordon, John T., and R. W. Snyder, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Bead wire die. 2,105,812; Jan. 18.

Gosling, Herbert E., Providence, assignor to Hemphill Company, Central Falls, R. I. Yarn speed indicating means. 2,106,146; Jan. 18.

Goss, Harry T., Rutherford, N. J., assignor to L. N. S. Corporation, New York, N. Y. Fluid dispensing apparatus. 2,105,813; Jan. 18.

Gottlieb, Max, Chicago, Ill. Hair waving appliance. 2,105,730; Jan. 18.

Grade Crossing Guard Corporation. (See Evans, James M., assignor.)

Graf, Vincent J., assignor to Briggs Manufacturing Company, Detroit, Mich. Making sinks. 2,105,944; Jan. 18.

Graham, William A., Houston, Tex. Toasting machine. 2,105,858; Jan. 18.

Grammes, L. F., & Sons, Inc. (See Weindel, Fred, Jr., assignor.)

Graumann, Erich. (See Zetzsche, W., and Graumann.)

Graves Process, Inc., The. (See Graves, R. V., and Bohman, assignors.)

Graves, Roy V., and A. J. Bohman, assignors to The Graves Process, Inc., Minneapolis, Minn. Composing machine. 2,105,731; Jan. 18.

Gravity Meter Corporation. (See Darley, Lon J., assignor.)

Great Western Electro-Chemical Company. (See Bender, Harry, assignor.)

Greenblatt, Carl J., Bayonne, N. J. Effervescent tablet. 2,105,690; Jan. 18.

Greer, Frederick W., Belmont, assignor to J. W. Greer Company, Middlesex, Mass. Conveying apparatus. 2,106,134; Jan. 18.

Greer, J. W., Company. (See Greer, Frederick W., assignor.)

Greider, Harold W., Wyoming, and G. A. Fasold, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company. Making bituminized web materials. 2,105,531; Jan. 18.

Griffey, Leon J., and C. C. Herndon, assignors to Hanlon-Waters, Inc., Tulsa, Okla. Time control mechanism. 2,106,694; Jan. 18.

Griffin, George, Paterson, N. J., assignor, by mesne assignments, of three-fourths to M. P. Griffin, and one-fourth to J. W. Steward. Manufacture of attrition devices. 2,105,915; Jan. 18.

Griffin, Miller P., et al. (See Griffin, George, assignor.)

Grigg, Arthur F., Metuchen, and J. E. Zeller, Montclair, N. J. Automotive radiator sealing and pressure relief means. 2,105,971; Jan. 18.

Gross, Otto J., and J. H. Woolhiser, Elmhurst, N. Y. Thermostatic control device. 2,106,001; Jan. 18.

Grubb, Joel N. (See Darnell, E., Enoch, Grubb, and Freeman.)

Guest, John F., Kelowna, British Columbia, Canada, assignor of one-half to J. L. Rosenberg, New York, N. Y. Rifle. 2,106,027; Jan. 18.

Gutwein, Theodore, Dayton, Ohio. Shoe. 2,105,647; Jan. 18.

Haas, Louis W., Chicago, Ill., assignor to The W. E. Long Company. Sterilizing wrapped bakery products. 2,105,648; Jan. 18.

Hagberg, Paul C., Cleveland, Ohio. Window channel or the like. 2,105,784; Jan. 18.

Hagenbook, Thuhloe M., assignor to International Door Company, Evansville, Ind. Trolley for revolving doors. 2,105,972; Jan. 18.

Hahn, Harry W. (See Goldfarb, Julius and M., and Hahn.)

Hall, Eric E., Chicago, Ill. Portable window scaffold. 2,106,002; Jan. 18.

Halliburton Oil Well Cementing Company. (See Creed, James C., assignor.)

Halsesek, Joseph C., Malin, Oreg. Self-propelled potato digger. 2,105,532; Jan. 18.

Ham Beller Corporation. (See Gleason, Stanley F., assignor.)

Hamilton Caster and Manufacturing Company, The. (See Henry, Alphonse, assignor.)

Hammill, Harry M. (See Preston, C. I., and Hammill.)

Hanlon-Waters, Inc. (See Griffey, Leon J., and Herndon, assignors.)

Hann, Edward, and J. M. Prentice, Holyoke, Mass.; said Prentice assignor to said Hann. Printed typewriting machine. 2,105,723; Jan. 18.

Hansen, Edmund E., Hollywood, Calif. Electro-photographically recording sound. 2,105,760; Jan. 18.

Hansor, Charles A., Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Plug contact. 2,105,824; Jan. 18.

Hanson, Roy. (See Carbutcher, B., and Hanson.)

Harris, George M., Chicago, Ill. Bobstand. 2,105,785; Jan. 18.

Harris, John P., Wilmette, Ill., and W. A. Welch, Tyrone, Pa., assignors, by mesne assignments, to West Virginia Pulp & Paper Company, New York, N. Y. Rendering fat. 2,105,478; Jan. 18.

Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound reproducing system. 2,105,915; Jan. 18.

Hart-Carter Company. (See Johnson, L., and Blenson, assignors.)

Hass, Henry B., and R. T. Mellon, assignors to Purdue Research Foundation, West Lafayette, Ind. Chlorination process. 2,105,736; Jan. 18.

Hat Corporation of America. (See Tibbals, Nathan V., assignor.)

Hathaway, Lloyd A., Scotch Plains, and H. H. Fay, Oakhurst, N. J., assignors to American Telephone and Telegraph Company. Directional device. 2,105,562; Jan. 18.

Hatton, William H., Gardiner, Maine. Apparatus for molding pulp bodies. 2,105,593; Jan. 18.

Hayes, Harvey C., Washington, D. C. Apparatus for measuring thickness. 2,105,479; Jan. 18.

Haseltine Corporation. (See Erwin, Madison, assignor.)

Heimach, Karl D., Stuttgart, Germany, and C. Brassert, Zurich, Switzerland, assignors to J. Bloch, Frankfort-on-the-Main, Germany. Closure for tubes and the like. 2,106,028; Jan. 18.

Heltzel, Joseph W., Warren, Ohio. Expansion joint. 2,106,096; Jan. 18.

Hemphill Company. (See Gosling, Herbert E., assignor.)

Henderson, Clarence S., Batavia, assignor to Acme Steel Company, Chicago, Ill. Metal coil. 2,106,724; Jan. 18.

Hennessy, James J., Montclair, N. J. Lubricator drain. 2,105,849; Jan. 18.

Henrich, Frank E., Leanex, S. Dak. Card and pamphlet holder. 2,105,564; Jan. 18.

Henry, Alphonse, assignor to The Hamilton Caster and Manufacturing Company, Hamilton, Ohio. Tractor wheel. 2,106,125; Jan. 18.

Henry, Nelson B., Columbus, Ga. Combination seed cotton cleaner-drier. 2,105,756; Jan. 18.

Hepp, Harold J. (See Snow, R. D., and Hepp.)

Hercules Powder Company. (See Gloor, Walter E., assignor.)

Hercules Powder Company. (See Milliken, Mahlon G., assignor.)

Hereford, Pearl J., Huntington, W. Va. Matrix drier. 2,105,973; Jan. 18.

Hering, Donald, South Gate, and C. H. Beattie, Jr., Covina, Calif., assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Case orientation apparatus. 2,105,650; Jan. 18.

Herndon, Chester C. (See Griffey, L. J., and Herndon.)

Herpich, Carl, Berlin-Charlottenburg, Germany. Traveling or like rug. 2,105,787; Jan. 18.

Herrington, Arthur W., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Combat vehicle. 2,105,917; Jan. 18.

Herrington, Arthur W., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. 4-wheel drive vehicle. 2,105,918; Jan. 18.

Hess, Claude L., Detroit, Mich. Stud setter. 2,105,788; Jan. 18.

Hess, Fred., assignor to The Selas Company, Philadelphia, Pa. Gas burning apparatus. 2,106,333; Jan. 18.

Hewitt, Alfred, Jamaica, N. Y., assignor to Metropolitan Device Corporation, Terminal box. 2,106,666; Jan. 18.

Heyna, Hans. (See Hoffa, E., and Heyna.)

Hillerich & Bradsby Co. (See Beck, Charles R. and G. L., assignors.)

Hillis, David R., Detroit, Mich., assignor to The Farval Corporation, Cleveland, Ohio. Lubricating system. 2,105,595; Jan. 18.

Hinderliter, Frank J., Tulsa, Okla. Hollow trip casing spear. 2,105,885; Jan. 18.

Hirsch, Alfred. (See Elledge, H. G., and Hirsch.)

Hochwalt, Carroll A. (See Ault, W. C., and Hochwalt.)

Hodge, James P., Amarillo, Tex., assignor to General Mills, Inc., Minneapolis, Minn. Processes cohering apparatus. 2,105,735; Jan. 18.

Hodgson, Frederick L. (See Bennett, J. A. J., and Hodgson.)

Hoe, R., & Co. (See Horton, Albert J., assignor.)

Hoff, John G., assignor to The Tappan Stove Company, Mansfield, Ohio. Gas range. 2,105,506; Jan. 18.

Hoffa, Erwin, and H. Heyna, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble ortho-disazo dyestuffs and fiber dyed therewith. 2,105,919; Jan. 18.

Hoffman, Edward L., Montgomery, Ala. Safety bolt. 2,105,480; Jan. 18.

Hoffman, Gruver C., assignor of one-half to H. de Bourgogne, New York, N. Y. Treatment of tissue paper. 2,106,099; Jan. 18.

Holdsworth, Harry, Bronxville, assignor to Holdsworth Bros. Inc., New York, N. Y. Wall construction. 2,105,770; Jan. 18.

Holdsworth, Harry, Bronxville, assignor to Holdsworth Bros. Inc., New York, N. Y. Wall construction. 2,105,771; Jan. 18.

Holland Company. (See Holland, Cyrus J., assignor.)

Holland, Cyrus J., Chicago, Ill., assignor to Holland Company. Vehicle spring. 2,105,661; Jan. 18.

Holloway, Judson H. (See Parrett, A. N., and Holloway.)

Holter, Alfred, Abbedissegen, near Oslo, Norway. Making concrete roads. 2,106,117; Jan. 18.

Homan, John G., Steubenville, Ohio. Candy novelty. 2,106,087; Jan. 18.

Honda, Kotaro, Sendai, Japan. Steel for permanent magnets. 2,105,652; Jan. 18.

Honda, Kotaro, Sendai, Japan. Nickel titanium, cobalt, magnets. 2,105,653; Jan. 18.

Honda, Kotaro, Sendai, Japan. Nickel, titanium, cobalt, iron, and copper permanent magnet. 2,105,654; Jan. 18.

Honda, Kotaro, Sendai, Japan. Alloy of nickel, titanium, cobalt, iron, and aluminum for permanent magnets. 2,105,655; Jan. 18.

Honda, Kotaro, Sendai, Japan. Nickel, titanium, cobalt, iron, and manganese permanent magnet. 2,105,656; Jan. 18.

Honda, Kotaro, Sendai, Japan. Alloy for permanent magnets. 2,105,657; Jan. 18.

Honda, Kotaro, Sendai, Japan. Permanent magnet. 2,105,658; Jan. 18.

Horton, Albert J., White Plains, assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism and printing machines. 2,106,029; Jan. 18.

Houchin, Lowell L., Columbus, Ohio. Lens grinding and polishing machine. 2,105,691; Jan. 18.

Hoyt, Philip S., Clarksville, Ga., assignor to Southern Mining and Milling Company. Treatment of cyanite ore. 2,105,587; Jan. 18.

Hozinsky, Hyman. (See Feuer, S. R., Freedman, Hozinsky, and Balbinder.)

Hruska, Joseph J., Milwaukee, Wis. Safety vehicle tire. 2,105,659; Jan. 18.

Hruska, Joseph J., Milwaukee, Wis. Tire. 2,105,660; Jan. 18.

Hubbard, Karl H., assignor to Taylor Instrument Companies, Rochester, N. Y. Control system. 2,105,595; Jan. 18.

Hubbell, Harvey, Incorporated. (See Bannon, Edward F., assignor.)

Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Process and mechanism for rolling endless lengths of metal in reversible mills. 2,106,736; Jan. 18.

Huffman, Mervin C., Claremont, N. H., assignor to Sullivan Machinery Company. Lubricating apparatus. 2,105,491; Jan. 18.

Hughes, Henry, & Son, Limited. (See Sproule, Donald O., assignor.)

Hull, Daniel R., Watertown, assignor to The American Brass Company, Waterbury, Conn. Hot workable brasse. 2,105,945; Jan. 18.

Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,105,974; Jan. 18.

Hull Manufacturing Company, The. (See Hull, William K., assignor.)

Hull, William K., assignor to The Hull Manufacturing Company, Hagerstown, Md. Apparatus for detecting gases. 2,106,147; Jan. 18.

Hunicke, Clarence C., Palisade, N. J., assignor to Auditorium Conditioning Corporation. Air conditioning apparatus. 2,105,692; Jan. 18.

Huseby, Oscar H., assignor of one-half to M. Cress, Waco, Tex. Nest box for hens. 2,105,737; Jan. 18.

Hutchings, George F., St. Louis, Mo. Tire pressure indicator. 2,105,738; Jan. 18.

Huth, Charles L., Milwaukee, Wis. Lawn mower. 2,106,088; Jan. 18.

Hyde, Henry W., Dedham, Mass. Electric clock attachment. 2,105,590; Jan. 18.

I. G. Farbenindustrie Aktiengesellschaft. (See Andrussow, Leonid, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Bayerl, A., and Kieslinger, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Nelles, Johannes, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Nieuwland, Hans F., assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., and Nicolai, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Zetzsche, W., and Graumann, assignors.)

Illinois Iron & Bolt Company. (See Warner, Arthur L., assignor.)
Imperial Chemical Industries Limited. (See Somon, Charles E., assignor.)
Independent Lock Company. (See Etsten, Morris H., assignor.)
Independent Lock Company. (See Shaw, Harold D., assignor.)
Indrieri, Alexander F., assignor of two per cent to E. Bernhard and fifteen per cent to D. Petrusselli and V. Seave, Chicago, Ill. Spring motor and refrigerator drive. 2,105,856; Jan. 12.
Industrial Rayon Corporation. (See Schwartz, Harvey A., assignor.)
Ingersoll-Rand Company. (See Metzgar, Chester W., assignor.)
Ingersoll-Rand Company. (See Smith, William A., Sr., assignor.)
Ingles, Clinton, assignor to National Water Main Cleaning Co., New York, N. Y. Device used for coating the interior of a water main. 2,106,004; Jan. 18.
Inland Steel Company. (See Castle, Alfred J., assignor.)
Inter-Collegiate Press. (See Bender, Robert W., assignor.)
International Corset Company. (See Schopbach, Charles H., assignor.)
International Door Company. (See Hagenbook, Thurlee M., assignor.)
International Projector Corporation. (See Morfesi, E., and Kindelmann, assignors.)
International Standard Electric Corporation. (See Webb, John K., assignor.)
Ish-Shalom, Samu-El, and O. I. Bloom, New York, N. Y. Matrix for photo composing machines. 2,105,555; Jan. 18.
Ish-Shalom, Samu-El, and O. I. Bloom, New York, N. Y. Matrix for type casting. 2,105,554; Jan. 18.
Jackson, Kingsley J. (See Jackson, Walter L. and K. J.)
Jackson, Walter L. and K. J., Perth, Western Australia, Australia. Hose joint tightener. 2,106,118; Jan. 18.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,105,659; Jan. 18.
Jacobs, Mordecai V., and H. S. Bird, assignor to M. V. Jacobs and M. Kemble, London, England. Pianoforte. 2,105,739; Jan. 18.
Jamestown Metal Equipment Company. (See Foster, Fred L., assignor.)
Jeffrey Manufacturing Company, The. (See Feight, Oscar J., assignor.)
Jeffrey Manufacturing Company, The. (See Francis, Earle V., assignor.)
Jeffrey Manufacturing Company, The. (See Stevenson, Robert W., assignor.)
Jenkins, John W., Indianapolis, Ind. Piston valve engine. 2,105,699; Jan. 18.
Jones, James A., assignor to Quaker City Iron Works, Philadelphia, Pa. Valve. 2,106,126; Jan. 18.
Johannesen, Vaughn L., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,105,920; Jan. 18.
Johannsen, Helmut, Berlin-Charlottenburg, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Radio receiving arrangement. 2,105,534; Jan. 18.
Johnsdahl, Glenn E., and C. M. Sublette, Denver, Colo. Fountain pen. 2,105,600; Jan. 18.
Johnson & Johnson. (See Goldman, Maurice A., assignor.)
Johnson, Leonard, and M. A. Rieman, Minneapolis, Minn., assignors to Hart-Carter Company, Peoria, Ill. Grain separating drum. 2,105,481; Jan. 18.
Johnson, Paul W., assignor of thirty per cent to B. C. Brown and twenty per cent to J. J. Collins, San Francisco, Calif. Detachable curtain rod bracket. 2,105,482; Jan. 18.
Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Circuit controlling means. 2,106,100; Jan. 18.
Jones, Hugh J., Denver, Colo. Stropping razor. 2,105,535; Jan. 18.
Jones, Lester L., and F. Mortellaro, Denver, Colo. Whisky aging apparatus. 2,105,693; Jan. 18.
Joy Manufacturing Company. (See Nodine, Frank R., assignor.)
Junkins, Raymond D., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring and controlling apparatus. 2,106,036; Jan. 18.
Kamsvaag, Gudmund, Marchantville, assignor to Warren Webster & Company, Camden, N. J. Heating system. 2,105,590; Jan. 18.
Kanadys Leo. (See Krause, Georg A., assignor.)
Kallmeyer, Georg, Tabarz, Thur-Wald, Germany, assignor to Walter Lines, London, England. Constructional toy. 2,106,145; Jan. 18.
Kelly, Vaughan. (See Clisbe, F. O., and Kelly.)
Kemble, Michael, et al. (See Jacobs, M. V., and Bird, assignors.)
Kennedy, Woodford A., Charlotte, N. C. Registering apparatus for machines. 2,106,005; Jan. 18.
Kenniston, Frank, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying pressure to shoe bottoms. 2,105,601; Jan. 18.
Kindelmann, Albert. (See Morfesi, E., and Kindelmann.)
Kirshner, Arthur C., assignor to The National Cash Register Company, Dayton, Ohio. Merchandise ticket printer. 2,105,660; Jan. 18.
Klangfilm G. m. b. H. (See Gerlach, Erwin, assignor.)
Klangfilm G. m. b. H. (See Kleffel, Fritz, assignor.)
Klecka, Joseph, Downers Grove, Ill. Passing ball. 2,105,861; Jan. 18.
Kleentaimers (British & Overseas) Ltd. (See Butler, William J., assignor.)
Kleffel, Fritz, assignor to Klangfilm G. m. b. H., Berlin, Germany. Multiplex film phonograph. 2,105,661; Jan. 18.
Klein, Charles H., assignor to The National Telephone Supply Company, Cleveland, Ohio. Cable supporting device. 2,106,006; Jan. 18.
Klein, Charles H., assignor to The National Telephone Supply Company, Cleveland, Ohio. Wire connecting device. 2,106,007; Jan. 18.
Klemp, Alfred W., Detroit, Mich., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Making matrices. 2,105,694; Jan. 18.
Kloner, Joseph H., Brooklyn, N. Y. Pseudo neon sign. 2,106,031; Jan. 18.
Knapp, Kenneth C., Galva, assignor of one-fourth to O. L. Sherrill, Canton, and one-tenth to S. R. Knapp, McPherson, Kans. Pipe-line reclaimer. 2,105,602; Jan. 18.
Knapp, S. R., et al. (See Knapp, Kenneth C., assignor.)
Knecht, Oskar, and T. Wirth, assignors to the firm of Chemical Works formerly Sandoz, Basel, Switzerland. Red azo-dyestuffs and their manufacture. 2,105,862; Jan. 18.
Kniss, Frank C., and R. N. Vickers, Smackover, Ark. Well pump. 2,106,976; Jan. 18.
Knudsen, James, Chicago, Ill. Automobile collapsible berth. 2,105,740; Jan. 18.
Koppers Company. (See Becker, Joseph, assignor.)
Korn, Franklin A., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Number checking system. 2,105,921; Jan. 18.
Kösslinger, Karl. (See Bayerl, A., and Kösslinger.)
Krafelt Corporation of America. (See Larson, L. L., and Schwartz, assignors.)
Kramar, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Signaling method and arrangement therefor. 2,105,537; Jan. 18.
Krassolt, Theodor, South, y/Neumark, Germany, assignor of four-fifths to M. Presburg, Paris, France, and one-fifth to George Angus & Company Limited, Newcastle-on-Tyne, England. Manufacture of asbestos rings. 2,106,119; Jan. 18.
Krause, Georg A., Munich, Germany, assignor, by mesne assignments, to Katadyn Inc., New York, N. Y. Sterilising liquid. 2,105,835; Jan. 18.
Kroger Grocery & Bakery Company. (See Fick, Bernice, assignor.)
Kruger, O. H. (See Steuer, Otto A., assignor.)
Kuhlik, Hattie B. (See Kuhlik, Jacob M., assignor.)
Kuhlik, Jacob M., Brooklyn, assignor to H. B. Kuhlik, Kings County, N. Y. Sound device. 2,105,741; Jan. 18.
Kuhrts, George J., Jr., assignor to Standard Steel Works, Los Angeles, Calif. Portable paving plant. 2,106,008; Jan. 18.
L. N. S. Corporation. (See Goss, Harry T., assignor.)
Labus, Otto A., Wisconsin Rapids, Wis., and E. B. P. Crawford, Chicago, Ill., assignors to Frick Company, Waynesboro, Pa. Air conditioning system. 2,106,101; Jan. 18.
Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,105,483; Jan. 18.
Lainger, Vergil T., Arkansas City, Kans. Gauge tape case. 2,106,053; Jan. 18.
Landis, George G., assignor to The Lincoln Electric Company, Cleveland, Ohio. Motor protective device. 2,105,603; Jan. 18.
Landis Tool Company. (See Ott, C. L., and Balsiger, assignors.)
Landon, Vernon D., Collingswood, N. J., assignor to Radio Corporation of America. Reduction of noise. 2,105,538; Jan. 18.
Lang, Franz, Munich, Germany, assignor, by mesne assignments, to Lanova Corporation, New York, N. Y. Air chamber Diesel engine. 2,105,662; Jan. 18.
Lang, William, assignor to The Bates Manufacturing Company, West Orange, N. J. File fastener. 2,105,836; Jan. 18.
Lange, Edward H., Baltimore, Md. Tobacco pipe. 2,105,539; Jan. 18.
Lange, Emil, Berlin-Zehlendorf, Germany. Arc rupturing device for electric switches. 2,106,032; Jan. 18.
Langer, Hans, Berlin-Wilmersdorf, and E. Putter, Berlin-Charlottenburg, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Whooping cough vaccine and making the same. 2,105,486; Jan. 18.
Langford, George W., Ann Arbor, Mich. Air conditioning apparatus. 2,106,287; Jan. 18.
Langlois, Joseph U., Hull, Quebec, Canada. Bearing 2,105,970; Jan. 18.
Lanova Corporation. (See Lang, Franz, assignor.)
Larson, Louis L., and G. L. Schwartz, assignor to Krofelt Corporation of America, Wilmington, Del. Floor covering. 2,105,434; Jan. 18.

Larson, Otto, St. Louis, Mo. Transmission mechanism. 2,105,485; Jan. 18.
Latour, Gaston L., San Francisco, Calif. Self-closing cap for containers. 2,105,695; Jan. 18.
Lauenstein, Carl F., and P. Y. Ulmer, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill. Treating metal. 2,105,863; Jan. 18.
Laverty, Ernest L., Toledo, Ohio. Blade haft. 2,105,663; Jan. 18.
Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation process for the production of aldehydes. 2,105,540; Jan. 18.
Lazier, Wilbur A., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation of hydroxyaromatic carboxylic acids and their esters. 2,105,696; Jan. 18.
Lazier, Wilbur A., New Castle County, Del., and J. V. Vaughan, Lakewood, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chromium sulphomolybdate catalyst. 2,105,665; Jan. 18.
Lebe, Robert B. (See Rosen, H. Sam, and Lebe.)
Lebe, Robert B. (See Rosen, H. Sam, and Lebe.)
Le Coney, Joseph H., Bedford, assignor to Shepherd Worsted Mills, Newton, Mass. Combination garment. 2,105,102; Jan. 18.
Lee, Karrington M., Chicago, Ill. Cosky molding device. 2,105,009; Jan. 18.
Lee, Roger K., assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,105,742; Jan. 18.
Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Piston and piston and connecting rod assembly. 2,105,743; Jan. 18.
Leighton, John W., Port Huron, Mich. Wheel suspension for motor vehicles. 2,105,541; Jan. 18.
Leighton, Lawrence C., [illegible], Panama, Canal Zone.
Leiter, Harry H. (See [illegible] Hart B., assignor.)
Leitz, Ernst, G. m. b. H. (See Bocker, Helmut, assignor.)
Leitz, Ernst, G. m. b. H. (See Bocker, Siegfried, assignor.)
Lent, Constantine P., New York, N. Y. Folding electric stove. 2,105,814; Jan. 18.
Le Tourneau, Robert G., assignor to R. G. Le Tourneau, Inc., Peoria, Ill. Tool shaft. 2,105,744; Jan. 18.
Le Tourneau, R. G., Inc. (See Le Tourneau, Robert G., assignor.)
Levi, Mario G., A. Mariotti, and I. Ciarrocchi, Milan, Italy. Purification and regeneration of used lubricating oils. 2,106,010; Jan. 18.
Lewis, George B., Cleveland, Ohio. Leafed article. 2,106,696; Jan. 18.
Lewis-Howe Company. (See Gliscka, Robert S., assignor.)
Lewis Invisible Stitch Machine Company. (See Bowman, Louis G., assignor.)
Lewis Invisible Stitch Machine Company. (See Mueller, Charles W., assignor.)
Lewis, Lawrence W., Beverly Hills, Calif. Nonsticky molasses and syrup liquid products and making the same. 2,105,745; Jan. 18.
Lewis, Sidney M., St. Joseph, Mo. Applicator. 2,105,946; Jan. 18.
Ley, Gaston J., J. H. Payne, and G. Akau, Honolulu, Hawaii, dedicated to the free use of the people of the United States. Making food product. 2,105,977; Jan. 18.
Leybassen, Wilhelm, Nuremberg, Germany. Electromagnetic overload circuit breaker. 2,105,604; Jan. 18.
Lichtenstein, Harry, New York, N. Y., assignor to Gerted Corporation. Sleeveless undergarment. 2,105,605; Jan. 18.
Lilja, Edgar D., assignor to H. D. Colman, Rockford, Ill. Synchronous motor. 2,105,606; Jan. 18.
Lilly, Ill, and Company. (See Steele, Horace A., assignor.)
Lincoln Electric Company, The. (See Landis, George G., assignor.)
Lindberg, Le Roy J., Glasgow, Mont. High frequency apparatus. 2,106,130; Jan. 18.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America, New York, N. Y. Radio apparatus. 2,106,149; Jan. 18.
Lines, Walter. (See Kellner, Georg, assignor.)
Link-Belt Company. (See Lauenstein, C. F., and Ulmer, assignors.)
Linsell, Alfred A., London, England, assignor to Radio Corporation of America. Radio receiver. 2,105,789; Jan. 18.
Li-On Bedding Company. (See Marmack, Max, assignor.)
Li-On Bedding Company, The. (See Lodge & Shipley Machine Tool Company, The.)
Lodge & Shipley Machine Tool Company, The. (See Fritsch, Frank A., assignor.)
Logan, T. T. (See Challis, Gail, assignor.)
Lomax, Clarence R., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telegraph system. 2,105,611; Jan. 18.
Long, Glen D., Kansas City, Mo. Hand scraper. 2,106,083; Jan. 18.
Long, W. M., Company, The. (See Haas, Louis W., assignor.)
Longfellow, Earl R., assignor to H. H. Leiter, Warsaw, Ind. Surgical hyperextension frame. 2,106,150; Jan. 18.
Longfellow, Earl R., assignor to H. H. Leiter, Warsaw, Ind. Surgical leg splint. 2,106,151; Jan. 18.
Lozell, Eugene, Sidney, N. Y. Cattle gun. 2,106,103; Jan. 18.
Lorenz, C., Aktiengesellschaft. (See Johannsen, Helmut, assignor.)
Lorenz, C., Aktiengesellschaft. (See Kramar, Ernst, assignor.)
Lorenzo, Frank, Rochester, N. Y. Fenderteel. 2,106,121; Jan. 18.
Lowe, Joe, Corporation. (See Thomas, Norman M., assignor.)
Loson, Carl F., Massillon, Ohio. Carbonating and dispensing receptacle for liquids. 2,105,487; Jan. 18.
Lubrication Corporation, The. (See Tear, Harry R., assignor.)
L'Wello, Robert, Seattle, Wash. Razor blade scraper. 2,105,960; Jan. 18.
Lyons, William H., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphurized violanthrene derivatives and preparing same. 2,105,978; Jan. 18.
Lyden, Frank J., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Dynamo-electric machine. 2,105,772; Jan. 18.
Lyons, Joseph, assignor to New Era Shirt Company, St. Louis, Mo. Collar. 2,105,668; Jan. 18.
Lysons, Jay W., New York, N. Y. Typesetting device. 2,105,697; Jan. 18.
Maas, Elov F., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Ship fender. 2,105,815; Jan. 18.
Macdonald, Alexander D., Malden, assignor to E. B. Macdonald Chemical Co., Boston, Mass. Adhesive and coating composition. 2,105,697; Jan. 18.
Macdonald, Alexander D., Malden, assignor to E. B. Macdonald Chemical Co., Boston, Mass. Playing ball. 2,105,746; Jan. 18.
Madeira, John B., assignor to Goodman Manufacturing Company, Chicago, Ill. Belt conveyer. 2,105,889; Jan. 18.
Magazine Repeating Razor Company. (See Casselman, Elbridge J., assignor.)
Magney, Gottlieb R., Minneapolis, Minn. Humidifier with truncated cones. 2,105,773; Jan. 18.
Mahlmann, Noble, et al. (See Morgan, David G., assignor.)
Major, Samuel J., Providence, assignor to Shambow Shuttle Company, Woonsocket, R. I. Loom shuttle. 2,105,818; Jan. 18.
Mall, Arthur W., Chicago, Ill. Terrazzo grinding apparatus. 2,106,032; Jan. 18.
Mall, Arthur W., Chicago, Ill. Rail grinder. 2,106,034; Jan. 18.
Mall, Arthur W., Chicago, Ill. Terrazzo grinding angle spindle. 2,106,035; Jan. 18.
Maltby, Edward H., White Bear Lake, Minn., assignor to Standard Conveyor Company. Conveyer. 2,105,923; Jan. 18.
Manley, Forest E., Galva, Ill. Trestle brace. 2,105,979; Jan. 18.
Manville Jenckes Corporation. (See Costa, Joseph L., assignor.)
Marathon Paper Mills Company. (See Mull, Arthur B., assignor.)
Margulies, John, Yonkers, N. Y., and D. H. Young, East Orange, N. J.; said Young assignor to said Margulies. Sweatband for hats. 2,105,990; Jan. 18.
Mariotti, Alberto. (See Levi, M. G., Mariotti, and Ciarrocchi.)
Marmon-Herrington Company. (See Herrington, Arthur W., assignor.)
Marmack, Max, assignor to Li-On Bedding Company, Milwaukee, Wis. Mattress. 2,105,923; Jan. 18.
Mårtensson, Erik M., Stockholm, Sweden. Testing apparatus. 2,105,542; Jan. 18.
Martin, Herbert E., and D. A. Enson, Cumberland, Md., assignors to Celanese Corporation of America. Non-corrosive organic derivatives of cellulose. 2,105,543; Jan. 18.
Martin, Herbert E., and D. A. Enson, Cumberland, Md., assignors to Celanese Corporation of America. Preparation of organic derivatives of cellulose. 2,105,544; Jan. 18.
Martin, Stoddard B., Lakewood, Ohio, and C. B. Waechter, Bradford, Pa. Pipe or rod coupling. 2,105,747; Jan. 18.
Mascuch, Joseph J., Newark, N. J. Radio shielding for electrical distributing systems. 2,105,790; Jan. 18.
Mascuch, Joseph J., Newark, N. J. Ignition shielding. 2,105,791; Jan. 18.
Massey, Peter J., et al. (See Massey, P. J., Thiele, and Massey, assignors.)
Massey, Peter J., River Forest, Ill., W. F. Thiele, and B. F. Raprager, assignors, by mesne assignments, of nine-tenths to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., and one-tenth to P. J. Massey, Chicago, Ill. Apparatus for applying mobile films. 2,105,488; Jan. 18.
Massey, Peter J., River Forest, Ill., W. F. Thiele, and B. F. Raprager, assignors, by mesne assignments, of nine-tenths to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., and one-tenth to P. J. Massey, Chicago, Ill. Machine for applying mobile films. 2,105,981; Jan. 18.

Massey, Peter J., River Forest, Ill., W. F. Thiele, and B. F. Raprager, assignors, by mesne assignments, of nine-tenths to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., and one-tenth to P. J. Massey, River Forest, Ill. Mobile slim distributing mechanism. 2,105,962; Jan. 18.

Massey, Peter J., River Forest, Ill., W. F. Thiele, and B. F. Raprager, assignors, by mesne assignments, of nine-tenths to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., and one-tenth to P. J. Massey. Cleaning roll. 2,106,104; Jan. 18.

Mattes, Harold C., Chicago, Ill., assignor to Belmont Radio Corporation. Indicating and control apparatus. 2,106,152; Jan. 18.

Maurer, Paul H., Elmira, assignor to Eclipse Machine Company, Elmira Heights, N. Y. Automatic starting mechanism. 2,106,947; Jan. 18.

Mayer, Marie, S., Vineland, N. J., and G. W. Schilling, Philadelphia, Pa. Game apparatus. 2,106,937; Jan. 18.

McAllister, Earl J., et al. (See McCarty, Roy C., assignor.)

McBath, Bartley R., Jr., Montclair, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Safety appliance for steam jet refrigeration apparatus. 2,106,545; Jan. 18.

McBee, Earl T. (See Hass, H. B., and McBee.)

McCarty, Roy C., assignor of two-thirds to E. J. McAllister, three-thirds to J. H. Von Hatten, Seattle, and two-thirds to R. G. Bale, Spokane, Wash. Hydraulic brake lockout. 2,106,766; Jan. 18.

McClelland, Arthur H., assignor to E. J. Bess, Los Angeles, Calif. Diathermy apparatus. 2,106,749; Jan. 18.

McCormick, Denis. (See Chappell, R. R., McCormack, and Streb.)

McCormick, George C., Needham, assignor to General Abrasive Company, Boston, Mass. Self wearing surface. 2,106,823; Jan. 18.

McCown, Donald R., San Diego, Calif. Hair net. 2,106,956; Jan. 18.

McDonald, James, Weehawken, N. J., assignor to Todd Combustion Equipment, Inc., New York, N. Y. Flame cone or diffuser. 2,105,946; Jan. 18.

McGowan, Frank D., Worcester, Mass. Container. 2,106,122; Jan. 18.

McLean, Harry C., and A. L. Weber, assignors to Endowment Foundation, New Brunswick, N. J. Removal of spray residue. 2,106,606; Jan. 18.

McMillan, Vernon R., Terre Haute, Ind. Nose guard. 2,106,607; Jan. 18.

McNevin, Donald J. (See White, R. H., and McNevin.)

McWatt, Homer E., Rome, Ga., assignor to Tubize Chatillon Corporation. Bleaching artificial silk. 2,106,839; Jan. 18.

McWilliams, Charles W. (See Barber, C. C., and McWilliams.)

Melbman, Albert, Detroit, and M. Sheras, Manistee, assignors to Tax-Auditor Systems, Inc., Detroit, Mich. Sales tax check machine. 2,105,948; Jan. 18.

Mendenhall, Hallam E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,105,824; Jan. 18.

Merganthaler, Rene H., Winnetka, Ill. Container top. 2,106,847; Jan. 18.

Merriam, Francis F., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Antenna system. 2,105,925; Jan. 18.

Merritt, Matthew M., Middleton, assignor to The Tanning Process Company, Boston, Mass. Portable work support. 2,106,606; Jan. 18.

Merts, Method, Chicago, Ill. Conical cup and ice cream receptacle. 2,105,949; Jan. 18.

Metropolitan Device Corporation. (See Hewitt, Alfred, assignor.)

Metzger, Chester W., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Piston. 2,105,950; Jan. 18.

Millan, Edward M., assignor to The American Rolling Mill Company, Middletown, Ohio. Annealing cover. 2,106,750; Jan. 18.

Miller, Anthony P., Pleasantville, N. J. Composite plank. 2,106,305; Jan. 18.

Miller, William C., and A. L. Abbott, assignors to Diebold Safe & Lock Co., Canton, Ohio. Money drawer and tender. 2,106,923; Jan. 18.

Millikan, Mahlon G., assignor to Hercules Powder Company, Wilmington, Del. Production of cellulose esters. 2,106,609; Jan. 18.

Minneapolis-Honeywell Regulator Company. (See Cunningham, Lewis L., assignor.)

Mirovalle, John J. (See Roberson, Samuel D., assignor.)

Monarch Machine Tool Company, The. (See Bickel, Clifford A., assignor.)

Moncrieff, Robert W. (See Dickie, W. A., and Moncrieff.)

Money, Roland H., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Condenser device for reflexion. 2,105,751; Jan. 18.

Monsanto Chemical Company. (See Ault, W. C., and Hedrick, assignors.)

Monsanto Chemical Company. (See Stehman, Carlyle J., assignor.)

Monten, Adolph, Montclair, and C. E. Anderson, East Orange, assignors to Eastern Tool & Mfg. Co., Bloomfield, N. J. Reamer. 2,105,948; Jan. 18.

Moore, Charles G., Lakewood, and M. Zecher, assignors to The Glidden Company, Cleveland, Ohio. Wood staining. 2,105,924; Jan. 18.

Morfeal, Eugene, Astoria, Long Island, and A. Kindelmann, Floral Park, assignors to International Projector Corporation, New York, N. Y. Gate lifter. 2,105,890; Jan. 18.

Morgan, David G., assignor of one-fourth to N. Mahlmann, and one-fourth to H. J. O'Leary, San Francisco, Calif. Spring making apparatus. 2,105,861; Jan. 18.

Morgan, Ivan M. (See Baker, L. S., Morgan, and Quaid.)

Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,105,549; Jan. 18.

Morrison, Willard L., Chicago, Ill. Auto-vent. 2,105,891; Jan. 18.

Mortellaro, Frank. (See Jones, L. L., and Mortellaro.)

Moss, William H., London, England, assignor to Celanese Corporation of America. Protective covering. 2,106,480; Jan. 18.

Moss, William H., London, England, assignor to Celanese Corporation of America. Compositions of matter. 2,105,962; Jan. 18.

Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Incorporated, New Haven, Conn. Repeating firearm. 2,106,752; Jan. 18.

Mossberg, O. F., & Sons, Incorporated. (See Mossberg, Harold F., assignor.)

Motor Terminals Company. (See Fitch, Benjamin F., assignor.)

Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Dog feed mechanism for sewing machines. 2,106,106; Jan. 18.

Mueller, Otto, Toledo, Ohio. Manual control for automobile generators. 2,105,926; Jan. 18.

Mull, Arthur B., Appleton, assignor to Marathon Paper Mills Company, Rothschild, Wis. Display unit. 2,106,153; Jan. 18.

Müller, Ferdinand C. H. (See Pillicd, T. J., and Müller.)

Napolillo, Angelo, Chicago, Ill. Cooking tool. 2,106,057; Jan. 18.

National Aniline & Chemical Company. (See Foster, Harold B., assignor.)

National Aniline and Chemical Company. (See Perkins, Robert L., assignor.)

National Bearing Metals Corporation. (See Vigne, Albert, assignor.)

National Cash Register Company, The. (See Dicke, Allen A., assignor.)

National Cash Register Company, The. (See Kirshner, Arthur C., assignor.)

National Cash Register Company, The. (See Shipley, Bernis M., assignor.)

National Gas and Oil Engine Company, The, et al. (See Burn, Walter S., assignor.)

National Telephone Supply Company, The. (See Klein, Charles H., assignor.)

National Water Main Cleaning Co. (See Ingles, Clinton, assignor.)

Nelles, Johannes, Leverkusen–Schlebusch, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Unsaturated ketones. 2,105,792; Jan. 18.

Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,105,774; Jan. 18.

Neresheimer, Heinrich, and W. Bupped, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the pyrazinoanthraquinone series. 2,106,840; Jan. 18.

New Era Shirt Company. (See Lyons, Joseph, assignor.)

New Jersey Zinc Company, The. (See Flynn, Edmund J., assignor.)

Nicolai, Fritz. (See Reppe, W., and Nicolai.)

Nielsen, Emanuel, and V. A. Parts, Rochine, Wis., assignors to Scovill Manufacturing Company, Waterbury, Conn. Electric motor. 2,106,058; Jan. 18.

Nilson, John L., Chicago, Ill. Shaving implement. 2,105,775; Jan. 18.

Nissen, Hans F., Dessau, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for projecting picture or sound films. 2,105,698; Jan. 18.

Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Lubricator. 2,105,690; Jan. 18.

Nodine, Frank H., Meadville, Pa., assignor to Joy Manufacturing Company. Colored fastener elements and making them. 2,106,012; Jan. 18.

No-Mercury Felt Corporation. (See Bartakuff, Jack D., assignor.)

Northern, Charles S., Asheville, and G. M. Quave, West Asheville, N. C. Pipe organ. 2,105,796; Jan. 18.

Norris, Charles C., Riverside, Calif. Combination closet tank cover and ventilator. 2,105,794; Jan. 18.

Norton, Daniel F., Chicago, Ill. Cigarette extinguisher. 2,106,699; Jan. 18.

Nyquist, Harry, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control system. 2,106,257; Jan. 18.

O'Brien, Walter L., Oak Park, Ill. Automatic bagger and loader. 2,106,610; Jan. 18.

Ocon, Ernest A., New York, N. Y. Refining and cracking oil. 2,106,013; Jan. 18.

O'Connor, George K., Winnetka, assignor to Smoot Engineering Corporation, Chicago, Ill. Regulator. 2,106,036; Jan. 18.

Oilgear Company, The. (See Simonds, Paul, assignor.)

O'Leary, Edward J., et al. (See Morgan, David G., assignor.)

Olin, John M., Alton, assignor to Western Cartridge Company, East Alton, Ill. Loaded small caliber rifle cartridge. 2,106,107; Jan. 18.

Olson, Oscar L., Cambridge, assignor of one-half to R. E. Aurelius and E. A. Aurelius, Graham, Minn. Automatic safety switch. 2,105,811; Jan. 18.

Orlove, Max, Washington, D. C. Water power. 2,106,824; Jan. 18.

Ortegren, Herman A., assignor to Bower Roller Bearing Company, Detroit, Mich. Shackles for bearing conical surfaces. 2,106,753; Jan. 18.

Ostermann, Rudolf M., Kenilworth, Ill., and A. Williams, Munster, Ind., assignors to The Superheater Company, New York, N. Y. Fuel water heating system. 2,105,817; Jan. 18.

Ostrander, John K., Philadelphia, Pa. Electric cable. 2,106,060; Jan. 18.

Otis, Harbert C., Dallas, Tex. Well drilling head. 2,105,754; Jan. 18.

Ott, Conrad L., and H. H. Schlegel, assignors to Landis Tool Company, Waynesboro, Pa. Automatic line bearing grinder. 2,105,941; Jan. 18.

Ouellette, Alphonse, Beaumont, assignor to Consolidated Lithograph Manufacturing Co., Limited, Montreal, Quebec, Canada. Container. 2,106,025; Jan. 18.

Packard Motor Car Company. (See Tibbetts, Milton, assignor.)

Pallas, Vernon R., Cortland, N. Y. Surface abrasive and polishing machine. 2,105,612; Jan. 18.

Palmer, McKinley, Beverly Hills, Calif. Piston and cylinder construction. 2,106,494; Jan. 18.

Palmer, McKinley, Beverly Hills, Calif. Valve construction. 2,105,695; Jan. 18.

Palmer, McKinley, Beverly Hills, Calif. Combined ventilator and air cleaner for motor vehicles. 2,106,497; Jan. 18.

Palmer, McKinley, Los Angeles, Calif. Vacuum operated device. 2,105,494; Jan. 18.

Panagopoulos, John, Youngstown, Ohio. Beer cooler keg. 2,106,776; Jan. 18.

Pagello, Karl, Daros, Switzerland, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y. Sighting device for following aerial targets. 2,106,985; Jan. 18.

Parisot, Henry W., assignor to Rogers Radio Tubes Ltd., Toronto, Ontario, Canada. Voltage indicating electron discharge tube. 2,106,318; Jan. 18.

Parkersburg Rig & Reel Company, The. (See Schwemlein, W., and Settle, assignors.)

Parrett, Arthur N., and Y. H. Holloway, Shelton, Wash., assignors to Rainier Pulp & Paper Company, San Francisco, Calif. Acetylation of wood pulp. 2,105,698; Jan. 18.

Parsons, John, Bainbridge, N. Y., assignor to American Plastics Corporation. Plastic working. 2,105,689; Jan. 18.

Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Towel dispensing cabinet. 2,104,105; Jan. 18.

Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Chicago, Ill. Baffle column. 2,105,951; Jan. 18.

Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio. Method and apparatus for treating cracked hydrocarbon oils. 2,105,820; Jan. 18.

Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio. Furnace. 2,105,809; Jan. 18.

Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio. Furnace. 2,105,819; Jan. 18.

Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio. Tube still. 2,105,820; Jan. 18.

Parsons, Ralph M., assignor to The Ralph M. Parsons Company, Chicago, Ill. Furnace. 2,105,821; Jan. 18.

Parsons, Ralph M., Company, The. (See Parsons, Ralph M., assignor.)

Parts, Victor A. (See Nilson, H., and Parts.)

Pate, Wesley M., assignor of one-half to T. F. Boyle, New Orleans, La. Monovalve cylinder head construction. 2,105,699; Jan. 18.

Patterson, Herbert F., assignor to Chrysler Corporation, Detroit, Mich. Power transmission. 2,105,785; Jan. 18.

Paxton, Robert, Drexel Hill, Pa., assignor to General Electric Company. Electric switch gear. 2,104,061; Jan. 18.

Payne, John M. (See Lay, G. J., Payne, and Adam.)

Pelouch, James J. (See Rabagia, P. L., and Pelouch.)

People of the United States, Dedicated to the free use of the. (See Lay, G. J., Payne, and Adam.)

Percival, William S. (See White, R. H. C., and Percival.)

Perkins, Robert L., East Aurora, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Manufacture of iron oxide products. 2,105,670; Jan. 18.

Perrin, Jay C., Los Angeles, Calif., assignor to Towlsaver, Inc. Towel dispenser. 2,105,928; Jan. 18.

Perry, Robert E., Chicago, Ill. Dispensing device. 2,105,892; Jan. 18.

Pestarini, Joseph M., Grant City, Staten Island, N. Y. Electric current converter. 2,106,014; Jan. 18.

Peterson, Soren P. D., Webster City, Iowa. Thresher screen. 2,105,986; Jan. 18.

Petroleum Processes Corporation, The. (See Stanton, Robert E., assignor.)

Petroleum Rectifying Company of California. (See Roberts, Claudius H. M., assignor.)

Petrusselli, Dominick, et al. (See Indrieri, Alexander F., assignor.)

Pfeiffer, Wilhelm, Tepl. near Karlsbad, Czechoslovakia. Steam baking oven. 2,105,988; Jan. 18.

Phillips Petroleum Company. (See Snow, R. D., and Hepp., assignors.)

Phosphate Recovery Corporation. (See Cargo, Arthur, assignor.)

Phosphate Recovery Corporation. (See Tartaron, Francis X., assignor.)

Pierce, John B., Foundation. (See Strong, William E. S., assignor.)

Pillicd Cabinet Company, The. (See Pillicd, T. J., and Müller, assignors.)

Pillicd, Thomas J., and F. C. H. Müller, assignors to The Pillicd Cabinet Company, Swanton, Ohio. Display cabinet. 2,105,599; Jan. 18.

Pindell, Oliver P., Columbus, Ohio. Safety match packet. 2,105,943; Jan. 18.

Pitch, George, Minneapolis, Minn. Garden tool. 2,106,057; Jan. 18.

Pointer, Delbert, Farmer City, Ill. Valve steam clearance fig. 2,105,503; Jan. 18.

Polster, Philip, Waupun, Wis. Automobile license plate holder. 2,106,015; Jan. 18.

Poston, Emmett V., Springfield, Ill. Fabricated brick construction. 2,106,613; Jan. 18.

Prendergast, Pierce, Pittsburgh, Pa. Fuse plug. 2,106,109; Jan. 18.

Prentice, James M. (See Hass, H., and Prentice.)

Presbrey, Maurice, et al. (See Krasnitz, Theodor, assignor.)

Prescott, Henry T., Chicago, Ill. Head for musical instruments. 2,106,016; Jan. 18.

Preston, Charles I., and H. M. Hammill, Williamsport, Pa., assignors to Aviation Manufacturing Corporation, Chicago, Ill. Controllable pitch propeller. 2,106,845; Jan. 18.

Price, Harold W., assignor to Bendix Products Corporation, South Bend, Ind. Valve for brakes. 2,106,017; Jan. 18.

Primm, Joseph P., Rome, Ga. Knitted fabric. 2,106,057; Jan. 18.

Prosperity Company Inc., The. (See Emens, P. M., and Davis, assignors.)

Purdue Research Foundation. (See Hass, H. B., and McBee, assignors.)

Purdy, William C., Tallulah, La. Fumigating device. 2,105,551; Jan. 18.

Putter, Erich. (See Langer, H., and Putter.)

Quaid, Ralph J. (See Baker, L. S., Morgan, and Quaid.)

Quaker City Iron Works. (See Jensen, James A., assignor.)

Quave, George M. (See Northern, C. S., and Quave.)

Radio Corporation of America. (See Beers, George L., assignor.)

Radio Corporation of America. (See Davis, Lewis H., assignor.)

Radio Corporation of America. (See Deeke, Frederick H., assignor.)

Radio Corporation of America. (See Landon, Vernon D., assignor.)

Radio Corporation of America. (See Linder, Ernest G., assignor.)

Radio Corporation of America. (See Linnell, Alfred A., assignor.)

Radio Corporation of America. (See Smith, Rogers M., assignor.)

Radio Corporation of America. (See Stevens, Clifford E., assignor.)

Radio Corporation of America. (See Goodman, George K., assignor.)

Radio Corporation of America. (See Vance, Arthur W., assignor.)

Rafael Process Corporation. (See Bafton, Harold R., assignor.)

Rafton, Harold R., Andover, Mass., assignor to Rafael Process Corporation. Pigment manufacture. 2,105,503; Jan. 18.

Ragatz, Edward G. (See Aldridge, R. C., and Ragatz.)

Raiche, Paul A., Providence, R. I., assignor to Devol Rubber Co. Apparatus for the manufacture of rubber bathing. 2,104,016; Jan. 18.

Rainier Pulp & Paper Company. (See Parrett, A. N., and Holloway, assignors.)

Ramage, William D., Berkeley, Calif. Purification of beverages. 2,105,500; Jan. 18.

Ramage, William D., Berkeley, Calif. Purification of beverages. 2,105,701; Jan. 18.

Ramsay, Erskine, Birmingham, Ala. Mining coal. 2,106,504; Jan. 18.

Ramsay, Erskine, Birmingham, Ala. Mining machine. 2,105,903; Jan. 18.

Rapenger, Bert F. (See Mamsey, P. J., Thiele, and Rapenger.)

Rasmussen, Hermann, Saxony, Germany. Threshing machine frame. 2,106,123; Jan. 18.

Rawlings, Arthur D., Barnes, England. Cigarette or cigar. 2,106,062; Jan. 18.

Rawson, Emanuel, Chicago, Ill., and A. Williams, Munster, Ind., assignors to The Superheater Company, New York, N. Y. Feed water heating system. 2,105,922; Jan. 18.

Read Machinery Company. (See Eades, John A., assignor.)

Reagan, Walter G., Lebanon, Ind. Container blank. 2,105,944; Jan. 18.

Reed, Forrest C., Kansas City, Mo. Producing carbon black. 2,106,137; Jan. 18.

Reed, Robin. (See Stumbo, Ray J., assignor.)

Rehnberg, Axel F., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Roller feed mechanism for roller bearing assembling machines. 2,105,920; Jan. 18.

Reichard, Wade E., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,105,930; Jan. 18.

Reid, Ebenezer R. (See Burrows, L. A., Filbert, and Reid.)

Remde, Edward H., assignor to The Baker-Raulang Company, Cleveland, Ohio. Industrial truck. 2,106,063; Jan. 18.

Reppe, Walter, and F. Nicolai, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of organic sulphur compounds. 2,105,846; Jan. 18.

Reynolds Corporation. (See Coddington, Edwin D., assignor.)

Ricardo, Harry R., London, England. Combustion chamber of internal combustion engine of the compression ignition type. 2,106,194; Jan. 18.

Rice, Trew & Rice Co. Inc. (See Trew, James W., assignor.)

Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Load indicator for three-phase generators. 2,106,064; Jan. 18.

Ridet, Henri A., assignor to Société Anonyme: Fours et Appareils Stein, Paris, France. Fuel agitator. 2,105,902; Jan. 18.

Rieman, Martin A. (See Johnson, L., and Rieman.)

Riepe, Walter H., Hutchinson, Minn. Pipe aligning tool. 2,105,954; Jan. 18.

Riner, Ivan H., assignor to U. S. Bottlers Machinery Co., Chicago, Ill. Container conveying apparatus. 2,105,795; Jan. 18.

Roberson, Samuel D., assignor to J. J. Miravalle, St. Louis, Mo. Electric water heater. 2,106,019; Jan. 18.

Roberts, Claudius H. M., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Method and apparatus for electric dehydration of emulsions. 2,105,614; Jan. 18.

Robichaux, Posthene. (See Barrett, G. J., and Robichaux.)

Robichaux, Posthene, et al. (See Cutrer, C. C., and Brunnard, assignors.)

Roe, Nathaniel Patchogue, N. Y. Control device for oil burners. 2,105,931; Jan. 18.

Roebuck, Leslie N., Melbourne, Australia, and S. J. Everett, Thornton Heath, England; said Everett assignor to said Roebuck. Mechanism for grinding artificial dentures. 2,106,125; Jan. 18.

Roesch, Siegfried, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Microscope. 2,105,671; Jan. 18.

Rogers Radio Tubes Ltd. (See Parker, Henry W., assignor.)

Rohmer, Frank D., Midland, assignor to Bocji Corporation, Pittsburgh, Pa. Relay for automobile lighting circuits. 2,105,756; Jan. 18.

Romain, Arthur J., Chippewa Falls, Wis. Tube closure device. 2,105,615; Jan. 18.

Rood, Victor L. (See Clark, J. E., Ehstrand, and Rood.)

Rood, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,105,506; Jan. 18.

Rood, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,105,507; Jan. 18.

Rose-Derry Company. (See Rose, Edward, assignor.)

Rose, Edgar J. (See McClelland, Arthur H., assignor.)

Rose, Edward, assignor to Rose-Derry Company, Newton, Mass. Mattress. 2,106,065; Jan. 18.

Rosen, Raphael, Cranford, H. H. Bue, Roselle, and R. R. Lobo, Elizabeth, N. J., assignors to Standard Alcohol Company. Manufacture of isopropyl ether. 2,105,508; Jan. 18.

Rosenberg, Benjamin F., assignor to Scully-Jones & Company, Chicago, Ill. Boring tool. 2,105,787; Jan. 18.

Rosenberg, Joseph L. (See Guest, John F., assignor.)

Roxborough, John W. (See Blair, Joseph N., assignor.)

Royal Electric Company. (See Goodwin, George, assignor.)

Rubin, Samuel, New Rochelle, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del. Insulated wire. 2,105,552; Jan. 18.

Ruesenberg, Carl A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,105,932; Jan. 18.

Ruliancich, John J. O., assignor to F. Golden, New Kensington, Pa. Radial engine. 2,105,846; Jan. 18.

Rumsey, Herbert, Jr., Nutley, N. J. Measuring apparatus. 2,106,038; Jan. 18.

Ruppel, Wilhelm. (See Nerenheimer, H., and Ruppel.)

Rush, Weaver A., Beatrice, Nebr. Traveling bag for automobiles. 2,105,930; Jan. 18.

Russell, Robert A., Bastburg, Va. Adjustable finger ring. 2,105,796; Jan. 18.

Ryan, Max R. (See Biddison, Pascall, Ryan, and Burke.)

Sadgrove, William H., Weybridge, England. Chair, settee, or like furniture. 2,106,066; Jan. 18.

Sadtler, Robert R., Selinsgrove, Pa. Rust preventing composition and rust prevention. 2,105,672; Jan. 18.

Safford, Mayer M., Schenectady, N. Y., assignor to General Electric Company. Condenser dielectric material. 2,106,039; Jan. 18.

St. Clair, Julia A., San Francisco, Calif. Lingerie strap holder. 2,106,072; Jan. 18.

Saint Genies, Anne H. J. D. L., Versailles, France. Reproduction and projection of goffered films. 2,105,797; Jan. 18.

Salmonson, Anton, Stapleton, N. Y. Hot water heating system. 2,105,593; Jan. 18.

Sartakoff, Jack D., Elmhurst, Long Island, N. Y., assignor to Ne-Mercury Felt Corporation. Preparing fur for felting. 2,105,804; Jan. 18.

Saunders, Philip K., Wolverhampton, England. Fluid-controlling valve. 2,105,864; Jan. 18.

Scarborough, Frederick, Springfield, Mass. Hose manufacture. 2,105,758; Jan. 18.

Scavo, Vito, et al. (See Indrieri, Alexander F., assignor.)

Schering-Kahlbaum A. G. (See Langer, H., and Putter, assignors.)

Schilling, George W. (See Mayer, M. S., and Schilling.)

Schirm, Erik, Dessau, Germany, assignor to General Aniline Works Inc., New York, N. Y. Basic azo-dyestuffs and their production. 2,105,965; Jan. 18.

Schmidt, Frank H., Hillsboro, Ohio. Shingle. 2,106,067; Jan. 18.

Schmidt, Friedrich, Berlin-Karlshorst, Germany, assignor to General Electric Company. Blower rotor for very high peripheral velocity. 2,106,040; Jan. 18.

Schmidtke, Albert H., St. Joseph, Mich., assignor, by mesne assignments, to Seymour & Peck Company, Chicago, Ill. Machine for securing heads in cylindrical containers. 2,106,020; Jan. 18.

Schmittacher, Herman, assignor to Venus Corporation, New York, N. Y. Shower hood. 2,105,956; Jan. 18.

Schneider, Jos., & Co., Optotechnische Gesellschaft. (See Troenier, Albrecht W., assignor.)

Schöbel, Fritz, Berlin-Pankow, and P. Schubert, Berlin-Karlshorst, Germany, assignors to General Electric Company. Mechanical motion transmitting device. 2,106,041; Jan. 18.

Schofield, Carrie L., et al. (See Schofield, George L.)

Schofield, George L., National City, assignor to said G. L. Schofield, as trustee, for C. L. Schofield, G. L. S. Geer, and E. S. S. Stacy-Judd, Los Angeles, Calif. Automobile front end supporting mechanism. 2,105,822; Jan. 18.

Scholtse, Herman J., Berkeley, Calif. Flexible shaft coupling. 2,105,702; Jan. 18.

Schopbach, Charles H., assignor to International Corset Company, Aurora, Ill. Garment. 2,106,021; Jan. 18.

Schröter, Hans O. (See Schröter, Kurt and H. O.)

Schröter, Kurt and H. O., Wechmar, Gotha-Land, Germany. Chassis of vehicles. 2,105,553; Jan. 18.

Schubert, Paul. (See Schöbel, F., and Schubert.)

Schultz, Paul L., and J. J. Pelouch, assignors to The United States Air Compressor Company, Cleveland, Ohio. Dispensing device. 2,105,991; Jan. 18.

Schwartz, George L. (See Larson, L. L., and Schwartz.)

Schwartz, Harvey A., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Treatment of textile materials. 2,105,509; Jan. 18.

Schwemlein, William, and S. B. Settle, assignors to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Gin pole for derricks. 2,105,865; Jan. 18.

Schultz, Paul L., and J. J. Pelouch, assignors to The United States Air Compressor Company, Cleveland, Ohio. Dispensing device. 2,105,990; Jan. 18.

Scott Paper Company. (See Parsons, Philip D., assignor.)

Scovill Manufacturing Company. (See Nielsen, E., and Parts, assignors.)

Scully-Jones & Company. (See Rosenberg, Benjamin F., assignor.)

Seddon, George, et al. (See Tabley, George L., assignor.)

Segay, Jean D., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,106,054; Jan. 18.

Sell, Gilbert E., Cynwyd, Pa. Electric furnace. 2,104,022; Jan. 18.

Selas Company, The. (See Hess, Fred, assignor.)

Self, Benjamin M., Detroit, Mich. Gauge for indicator for lathes. 2,105,703; Jan. 18.

Servel, Inc. (See Thomas, Albert R., assignor.)

Settle, Samuel B. (See Schwemlein, W., and Settle.)

Severson, Arthur N., Milwaukee, Wis. Liquid dispensing device. 2,105,967; Jan. 18.

Seymour Manufacturing Company. (See Birge, Francis J., assignor.)

Seymour & Peck Company. (See Schmidtke, Albert H., assignor.)

Shambow Shuttle Company. (See Major, Samuel J., assignor.)

Shaw, Harold D., assignor to Independent Lock Company, Fitchburg, Mass. Doorknob. 2,106,616; Jan. 18.

Shaw, Harold D., assignor to Independent Lock Company, Fitchburg, Mass. Doorknob. 2,106,617; Jan. 18.

Sheaffer, Milton W., Hanover, Pa. Headlight control means for motor vehicles. 2,105,926; Jan. 18.

Shell Development Company. (See van Peski, Adrianus J., assignor.)

Shepherd Worsted Mills. (See Le Croy, Joseph H., assignor.)

Sherar, Morris. (See Malkman, A., and Sherar.)

Sherrill, O. L., et al. (See Kemp, Kenneth C., assignor.)

Shipley, Burnis M., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,105,873; Jan. 18.

Shippy, Lee C., Lockport, N. Y., and W. O. Gebhart, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Making hollow bodies. 2,105,704; Jan. 18.

Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Methallyl-substituted barbituric compound. 2,106,128; Jan. 18.

Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Methallyl-substituted barbituric compound. 2,106,130; Jan. 18.

Shoup, John T. (See Welch, R. L., and Shoup.)

Silberstein, Isidor, Paris, France, assignor to Prof. Dr. Max Volmer, Neubabelsberg-Potsdamerbahn, Germany. Electrode for open arc lamps. 2,106,150; Jan. 18.

Silva, Frederick G., assignor to Davenport Machine Tool Co., Incorporated, Rochester, N. Y. Making collets. 2,105,618; Jan. 18.

Simonds, Paul, assignor to The Ollmar Company, Milwaukee, Wis. Sectional drive. 2,105,924; Jan. 18.

Sinclair Refining Company. (See Volnach, A. C., and Fairlie, assignors.)

Sirch, Charles W., Los Angeles, Calif. Diving board apparatus. 2,106,068; Jan. 18.

Slack, John A., Jamaica, N. Y. Visualizing camera. 2,105,557; Jan. 18.

Slusser, Harry R., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing. 2,106,127; Jan. 18.

Smillack, Jacob, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,105,958; Jan. 18.

Smith, Beauford B. (See Waunch, Robert, assignor.)

Smith, Benjamin R., Owensboro, Ky. Chair. 2,105,510; Jan. 18.

Smith, Bertha O., assignor of one-half to A. L. Godfrey, Minneapolis, Minn. Device for depicting prevailing air currents of the earth. 2,105,619; Jan. 18.

Smith, Claude H., Tallmadge, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Plastic. 2,105,825; Jan. 18.

Smith, Lester C., West Hartford, assignor to The Spencer Turbine Company, Hartford, Conn. Hat cleaning tool. 2,106,069; Jan. 18.

Smith, Rogers M., Merchantville, N. J., assignor to Radio Corporation of America. Noise control system. 2,105,558; Jan. 18.

Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Guard for rock drills. 2,105,777; Jan. 18.

Smoot Engineering Corporation. (See O'Connor, George K., assignor.)

Snow, Robert D., and H. J. Hagy, assignors to Phillips Petroleum Company, Bartlesville, Okla. Insulating and sound proofing material and producing same. 2,105,511; Jan. 18.

Snyder, Robert W. (See Gordon, J. T., and Snyder.)

Société Anonyme: Fours et Appareils Stein. (See Ridet, Henri A., assignor.)

Société Anonyme: Société Matérieux de Paris. (See Bressel, Georges P., assignor.)

Solar Laboratories. (See Williams, Wilbert S., assignor.)

Sosson, Charles E., Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited. Delay action detonator and fuse and delay composition for use therein. 2,105,674; Jan. 18.

Southern Mining and Milling Company. (See Hoyt, Philip S., assignor.)

Spathelf, Roy A., St. Louis, Mo. Hinge. 2,105,705; Jan. 18.

Spearin, Harold P., assignor to A. Cromley, Chicago, Ill. Automatic volume control system. 2,105,850; Jan. 18.

Electric Company, Incorporated, New York, N. Y. De-

Spencer, Frank C., Westerfield, N. J., assignor to Western vice for attaching members. 2,105,683; Jan. 18.

Spencer Turbine Company, The. (See Smith, Lester C., assignor.)

Sperry Products, Inc. (See Drake, Harcourt C., assignor.)

Sperry-Sun Well Surveying Company. (See Hering, D., and Beattie, assignors.)

Spots, Chester A., Syndicate, The. (See Spots, Chester A., assignor.)

Spots, Chester A., Laurel, Quebec, assignor to The Chester A. Spots Syndicate, Ottawa, Ontario, Canada. Drafting or lay-out apparatus. 2,106,070; Jan. 18.

Sproule, Donald O., Ilford, assignor of one-half to Henry Hughes & Son, Limited, London, England. Delivering an intermittent electrical current. 2,105,675; Jan. 18.

Stacy-Judd, Elizabeth S. S., et al. (See Schofield, George L.)

Stake, Herman, and A. W. Carlson, Worcester, Mass.; said Stake assignor to said Carlson. Labeling machine. 2,106,847; Jan. 18.

Stamy, David R., Huntington Woods, assignor to Chrysler Corporation, Detroit, Mich. Fastener. 2,105,706; Jan. 18.

Stancliff, Louis G., Cincinnati, Ohio. Device for winding and cutting cellophane. 2,106,707; Jan. 18.

Standard Alcohol Company. (See Rosen, R., Bue, and Lobo, assignors.)

Standard Conveyor Company. (See Maltby, Edward H., assignor.)

Standard Steel Works. (See Kubrts, George J., Jr., assignor.)

Stanton, Robert E., Denver, Colo., assignor to The Petroleum Processes Corporation, Wichita, Kans. Decolorizing petroleum oils. 2,106,071; Jan. 18.

Stark, Julian H., Fort Wayne, Ind., assignor to General Electric Company. Coin controlled time switch. 2,106,042; Jan. 18.

Stehman, Carlyle J., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Production of alkyl sulphates. 2,105,512; Jan. 18.

Stelljes, Fred D., East Orange, assignor to T. & L. Company Incorporated, Newark, N. J. Handle for luggage. 2,105,559; Jan. 18.

Stever, Otto A., Los Angeles, assignor to O. H. Kruger, San Marino, Calif. Tile. 2,105,895; Jan. 18.

Stevens, Clifford E., Glen Ridge, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electroacoustic device. 2,105,934; Jan. 18.

Stevenson, Robert W., Columbus, Ohio., assignor to The Jeffrey Manufacturing Company, Reducing apparatus. 2,105,759; Jan. 18.

Steward, John W., et al. (See Griffin, George, assignor.)

Stewart, Marvin, Ashland, Ky. Brake. 2,105,967; Jan. 18.

Stift, Edward, St. Louis, Mo. Brake mechanism. 2,105,560; Jan. 18.

Stitt, Claude M., Antioch, assignor to Fibreboard Products, Inc., San Francisco, Calif. Box making machine. 2,105,620; Jan. 18.

Stitt, Henry J., New York, N. Y. Game. 2,106,128; Jan. 18.

Stock, Thomas D., et al. (See Tabley, George L., assignor.)

Stow, Clarence E., Kansas City, Mo., assignor to Westoco Products, Inc. Windshield sprayer. 2,105,676; Jan. 18.

Streb, Robert J. (See Chappell, R. R., McCormack, and Streb.)

Strong, William E. S., assignor to John B. Pierce Foundation, New York, N. Y. Roof construction. 2,106,140; Jan. 18.

Stubbs, Everard, assignor to The Fellows Gear Shaper Company, Springfield, Vt. Honing gears, and for truing the honing means. 2,105,800; Jan. 18.

Stuber, Walter J., assignor to Carey-McFall Co., Philadelphia, Pa. Shade roller plunger trunnion. 2,106,073; Jan. 18.

Stuber, Walter J., assignor to Carey-McFall Co., Philadelphia, Pa. Venetian blind headrail support. 2,106,074; Jan. 18.

Stumbo, Ray J., assignor of one-third to R. Reed, Salem, Oreg. Vaporizing apparatus for internal combustion engines. 2,105,677; Jan. 18.

Sublette, Clifford M. (See Johndohl, G. H., and Sublette.)

Sullivan Machinery Corporation. (See Gartin, Elmer G., assignor.)

Sullivan Machinery Company. (See Huffman, Mervin C., assignor.)

Sullivan Machinery Company. (See Noble, Warren, assignor.)

Sundback, Gideon, assignor to Talon, Inc., Meadville, Pa. Making separable fasteners. 2,106,129; Jan. 18.

Superheater Company, The. (See Ostermann, R. M., and Williams, assignors.)

Superheater Company, The. (See Rawson, E., and Williams, assignors.)

Superior Metal Products Company. (See Demers, Isaie J. B., assignor.)

Surgident, Ltd. (See van Rossem, Walter J., assignee.)

Sussman, Philip. (See Barlow, S. D., and Sussman.)

Swallen, Lloyd C., Terre Haute, Ind., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Production of zein. 2,106,760; Jan. 18.

Swanson, Harry R., White Plains, assignor to Foster Wheeler Corporation, New York, N. Y. Oil treatment. 2,105,935; Jan. 18.

Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,105,561; Jan. 18.

Swingspout Measure Company. (See Wiswell, Osro N., assignor.)

T. & T. Company Incorporated. (See Stelljes, Fred D., assignor.)

Tabley, George L., Paddington, near Sydney, New South Wales, assignor of one-fourth to T. D. Stock and one-fourth to G. Seddon, Sydney, Australia. Head band for headwear. 2,106,075; Jan. 18.

Talen, Inc. (See Sundback, Gideon, assignor.)

Tanning Process Company, The. (See Merritt, Matthew M., assignor.)

Tappan Stove Company, The. (See Hoff, John G., assignor.)

Tartaron, Francis X., Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y. Concentration of nonmetallic minerals. 2,105,826; Jan. 18.

Tartaron, Francis X., Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y. Concentration of nonmetallic minerals. 2,105,827; Jan. 18.

Tax-Auditor Systems, Inc. (See Mothman, A., and Sheaff, assignors.)

Taylor Instrument Companies. (See Hubbard, Karl H., assignor.)

Tear, Harry R., Evanston, assignor to The Lubriection Corporation, Chicago, Ill. Lubricant dispenser. 2,106,023; Jan. 18.

Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Mechanical powder puff. 2,106,621; Jan. 18.

Tetzlaff, Benjamin A. (See Vaver, Walter, assignor.)

Thiele, William F. (See Massey, P. J., Thiele, and Raprager.)

Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,105,862; Jan. 18.

Thomas, Arvine N., Canton, Ohio, assignor to J. P. Ward, Jr., Chicago, Ill. Typewriter stand. 2,105,968; Jan. 18.

Thomas, De Witt V. B., East Orange, N. J. Game. 2,106,563; Jan. 18.

Thomas, Laurence H. (See Hauser, C. A., and Thomas.)

Thomas, Norman M., Brooklyn, assignor to Joe Lowe Corporation, New York, N. Y. Viscous liquid filling and measuring apparatus. 2,106,076; Jan. 18.

Thompson, Tom H., Detroit, Mich. Vehicle spring. 2,106,269; Jan. 18.

Tibbals, Nathan V., New Canaan, assignor to Hat Corporation of America, Norwalk, Conn. Hat. 2,105,622; Jan. 18.

Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,105,956; Jan. 18.

Timken Roller Bearing Company, The. (See Slusser, Harry R., assignor.)

Title, Ralph E. W. (See Burdsall, C. S., and Title.)

Tobiasson, Anders J., Lysekil, Sweden. Vessel or box for canning. 2,105,795; Jan. 18.

Todd Combustion Equipment, Inc. (See McDonald, James, assignor.)

Tolmann, Charles P., Kew Gardens, N. Y. Liquid fuel conditioning apparatus. 2,105,992; Jan. 18.

Tonsten, Frank D., assignor to Wurton Machine Company, Philadelphia, Pa. Treating tobacco. 2,105,843; Jan. 18.

Tourtaver, Inc. (See Purrin, Jay C., assignor.)

Towne, Charles C., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Drive for rotating elements of electro-optical systems. 2,105,897; Jan. 18.

Trew, James W., Gettysburg, assignor to Rice, Trew & Rice Co. Inc., Biglerville, Pa. Fringe support for use in packing fruits. 2,106,141; Jan. 18.

Trojan Powder Company. (See Wyler, Joseph A., assignor.)

Tronnier, Albrecht W., Bad Kreuznach, assignor to the Corporation of Jos. Schneider & Co., Optotechnische Gesellschaft, Berlin, Germany. Photographic objective. 2,105,729; Jan. 18.

Tronnier, Albrecht W., Bad Kreuznach, assignor to the Corporation of Jos. Schneider & Co., Optotechnische Gesellschaft, Berlin, Germany. Corrected objective. 2,105,077; Jan. 18.

Tubize Chatillon Corporation. (See McCutt, Homer E., assignor.)

Tuthill, Harry J., Ferguson, Mo. Apparatus for use in making drawings. 2,105,708; Jan. 18.

Ulmer, Paul F. (See Lauenstein, C. F., and Ulmer.)

Union Carbide and Carbon Corporation. (See Wilson, Alexander L., assignor.)

Union Oil Company of California. (See Aldridge, B. G., and Rogats, assignors.)

United-Carr Fastener Corporation. (See Upham, Preston, assignor.)

United Shoe Machinery Corporation. (See Kamineen, Frank, assignor.)

United States Air Compressor Company, The. (See Sandin, P. L., and Peterson, assignors.)

U. S. Bottlers Machinery Co. (See Risser, Ivan H., assignor.)

Universal Oil Products Company. (See Alther, Joseph G., assignor.)

Universal Oil Products Company. (See Dubbs, Carbon P., assignor.)

Universal Oil Products Company. (See Morrell, Jacque C., assignor.)

Universal Oil Products Company. (See Seguy, Jean D., assignor.)

Universal Oil Products Company. (See Swartwood, Kenneth, assignor.)

Upham, Preston, Brookline, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Handbag fastener structure. 2,106,142; Jan. 18.

Urquhart, George G. (See Urquhart, Radcliffe M. and G. G.)

Urquhart, Radcliffe M., Philadelphia, and G. G. Urquhart, Cynwyd, Pa. Method and apparatus for foam generating and distributing. 2,106,043; Jan. 18.

Usselman, George R., Port Jefferson, Long Island, N. Y., assignor to Radio Corporation of America. Modulation. 2,105,678; Jan. 18.

Usselman, George R., Port Jefferson, Long Island, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,105,849; Jan. 18.

Vance, Arthur W., Camden, N. J., assignor to Radio Corporation of America. Television apparatus. 2,105,870; Jan. 18.

Van Pesel, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Recovering of gasoline distillate. 2,105,850; Jan. 18.

Van Rossum, Walter J., West Los Angeles, assignor to Surgident, Ltd., Los Angeles, Calif. Flexible package for hydrocolloid impression materials. 2,105,623; Jan. 18.

Vaughan Motor Co. (See Weiss, Samuel, assignor.)

Vaughan, John V. (See Lanier, W. A., and Vaughan.)

Vaver, Harriet, administratrix. (See Vaver, Walter.)

Vaver, Walter, deceased, Clarke, assignor of one-half to B. A. Tetzlaff, Riverside, Ill.; H. Vaver administratrix. Gun sight. 2,105,964; Jan. 18.

Vega Manufacturing Corporation. (See Reuben, Samuel, assignor.)

Venus Corporation. (See Schmittacher, Herman, assignor.)

Vickers, Richard N. (See Kuhn, P. C., and Vickers.)

Vigne, Albert, Webster Groves, assignor to National Bearing Metals Corporation, St. Louis, Mo. Oil and dust seal for journal boxes. 2,105,971; Jan. 18.

Violetto, Richard J., Virginia, Minn. Resilient closure. 2,105,709; Jan. 18.

Volck, Arvid C., Whiting, and M. Fabrio, Hammond, Ind., assignors to Standard Refining Company, New York, N. Y. Lubricant demetalliser. 2,105,852; Jan. 18.

Volmer, Prof. Dr. Max. (See Silberstein, Luder, assignor.)

Von Harten, John H., et al. (See McCarty, Roy C., assignor.)

Von Schantz, Gustaf S., Newton, Mass. Metal stair construction. 2,105,565; Jan. 18.

Wadel, Josef, Hamburg, Germany. Casing for suppositories. 2,105,710; Jan. 18.

Waechter, Charles B. (See Martin, S. B., and Waechter.)

Wagner Electric Corporation. (See Dick, Burns, assignor.)

Wagner, William E., Kilworthy, Ontario, Canada, assignor to Western Cartridge Company, East Alton, Ill. Shot shell. 2,105,926; Jan. 18.

Ward, James P., Jr. (See Thomas, Arvine N., assignor.)

Warner, Arthur L., assignor to Illinois Iron & Bolt Company, Carpentersville, Ill. Grinding machine. 2,105,872; Jan. 18.

Warren, Webster & Company. (See Kamsvaag, Gudmund, assignor.)

Watkins, William R., Hemet, Calif. Subirrigation device. 2,105,566; Jan. 18.

Watts, Albert E., Montreal, Quebec, Canada. Boiler. 2,106,502; Jan. 18.

Waunch, Robert, Salem, assignor to E. E. Smith, Silverton, Oreg. Casting block. 2,105,506; Jan. 18.

Weathered, George C., assignor to Celluform Corporation, Chicago, Ill. Producing layers of distended thermo material. 2,105,721; Jan. 18.

Webb, John K., Aldwych, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Joint for high tension electric cables. 2,105,567; Jan. 18.

Weber, Albert L. (See McLean, H. C., and Weber.)

Webster, Fullerton D., Mountain Lakes, assignor to Federal Telegraph Company, Newark, N. J. Apparatus for diathermic treatment. 2,105,568; Jan. 18.

Weindel, Fred, Jr., assignor to E. F. Gaumnitz & Sons, Inc., Allentown, Pa. Bushion or sign. 2,105,630; Jan. 18.

Weinheimer, Claude M., assignor to Detroit Electric Furnace Company, Detroit, Mich. Door and operating mechanism. 2,105,572; Jan. 18.

Weiss, Samuel, assignor to Vaughan Motor Co., Inc., Portland, Oreg. Tractor. 2,105,685; Jan. 18.

Welch, Alfred F., Fort Wayne, Ind., assignor to General Electric Company. Directional self-starting induction motor. 2,105,513; Jan. 18.

Welch, Alfred F., Fort Wayne, Ind., assignor to General Electric Company. Self-reversing motor drive. 2,105,514; Jan. 18.

Welch, Robert E., and J. T. Shoup, Canton, Ohio. Hydraulic brake. 2,105,712; Jan. 18.

Welch, William A. (See Harris, J. P., and Welch.)

Wemple, Leland E. (See Deason, J. E., and Wemple.)

Werdehoff, Albert B., Lake Orion, assignor to Chrysler Corporation, Highland Park, Mich., Prance. 2,105,713; Jan. 18.

West, Frank R., Detroit, Mich. Bolt and chain lock. 2,105,714; Jan. 18.

West Virginia Pulp & Paper Company. (See Harris, J. P., and Welch, assignors.)

Western Cartridge Company. (See Olin, John M., assignor.)

Western Cartridge Company. (See Wagner, William E., assignor.)

Western Electric Company. (See Johannessen, Vaughn L., assignor.)

Western Electric Company. (See Spencer, Frank C., assignor.)

Westinghouse Electric & Manufacturing Company. (See Crabbs, Herbert J., assignor.)

Westeco Products, Inc. (See Stow, Clarence M., assignor.)

White, Eric L. C., Hillingdon, and W. S. Percival Hanwell, assignors to Electric & Musical Industries Limited, Hayes, England. Directional wireless aerial system. 2,105,569; Jan. 18.

White, Ralph H., and D. J. McNevin, Chicago, Ill. Facing tape for Venetian blinds. 2,106,987; Jan. 18.

Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Treatment of organic derivatives of cellulose. 2,105,570; Jan. 18.

Whitney, Wiley, Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone exchange system. 2,105,741; Jan. 18.

Wichtendahl, Rudolf, Hanover, Germany. Hydraulically actuated friction clutch. 2,105,638; Jan. 18.

Williams, Alfred L. W., assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric device and making the same. 2,106,145; Jan. 18.

Williams, Arthur. (See Gotsmann, E. M., and Williams.)

Williams, Arthur. (See Rawson, E., and Williams.)

Williams and Masons Company. (See Cox, George D., assignor.)

Williams, Oscar C., San Diego, Calif. Hair dressing tool. 2,105,971; Jan. 18.

Williams, Walter W., Bloomington, Ill. Flame control for fluid fuel burners. 2,105,634; Jan. 18.

Williams, Wilbert E., Columbus, Ohio, assignor, by mesne assignments, to Solar Refrigerator, Denver, Pa. Stencil ing apparatus. 2,105,673; Jan. 18.

Willinger, David. (See Frank, H., and Willinger.)

Wilson, Alexander L., Pittsburgh, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Production of morpholine ethanols. 2,105,828; Jan. 18.

Wilson, Herbert J., New York, N. Y. Electrical connecting and supporting means. 2,105,575; Jan. 18.

Winchester Repeating Arms Company. (See Young, George A., assignor.)

Wing, Forrest H., Tacoma, Wash. Bunting. 2,105,674; Jan. 18.

Wingfoot Corporation. (See Clifford, Albert M., assignor.)

Wingfoot Corporation. (See Cramer, Howard I., assignor.)

Wingfoot Corporation. (See Gordon, J. T., and Snyder, assignors.)

Wingfoot Corporation. (See Mass, Elor F., assignor.)

Wingfoot Corporation. (See Smith, Claude H., assignor.)

Wingfoot Corporation. (See Woodward, Alva W., assignor.)

Wired Radio, Inc. (See Duncan, Robert D., Jr., assignor.)

Wirth, Theodor. (See Knecht, O., and Wirth.)

Wiswell, Osro N., assignor to Swingspout Measure Company, Los Angeles, Calif. Can opener and dispensing device. 2,105,575; Jan. 18.

Wittek, Joseph, Pasadena, Calif., assignor to Wittek Manufacturing Co., Chicago, Ill. Hedge and tree trimmer. 2,105,576; Jan. 18.

Wittek Manufacturing Co. (See Wittek, Joseph, assignor.)

Wood, Edward L., Detroit, Mich. Service station power oil removal unit. 2,105,761; Jan. 18.

Wood, Milton B., Ellingville, N. Y. Game apparatus. 2,106,084; Jan. 18.

Woodward, Alva W., Kent, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Wheel or rim. 2,105,820; Jan. 18.

Woolhiser, Jay H. (See Gross, O. J., and Woolhiser.)

Worthington Pump and Machinery Corporation. (See Heath, Barthy E., Jr., assignor.)

Wright, David C., Euclid, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Cam-set sew timing device. 2,105,640; Jan. 18.

Wurton Machine Company. (See Tonsten, Rush D., assignor.)

Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Preparation of nitrates of monohydric aliphatic alcohols. 2,105,902; Jan. 18.

Yorktown Electric Heater Manufacturing Corporation. (See Behr, H. C. K., and Bek, assignors.)

Young, David H. (See Marvalle, J., and Young.)

Young, Lawrence K., Seattle, Wash. Disappearing wall cabinet board. 2,106,044; Jan. 18.

Zamborsky, Andrew M., Cleveland, Ohio. Fishing device. 2,106,046; Jan. 18.

Zelenoff, Paul P., Philadelphia, Pa. Whipping top. 2,105,904; Jan. 18.

Zeller, John E. (See Grieg, A. E., and Zeller.)

Zetzmann, Walther, and E. Graumann, Premnitz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of threads from viscose. 2,106,502; Jan. 18.

Zimmerman, Thomas, assignor to Bower Roller Bearing Company, Detroit, Mich. Machine for honing conical surfaces. 2,105,762; Jan. 18.

Zucker, Milton. (See Moore, C. G., and Zucker.)

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 18TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Battery filling device. A. H. Mosher. 20,627; Jan. 18.
Blow-out preventer. J. W. MacClatchie. 20,631; Jan. 18.
Coupling, Hose. A. A. Eisenman. 20,629; Jan. 18.
Electrical control mechanism for trolley bucket plants. H. E. Hallenbeck. 20,630; Jan. 18.
Shield, Frost. J. R. Thorp. 20,628; Jan. 18.
Tape actuating device. W. J. Zenner. 20,626; Jan. 18.
Tone arm for electric phonographs. M. Zeh. 20,625; Jan. 18.
Tuning scale. H. M. Lewis. 20,632; Jan. 18.

LIST OF PLANT INVENTIONS

Rose. F. H. Howard. 268; Jan. 18.

LIST OF DESIGN INVENTIONS

Advertising device or the like. J. O. Reinecke. 106,034–6; Jan. 18.
Ball, Tennis. S. G. Ball. 107,939; Jan. 18.
Blotter and pad holder for desks, Combination. G. Stone. 106,024; Jan. 18.
Bottle. E. L. Brandeis. 106,010; Jan. 18.
Bottle. F. McIntosh. 107,966; Jan. 18.
Box for cigarettes, playing cards and the like. H. Lathrop. 106,016; Jan. 18.
Box, Shoeshine. C. H. Churchill. 107,945; Jan. 18.
Cabinet, Radio. A. L. Herron. 107,965; Jan. 18.
Cabinet, Spool display. B. J. Graham. 107,957; Jan. 18.
Camera. W. D. Teague. 107,976; Jan. 18.
Chair. R. Mulwitz and H. G. Jennings. 107,967; Jan. 18.
Clip, Pen and pencil. C. E. Marshall. 107,964–5; Jan. 18.
Clock and weather and temperature indicator, Combination. O. G. Williams. 106,007; Jan. 18.
Clothesline tightener. M. Bocchino. 107,944; Jan. 18.
Coat. H. Miller. 106,031; Jan. 18.
Coat. J. A. Silverman. 106,038–41; Jan. 18.
Compressor, Motor driven portable. J. W. Jones. 106,001; Jan. 18.
Container for watches, Display. S. Weissman. 107,961; Jan. 18.
Container or similar article, Jewelry display. W. J. Hiscock. 107,997–106,000; Jan. 18.
Dress. H. Berry. 107,940–2; Jan. 18.
Dress. T. Coleman. 106,043; Jan. 18.
Dress. P. Fracchia. 107,950–53; Jan. 18.
Dress. I. Lampel. 106,053; Jan. 18.
Dress. A Magazia. 106,054; Jan. 18.
Dress. M. Michelson. 106,029; Jan. 18.
Dress. R. Perlman. 106,033; Jan. 18.
Dress. S. J. Foster. 106,056; Jan. 18.
Dress. D. W. Price. 107,973–4; Jan. 18.
Dress. K. Root. 107,975; Jan. 18.
Dress. B. Shapiro. 106,055; Jan. 18.
Dress. M. B. Smith. 106,058; Jan. 18.
Dress. M. Wagner. 107,978–9; Jan. 18.
Dress. M. Wagner. 106,060; Jan. 18.
Dress. S. Warshaw. 107,980; Jan. 18.
Dress ensemble. E. M. Ciccone. 106,046–7; Jan. 18.
Dress ensemble. T. Coleman. 106,049; Jan. 18.
Dress ensemble. S. Connelli. 106,050; Jan. 18.
Dress ensemble. M. Michelson. 106,030; Jan. 18.
Dress ensemble. D. W. Price. 107,972; Jan. 18.
Dress, Ensemble. N. Rolfe. 106,057; Jan. 18.
Dress ensemble. W. G. Steinman. 106,042; Jan. 18.
Dress ensemble. S. Zahn. 106,061; Jan. 18.
Electric power unit, Portable. W. F. Allenby and C. H. Willman. 107,963; Jan. 18.
Eyeshade or similar article. A. N. Gates. 107,954; Jan. 18.
Fabric, Textile. P. S. Schwartz. 106,021; Jan. 18.
Fan, Electric. M. S. Park. 106,032; Jan. 18.
Frame member for a velocipede, Rear. E. J. Anderson. 107,967; Jan. 18.
Glider. A. S. Goldberg. 107,955; Jan. 18.
Glove. J. A. Higier. 107,998; Jan. 18.
Goblet or similar article. E. A. Kelly. 106,003–3; Jan. 18.
Handbag. H. Fehmann. 106,012–13; Jan. 18.
Handbag. H. Fehmann. 106,020; Jan. 18.
Handbag. H. Fehmann. 106,031–2; Jan. 18.
Handle stick. J. W. West. 106,025; Jan. 18.
Hose tower and cabinet for automobile service stations or the like, Combined. W. A. Kropp. 107,959–61; Jan. 18.
Jar. N. F. Stener. 106,023; Jan. 18.
Jar, Pucker. F. J. Petty. 106,020; Jan. 18.
Label. E. Opler. 107,968; Jan. 18.
Lamp, Semi-indirect electric. E. A. Dickerson. 107,949; Jan. 18.
Mantel or similar article. D. J. Baum. 106,006–9; Jan. 18.
Masher or similar article, Vegetable. J. G. Jackson. 106,028; Jan. 18.
Mixer, Portable food. W. F. Allenby and C. H. Willman. 107,964; Jan. 18.
Pajamas. J. R. Abraham. 107,983; Jan. 18.
Plate or similar article. E. A. Kelly. 106,005; Jan. 18.
Plate or similar article, Salad. E. A. Kelly. 106,004; Jan. 18.
Platen frame for typewriting machines. J. N. Hoffman. 106,014; Jan. 18.
Press or the like. E. M. Pfauser. 107,971; Jan. 18.
Projector. S. Edwards. 107,948; Jan. 18.
Scarf. P. Q. O'Hara. 106,019; Jan. 18.
Shaver, Dry. E. Knapp. 106,015; Jan. 18.
Shoe. W. L. Delaney. 107,946; Jan. 18.
Shoe. L. J. Epstein. 107,949; Jan. 18.
Shoe. J. Lane. 107,962; Jan. 18.
Shoe. A. H. Lansing. 107,963; Jan. 18.
Shoe sole. N. H. Towsley. 107,977; Jan. 18.
Sink. J. R. Morgan. 106,017; Jan. 18.
Slip. S. B. Hochman. 106,027; Jan. 18.
Slipper. L. Goodkind. 107,956; Jan. 18.
Strainer. C. R. T. Hess. 107,969; Jan. 18.
Table, Shelved. L. L. Woodard. 107,982; Jan. 18.
Tank top, Toilet. C. C. Norris. 106,018; Jan. 18.
Telephone hand-set-mounting. H. Sengebusch. 106,022; Jan. 18.
Textile fabric. W. Ross. 106,037; Jan. 18.
Tongs, Serving. J. C. Brown. 106,011; Jan. 18.
Tool, Garden. W. W. Wallace. 106,049–4; Jan. 18.
Tumbler. R. W. Fuerst. 107,992–7; Jan. 18.
Tumbler. M. O. Hansen. 107,992–04; Jan. 18.
Velocipede frame member. E. J. Anderson. 107,938; Jan. 18.
Waffle iron or the like. H. A. Smith. 106,026; Jan. 18.
Watch, Wrist. I. L. Bloom. 107,943; Jan. 18.
Welding apparatus, Electric. J. W. Wilkinson. 106,045; Jan. 18.
Wheel and tire, Combined. J. V. Martin. 106,055; Jan. 18.
Workstand or the like. E. M. Pfauser. 107,969–70; Jan. 18.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 18TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrasive and polishing machine, Surface. V. R. Pallas. 2,105,612; Jan. 18.
Adhesive and coating composition. A. D. Macdonald. 2,105,697; Jan. 18.
Adhesive, Metal backed pressure-sensitive. M. A. Goldman. 2,106,123; Jan. 18.
Adjustable finger ring. R. A. Russell. 2,105,796; Jan. 18.
Aerial system, Directional wireless. R. L. C. White and W. S. Percival. 2,105,800; Jan. 18.
Agitator for washing machines. J. C. Nelson. 2,105,774; Jan. 18.
Air chamber Diesel engine. F. Lang. 2,105,662; Jan. 18.
Air conditioning apparatus. C. C. Hanicke. 2,105,692; Jan. 18.
Air conditioning apparatus. G. W. Langford. 2,105,887; Jan. 18.
Air conditioning system. W. L. Fleisher. 2,105,882; Jan. 18.
Air conditioning system. O. A. Labes and R. B. P. Crawford. 2,106,101; Jan. 18.
Aircraft having rotative sustaining wings. J. A. J. Bennett and F. L. Hodgson. 2,105,682; Jan. 18.
Air currents of the earth, Device for depicting prevailing. B. O. Smith. 2,105,619; Jan. 18.
Alkyl sulphates, Production of. C. J. Stahman. 2,105,512; Jan. 18.
Alloy for permanent magnets. K. Honda. 2,105,687; Jan. 18.
Alloy of nickel, titanium cobalt, iron, and aluminum for permanent magnets. K. Honda. 2,105,688; Jan. 18.
Amines as antioxidants for deteriorable compositions, Substituted secondary. A. M. Clifford. 2,105,806; Jan. 18.
Annealing cover. E. N. Millan. 2,105,760; Jan. 18.
Announcer, Radio program. H. O. N. Evans, Jr. 2,105,527; Jan. 18.
Antenna system. F. F. Merriam. 2,105,938; Jan. 18.
Applicator. S. M. Lewis. 2,105,946; Jan. 18.
Arc rupturing device for electric switches. E. Lange. 2,106,032; Jan. 18.
Arch and wall construction. L. M. Beall. 2,105,804; Jan. 18.
Asbestos rings, Manufacture of. T. Krumsiit. 2,106,119; Jan. 18.
Attrition devices, Manufacture of. G. Griffin. 2,105,918; Jan. 18.
Automobile front end supporting mechanism. G. L. Scheidell. 2,105,822; Jan. 18.
Auto-vent. W. L. Morrison. 2,105,801; Jan. 18.
Azo-dyestuffs and their manufacture, Red. O. Knecht and T. Wirth. 2,105,962; Jan. 18.
Azo-dyestuffs and their production, Basic. E. Schirm. 2,105,965; Jan. 18.
Bag: *See*—
Golf bag.
Bag for automobiles, Traveling. W. A. Rush. 2,105,989; Jan. 18.
Bagger and loader, Automatic. W. L. O'Brien. 2,105,810; Jan. 18.
Bakery products, Sterilizing wrapped. L. W. Haas. 2,105,648; Jan. 18.
Ball, Punching. J. Klecka. 2,105,941; Jan. 18.
Ball, Playing. A. D. Macdonald. 2,105,745; Jan. 18.
Band for headwear, Head. G. L. Tabley. 2,105,975; Jan. 18.
Bandage binder clip. E. Freiberg. 2,105,725; Jan. 18.
Barbituric compound, Methallyl-substituted. H. A. Shonle. 2,106,128–9; Jan. 18.
Barium compounds, Manufacture of. E. E. Fisher. 2,105,940; Jan. 18.
Barrel. E. G. Cook. 2,105,939; Jan. 18.
Baseball bats, Apparatus for treating. C. R. and G. L. Beck. 2,106,466; Jan. 18.
Baths used in the manufacture of cellulose products from viscose, Treatment of acid setting. J. L. Costa. 2,105,654; Jan. 18.
Bead wire die. J. T. Gordon and R. W. Snyder. 2,105,813; Jan. 18.
Bearing: *See*—
Roller bearing. Shaft bearing.
Bearing. J. U. Lonsdale. 2,105,979; Jan. 18.
Bedstead. G. M. Harris. 2,105,788; Jan. 18.
Belt conveyer. J. R. Madaire. 2,105,988; Jan. 18.
Belt, Safety. E. L. Hoffman. 2,105,680; Jan. 18.
Berth, Automobile collapsible. J. Knudson. 2,105,740; Jan. 18.
Beverages, Purification of. W. D. Ramage. 2,105,700–1; Jan. 18.
Blade heft. E. L. Laverty. 2,105,661; Jan. 18.
Blank, Container. W. G. Reagan. 2,106,044; Jan. 18.
Blind head rail support, Venetian. W. J. Stuber. 2,106,074; Jan. 18.
Block: *See*—
Cutting block.
Board: *See*—
Wall cabinet board.
Boiler. A. E. Watts. 2,105,801; Jan. 18.
Bolt and chain lock. F. E. West. 2,105,714; Jan. 18.
Boring tool. B. F. Rosenberg. 2,105,757; Jan. 18.
Bottle cap. W. E. Gloor. 2,105,768; Jan. 18.
Box: *See*—
Terminal box.
Box for booms, Shuttle. W. H. Bahan. 2,105,578; Jan. 18.
Box making machine. C. M. Stitt. 2,105,620; Jan. 18.
Brace, Trestle. F. E. Manley. 2,105,979; Jan. 18.
Bracket: *See*—
Curtain rod bracket.
Brake: *See*—
Hydraulic brake.
Brake. M. Stewart. 2,105,867; Jan. 18.
Brake beam safety guard structure. E. G. Busse. 2,105,905; Jan. 18.
Brake lockout, Hydraulic. R. C. McCarty. 2,105,749; Jan. 18.
Brake mechanism. E. Stift. 2,105,560; Jan. 18.
Brick construction, Fabricated. E. V. Poston. 2,105,613; Jan. 18.
Bronze, Hot workable. D. R. Hull. 2,105,945; Jan. 18.
Brooder. W. A. and M. L. V. Banning. 2,105,779; Jan. 18.
Bubble column. R. M. Parsons. 2,105,501; Jan. 18.
Building. F. W. Beck. 2,105,824; Jan. 18.
Bullet, Disintegrating. G. A. Tyley. 2,105,523; Jan. 18.
Bumper, Vertical. A. S. Campbell. 2,106,130; Jan. 18.
Burring table. H. W. Birch. 2,105,715; Jan. 18.
Cabinet: *See*—
Display cabinet. Towel dispensing cabinet.
Cabinet. W. Gersten. 2,105,763; Jan. 18.
Cable: *See*—
Electric cable.
Cable supporting device. C. H. Klein. 2,106,006; Jan. 18.
Cable winding mechanism, Transportable. B. P. Fitch. 2,105,476; Jan. 18.
Calculating machine and the like. B. Carlström and R. Hansen. 2,105,520; Jan. 18.
Camera, Motion picture. H. Becker. 2,105,631; Jan. 18.
Camera, Photographic film. H. Becker. 2,105,630; Jan. 18.
Camera, Visualizing. J. A. Slack. 2,105,557; Jan. 18.
Candy novelty. J. G. Homan. 2,106,007; Jan. 18.
Cap: *See*—
Bottle cap.
Cap for containers, Self-closing. G. L. Latour. 2,105,695; Jan. 18.
Carbon black, Producing. F. C. Reed. 2,106,137; Jan. 18.
Card and pamphlet holder. F. E. Henrich. 2,105,564; Jan. 18.
Carriage for Röntgen apparatus. M. Andreini. 2,105,961; Jan. 18.
Carrier supply system. R. D. Duncan, Jr. 2,105,809; Jan. 18.
Carrier wave transmission system. H. W. Dudley. 2,105,910; Jan. 18.
Cartridge, Loaded small caliber rifle. J. M. Olin. 2,106,107; Jan. 18.
Case: *See*—
Cigarette case. Packing case.
Gauge tape case.
Casettes, Film loading. H. Becker. 2,105,628; Jan. 18.
Casette, Moving picture camera. H. Becker. 2,105,629; Jan. 18.
Casing for suppositories. J. Wadel. 2,105,710; Jan. 18.
Casing spear, Hollow trip. F. J. Hinderliter. 2,105,885; Jan. 18.
Catalytic hydrogenation of hydroaromatic carboxylic acids and their esters. W. A. Lazier. 2,105,864; Jan. 18.
Catalyst, Chromium sulphomolybdate. W. A. Lazier and J. Y. Vaughen. 2,105,685; Jan. 18.
Catalytic hydrogenation process for the production of aldehydes. W. A. Lazier. 2,105,540; Jan. 18.
Cellulose esters, Production of. M. G. Milliken. 2,105,609; Jan. 18.
Cellulose, Manufacture of alkali. A. Bayerl and K. Kleinfinger. 2,106,111; Jan. 18.
Cellulose, Noncorrosive organic derivatives of. H. E. Martin and D. A. Eanor. 2,105,543; Jan. 18.
Cellulose, Preparation of organic derivatives of. H. E. Martin and D. A. Eanor. 2,105,544; Jan. 18.
Cellulose, Treatment of organic derivatives of. W. Whitehead. 2,105,570; Jan. 18.

Cellophane, Device for winding and cutting. L. G. Stanciff. 2,105,707; Jan. 18.
Cellulose, Process of nitrating. L. S. Baker, I. H. Morgan, and R. J. Quaid. 2,105,527; Jan. 18.
Chair. B. R. Smith. 2,105,510; Jan. 18.
Chair, settee or like furniture. W. H. Sadgrove. 2,106,066; Jan. 18.
Chassis for motor driven vehicles. F. W. Dixon. 2,105,781; Jan. 18.
Chassis of vehicles. K. and H. O. Schröter. 2,105,883; Jan. 18.
Check machine, Sales tax. A. Melhman and M. Sheras. 2,105,948; Jan. 18.
Chlorination process. H. B. Haas and R. T. McBee. 2,105,723; Jan. 18.
Cigarette case, Sectional. H. Auslander. 2,105,517; Jan. 18.
Cigarette extinguisher. D. F. Norton. 2,106,059; Jan. 18.
Cigarette or cigar. A. D. Rawlings. 2,106,062; Jan. 18.
Circuit: *See*—
Volume control circuit.
Circuit breaker. H. J. Crabbe. 2,104,114; Jan. 12.
Circuit breaker, Electromagnetic overload. W. Laphausen. 2,105,604; Jan. 18.
Circuit controlling means. B. W. Jones. 2,106,100; Jan. 18.
Clip: *See*—
Bandage binder clip.
Clock attachment, Electric. H. W. Hyde. 2,105,580; Jan. 18.
Closure for tubes and the like. K. D. Heimach and O. Brassart. 2,106,023; Jan. 18.
Closure, Resilient. R. J. Violette. 2,105,709; Jan. 18.
Clutch: *See*—
Freewheeling clutch. Friction clutch.
Coal briquetting, Coking. J. Becher. 2,105,833; Jan. 18.
Coal Mining. E. Ramsay. 2,105,504; Jan. 18.
Coating from containers, Removing. F. Gottelmann. 2,105,767; Jan. 18.
Coating the interior of a water main, Device used for. C. Ingles. 2,105,094; Jan. 18.
Coil, Metal. C. S. Henderson. 2,105,734; Jan. 18.
Collar. J. Lyons. 2,105,668; Jan. 18.
Collets, Sizing. F. G. Silva. 2,105,618; Jan. 18.
Color in plant specimens, Preserving the natural. G. R. Fernekes. 2,105,698; Jan. 18.
Combat vehicle. A. W. Herrington. 2,105,917; Jan. 18.
Combustion chamber of internal combustion engine of the compression ignition type. H. R. Ricardo. 2,104,124; Jan. 18.
Combustion control system. L. L. Cunningham. 2,105,656; Jan. 18.
Composing machine. R. V. Graves and A. J. Bohman. 2,105,731; Jan. 18.
Compositions of matter. W. H. Moss. 2,105,952; Jan. 18.
Compressor system. W. Fourness. 2,105,765; Jan. 18.
Condenser: *See*—
Variable condenser.
Condenser device for refrigerators. R. H. Money. 2,105,751; Jan. 18.
Conditions or operations, Controlling. R. R. Chappell, D. McCormack, and R. J. Streb. 2,104,083; Jan. 12.
Container: *See*—
Dispensing container.
Container. F. D. McGowan. 2,106,122; Jan. 18.
Container. A. Ouellette. 2,105,953; Jan. 18.
Container conveying apparatus. I. H. Risser. 2,105,795; Jan. 18.
Containers, Hot plating. I. J. R. Demers. 2,105,906; Jan. 18.
Control device for oil burners. N. Boe. 2,105,931; Jan. 18.
Control for automobile generators, Manual. O. Mueller. 2,106,926; Jan. 18.
Control system. K. H. Webbard. 2,105,598; Jan. 18.
Conveyer. E. H. Maltby. 2,105,922; Jan. 18.
Conveying apparatus. P. W. Greer. 2,106,134; Jan. 18.
Cooking tool. A. Napolillo. 2,106,057; Jan. 18.
Cooky molding device. K. M. Lee. 2,104,009; Jan. 12.
Cord connector body. M. F. Bannon. 2,105,446; Jan. 18.
Core box stripping machine. G. C. Carney. 2,105,677; Jan. 18.
Core orientation apparatus. D. Hering and C. H. Beattie, Jr. 2,105,650; Jan. 18.
Corrosion in the distillation of hydrocarbon oil, Preventing. R. G. Aldridge and R. G. Hegatz. 2,105,874; Jan. 18.
Cotton cleaner-drier, Combination seed. N. B. Henry. 2,105,726; Jan. 18.
Coupling: *See*—
Flexible shaft coupling. Pipe or rod coupling.
Coupling device for flexible members. C. Freddino. 2,105,889; Jan. 18.
Cover: *See*—
Annealing cover.
Cover and ventilator, Combination closet tank. C. C. Norris. 2,105,794; Jan. 18.
Covering, Protective. W. H. Moss. 2,105,489; Jan. 18.
Cuff. F. O. C. Brown. 2,105,471; Jan. 18.
Cup and ice cream receptacle, Conical. M. Merta. 2,105,940; Jan. 18.
Current converter, Electric. J. M. Pastarini. 2,106,014; Jan. 18.
Current, Delivering an intermittent electrical. D. O. Sprague. 2,105,675; Jan. 18.
Current flow limiting device. D. C. Wright. 2,105,809; Jan. 18.
Curtain rod bracket, Detachable. P. W. Johnson. 2,105,462; Jan. 18.
Cushion, Back. F. O. Church. 2,105,907; Jan. 18.
Cutter: *See*—
Weed cutter.
Cutting block. R. Wesnech. 2,105,568; Jan. 18.
Cylinder head construction, Monovalve. W. M. Pate. 2,105,899; Jan. 18.
Damper construction. A. A. Geese. 2,106,093; Jan. 18.
Deafness, Mechanism for grinding artificial. L. N. Roebuck and S. J. Everett. 2,106,125; Jan. 18.
Detonator and fuse and delay composition for use therein, Delay action. C. E. Sconce. 2,105,674; Jan. 18.
Device for attaching membrane. F. C. Spencer. 2,105,923; Jan. 18.
Diameter gauging apparatus. C. A. Bichel. 2,105,943; Jan. 18.
Diathermic treatment, Apparatus for. F. D. Webster. 2,105,548; Jan. 18.
Diathermy apparatus. A. H. McClelland. 2,105,749; Jan. 18.
Die: *See*—
Bead wire die.
Die casting apparatus. J. R. Deuss and L. S. Wemple. 2,105,558; Jan. 18.
Discharge device, High power. J. E. Clark, E. O. Eastwood, and V. L. Read. 2,106,472; Jan. 18.
Dispenser: *See*—
Hairpin dispenser. Towel dispenser.
Lubricant dispenser.
Dispenser for mayonnaise and like materials. J. Goldfarb, M. Goldfarb, and H. W. Hahn. 2,106,646; Jan. 18.
Dispensing container. A. J. Chamberlain. 2,105,718; Jan. 18.
Dispensing device. R. E. Perry. 2,105,892; Jan. 18.
Dispensing device. P. I. Schults and J. J. Peloach. 2,105,960-61; Jan. 18.
Display and shipping carton. R. S. Ghiselin. 2,105,842; Jan. 18.
Display cabinet. T. J. Pfiffel and F. C. H. Müller. 2,105,550; Jan. 18.
Display unit. A. B. Mull. 2,106,153; Jan. 18.
Divisor and platform support, Combination. W. P. Gemmill. 2,105,645; Jan. 18.
Diving board apparatus. C. W. Birch. 2,106,068; Jan. 18.
Doll head. E. Fenton and H. M. Dodge. 2,105,810; Jan. 18.
Door and operating mechanism. C. M. Weinheimer. 2,105,873; Jan. 18.
Door for trolley posts, Automatic. A. D. De Hart. 2,105,879; Jan. 18.
Doorknob. H. D. Shaw. 2,105,616-7; Jan. 18.
Drafting or lay-out apparatus. C. A. Spotz. 2,106,070; Jan. 18.
Draft stabilizer. E. A. Field and R. A. Field, Jr. 2,105,736; Jan. 18.
Drain, Lubricator. J. J. Hennessy. 2,105,940; Jan. 18.
Drawer and locker, Money. W. C. Miller and A. L. Abbott. 2,105,966; Jan. 18.
Drawings, Apparatus for use in making. H. J. Tuthill. 2,105,706; Jan. 18.
Drier: *See*—
Cotton cleaner-drier.
Drive for rotating elements of electro-optical system. C. C. Towne. 2,105,897; Jan. 18.
Drive mechanism. D. R. De Tar. 2,106,088; Jan. 18.
Drive, Sectional. F. Simonds. 2,105,824; Jan. 18.
Drive, Spring motor and refrigerator. A. F. Indrieri. 2,105,899; Jan. 18.
Dyestuffs and their dyed therewith, Water insoluble ortho-diazo. E. Heuer and H. Heyna. 2,105,919; Jan. 18.
Dyestuffs of the pyrrolinoanthraquinone series, Vat. H. Neresheimer and W. Reppel. 2,106,040; Jan. 18.
Dynamo electric machine. F. J. Lydon. 2,105,772; Jan. 18.
Earth boring machine. E. Darnell, H. L. Hatch, J. N. Grubb, and A. R. Tyson. 2,106,097; Jan. 18.
Educational device. L. A. Mosheway and H. H. Fay. 2,105,892; Jan. 18.
Electric cable. J. K. Ostrander. 2,106,090; Jan. 18.
Electric dehydration of emulsions, Method and apparatus for. C. H. M. Roberts. 2,105,614; Jan. 18.
Electric furnace. O. H. Bell. 2,106,072; Jan. 18.
Electric lamp. J. Bergmans. 2,106,079; Jan. 18.
Electric motor. B. Nielsen and V. A. Parts. 2,106,058; Jan. 18.
Electric switch gear. R. Parton. 2,106,061; Jan. 18.
Electric welding machine. I. J. R. Demers. 2,105,907; Jan. 18.
Electrical connecting and supporting means. H. J. Wilson. 2,105,972; Jan. 18.
Electrical switch. L. C. George. 2,105,833; Jan. 18.
Electroacoustic device. C. E. Stevens. 2,106,264; Jan. 18.
Electrode for open arc lamps. I. Silberstein. 2,106,126; Jan. 18.

Electromechanical translating device. O. M. Dunning. 2,106,051; Jan. 18.
Electron discharge device. J. P. Leiss. 2,105,483; Jan. 18.
Electron discharge device. H. H. Mendenhall. 2,105,924; Jan. 18.
Electron discharge device. V. L. Read. 2,105,506; Jan. 18.
Electron discharge device. V. L. Read. 2,105,507; Jan. 18.
Electron discharge tube, Voltage indicating. H. W. Parker. 2,105,815; Jan. 18.
Emblem or Sign. F. Weinhold, Jr. 2,105,679; Jan. 18.
Engine: *See*—
Air chamber Diesel engine. Piston valve engine.
Internal combustion engine. Radial engine.
Engine control apparatus. J. R. Dyer. 2,105,643; Jan. 18.
Ethanols, Production of morpholine. A. L. Wilson. 2,105,533; Jan. 18.
Ether, Manufacture of isopropyl. R. Reuss, H. M. Bue, and R. R. Lobo. 2,105,708; Jan. 18.
Expansion joint. J. W. Heimel. 2,106,095; Jan. 18.
Fabric: *See*—
Knitted fabric.
Fairlead. C. L. George. 2,106,000; Jan. 18.
Fastener: *See*—
File fastener.
Fastener. D. R. Stamy. 2,105,706; Jan. 18.
Fastener elements and making them, Colored. F. H. Nodine. 2,106,022; Jan. 18.
Fastener structure, Hamilang. P. Upham. 2,106,142; Jan. 18.
Fasteners, Making separable. G. Sundback. 2,106,139; Jan. 18.
Fat, Rendering. J. P. Harris and W. A. Welch. 2,105,478; Jan. 18.
Fender, Ship. E. F. Maas. 2,105,615; Jan. 18.
Fender tool. F. Lorenzo. 2,106,121; Jan. 18.
Ferrous sheets, Rolling. A. J. Castle. 2,105,965; Jan. 18.
File fastener, W. Lang. 2,105,695; Jan. 18.
Film distributing mechanism, Motion. P. J. Massey, W. F. Wilde and R. F. Hargrave. 2,105,902; Jan. 18.
Film feed and shutter, Cinematographic intermittent. A. L. V. C. Debrie. 2,106,716; Jan. 18.
Film reel, Moving picture. J. M. Goldberg. 2,105,530; Jan. 18.
Films, Apparatus for applying metallic. P. J. Massey, W. F. Wilde and R. F. Hargrave. 2,105,426; Jan. 18.
Films, Apparatus for projecting picture or sound. H. F. Nielsen. 2,106,696; Jan. 18.
Films, Reproduction and projection of gottered. A. H. J. de L. Saint Genies. 2,105,797; Jan. 18.
Filter and humidifier, Air. H. A. Fisher. 2,106,025; Jan. 18.
Fine grinding mill. E. V. Francis. 2,105,706; Jan. 18.
Firelighter machine, Adjustable. G. A. Carlson. 2,106,062; Jan. 18.
Firearm, Repeating. H. F. Meinberg. 2,105,752; Jan. 18.
Fishing device. A. M. Zamborsky. 2,104,045; Jan. 18.
Flame cone or diffuser. J. McDonald. 2,105,540; Jan. 18.
Flame control for solid fuel burners. W. W. Williams. 2,105,620; Jan. 18.
Flashing. R. W. Byers. 2,105,909; Jan. 18.
Flaw detector mechanism. H. C. Drake. 2,106,050; Jan. 18.
Flexible shaft coupling. H. J. Schotten. 2,105,762; Jan. 18.
Fleck, Applying. W. F. Reinhicon. 2,106,132; Jan. 18.
Floor covering. W. B. Cooper. 2,105,720; Jan. 18.
Floor covering. L. L. Larson and G. L. Schwartz. 2,105,436; Jan. 18.
Fluid-controlling valve. P. K. Saunders. 2,105,864; Jan. 18.
Fluid dispensing apparatus. H. T. Gem. 2,105,813; Jan. 18.
Fluid meter. C. N. Bardeal and R. H. W. Titel. 2,105,967; Jan. 18.
Foam generating and distributing method and apparatus for. R. M. and G. A. Upphart. 2,105,043; Jan. 18.
Food product, Making. G. J. Loy, J. H. Payne, and G. Alsen. 2,105,977; Jan. 18.
4-wheel drive vehicle. A. W. Herrington. 2,105,918; Jan. 18.
Frame: *See*—
Surgical tapeworm-tendon. Threshing machine frame.
frame.
Frame. A. B. Werdehoff. 2,105,713; Jan. 18.
Freewheeling clutch. H. A. Caldwell. 2,106,049; Jan. 18.
Friction clutch. C. A. Rosenberg. 2,105,923; Jan. 18.
Friction clutch, Hydraulically actuated. R. Whittemhall. 2,105,625; Jan. 18.
Fringe support for use in packing fruits. J. W. Trew. 2,106,141; Jan. 18.
Froth flotation method. F. A. Brinker. 2,105,901; Jan. 18.
Fuel agitator. H. A. Bidet. 2,105,963; Jan. 18.
Fuel conditioning apparatus, Liquid. C. P. Tolman. 2,105,993; Jan. 18.
Fuel, Manufacture of motor. W. C. Ault and C. A. Hochwalt. 2,105,464; Jan. 18.
Fumigating device. W. C. Purdy. 2,105,551; Jan. 18.
Fur for felting, Preparing. J. D. Sartahoff. 2,105,694; Jan. 18.
Furnace: *See*—
Electric furnace.
Furnace. R. M. Parsons. 2,105,500; Jan. 18.
Furnace. R. M. Parsons. 2,105,519; Jan. 18.
Furnace. R. M. Parsons. 2,105,521; Jan. 18.
Fuse, Electric. G. Goodwin. 2,105,891; Jan. 18.
Fuse plug. P. Prendergast. 2,105,109; Jan. 18.
Gain control system. H. Nyquist. 2,104,927; Jan. 18.
Game. H. J. Stitt. 2,106,125; Jan. 18.
Game. D. V. R. Thomas. 2,105,553; Jan. 18.
Game apparatus. M. S. Mayer and G. W. Schilling. 2,105,557; Jan. 18.
Game apparatus. M. R. Weed. 2,104,024; Jan. 12.
Garden tool. C. Pirich. 2,106,037; Jan. 18.
Garment. C. H. Schopbach. 2,106,024; Jan. 18.
Garment, Combination. J. H. Le Cocq. 2,105,708; Jan. 18.
Garment or ironing press. P. N. Braun and H. Davis. 2,105,938; Jan. 18.
Gas burning apparatus. F. Hess. 2,105,838; Jan. 18.
Gases, Apparatus for detecting. W. K. Hull. 2,106,147; Jan. 18.
Gasoline distillates, Reforming of. A. J. van Peski. 2,105,950; Jan. 18.
Gate lifter. E. Morfesi and A. Kindelmann. 2,105,800; Jan. 18.
Gauge or indicator for lathes. B. M. Self. 2,105,708; Jan. 18.
Gauge tape case. V. T. Langor. 2,106,053; Jan. 18.
Gear: *See*—
Electric switch gear. Hydraulic steering gear.
Generator: *See*—
Periodic voltage generator.
Gin pole for derricks. W. Schwemlein and S. B. Bottle. 2,105,685; Jan. 18.
Golf bag. A. M. Brodie. 2,105,853; Jan. 18.
Grain separating device. L. Johnson and M. A. Rinnan. 2,105,491; Jan. 18.
Grinder, Automatic lime bearing. C. L. Ott and H. R. Belsiger. 2,105,841; Jan. 18.
Grinder, Ball. A. W. Hall. 2,106,034; Jan. 18.
Grinding machine. A. L. Warner. 2,105,578; Jan. 18.
Guard, Brake beam safety. R. B. Cottrell. 2,105,806; Jan. 18.
Guard for rock drills. W. A. Smith, Sr. 2,105,977; Jan. 18.
Gun, Cattle. E. Locall. 2,106,103; Jan. 18.
Gun sight. W. Vaver. 2,105,664; Jan. 18.
Hair curling device. A. Goodman. 2,105,729; Jan. 18.
Hair dressing tool. O. C. Williams. 2,105,971; Jan. 18.
Hair set. D. R. McCown. 2,106,056; Jan. 18.
Hairpin dispenser. M. Frank and D. Wittinger. 2,105,812; Jan. 18.
Hair waving appliance. M. Gottlieb. 2,105,730; Jan. 18.
Handle. M. Sechuk. 2,105,880; Jan. 18.
Handle for automobile hoods, Locking. L. K. Franklin. 2,105,912; Jan. 18.
Handle for luggage. F. B. Stelljes. 2,105,550; Jan. 18.
Hat. H. V. Tibbals. 2,105,622; Jan. 18.
Hat cleaning tool. L. C. Smith. 2,106,060; Jan. 18.
Headlight control means for motor vehicles. M. W. Sheaffer. 2,105,666; Jan. 18.
Heater: *See*—
Water heater.
Heating system. G. Kunsvaag. 2,105,838; Jan. 18.
Heating system, Hot water. A. Salmonsen. 2,105,906; Jan. 18.
Hedge and tree trimmer. J. Wittek. 2,105,576; Jan. 18.
High frequency apparatus. Le R. J. Lindberg. 2,104,120; Jan. 12.
Hinge. E. A. Spatheif. 2,105,705; Jan. 18.
Holder: *See*—
Card and pamphlet holder. Lingerie strap holder.
Licence plate holder.
Holder and press, Brace. M. Benata. 2,106,112; Jan. 18.
Holder for intaglio printing machines, Plate. R. W. Bender. 2,106,078; Jan. 18.
Holder for telephones, Indicia. G. D. Cox. 2,105,685; Jan. 18.
Hollow bodies, Making. L. C. Shippy and W. O. Gebhart. 2,105,704; Jan. 18.
Housing gears, and for truing the bearing means. R. Stubbs. 2,105,696; Jan. 18.
Hopper discharge apparatus. J. A. Eades. 2,105,589; Jan. 18.
Hose joint tightener. W. L. and K. J. Jackson. 2,106,118; Jan. 18.
Hose manufacture. F. Scarborough. 2,105,758; Jan. 18.
Humidifier with truncated cones. G. R. Magney. 2,105,973; Jan. 18.
Hydraulic brake. R. L. Welch and J. T. Sheep. 2,105,712; Jan. 18.
Hydraulic steering gear. W. C. Dean. 2,105,473; Jan. 18.
Hydrocarbons, Treatment of. J. G. Alther. 2,105,515; Jan. 18.
Hydrocarbons, Treatment of. P. M. Biddison, M. B. Ryan, and C. B. Burke. 2,105,467; Jan. 18.
Hydrogen cyanide, Production of. L. Andrussow. 2,105,831; Jan. 18.
Ignition composition. L. A. Burrows, W. F. Filbert, and E. B. Reid. 2,105,635; Jan. 18.

Ignition shielding. J. J. Mascuch. 2,105,791; Jan. 18.
Indicating and control apparatus. H. C. Mattes. 2,106,152; Jan. 18.
Indicator: See—
Tire pressure indicator.
Indicator. L. H. Davis. 2,105,630; Jan. 18.
Indicator for three-phase generators, Load. T. A. Rich. 2,106,064; Jan. 18.
Inking mechanism and method for printing machines. A. J. Horton. 2,106,029; Jan. 18.
Insecticides. C. B. Gnadinger. 2,105,727; Jan. 18.
Insulating and sound proofing material and producing same. R. D. Snow and H. J. Hepp. 2,105,511; Jan. 18.
Internal combustion engine. W. S. Burn. 2,105,717; Jan. 18.
Internal combustion engine. J. R. Davis. 2,105,780; Jan. 18.
Iron oxide products. Manufacture of. R. L. Perkins. 2,105,670; Jan. 18.
Jig. Valve stem clearance. D. Pointer. 2,105,502; Jan. 18.
Joint: See—
Expansion joint.
Joint for high tension electric cables. J. K. Webb. 2,105,867; Jan. 18.
Joist suspension. E. D. Coddington. 2,106,084; Jan. 18.
Keg, Beer cooler. J. Panagopoulos. 2,105,776; Jan. 18.
Ketones, Unsaturated. J. Nelles. 2,105,792; Jan. 18.
Key receptacle. H. H. De Berry. 2,105,763; Jan. 18.
Kit, Lunch. C. Daum. 2,105,638; Jan. 18.
Knitted fabric. J. P. Primm. 2,105,967; Jan. 18.
Knitting machine. W. E. Booton. 2,106,965; Jan. 18.
Labeling machine. H. Stake and A. W. Carlson. 2,105,947; Jan. 18.
Lamp: See—
Electric lamp. Vehicle lamp.
Lathe. P. A. Fritzsch. 2,105,913; Jan. 18.
Lathe attachment. G. O. Enochson. 2,105,687; Jan. 18.
Lawn cleaning and fertilising machinery. M. S. Barnes. 2,105,803; Jan. 18.
Leaded article. G. S. Lewis. 2,105,696; Jan. 18.
Lens grinding and polishing machine. L. L. Houchin. 2,106,091; Jan. 18.
License plate holder, Automobile. P. Polster. 2,106,015; Jan. 18.
Lifter: See—
Gate lifter.
Light: See—
Portable electric light.
Light assembly, Dome. B. S. Floraday. 2,106,144; Jan. 18.
Lighter, Fire. S. Clevenger. 2,105,522; Jan. 18.
Limerie strap holder. J. A. St. Clair. 2,106,072; Jan. 18.
Liquid dispensing device. A. N. Severson. 2,105,957; Jan. 18.
Liquid filling and measuring apparatus, Viscous. N. M. Thomas. 2,106,076; Jan. 18.
Liquid homogenizing and the like method and apparatus. J. H. Gardner. 2,106,026; Jan. 18.
Liquid, Sterilizing. G. A. Krause. 2,105,835; Jan. 18.
Lock: See—
Belt and chain lock. Window lock.
Lock. M. H. Etsten. 2,105,590; Jan. 18.
Lock. E. N. Jacobi. 2,105,659; Jan. 18.
Locking stop valve. J. E. Glasscock. 2,106,092; Jan. 18.
Locomotive draft chamber. G. S. Boyler. 2,105,716; Jan. 18.
Loom shuttle. S. J. Major. 2,105,816; Jan. 18.
Lubricant demetalliser. A. C. Vobach and M. Fairlie. 2,105,851; Jan. 18.
Lubricant dispenser. H. R. Tear. 2,106,022; Jan. 18.
Lubricating apparatus. E. G. Gartin. 2,105,493; Jan. 18.
Lubricating apparatus. M. C. Huffman. 2,105,491; Jan. 18.
Lubricating device. E. G. Gartin. 2,105,492; Jan. 18.
Lubricating system. D. R. Hillis. 2,105,595; Jan. 18.
Lubricating valve. G. H. Acker. 2,105,577; Jan. 18.
Lubrication. J. Bijur. 2,105,468; Jan. 18.
Lubricator. W. Noble. 2,105,490; Jan. 18.
Machine for applying mobile films. F. J. Massey, W. F. Thiele, and B. F. Raprager. 2,105,981; Jan. 18.
Machine for applying pressure to shoe bottoms. F. Kenison. 2,105,601; Jan. 18.
Machine for facing the surfaces of hard substances by pressure. G. F. Brendel. 2,105,634; Jan. 18.
Machine for honing conical surfaces. H. A. Ortegren. 2,105,753; Jan. 18.
Machine for honing conical surfaces. T. Zimmerman. 2,106,762; Jan. 18.
Machine for securing heads in cylindrical containers. A. H. Schmidtke. 2,106,020; Jan. 18.
Machine for the manufacture of cartons and the like. W. J. Futher. 2,105,882; Jan. 18.
Magnet, Nickel, titanium, cobalt, iron, and copper permanent. K. Honda. 2,105,654; Jan. 18.
Magnet, Nickel, titanium, cobalt, iron, and manganese permanent. K. Honda. 2,105,656; Jan. 18.
Magnet, Permanent. K. Honda. 2,105,658; Jan. 18.
Marking implement. S. D. Barlow and P. Bussman. 2,106,046; Jan. 18.
Match packet, Safety. O. P. Pindell. 2,105,842; Jan. 18.
Material, Apparatus for abrading strand. C. T. Davis. 2,105,637; Jan. 18.
Material, Condenser dielectric. M. M. Safford. 2,106,039; Jan. 18.
Material, Producing layers of distended fibrous. G. C. Weathered. 2,105,711; Jan. 18.
Materials, Apparatus for breaking down. O. J. Feight. 2,105,704; Jan. 18.
Matrices, Making. A. W. Klemp. 2,105,694; Jan. 18.
Matrix drier. P. J. Hereford. 2,105,973; Jan. 18.
Matrix for photo composing machines. S. Ish-Shalom and O. I. Bloom. 2,105,555; Jan. 18.
Matrix for type casting. S. Ish-Shalom and O. I. Bloom. 2,105,556; Jan. 18.
Mattress. M. Marsack. 2,105,923; Jan. 18.
Mattress. H. Rose. 2,106,065; Jan. 18.
Measuring apparatus. H. Rumsey, Jr. 2,106,038; Jan. 18.
Measuring and controlling apparatus. R. D. Junkins. 2,106,080; Jan. 18.
Measuring line catcher. J. G. Creed. 2,105,636; Jan. 18.
Meat processing and molding device. S. F. Gleason. 2,105,941; Jan. 18.
Merchandising device, Automaton. F. L. Dale. 2,105,904; Jan. 18.
Metal in reversible mills, Process and mechanism for rolling endless lengths of. E. B. Hudson. 2,105,736; Jan. 18.
Metal, Method of and apparatus for producing ferrous sheet. A. J. Castle. 2,105,960; Jan. 18.
Metal, Treating. C. F. Lauenstein and P. F. Ulmer. 2,105,888; Jan. 18.
Meter: See—
Fluid meter. Parking meter.
Microscope. S. Rosech. 2,105,671; Jan. 18.
Milk, Preparing stable chocolate. B. Fick. 2,106,069; Jan. 18.
Mill: See—
Fine grinding mill.
Minerals, Concentration of nonmetallic. F. X. Tartaron. 2,106,526-7; Jan. 18.
Minerals, Differential concentration of non-metallic. A. Crago. 2,105,607; Jan. 18.
Mining machine. E. Ramsay. 2,105,805; Jan. 18.
Modulation. G. L. Usselman. 2,105,679; Jan. 18.
Moisture content of substances, Apparatus for determining the. C. L. Burdick. 2,105,933; Jan. 18.
Molasses and syrup liquid products and making the same, Nonsticky. L. W. Lewis. 2,105,745; Jan. 18.
Motion transmitting device, Mechanical. F. Schöbel and P. Schubert. 2,106,041; Jan. 18.
Motor: See—
Electric motor. Synchronous motor.
Self-starting inductor motor.
Motor drive, Self-reversing. A. F. Welch. 2,105,514; Jan. 18.
Motor protective device. G. G. Landis. 2,105,603; Jan. 18.
Motor vehicle. R. K. Lee. 2,105,742; Jan. 18.
Motor vehicle. M. Tibbetts. 2,105,824; Jan. 18.
Mower, Lawn. C. L. Huth. 2,106,009; Jan. 18.
Mulcher, Row crop. G. Challis. 2,105,805; Jan. 18.
Multiple switch. L. C. Leighton. 2,106,084; Jan. 18.
Nest box for hens. O. H. Huseby. 2,105,757; Jan. 18.
Nitrates of monohydric aliphatic alcohols, Preparation of. J. A. Wyler. 2,105,902; Jan. 18.
Nitromethane, Manufacture of. H. Bender. 2,105,581; Jan. 18.
Noise control system. R. M. Smith. 2,105,558; Jan. 18.
Noise, Reduction of. V. D. Landon. 2,105,536; Jan. 18.
Nose guard. V. R. McMillan. 2,105,607; Jan. 18.
Nozzle, Hose. V. Bernecser. 2,105,632; Jan. 18.
Number checking system. P. A. Kern. 2,105,921; Jan. 18.
Objective, Corrected. A. W. Tronnier. 2,106,077; Jan. 18.
Oil-containing material having a high water content, particularly whale dash, Apparatus for dehydrating. P. L. Fauth. 2,105,782; Jan. 18.
Oil conversion, Hydrocarbon. C. F. Dubbs. 2,105,526; Jan. 18.
Oil, Insecticidal. L. R. Coleman and G. L. Cowley. 2,105,856; Jan. 18.
Oil refining. C. F. Dunney. 2,105,523; Jan. 18.
Oil, Refining and cracking. R. A. Ocon. 2,104,012; Jan. 18.
Oil removal unit, Service station power. H. L. Wood. 2,105,761; Jan. 18.
Oil treatment. H. R. Swanson. 2,105,935; Jan. 18.
Oils, Conversion of hydrocarbon. J. C. Morrell. 2,105,540; Jan. 18.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,105,561; Jan. 18.
Oils, Decolorizing petroleum. R. E. Stanton. 2,106,071; Jan. 18.
Oils, Method and apparatus for treating cracked hydrocarbon. E. M. Parsons. 2,105,499; Jan. 18.
Oils, Purification and regeneration of used lubricating. M. G. Levi, A. Mariotti, and I. Ciarrocchi. 2,106,010; Jan. 18.

Oils, Treatment of hydrocarbon. J. D. Segay. 2,105,554; Jan. 18.
Opener and dispensing device, Can. O. N. Wiswell. 2,105,575; Jan. 18.
Ore, Treatment of cyanite. P. S. Hoyt. 2,105,697; Jan. 18.
Organ, Pipe. C. S. Nerbern and G. M. Quave. 2,105,793; Jan. 18.
Outlet system, Continuous. S. R. Fuge, H. Freedman, E. Hoolasky, and A. Balsamo. 2,105,833; Jan. 18.
Oven, Bake. J. Fiedler. 2,105,883; Jan. 18.
Oven, Steam baking. W. Fiedler. 2,105,882; Jan. 18.
Packing for hydrocolloid impression materials, Flexible. W. J. van Roessen. 2,105,622; Jan. 18.
Packing case. G. W. Bell. 2,105,944; Jan. 18.
Paper, Art for the treatment of tissue. G. C. Hoffman. 2,106,096; Jan. 18.
Parking meter. L. J. Darley. 2,105,970; Jan. 18.
Partition, Flooring. C. F. Davis. 2,105,889; Jan. 18.
Paving plant, Portable. G. J. Kuhrts. 2,106,006; Jan. 18.
Pen, Fountain. G. B. Johndahl and C. M. Sublette. 2,105,600; Jan. 18.
Periodic voltage generator. M. Cawein. 2,105,902; Jan. 18.
Phase modulation. G. L. Usselman. 2,105,949; Jan. 18.
Phonograph, Multiplex film. F. Kistler. 2,105,801; Jan. 18.
Photograph identification. N. Champion. 2,105,521; Jan. 18.
Photographic objective. A. W. Tronnier. 2,105,799; Jan. 18.
Phthalic anhydride, Purification of. H. B. Foster. 2,105,911; Jan. 18.
Pianoforte. M. V. Jacobs and H. S. Bird. 2,105,739; Jan. 18.
Piezoelectric device and making same. A. L. W. Williams. 2,106,143; Jan. 18.
Pigment manufacture. H. R. Rafton. 2,105,503; Jan. 18.
Pigment, Manufacture of. B. J. Flynn. 2,105,834; Jan. 18.
Pipe: See—
Tobacco pipe.
Pipe aligning tool. W. H. Rippe. 2,105,954; Jan. 18.
Pipe-line reclaimer. K. C. Knapp. 2,105,902; Jan. 18.
Pipe or rod coupling. S. B. Martin and C. B. Waechter. 2,105,747; Jan. 18.
Piston. C. W. Metzger. 2,105,930; Jan. 18.
Piston and cylinder construction. Mek. Palmer. 2,105,494; Jan. 18.
Piston and piston and connecting rod assembly. R. K. Lee. 2,105,743; Jan. 18.
Piston valve engine. J. W. Jenkins. 2,106,089; Jan. 18.
Pitch propeller, Controllable. C. I. Pearson and H. M. Hammill. 2,105,843; Jan. 18.
Plank, Composite. A. P. Miller. 2,106,105; Jan. 18.
Plastic. C. H. Smith. 2,105,886; Jan. 18.
Plastic working. J. Parsons. 2,106,040; Jan. 18.
Plug: See—
Fuse plug.
Plug contact. C. A. Hauser and L. H. Thomas. 2,105,884; Jan. 18.
Portable electric light. C. B. Collins. 2,105,719; Jan. 18.
Portable work support. M. M. Merritt. 2,105,606; Jan. 18.
Potato digger, Self-propelled. J. C. Halseusek. 2,105,632; Jan. 18.
Powder puff, Mechanical. M. Tenti. 2,105,621; Jan. 18.
Power take-off and associated mechanism. P. H. Davey. 2,106,085-6; Jan. 18.
Power transmission. H. F. Patterson. 2,105,755; Jan. 18.
Power transmission mechanism. F. A. Fritzsch. 2,105,914; Jan. 18.
Power transmitting apparatus. P. H. Davey. 2,106,087; Jan. 18.
Press: See—
Garment or ironing press.
Pressure releasing apparatus. J. P. Hodge. 2,105,736; Jan. 18.
Propeller. J. N. Blair. 2,105,943; Jan. 18.
Pseudo neon sign. J. H. Kinser. 2,105,951; Jan. 18.
Pulp bodies, Apparatus for molding. W. H. Hatton. 2,105,893; Jan. 18.
Pump: See—
Well pump.
Pump structure. J. M. Hynes. 2,105,939; Jan. 18.
Radial engine. J. J. O. Pateras. 2,105,946; Jan. 18.
Radiator. F. L. Foster. 2,104,857; Jan. 18.
Radiator cooling and pressure relief system, Automotive. A. F. Grim and J. R. Hall. 2,105,971; Jan. 18.
Radio apparatus. H. G. Linder. 2,105,749; Jan. 18.
Radio receiver. A. A. Lissell. 2,105,799; Jan. 18.
Radio receiving arrangement. H. Schaumann. 2,105,534; Jan. 18.
Radio shielding for electrical distributing systems. J. J. Mascuch. 2,105,790; Jan. 18.
Rail wearing surface. O. C. McCormick. 2,105,838; Jan. 18.
Rake. A. Montan and C. E. Andersen. 2,105,648; Jan. 18.
Range, Gas. J. G. Hoff. 2,105,596; Jan. 18.
Razor blade and steel therefor. E. J. Casselman. 2,105,583; Jan. 18.
Razor, Stropping. H. J. Jones. 2,105,836; Jan. 18.
Receptacle: See—
Key receptacle.
Receptacle for liquids, Carbonating and dispensing. C. F. Lenon. 2,105,487; Jan. 18.
Reducing apparatus. E. W. Stevenson. 2,105,760; Jan. 18.
Reed for musical instruments. H. T. Prescott. 2,106,014; Jan. 18.
Reel: See—
Film reel.
Refractories. V. M. Goldschmidt. 2,105,942; Jan. 18.
Refrigerating apparatus. H. B. Hull. 2,105,974; Jan. 18.
Refrigerating apparatus. J. Smilack. 2,105,968; Jan. 18.
Refrigeration. A. R. Thomas. 2,105,562; Jan. 18.
Register, Cash. A. A. Dicke. 2,106,040; Jan. 18.
Register, Cash. B. M. Shipley. 2,105,673; Jan. 18.
Registering apparatus for machines. W. A. Kennedy. 2,106,005; Jan. 18.
Regulator: See—
Water pressure regulator.
Regulator. C. K. O'Connor. 2,106,086; Jan. 18.
Relay for automobile lighting circuits. F. D. Rohmer. 2,105,756; Jan. 18.
Resins, Production of. A. B. Boese, Jr. 2,105,461; Jan. 18.
Retrieving mechanism. H. Bosch, Jr. 2,105,469; Jan. 18.
Rifle. J. F. Guest. 2,106,027; Jan. 18.
Ring: See—
Adjustable finger ring.
Roads, Making concrete. A. Holter. 2,106,117; Jan. 18.
Rooster, Automatic. H. C. A. Behr and J. J. Betz. 2,105,778; Jan. 18.
Roll, Cleaning. P. J. Massey, W. F. Thiele, and B. F. Raprager. 2,106,104; Jan. 18.
Roller bearing. H. R. Shaner. 2,106,127; Jan. 18.
Roller feed mechanism for roller bearing assembling machines. A. F. Rohnberg. 2,105,929; Jan. 18.
Roof construction. W. M. B. Strong. 2,106,140; Jan. 18.
Rotor for very high peripheral velocity, Blower. F. Schmidt. 2,106,040; Jan. 18.
Rubber, Vulcanization of. H. I. Cramer. 2,106,008; Jan. 18.
Rug, Traveling or like. C. Herpich. 2,106,787; Jan. 18.
Rust preventing composition and method of rust prevention. R. E. Sadtler. 2,105,672; Jan. 18.
Safety appliance for steam jet refrigeration apparatus. B. R. McBath, Jr. 2,105,845; Jan. 18.
Safety switch, Automatic. O. L. Olson. 2,105,611; Jan. 18.
Sand and mud separator. C. T. Christensen. 2,105,594; Jan. 18.
Scaffold, Portable window. E. E. Hall. 2,106,002; Jan. 18.
Scraper, Hand. G. D. Long. 2,106,055; Jan. 18.
Scraper, Razor blade. R. L'Wolfe. 2,105,960; Jan. 18.
Screen: See—
Threaber screen.
Seal for journal boxes, Oil and dust. A. Vigne. 2,106,071; Jan. 18.
Seal, Hasp. E. Dietze. 2,105,624; Jan. 18.
Selectivity control system. G. L. Beers. 2,105,518; Jan. 18.
Self-starting inductor motor, Directional. A. F. Welch. 2,106,513; Jan. 18.
Separator: See—
Sand and mud separator.
Sewing machines, Top feed mechanism for. C. W. Mueller. 2,106,106; Jan. 18.
Shade roller plunger trunnion. W. J. Stuber. 2,106,073; Jan. 18.
Shaft bearing. C. C. Barber and C. W. McWilliams. 2,106,000; Jan. 18.
Shaver, Dry. C. Caico. 2,105,855; Jan. 18.
Shaving implement. J. L. Nilson. 2,105,776; Jan. 18.
Shell, Shot. W. E. Warner. 2,105,963; Jan. 18.
Shingle. F. H. Schmidt. 2,106,067; Jan. 18.
Shoe. T. Gutwein. 2,105,847; Jan. 18.
Shower hood. H. Schmaltzhacher. 2,105,950; Jan. 18.
Shutter, Camera. R. H. Draeger. 2,105,478; Jan. 18.
Sighting device for following aerial targets. K. Papello. 2,105,985; Jan. 18.
Sign: See—
Pseudo neon sign.
Signal: See—
Vehicular traffic signal.
Signaling method and arrangement therefor. E. Kramar. 2,105,537; Jan. 18.
Signaling system for railroads. W. E. Reichard. 2,105,930; Jan. 18.
Signaling system for railroads, Automatic block. S. M. Day. 2,105,905; Jan. 18.
Silk, Bleaching artificial. H. H. McNutt. 2,105,839; Jan. 18.
Sinker, Making. V. J. Graf. 2,105,944; Jan. 18.
Ski attaching device. A. Attenhofer. 2,106,110; Jan. 18.
Sled, Steering. J. M. Bowen. 2,105,623; Jan. 18.
Slide loop. C. E. Anderson. 2,105,518; Jan. 18.
Smelting, Process of. F. E. Wing. 2,105,574; Jan. 18.
Sound device. J. M. Kuhlik. 2,105,741; Jan. 18.

Sound, Electro-photographically recording. R. H. Hansen. 2,106,769; Jan. 18.
Sound-producing device for footwear. S. Capodo. 2,106,742; Jan. 18.
Sound reproducing system. H. C. Harrison. 2,105,816; Jan. 18.
Speed control system. R. Gerlach. 2,105,529; Jan. 18.
Spindle, Terrazzo grinding angle. A. W. Mall. 2,106,085; Jan. 18.
Splint, Surgical leg. S. S. Longfellow. 2,106,151; Jan. 18.
Spray residue, Removal of. H. C. McLean and A. L. Weber. 2,105,606; Jan. 18.
Sprayer, Windshield. C. E. Stow. 2,105,676; Jan. 18.
Spraying device. F. O. Clisbe and V. Kelly. 2,105,908; Jan. 18.
Spring: See—
Vehicle spring.
Spring making apparatus. D. G. Morgan. 2,105,951; Jan. 18.
Stair construction, Metal. G. S. von Schantz. 2,105,545; Jan. 18.
Starter control system. J. B. Dyer and W. H. Brown. 2,105,723; Jan. 18.
Starting mechanism, Automatic. P. H. Maurer. 2,105,947; Jan. 18.
Steel for permanent magnets. K. Honda. 2,105,653-3; Jan. 18.
Stenciling apparatus. W. S. Williams. 2,105,872; Jan. 18.
Still, Tube. R. M. Parsons. 2,105,829; Jan. 18.
Stove, Folding electric. C. P. Lent. 2,105,814; Jan. 18.
Stand: See—
Typewriter stand.
Steamer handling apparatus. V. L. Johannessen. 2,105,920; Jan. 18.
Stick cutting and applying machine. N. Frias. 2,105,728; Jan. 18.
Strontium carbonate, Producing. H. G. Elledge and A. Hirsch. 2,106,131; Jan. 18.
Stud setter. C. L. Ross. 2,106,788; Jan. 18.
Submarginian device. W. H. Watkins. 2,105,800; Jan. 18.
Sulphur compounds, Production of organic. W. Rappe and F. Nicolai. 2,105,945; Jan. 18.
Support: See—
Bifold headrail support. Work support.
Portable work support.
Suspended hyperextension frame. S. S. Longfellow. 2,106,150; Jan. 18.
Suspender connection. J. W. Dick. 2,105,909; Jan. 18.
Suspender, Garment. J. W. Dick. 2,105,908; Jan. 18.
Sweatband for hats. J. Margulies and D. H. Young. 2,105,690; Jan. 18.
Switch: See—
Electrical switch. Safety switch.
Multiple switch. Time switch.
Synchronous motor. E. D. Lilja. 2,105,666; Jan. 18.
Table: See—
Bunting table.
Tablet, Effervescent. C. J. Greenblatt. 2,105,690; Jan. 18.
Tape, Adhesive. L. W. Geller. 2,105,726; Jan. 18.
Tape for venetian blinds, Facing. R. H. White and D. J. McNevin. 2,105,637; Jan. 18.
Tape wrapping, Finishing. D. W. Pether. 2,106,681; Jan. 18.
Telegraph system. C. E. Lomax. 2,106,611; Jan. 18.
Telephone exchange system. W. Whitney. 2,105,898; Jan. 18.
Television apparatus. A. W. Vance. 2,105,870; Jan. 18.
Terminal box. A. Hewitt. 2,105,803; Jan. 18.
Terrazzo grinding apparatus. A. W. Mall. 2,106,083; Jan. 18.
Testing apparatus. E. E. Martenson. 2,105,842; Jan. 18.
Textile apparatus. W. A. Dickie and R. W. Mercerlef. 2,105,474; Jan. 18.
Textile materials, Treatment of. H. A. Schwartz. 2,105,839; Jan. 18.
Thermostatic control device. O. J. Gross and J. H. Woolhiser. 2,106,061; Jan. 18.
Thickness, Apparatus for measuring. H. C. Hayes. 2,105,479; Jan. 18.
Threads from viscose, Manufacture of. W. Zetzsche and E. Graumann. 2,105,852; Jan. 18.
Thresher screen. S. F. D. Petersen. 2,105,986; Jan. 18.
Threshing machine frame. H. Rauesendorf. 2,106,123; Jan. 18.
Ticket printer, Merchandise. A. C. Kirshner. 2,105,660; Jan. 18.
Tile. O. A. Steuer. 2,105,805; Jan. 18.
Time control mechanism. L. J. Gridley and C. C. Herndon. 2,106,004; Jan. 18.
Time switch, Coin controlled. J. H. Stark. 2,106,042 Jan. 18.
Timing, Apparatus for. W. E. Bower. 2,105,470; Jan. 18.
Tire. J. J. Hruska. 2,105,800; Jan. 18.
Tire pressure indicator. G. F. Hutchings. 2,105,738; Jan. 18.
Tire, Safety vehicle. J. J. Hruska. 2,105,809; Jan. 18.
Toasting machine. W. A. Graham. 2,105,856; Jan. 18.
Tobacco pipe. E. H. Lange. 2,105,539; Jan. 18.
Tobacco, Treating. R. D. Teuton. 2,105,648; Jan. 18.
Tonic food product and making same. F. M. Godfrey and E. W. Floyd. 2,105,472; Jan. 18.
Tool: See—
Shaving tool. Hair dressing tool.
Cooking tool. Hat cleaning tool.
Smoker tool. Pipe aligning tool.
Garden tool
Toolslide. E. G. Le Tourneau. 2,105,744; Jan. 18.
Tow, Container. S. H. Morgenthaler. 2,105,847; Jan. 18.
Top, Whipping. F. Rainault. 2,105,824; Jan. 18.
Towel dispenser. J. C. Fawin. 2,105,928; Jan. 18.
Towel dispensing cabinet. F. D. Parsons. 2,106,105; Jan. 18.
Toy, Aerial. R. M. Bagby. 2,105,879; Jan. 18.
Toy, Ball swinging. A. Brinkman. 2,105,462; Jan. 18.
Toy, Constructional. G. Kellner. 2,106,168; Jan. 18.
Tractor. S. Wales. 2,105,680; Jan. 18.
Tractor wheel. A. Henry. 2,106,136; Jan. 18.
Traffic signal device. G. T. Derby. 2,105,697; Jan. 18.
Trailer or truck braking mechanism. H. Dick. 2,105,880; Jan. 18.
Transmission mechanism. O. Larsen. 2,105,495; Jan. 18.
Trimmer, Cora car. F. W. Douthitt. 2,105,853; Jan. 18.
Trolley for revolving doors. T. M. Hagenbeck. 2,105,972; Jan. 18.
Truck, Industrial. E. E. Kemde. 2,106,008; Jan. 18.
Tube: See—
Electron discharge tube. Vacuum tube.
Tube closure device. A. J. Remele. 2,105,615; Jan. 18.
Tubing, Apparatus for the manufacture of rubber. P. A. Raiche. 2,106,018; Jan. 18.
Tuyère for stokers, Apron. R. L. Beers. 2,105,875; Jan. 18.
Typesetting device. J. W. Lyscus. 2,105,667; Jan. 18.
Typewriter stand. A. N. Thomas. 2,105,668; Jan. 18.
Typewriting machine, Flatbed. E. Hane and J. M. Prentice. 2,105,733; Jan. 18.
Undergarment, Sleeveless. H. Lichtenstein. 2,105,605; Jan. 18.
Vaccine and making the same, Whooping cough. H. Langer and E. Futter. 2,105,486; Jan. 18.
Vacuum operated device. M. Palmer. 2,105,496; Jan. 18.
Vacuum tube. H. G. Cordes. 2,105,463; Jan. 18.
Valve: See—
Fluid-controlling valve. Lubricating valve.
Locking stop valve.
Valve. C. H. Armstrong. 2,105,881; Jan. 18.
Valve. J. A. Jensen. 2,106,126; Jan. 18.
Valve construction. M. Palmer. 2,105,495; Jan. 18.
Valve for bellows. H. W. Price. 2,106,017; Jan. 18.
Vaporizing apparatus for internal combustion engines. E. J. Stumbo. 2,105,677; Jan. 18.
Variable condenser. S. Cohen. 2,105,578; Jan. 18.
Vehicle: See—
Combat vehicle. Motor vehicle.
4-wheel drive vehicle.
Vehicle lamp. B. S. Moradory. 2,106,145; Jan. 18.
Vehicle spring. C. J. Holland. 2,105,881; Jan. 18.
Vehicle spring. T. M. Thompson. 2,105,889; Jan. 18.
Vehicular traffic signal. J. W. Brougher. 2,106,122; Jan. 18.
Vending machine. A. B. Gebert and F. C. Black. 2,105,644; Jan. 18.
Ventilator and air cleaner for motor vehicles, Combined. M. Palmer. 2,105,497; Jan. 18.
Vessel or box for canning. A. F. Tobiasson. 2,105,798; Jan. 18.
Violanthrone derivatives and preparing same, Sulphurized. W. H. Lycan. 2,105,978; Jan. 18.
Volume control circuit, Automatic. F. H. Drake. 2,105,641; Jan. 18.
Volume control system, Automatic. H. P. Spearin. 2,105,959; Jan. 18.
Wagon hitch. D. Currie. 2,105,585; Jan. 18.
Wall cabinet board, Disappearing. L. R. Young. 2,106,044; Jan. 18.
Wall construction. H. Holdsworth. 2,105,779-1; Jan. 18.
Watch construction. J. E. Bowen. 2,105,966; Jan. 18.
Water heater, Electric. S. D. Roberson. 2,106,019; Jan. 18.
Water heating system, Feed. R. M. Ostermann and A. Williams. 2,105,617; Jan. 18.
Water heating system, Feed. E. Rawson and A. Williams. 2,105,622; Jan. 18.
Water power. M. Orlove. 2,105,624; Jan. 18.
Water pressure regulator. W. T. Birch. 2,105,876; Jan. 18.
Web materials, Making Mirrorized. H. W. Grulder and G. A. Fasold. 2,105,851; Jan. 18.
Weed cutter. F. J. Berge. 2,106,047; Jan. 18.
Well-boring apparatus. G. S. Barrett and S. Robichaux. 2,105,722; Jan. 18.
Well drilling head. H. C. Otis. 2,105,754; Jan. 18.
Well pump. F. C. Knies and R. N. Vickers. 2,105,975; Jan. 18.
Wheel: See—
Tractor wheel.
Wheel or rim. A. W. Woodward. 2,105,829; Jan. 18.
Wheel suspension for motor vehicles. J. W. Leighton. 2,105,541; Jan. 18.
Wheeled supporting means for heavy machines. R. H. Flynn. 2,106,090; Jan. 18

Whipstock. C. C. Cutrer and J. L. Broussard. 2,105,721; Jan. 18.
Whisky aging apparatus. L. L. Jones and F. Mortellaro. 2,105,693; Jan. 18.
Window channel or the like. P. C. Hagberg. 2,105,784; Jan. 18.
Window lock. L. Dzukalo. 2,106,116; Jan. 18.
Window operating and door locking mechanism. T. McG. Aiken. 2,105,590; Jan. 18.
Window operating means, Casement. H. E. Campbell. 2,106,061; Jan. 18.
Wire, Coded. A. T. Candy, Jr. 2,106,048; Jan. 18.
Wire connecting device. C. H. Klein. 2,106,007; Jan. 18.
Wire, Insulated. S. Ruben. 2,105,552; Jan. 18.
Wood pulp, Acetylation of. A. N. Parrett and J. H. Holloway. 2,105,498; Jan. 18.
Wood staining. C. G. Moore and M. Zucker. 2,105,984; Jan. 18.
Work support, Sewing machine. L. G. Bowman. 2,106,060; Jan. 18.
Yarn and like materials, and making same, Colored artificial. H. R. Bodell. 2,105,519; Jan. 18.
Yarn speed indicating means. H. E. Gosling. 2,106,146; Jan. 18.
Zein, Production of. L. C. Swallen. 2,105,760; Jan. 18.

CLASSIFICATION OF PATENTS

ISSUED JANUARY 18, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

197— 12: 2,105,731
88: 2,105,620
126: 2,105,723
198— 83: 2,105,610
131: 2,105,708
184: 2,105,124
204: 2,105,889
199— 60: 2,105,556
200— 11: 2,105,064
88: 2,105,611
97: 2,105,750
98: 2,105,621
99: 2,105,604
121: 2,105,621
126: 2,105,109
146: 2,105,114
196: 2,105,688
198: 2,105,107
203— 6: 2,105,709
41: 2,105,617
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223— 128: Re.20,620
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271— 2.3: 2,105,634
272— 66: 2,105,048
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349— 89: 2,105,139
354— 96: 2,105,966
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390— 24: 2,105,551
127: 2,105,999
391— 52: 2,105,135
392— 81: 2,105,765
394— 8: 2,105,970
2,105,969
395— 25: 2,105,057
396— 75: 2,105,930
127: 2,105,979
2,105,977
215: 2,105,127
397— 4: 2,105,960
18: 2,105,743
315— 69: 2,105,106
99: 2,105,511
189: 2,105,783

U. S. GOVERNMENT PRINTING OFFICE: 1936

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Agonis Club, Columbus, Ohio. Pins, badges, and buttons. Serial No. 399,067; Jan. 25. Class 38.

Aluminum Goods Mfg. Co., Jersey City, N. J., and Manitowoc, Wis. Base metal cookers. Serial No. 396,658; Jan. 25. Class 13.

American Frog Raisers Association. (See Mabie, Roy W.)

Amscin Company, The, Jersey City, N. J. Medicinal preparation. Serial No. 400,284; Jan. 25. Class 6.

Anderman-Bob Burns, Inc., New York, N. Y. Piece goods. Serial No. 399,293; Jan. 25. Class 42.

Aunt Jen's. (See Weiss, Jeanette.)

Austin, Albert L., Cleveland, Ohio. Abdominal and rupture supports. Serial No. 400,237; Jan. 25. Class 44.

Autocrat Oil Burner Corporation, Cedar Rapids, Iowa. Oil burners, oil burning furnaces, boiler units, etc. Serial No. 399,338; Jan. 25. Class 24.

B. F. W. Products. (See Frost, Winfred L.)

Bachman, M. H., Shoe Co., Inc., Middletown, Pa. Children's shoes. Serial No. 400,152; Jan. 25. Class 39.

Banner Wholesale Grocers, Inc., Chicago, Ill. Canned fruits, canned vegetables, canned sauerkraut, etc. Serial No. 397,018; Jan. 25. Class 46.

Bardstown Distillery, Inc., Bardstown, Ky. Whiskey. Serial No. 400,866; Jan. 25. Class 49.

Bay State Milling Co., Winona, Minn. Rye flour and rye meal. Serial No. 400,262; Jan. 25. Class 46.

Belli, D. B., Inc., doing business as Dumm-Rumm Company, San Francisco, Calif. Soft drink. Serial No. 399,642; Jan. 25. Class 45.

Beltraction Co., Chicago, Ill. Material for treating mechanical belting. Serial No. 399,266; Jan. 25. Class 4.

Berry Bros. & Co., London, England. Wines. Serial No. 399,395; Jan. 25. Class 47.

Berry Bros. & Co., London, England. Whiskey, gin, brandy, etc. Serial No. 399,823; Jan. 25. Class 49.

Bestov Products, Inc., New York, N. Y. Malt chocolate mixture in powder form. Serial No. 399,819; Jan. 25. Class 46.

Blade Master, Inc., New York, N. Y. Manually operated razor blade sharpening apparatus. Serial No. 395,395; Jan. 25. Class 28.

Bourjois, Inc., New York, N. Y. Shaving soap. Serial No. 396,023; Jan. 25. Class 4.

Brewer-Titchener Corporation, The, Cortland, N. Y. Drop forgings. Serial No. 398,765; Jan. 25. Class 13.

Bright, P. V., & Company, Chicago, Ill. Danish blue cheese. Serial No. 400,221; Jan. 25. Class 46.

Bristol Company, The, Waterbury, Conn. Valves. Serial No. 400,153; Jan. 25. Class 26.

Bucher, John V., Albany, N. Y. Warning signal. Serial No. 399,950; Jan. 25. Class 19.

Burke & James, Inc., Chicago, Ill. Cameras, photo enlargers, camera enlarging and condensing lenses, etc. Serial No. 394,017; Jan. 25. Class 24.

Ceramic Machinery Company, The, Hamilton, Ohio. Diesel locomotives, gas mechanical locomotives, and parts thereof. Serial No. 394,122; Jan. 25. Class 23.

Chatham Manufacturing Company, Winston-Salem, N. C. Rugs. Serial No. 399,823; Jan. 25. Class 42.

Chevron Co. (See Knapp-Monarch Company.)

Chrysler Corporation, Highland Park, Mich. Bearings for machinery. Serial Nos. 396,421–3; Jan. 25. Class 22.

Clapp, Harold H., Inc., Rochester, N. Y. Canned vegetables, canned soups, canned prunes, etc. Serial No. 398,860; Jan. 25. Class 46.

Cliffs Dow Chemical Company, Marquette, Mich. Acetic acid, acetone, creosote, etc. Serial No. 394,318; Jan. 25. Class 6.

Colgate-Palmolive-Peet Company, Jersey City, N. J. Shaving soap and shaving stick. Serial No. 397,014; Jan. 25. Class 4.

Commercial Soap and Chemical Co., San Francisco, Calif. Scouring soap powder and toilet liquid soap. Serial No. 396,084; Jan. 25. Class 4.

Commercial Soap and Chemical Co., San Francisco, Calif. Fly,roach, and moth sprays, and insecticides. Serial No. 395,005; Jan. 25. Class 6.

Cooke, Shubel S., Cobleskill, N. Y. Salve. Serial No. 396,260; Jan. 25. Class 6.

Creek Chub Bait Company, The, Garrett, Ind. Artificial fishing lure. Serial No. 394,586; Jan. 25. Class 22.

Crystex Laboratories, Inc., Charitea, Iowa. Preparation for use in dressing the hair. Serial No. 399,546; Jan. 25. Class 6.

Del Monte-Hickey Company, Inc., New York, N. Y. Coats, suits, dresses, blouses, and skirts. Serial Nos. 399,342–3; Jan. 25. Class 39.

Denney, John L., doing business as Kamba Laboratories, Fresno, Calif. Medical preparation. Serial No. 397,633; Jan. 25. Class 6.

Deutsche Hydrierwerke, A.-G., Berlin-Charlottenburg, Germany. Polishing waxes. Serial No. 395,982; Jan. 25. Class 16.

Dix, Henry A., & Sons Corporation, New York, N. Y. Piece goods. Serial No. 398,241; Jan. 25. Class 42.

Domestic Air Conditioning Company, Highland Park, Mich. Complete automatic oil heating and air conditioning units for buildings. Serial No. 399,750; Jan. 25. Class 34.

Dumm-Rumm Company. (See Belli, D. B., Inc.)

Ebberts, John, Shoe Co. Inc., Buffalo, N. Y. Shoes. Serial No. 399,957; Jan. 25. Class 39.

Educational Research Council Inc., New York, N. Y. Leaflets, charts, and books. Serial No. 398,514; Jan. 25. Class 35.

Eising, Eugene H., Jr., doing business as Kyrene Laboratories, New York, N. Y. Pharmaceutical preparation. Serial No. 394,593; Jan. 25. Class 6.

Empire Beef Corporation, Worcester, Mass. Bread and coffee. Serial No. 382,195; Jan. 25. Class 46.

Enterprise Manufacturing Company of Pennsylvania, The, Philadelphia, Pa. Coffee mills. Serial No. 400,156; Jan. 25. Class 23.

Etablissements Boudios, Romilly-sur-Seine, France. Corsets, corselets, foundation garments, etc. Serial No. 400,227; Jan. 25. Class 39.

Evans, Glen L., Inc., Caldwell, Idaho. Fish hooks. Serial No. 400,053; Jan. 25. Class 22.

Familex Products Company. (See Parent, Romeo.)

Feinstein, P., & Sons, Inc., New York, N. Y. Coats, vests, trousers, etc. Serial No. 398,766; Jan. 25. Class 39.

Felker Manufacturing Co., Torrance, Calif. Diamond impregnated metal saw blades, diamond impregnated drills, drilling machines, etc. Serial No. 395,290; Jan. 25. Class 28.

Four-Jacks Corporation, Chicago, Ill. Non-repeating indicating wheel or "wheel of fortune". Serial No. 399,654; Jan. 25. Class 22.

Freeman Corporation, The, New York, N. Y. Critical journal of social and economic affairs. Serial No. 399,296; Jan. 25. Class 38.

Freeman, Edwin M., Denver, Colo. Jelly-like material for use in application to coated surfaces. Serial No. 397,361; Jan. 25. Class 6.

Frost, Winfred L., doing business as B. F. W. Products, Los Angeles, Calif. Medicinal preparations. Serial No. 380,452; Jan. 25. Class 6.

Galef, Jacques L., New York, N. Y. Alarm pistols, alarm revolvers, automatic pistols, etc. Serial No. 398,534; Jan. 25. Class 9.

Gem City Machines, Inc., Dayton, Ohio. Miniature shooting gallery. Serial No. 400,411; Jan. 25. Class 22.

General Chemical Company, New York, N. Y. Sodium phosphate detergents. Serial Nos. 397,439–40; Jan. 25. Class 4.

General Food Products Co. (See Safeway Stores, Incorporated.)

Goodrich Grinding Wheel Co., Chicago, Ill. Grinding wheels, sharpening stones, and hones, etc. Serial No. 384,794; Jan. 25. Class 4.

Goodyear Tire & Rubber Company, The, Akron, Ohio. Belts and belting of rubber. Serial No. 399,606; Jan. 25. Class 35.

Gruber, Edward H., doing business as Gruber Bottling Works, Philadelphia, Pa. Beverages sold as soft drinks. Serial No. 399,889; Jan. 25. Class 45.

Gustin-Bacon Manufacturing Co., Kansas City, Mo. Pipe couplings. Serial No. 399,890; Jan. 25. Class 13.

Hampden Brewing Company, Willimansett, Mass. Beer, ale, mild ale, etc. Serial No. 400,691; Jan. 25. Class 45.

Hansen, Marguerite, doing business as San Francisco Stove Works, San Francisco, Calif. Cast iron and cast bronze plates. Serial No. 399,965; Jan. 25. Class 12.

Hatcher, Allen B., Charleston, W. Va. Beverages, and syrups and extracts for making the same. Serial No. 399,710; Jan. 25. Class 45.

Hechler Brothers, Incorporated, New York, N. Y. Hearing aid under garments and devices for assisting hearing and parts thereof. Serial No. 398,398; Jan. 25. Class 44.

Holder Medicine Co., Inc., Cincinnati and Norwood Station, Cincinnati, Ohio. General tonic. Serial No. 396,682; Jan. 25. Class 6.

Hunger, William E., doing business as Sutton-Hunger Products Company, Los Angeles, Calif. Natural mineral clay-pack of a medicinal nature for animals. Serial No. 399,235; Jan. 25. Class 6.

Hurlburt Bros. Co., Wilson, N. Y. Pickle relish and pickles. Serial No. 394,537; Jan. 25. Class 46.

Iowa Poultry Producers Marketing Association, Ottumwa, Iowa. Dressed poultry. Serial No. 392,756; Jan. 25. Class 46.

Johnson, Bernard G., Brookfield, Ill. Hand die trucks. Serial No. 399,302; Jan. 25. Class 19.

K-Mac, Inc., Chicago, Ill. Full denture impressions, corrective or wash impressions and impressions for rebasing. Serial No. 399,838; Jan. 25. Class 44.
Kamba Laboratories. (See Denney, John L.)
Katz, Morris, Diamond Corporation, New York, N. Y. Cut and/or set stones. Serial Nos. 393,428–9; Jan. 25. Class 23.
Klapf, Hyman, Chicago, Ill. Eye glasses, spectacles, and fittings and appliances employed in connection therewith. Serial No. 398,359; Jan. 25. Class 26.
Knapp-Monarch Company, doing business as Chevron Co., St. Louis, Mo. Electric toasters, electric sandwich toasters, electric room heaters, etc. Serial No. 398,907; Jan. 25. Class 21.
Krueger, G., Brewing Company, Newark, N. J. Beer, ale, porter, etc. Serial No. 397,826; Jan. 25. Class 48.
Kneffer, Ernest H., Oakland, Calif. Electric switches, throttle switches, rotary switches, etc. Serial No. 399,766; Jan. 25. Class 21.
Kyrane Laboratories. (See Rising, Eugene H., Jr.)
Lacquer Products, Inc., Cleveland, Ohio. Ready mixed paints, paint enamels, lacquers, etc. Serial No. 399,451; Jan. 25. Class 16.
Laughlin, Homer, China Company, The, Newell, W. Va. Earthenware. Serial No. 399,515; Jan. 25. Class 30.
Leeds & Northrop Company, Philadelphia, Pa. Flow meters. Serial No. 400,017; Jan. 25. Class 26.
Lovely Lady, Inc., Chicago, Ill. Face powder, cream, astringent, etc. Serial No. 394,239; Jan. 25. Class 6.
Lozzi, August F., doing business as The X-Lin Company, Wichita Falls, Tex. Dental and surgical dressing. Serial No. 393,364; Jan. 25. Class 6.
Lye & Sons Limited, Luton, England. Straw plait and chip plait. Serial No. 399,615; Jan. 25. Class 40.
Mable, Roy W., doing business as American Frog Raisers Association and American Frog Publishing Co., Ridgewood, N. J. Publication. Serial No. 380,858; Jan. 25. Class 37.
Macy, R. H., & Co., Inc., New York, N. Y. Beds, secretaries, chests, etc. Serial No. 399,718; Jan. 25. Class 32.
Maes, R., Export & Import Corporation, New York, N. Y. Rugs. Serial No. 400,423; Jan. 25. Class 42.
Main Laboratories, Inc., Olympia, Wash. Livestock salve, antiseptic, germicides, etc. Serial No. 397,038; Jan. 25. Class 6.
Maison Jeubert, Inc., New York, N. Y. Saponaceous compounds, shaving cream, shaving sticks, etc. Serial No. 396,665; Jan. 25. Class 4.
Maxcy, Gregg, Inc., Sebring, Fla. Canned citrus fruit juices. Serial No. 388,525; Jan. 25. Class 46.
McCarthy, Charlie, Inc., New York, N. Y. Ornamental pins. Serial No. 398,543; Jan. 25. Class 28.
McCrory Stores Corporation, New York, N. Y. Woven textile tapes. Serial No. 393,435; Jan. 25. Class 40.
McLaren, L. M., Produce, Inc., Yuma, Ariz. Fertilizer. Serial No. 400,064; Jan. 25. Class 10.
Medical Acoustic Instrument Co. (See Watson, Leland A.)
Meier & Frank Company, Inc., Portland, Oreg. Ruffled and taffored curtains, hand-tailored bedspreads, piece goods, etc. Serial No. 397,858; Jan. 25. Class 42.
Merrell, Wm. S., Company, The, Reading, Ohio. Laxative preparation. Serial No. 398,305; Jan. 25. Class 6.
Metropolitan Sewing Machine Corporation, Nyack, N. Y. Sewing machines and sewing machine parts and attachments. Serial No. 399,668; Jan. 25. Class 23.
Millard, Louse D., Gralnton, Nebr. Green salve. Serial No. 396,626; Jan. 25. Class 6.
Modern Carpet Sweeper Co., Inc., Brooklyn, N. Y. Carpet sweepers. Serial No. 397,370; Jan. 25. Class 23.
Modern Electric Door Chime Co., New York, N. Y. Electric chimes, door signals, and inter-office signaling devices. Serial No. 399,368; Jan. 25. Class 21.
National Dust Control Company, New Orleans, La. Air ducts, ventilating exhaust and draft fans, etc. Serial No. 397,706; Jan. 25. Class 34.
Natural Sugars, Inc., New York, N. Y. Fruit syrups for making nonalcoholic beverages. Serial No. 400,969; Jan. 25. Class 45.
Neil's Laboratory, Los Angeles, Calif. Flavoring extracts for foods, etc. Serial No. 399,773; Jan. 25. Class 46.
New England Confectionery Company, Cambridge, Mass. Candy bars. Serial No. 400,169; Jan. 25. Class 46.
News Printing Company, Paterson, N. J. Daily newspaper. Serial No. 396,325; Jan. 25. Class 38.
Nichols Engineering & Research Corporation, New York, N. Y. Apparatus for establishing fluid vortices for separating solid particles from liquid or fluid suspensions. Serial No. 397,343; Jan. 25. Class 23.
Nolde and Horst Company, The, Reading, Pa. Ladies' hosiery. Serial Nos. 382,128–31; Jan. 25. Class 39.
Osborne Company, The, Clifton, N. J. Writing pencils. Serial No. 397,815; Jan. 25. Class 37.
O'Sullivan Rubber Co., Inc., The, New York, N. Y. Rubber heels and soles. Serial No. 400,319; Jan. 25. Class 39.
Overseas Mercantile Company, New York, N. Y. Dinnerware. Serial No. 397,052; Jan. 25. Class 30.
Palmer, Gene, Incorporated, Los Angeles, Calif. Tissue cream. Serial No. 393,546; Jan. 25. Class 6.
Parent, Roussel, doing business as Familex Products Company, Montreal, Quebec, Canada. Perfumes, make-up rouges, lipsticks, etc. Serial No. 393,196; Jan. 25. Class 6.
Park, Bensiger & Co., Inc., New York, N. Y. Brandy. Serial No. 400,067; Jan. 25. Class 49.
Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Cotton, rayon, silk, and woolen piece goods. Serial No. 400,435; Jan. 25. Class 42.
Pepe-U Syrup Company, Atlanta, Ga. Syrup base for making soft drinks. Serial No. 399,006; Jan. 25. Class 45.
Percel Corporation, New York, N. Y. Cellulose fabric sheets, pillow cases, table cloths, etc. Serial No 399,226; Jan. 25. Class 42.
Pierce, S. S., Co., Boston, Mass. Canned food beverages. Serial No. 398,488; Jan. 25. Class 46.
Pittsburgh Scientific Laboratories. (See Wittmer, Robert S. E.)
Postma, Frank, Paterson, N. J. Abrading material. Serial No. 397,517; Jan. 25. Class 4.
Production Machine Company, Greenfield, Mass. Polishing wheels and belts. Serial No. 399,107; Jan. 25. Class 4.
Queen City Bottling Company, The, Cincinnati, Ohio. Non-alcoholic fruit beverage. Serial No. 397,378; Jan. 25. Class 45.
Reich-Hela Corporation, New York, N. Y. Cameras. Serial No. 398,406; Jan. 25. Class 26.
Remington Rand Inc., Buffalo, N. Y. Paste. Serial No. 400,171; Jan. 25. Class 6.
Reutter & Co. Société en Commandite Simple, Berchen, Belgium. Fly catchers (gum and paper). Serial No. 400,028; Jan. 25. Class 50.
Roempler, Julius, Aktiengesellschaft, Zeulenroda, Germany. Rubber and elastic corsets, brassières, stockings, etc. Serial No. 399,573; Jan. 25. Class 44.
Rose-Meehan Foundries, Chattanooga, Tenn. Iron and steel castings. Serial No. 399,900; Jan. 25. Class 14.
Rothschild, Maurice L., Incorporated, Chicago, Ill. Suits, coats, overcoats, etc. Serial No. 400,172; Jan. 25. Class 39.
Safeway Stores, Incorporated, doing business as General Food Products Co., Reno, Nev., and Vernon, Calif. Carbonated water. Serial No. 400,127; Jan. 25. Class 45.
Salmanson & Co. Inc., New York, N. Y. Wardrobes, storage cabinets, etc. Serial No. 396,486; Jan. 25. Class 32.
San Francisco Stove Works. (See Hansen, Marguerite.)
Sears, Roebuck and Co., Chicago, Ill. Medicinal tablets and deodorant powder and cream. Serial No. 396,695; Jan. 25. Class 6.
Setheaes, C. O., and W. D., Co., Chicago, Ill. Beverages and extracts for making nonalcoholic carbonated beverages. Serial No. 399,777; Jan. 25. Class 45.
Shark Industries, Inc., Hollywood, Fla. Processed shark liver oil. Serial Nos. 380,251–2; Jan. 25. Class 6.
Shurhatch Fishing Tackle Co. Inc., The, Richfield Springs, N. Y. Wood minnows, spinning minnows, artificial bait, etc. Serial No. 394,662; Jan. 25. Class 22.
Smith, Margaret W., San Marino, Calif. Combination nursery cabinet and dressing table on wheels. Serial No. 400,801; Jan. 25. Class 32.
Sonotone Corporation, Elmsford, N. Y. Hearing-aid devices and acoustic elements and accessories thereof. Serial No. 400,131; Jan. 25. Class 44.
Southern Dairies, Inc., Washington, D. C. Ice cream, ices, and sherbets. Serial No. 398,643; Jan. 25. Class 46.
Sunny Hill Wineries, Inc., Chicago, Ill. Wines. Serial No. 400,135; Jan. 25. Class 47.
Sunny Hill Wineries, Inc., Chicago, Ill. Brandy. Serial No. 401,097; Jan. 25. Class 49.
Sunrise Brewing Company, The, Cleveland, Ohio. Beer. Serial No. 399,905; Jan. 25. Class 48.
Sutton-Hunger Products Company. (See Hunger, William B.)
Sylmar Packing Corporation, Los Angeles, Calif. Vegetable oils for food purposes, canned and bottled fruits and vegetables, etc. Serial No. 397,249; Jan. 25. Class 46.
Sylvania Industrial Corporation, Fredericksburg, Va., and New York, N. Y. Treated textile fabrics. Serial No. 399,379; Jan. 25. Class 42.
Sylvania Industrial Corporation, New York, N. Y. Chemical compounds for impregnating and coating yarns, etc. Serial No. 399,378; Jan. 25. Class 6.
Tarr & Wenson, Limited, Gloucester, Mass. Paints. Serial Nos. 400,255–6; Jan. 25. Class 16.
Tay-Holbrook Inc., San Francisco, Calif. Sheet metal. Serial No. 399,949; Jan. 25. Class 14.
Tomkins-Johnson Company, The, Jackson, Mich. Machine tool cutters, mandrels and collets, drill press fixtures, etc. Serial No. 392,509; Jan. 25. Class 23.
Tootal Broadhurst Lee Company Limited, Manchester, England. Piece-goods and articles made wholly or principally of artificial silk. Serial No. 400,033; Jan. 25. Class 42.

Trhulja, Milos, Rochester, Pa. Ointment for running sores, cuts, burns, etc. Serial No. 383,860; Jan. 25. Class 6.
Tybon Corporation, Philadelphia, Pa. Inked ribbons and carbon paper. Serial No. 399,914; Jan. 25. Class 11.
United States Rubber Products, Inc., New York, N. Y. Packing and bonding material. Serial No. 400,141; Jan. 25. Class 35.
Vazah, Inc., New York, N. Y. Display fixtures. Serial No. 400,142; Jan. 25. Class 50.
Warren Woolen Co., Stafford Springs, Conn. Woolen piece goods. Serial No. 398,589; Jan. 25. Class 42.
Watson, Leland A., doing business as Medical Acoustic Instrument Co., Minneapolis, Minn. Medical acoustic instruments. Serial No. 399,757; Jan. 25. Class 44.
Weiss, H. & H. Fur Company, The, Cleveland, Ohio. Fur coats, jackets, scarfs, and neck-pieces. Serial No. 390,569; Jan. 25. Class 39.
Weiss, Jeanette, doing business as Aunt Jen's, Elmwood Park, Ill. Sandwiches. Serial No. 395,325; Jan. 25. Class 46.
Welch Grape Juice Company, The, Westfield, N. Y. Grape juice. Serial Nos. 400,478–9; Jan. 25. Class 45.
West Branch Novelty Company, Milton, Pa. Cedar chests. Serial No. 400,624; Jan. 25. Class 32.
Wight, Frank L., Distilling Company, The, Loreley, Md. Whiskey. Serial No. 400,625; Jan. 25. Class 49.
Wile, Julius, Sons & Co., Inc., New York, N. Y. Bordeaux wines. Serial No. 399,695; Jan. 25. Class 47.
Williams, J. B., Company, The, Glastonbury, Conn. Shaving cream. Serial No. 397,013; Jan. 25. Class 4.
Wittmer, Robert S. E., doing business as Pittsburgh Scientific Laboratories, Pittsburgh, Pa. Laxative regulator, cold tablets, and foot salves. Serial No. 383,665; Jan. 25. Class 6.
Woodford County Distillery Co., Incorporated, St. Louis, Mo. Whiskey. Serial No. 400,268; Jan. 25. Class 49.
X-Lin Company, The. (See Lozzi, August F.)
Zenith Products Co., Wellsville, Ohio. Medicated shampoo for dogs. Serial No. 400,481; Jan. 25. Class 6.
Zingery Oil Map Company, Fort Worth, Tex. Oil maps. Serial No. 398,137; Jan. 25. Class 38.

LIST OF REGISTRANTS OF TRADE-MARKS

Adapti Manufacturing Company, The, by change of name, to The Adapti Company, Cleveland, Ohio. Outlet-boxes, switch boxes, and electrical conduit-fittings. 119,453–4; renewed Nov. 27, 1937.
Aitken, Beckman, doing business as Corbers Company, New York, N. Y. Board game. 353,961; Jan. 25; Serial No. 396,766; published Nov. 16, 1937. Class 22.
American Steel and Wire Company of New Jersey, The, Hoboken, N. J., assignor to Pheenix Manufacturing Company, Joliet, Ill. Horseshoes and horseshoe-calks. 120,470; renewed Feb. 12, 1938.
American Woolen Company, New York, N. Y. Blankets. 354,034; Jan. 25. Class 42.
Anthony, William C., Streator, Ill. Plant growing tanks and parts thereof and accessories therefor. 353,983; Jan. 25; Serial No. 393,488; published Nov. 16, 1937. Class 2.
Apothecaries Hall Company, Waterbury, Conn. Chemicals, medicines, and pharmaceutical preparations. 122,002; renewed June 18, 1938.
Bagpak, Inc., New York, N. Y. Paper bags. 354,024; Jan. 25; Serial No. 397,904; published Nov. 16, 1937. Class 2.
Baker-Moise Hosiery Mills, Dallas, Tex. Ladies' hosiery. 354,002; Jan. 25; Serial No. 397,566; published Nov. 16, 1937. Class 39.
Bancroft, Joseph, & Sons Co., Rockford, Wilmington, Del. Cotton piece goods. 354,038; Jan. 25. Class 42.
Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic lenses. 354,005; Jan. 25; Serial No. 397,605; published Nov. 16, 1937. Class 26.
Birmingham Trunk Factory, Birmingham, Ala. Trunks, traveling cases, portfolios, etc. 353,906; Jan. 25; Serial No. 371,949; published Mar. 2, 1937. Class 3.
Bisceglia Bros., San Jose, Calif. Wine. 353,913; Jan. 25; Serial No. 384,236; published Apr. 6, 1937. Class 47.
Blue Moon Cheese Products, Inc., Minneapolis, Minn. Cheese compound. 353,907; Jan. 25; Serial No. 375,981; published Nov. 16, 1937. Class 46.
Bochumer Verein für Gusstahlfabrikation Aktiengesellschaft, Bochum, Germany. Steel, iron, brass, etc. castings, forgings, and half-finished articles. 353,926; Jan. 25; Serial No. 391,616; published Nov. 16, 1937. Class 14.
Borden Company, The, New York, N. Y. Sugar syrup with caramel coloring. 353,957; Jan. 25; Serial No. 394,559; published Nov. 16, 1937. Class 46.
Borgenicht & Spiro Inc., New York, N. Y. Dresses. 353,959; Jan. 25; Serial No. 396,664; published Nov. 16, 1937. Class 39.
Boston Dog Food Co. (See McDonnell, P. A.)
Brocato, Joe, doing business as Spring St. Cafe, Shreveport, La. Mixture of anchovies, capers, and seeded green and black olives. 353,908; Jan. 25; Serial No. 380,753; published Nov. 16, 1937. Class 46.
Brown Ray Phones, San Francisco, Calif. Radio receiving and transmitting equipment and parts thereof. 353,916; Jan. 25; Serial No. 396,431; published Nov. 16, 1937. Class 21.
Buffalo Dental Manufacturing Company, Buffalo, N. Y. Dental appliances. 354,010; Jan. 25; Serial No. 397,642; published Nov. 9, 1937. Class 44.
Bureau of National Affairs, Incorporated, The, Washington, D. C. Periodical publications. 354,006; Jan. 25; Serial No. 397,610; published Nov. 9, 1937. Class 38.
Burns' Cabelo Co., Inc., Santa Ana, Calif. Orthopedic devices. 354,011; Jan. 25; Serial No. 397,643; published Nov. 9, 1937. Class 44.
Camarillo Citrus Ass'n., Camarillo, Calif. Fresh citrus fruits. 354,007; Jan. 25; Serial No. 397,613; published Nov. 16, 1937. Class 46.
Campbell X-Ray Corporation, Boston, Mass. X-ray apparatus. 354,029; Jan. 25; Serial No. 398,077; published Nov. 9, 1937. Class 44.
Caulk, L. D., Company, The, Milford, Del. Dental cement. 354,016; Jan. 25; Serial No. 397,748; published Nov. 9, 1937. Class 44.
Celanese Corporation of America, New York, N. Y. Bathing trunks and gym shorts. 353,994; Jan. 25; Serial No. 397,490; published Nov. 16, 1937. Class 39.
Central Metallic Casket Co., Chicago, Ill. Caskets. 353,955; Jan. 25; Serial No. 396,447; published Nov. 16, 1937. Class 2.
Chicago Electric Manufacturing Co., Chicago, Ill. Household appliances. 353,979; Jan. 25; Serial No. 397,244; published Nov. 16, 1937. Class 21.
Chicago Tribune-New York News Syndicate, Inc., New York, N. Y. Series of cartoons. 353,918; Jan. 25; Serial No. 388,900; published Nov. 9, 1937. Class 38.
Child Welfare Company, Inc., Washington, D. C. Publications. 353,971; Jan. 25; Serial No. 396,953; published Nov. 16, 1937. Class 38.
Compania Ron Daiquiri, S. A., Habana, Cuba. Distilled alcoholic liquors. 353,903; Jan. 25; Serial No. 348,015; published July 30, 1935. Class 49.
Conn, C. G., Ltd., Elkhart, Ind. Musical instruments and wind instruments. 121,045; renewed Apr. 2, 1938.
Consolidated Ribbon & Carbon Company, Chicago, Ill. Hand cleaning liquid. 354,035; Jan. 25. Class 4.
Cook Paint & Varnish Company, North Kansas City, Mo. Ready-mixed paints. 353,996; Jan. 25; Serial No. 397,501; published Nov. 16, 1937. Class 16.
Corkers Company. (See Aitken, Beckman.)
Cortland Line Company, Inc., Cortland, N. Y. Fish lines and tennis rackets. 354,033; Jan. 25. Class 22.
Crapple, Guy C., assignor to The Little Chronicle Association, Inc., Chicago, Ill. Periodical publication. 353,919; Jan. 25; Serial No. 389,306; published Nov. 9, 1937. Class 38.
Crystal Springs Packing Co. Inc., Medford, Oreg. Fresh pears and apples. 353,966; Jan. 25; Serial No. 396,806; published Nov. 16, 1937. Class 46.
Dart, J. W., Paint & Varnish Works. (See Walgreen Co.)
Decker, Alfred, & Cohn, Inc., Chicago, Ill. Men's suits. 353,954; Jan. 25; Serial No. 396,388; published Nov. 16, 1937. Class 39.
Del Valle Kahman & Co., San Francisco, Calif. Canned lobster. 354,012; Jan. 25; Serial No. 397,647; published Nov. 16, 1937. Class 46.
Disney, Walt, Productions, Ltd., Los Angeles, Calif. Series of motion picture animated cartoons. 354,019; Jan. 25; Serial No. 397,836; published Nov. 16, 1937. Class 26.
Eastman Kodak Co., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic-printing frames. 120,964; renewed Mar. 19, 1938.
Eastman Kodak Company, Jersey City, N. J., and Rochester, N. Y. Photographic lenses. 353,915; Jan. 25; Serial No. 388,091; published Mar. 23, 1937. Class 26.
Fairyfoot Products Company. (See Foot Remedy Company, assignor.)
Fansteel Metallurgical Corporation, North Chicago, Ill. Metals and alloys thereof. 353,960; Jan. 25; Serial No. 396,675; published Nov. 16, 1937. Class 14.
Feise, Frank C., doing business as F. C. Feise Co., Roxborough, Philadelphia, Pa. Tennis court surfacings, tennis court composition clay surfacings. 353,911; Jan. 25; Serial No. 382,153; published Nov. 16, 1937. Class 12.
Fiction House, Inc., New York, N. Y. Periodical. 353,987; Jan. 25; Serial No. 397,359; published Nov. 16, 1937. Class 38.

Fischer, Mary E., Portland, Oreg. Books. 353,912; Jan. 25; Serial No. 382,467; published Nov. 9, 1937. Class 38.

Florasynth Laboratories, Inc., New York, N. Y. Synthetic and natural aromatics and essential oils for food flavoring purposes. 353,939; Jan. 25; Serial No. 394,747; published Nov. 16, 1937. Class 46.

Follmer, Clegg & Co., Inc., New York, N. Y., and Lancaster, Pa. Parasols. 353,969; Jan. 25; Serial No. 396,912; published Nov. 9, 1937. Class 41.

Food Machinery Corporation, San Jose, Calif. Fresh fruit. 354,015; Jan. 25; Serial No. 397,735; published Nov. 16, 1937. Class 46.

Food Specialties Company, St. Louis, Mo. Edible starch product in solid form. 353,917; Jan. 25; Serial No. 389,495; published Nov. 16, 1937. Class 46.

Foot Remedy Company, assignor to Fairyfoot Products Company, Chicago, Ill. Corn-plasters, bunion-plasters, callus remedy, etc. 119,689; renewed Dec. 11, 1937.

General Desserts Corporation, New York, N. Y. Powdered pectin preparation for making jelly. 353,975; Jan. 25; Serial No. 397,075; published Nov. 16, 1937. Class 46.

General Motors Corporation, Detroit, Mich. Automobiles and structural parts thereof. 353,958; Jan. 25; Serial No. 396,566; published Nov. 16, 1937. Class 19.

Gimbel Brothers, Inc., New York, N. Y. Carpet sweepers. 354,036; Jan. 25. Class 23.

Gorseline Finch Sporting Goods Company, Denver, Colo. Fishing baskets, flies, flyhooks, etc. 353,944; Jan. 25; Serial No. 395,642; published Nov. 16, 1937. Class 22.

Green Bay Food Company, Green Bay, Wis. Pickles, chow-chow, sweet and sour onions, etc. 353,946; Jan. 25; Serial No. 396,035; published Nov. 16, 1937. Class 46.

Hanovia Chemical and Manufacturing Company, Newark, N. J. Ultraviolet equipment, and safety air fixtures. 353,934; Jan. 25; Serial No. 394,083; published Nov. 9, 1937. Class 44.

Harnischfeger Corporation, Milwaukee, Wis. Electric welding heads, electric arc welding machines and parts thereof. 354,032; Jan. 25. Class 21.

Heidbrink Company, The, Minneapolis, Minn. Anesthetic gas machines. 354,017; Jan. 25; Serial No. 397,805; published Nov. 9, 1937. Class 44.

High Duty Alloys Limited, Slough, England. Unwrought and partly wrought metals, and stampings, forgings, etc. 354,006; Jan. 25; Serial No. 397,618; published Nov. 16, 1937. Class 14.

Horton Manufacturing Company, Fort Wayne, Ind. Laundry washing machines and laundry washing machine agitators. 353,921; Jan. 25; Serial No. 390,958; published Nov. 16, 1937. Class 24.

Il Buon Samaritano, Inc., New York, N. Y. Publication. 353,973; Jan. 25; Serial No. 397,031; published Nov. 16, 1937. Class 38.

International Safety Razor Corp., Bloomfield, N. J. Razors and razor blades. 354,020; Jan. 25; Serial No. 397,934; published Nov. 16, 1937. Class 23.

International Shoe Company. (See Plant, Thomas G., Company, assignor.)

Irwin, John, Jr., doing business as Junior Executive, Chicago, Ill. Dresses. 353,976; Jan. 25; Serial No. 397,070; published Nov. 16, 1937. Class 39.

Jawline Company, The. (See Weinberger, Julius A.)

Jif-ee-Made Co., Philadelphia, Pa. Undergarments. 353,942; Jan. 25; Serial No. 395,478; published Nov. 16, 1937. Class 39.

Junior Executive. (See Irwin, John, Jr.)

Kayser, Julius, & Co., New York, N. Y. Ladies' pajamas. 353,991; Jan. 25; Serial No. 397,409; published Nov. 16, 1937. Class 39.

Kelly, Paul L., doing business as Kels Co., Petrolia, Pa. Sassafras chewing gum. 353,910; Jan. 25; Serial No. 381,672; published Nov. 16, 1937. Class 46.

Kels Co. (See Kelly, Paul L.)

Kil-Tone Company, The, Vineland, N. J., assignor to Lucas Kil-Tone Company, Philadelphia, Pa. Insect repellent. 120,106; renewed Jan. 8, 1938.

Knorr Mercantile Co., The, Wichita, Kans. Hosiery. 353,982; Jan. 25; Serial No. 397,288; published Nov. 16, 1937. Class 39.

Kny-Scheerer Corporation, The, New York, assignor, by mesne assignments, to Kny-Scheerer Corporation, Long Island City, New York, N. Y. Electromedical apparatus. 121,719; renewed May 21, 1938.

Labeddie Packing Company, Manitowoc, Wis. Canned product. 353,930; Jan. 25; Serial No. 393,178; published Nov. 16, 1937. Class 46.

Larkwood Silk Hosiery Mills, Inc., Charlotte, N. C. Ladies' hosiery. 353,951; Jan. 25; Serial No. 396,196; published Nov. 16, 1937. Class 39.

Lawmac Furs, Inc., New York, N. Y. Ladies' coats. 353,933; Jan. 25; Serial No. 393,718; published Nov. 16, 1937. Class 39.

Lincoln Bennett & Co., assignor to Lincoln, Bennett & Co., Limited, London, England. Hats, caps, and helmets. 15,153; re-renewed Jan. 31, 1938.

Lion Knitting Mills Company, The, Cleveland, Ohio. Vests, sweaters, and sleeveless sweaters for women and girls. 353,956; Jan. 25; Serial No. 396,540; published Nov. 16, 1937. Class 39.

Little Chronicle Association, Inc., The. (See Crapple, Guy C., assignor.)

Londenderry, Inc., New York, N. Y. Women's and misses' camel's hair coats. 353,968; Jan. 25; Serial No. 396,881; published Nov. 16, 1937. Class 39.

Loudonville Milling Company, The, Loudonville, Ohio. Bran, middlings, mixed feed, etc. 353,987; Jan. 25; Serial No. 396,822; published Nov. 16, 1937. Class 46.

Lucas Kil-Tone Company. (See Kil-Tone Company, The, assignor.)

Ludlum Steel Co., Watervliet, N. Y. Tool-steels. 354,025; Jan. 25; Serial No. 398,011; published Nov. 16, 1937. Class 14.

Lusan Industrial Corporation, Manila, P. I. Lard substitute. 353,922; Jan. 25; Serial No. 391,136; published Nov. 16, 1937. Class 46.

Macy, R. H., & Co., Inc., New York, N. Y. Ready mixed paints, varnishes, paint enamels, etc. 353,980; Jan. 25; Serial No. 397,259; published Nov. 16, 1937. Class 16.

Macy, R. H., & Co., Inc., New York, N. Y. Tennis rackets. 354,021–2; Jan. 25; Serial Nos. 397,945–6; published Nov. 16, 1937. Class 22.

Maggi Co., Inc., New York, N. Y. Bouillon cubes and granulated bouillon. 353,948; Jan. 25; Serial No. 396,145; published Nov. 16, 1937. Class 46.

Maggi Co., Inc., New York, N. Y. Bouillon cubes. 353,949–50; Jan. 25; Serial Nos. 396,146–7; published Nov. 16, 1937. Class 46.

Manville Jenckes Corporation, Manville, R. I. Thread and yarn. 353,974; Jan. 25; Serial No. 397,039; published Nov. 9, 1937. Class 43.

Mars Incorporated, Chicago, Ill. Candy. 353,936; Jan. 25; Serial No. 394,465; published Nov. 16, 1937. Class 46.

Masury, John W., & Son, Brooklyn, to John W. Masury & Son, New York, N. Y. Varnish. 121,918; renewed Jan. 11, 1938.

Mayer, Oscar, & Co., Inc., Chicago, Ill. Sausage. 353,927; Jan. 25; Serial No. 391,986; published Nov. 16, 1937. Class 46.

McCarthy, Charlie, Inc., New York, N. Y. Dolls. 353,962; Jan. 25; Serial No. 396,708; published Nov. 16, 1937. Class 22.

McDevitt, Harry J., Philadelphia, Pa. Automobile air filter cleaner apparatus. 353,931; Jan. 25; Serial No. 393,224; published Nov. 16, 1937. Class 24.

McDonald Corporation, The, Auburndale, Fla. Fresh citrus fruits. 353,962; Jan. 25; Serial No. 396,244; published Nov. 16, 1937. Class 46.

McDonald Corporation, The, Auburndale, Fla. Fresh citrus fruits. 353,963; Jan. 25; Serial No. 396,246; published Nov. 16, 1937. Class 46.

McDonnell, P. A., doing business as Boston Dog Food Co., Boston, Mass. Dog and cat food. 353,983; Jan. 25; Serial No. 397,293; published Nov. 16, 1937. Class 46.

Megowen-Educator Food Company, Cambridge, Mass. Soda crackers. 353,999; Jan. 25; Serial No. 397,544; published Nov. 16, 1937. Class 46.

Milk Minerals Co. Inc., Chicago, Ill. High calcium food derived entirely from milk. 353,981; Jan. 25; Serial No. 397,274. Class 46.

Mohawk Equipment Corporation, Chicago, Ill. Power saws. 353,928; Jan. 25; Serial No. 392,697; published Sept. 7, 1937. Class 23.

Morrell, John, & Co., Ottumwa, Iowa. Smoked boneless pork butts. 353,997; Jan. 25; Serial No. 397,511; published Nov. 16, 1937. Class 46.

Naamloose Vennootschap Chemische Fabriek L. van der Grinten, Venlo, Netherlands. Copying apparatus and developing apparatus. 354,013; Jan. 25; Serial No. 397,674; published Nov. 16, 1937. Class 20.

National Washboard Company, Chicago, Ill. Folding ironing tables. 354,026–8; Jan. 25; Serial Nos. 398,054–6; published Nov. 16, 1937. Class 24.

New England Products, Inc., Evanston, Ill. Combination of eight vegetable juices. 354,003; Jan. 25; Serial No. 397,587; published Nov. 16, 1937. Class 46.

Northern Jobbing Company, St. Paul, Minn. Canned peaches, canned pineapples, canned cut green beans, etc. 353,992; Jan. 25; Serial No. 397,414; published Nov. 16, 1937. Class 46.

O'Bryan & Johnson, Redlands, Calif. Fresh citrus fruits. 354,000; Jan. 25; Serial No. 397,547; published Nov. 16, 1937. Class 46.

Old Dutch Process Mfg. Co., Brooklyn, N. Y. Furniture polish, liquid wax, automobile polish, etc. 353,909; Jan. 25; Serial No. 381,168; published Nov. 16, 1937. Class 16.

Oneita Knitting Mills, Utica, N. Y. Sweat shirt. 353,963; Jan. 25; Serial No. 396,723; published Nov. 16, 1937. Class 39.

Oshkosh Brewing Co., The, Oshkosh, Wis. Beer. 354,037; Jan. 25. Class 48.

Osmo Garden Company, The, Philadelphia, Pa. Material to facilitate the growth of seeds and cuttings, etc. 353,923; Jan. 25; Serial No. 391,335; published Nov. 16, 1937. Class 10.

Pasel, Rose M., doing business as Pasel Boat Shops, Long Beach, Calif. Small sailboats. 353,945; Jan. 25; Serial No. 395,652; published Nov. 16, 1937. Class 19.

Phoenix Manufacturing Company. (See American Steel and Wire Company of New Jersey, The, assignor.)

Plant Food Corp., Los Angeles, Calif. Fertilizers. 353,954–5; Jan. 25; Serial Nos. 397,296–7; published Nov. 16, 1937. Class 10.

Plant, Thomas G., Company, Boston, Mass., assignor to International Shoe Company, St. Louis, Mo. Shoes. 120,627; renewed Feb. 19, 1938.

Prescott Spinner Manufacturing Company. (See Stapf, Charles H.)

Pullman Chemical Company, Camden, N. J. Top dressing, brake dressing, chromium cleaner, etc. 354,031; Jan. 25. Class 4.

Raincloud Water Softener, Inc., Green Bay, Wis. Trap-type water softeners. 353,937; Jan. 25; Serial No. 394,551; published Nov. 16, 1937. Class 23.

Recreational Equipment Co., Denver, Colo. Board game. 353,988; Jan. 25; Serial No. 397,579; published Nov. 16, 1937. Class 22.

Remington Arms Company, Inc., Bridgeport, Conn. Firearms. 354,023; Jan. 25; Serial No. 397,953; published Nov. 16, 1937. Class 9.

Review Printing Company, The, Miami, Fla. Weekly magazine. 353,998; Jan. 25; Serial No. 397,300; published Nov. 9, 1937. Class 38.

Rice Growers Association of California, also doing business as Rice Growers Assn., Sacramento, Calif. Rice. 353,938; Jan. 25; Serial No. 394,553; published Nov. 16, 1937. Class 46.

Rok-Hesive Manufacturing Co., Glendale, Calif. Coatings and fillers. 354,001; Jan. 25; Serial No. 397,553; published Nov. 16, 1937. Class 16.

Rose, Louis S., doing business as Rose Brothers, New York, N. Y. Coats, vests, and trousers. 353,977; Jan. 25; Serial No. 397,155; published Nov. 16, 1937. Class 39.

Rosenau Bros., Inc., Philadelphia, Pa. Dresses. 353,965; Jan. 25; Serial No. 396,798; published Nov. 9, 1937. Class 39.

Rothschild, Maurice L., Incorporated, Chicago, Ill. Suits, coats, overcoats, etc. 353,929; Jan. 25; Serial No. 392,773; published Nov. 16, 1937. Class 39.

Schmid, Julius, Incorporated, New York, N. Y. Pacifiers. 121,661; renewed May 14, 1938.

Schneider, Joseph, Inc., New York, N. Y. Games. 353,998; Jan. 25; Serial No. 397,518; published Nov. 16, 1937. Class 22.

Schoenhut, O., Inc., Philadelphia, Pa. Game. 354,018; Jan. 25; Serial No. 397,876; published Nov. 16, 1937. Class 22.

Serra, Arthur, & Company, Chicago, Ill. Canned pineapple. 353,993; Jan. 25; Serial No. 397,424; published Nov. 16, 1937. Class 46.

Shoecraft Shop, Inc., The, assignor to Shoecraft, Inc., New York, N. Y. Leather boots and shoes. 121,832; renewed May 28, 1938.

Shonnard, Harold W., Montclair, N. J. Elevating tailgates for vehicles. 353,941; Jan. 25; Serial No. 395,461; published Nov. 16, 1937. Class 19.

Simons, Robert J., Springfield, Mass. Paint brush receptacles with incidental bedding means. 353,940; Jan. 25; Serial No. 395,052; published Nov. 16, 1937. Class 2.

Sleeter Co. Inc., The, New York, N. Y. Vehicle windshield wiper blades. 353,964; Jan. 25; Serial No. 396,789; published Nov. 16, 1937. Class 19.

Smith, V. R., doing business as V. R. Smith Olive Co., Lindsay, Calif. Canned olives and canned olive oil. 353,935; Jan. 25; Serial No. 394,101; published Aug. 10, 1937. Class 46.

Southern Grocery Stores, Inc., Atlanta, Ga. Self-rising flour. 353,989; Jan. 25; Serial No. 397,386; published Nov. 16, 1937. Class 46.

Spring St. Cafe. (See Brocato, Joe.)

Standard Oil Company of New Jersey, Wilmington, Del. Floor dressing. 353,972; Jan. 25; Serial No. 397,006; published Nov. 16, 1937. Class 16.

Stapf, Charles H., doing business as Prescott Spinner Manufacturing Company, Prescott, Wis. Jointed wire leader. 354,014; Jan. 25; Serial No. 397,730; published Nov. 16, 1937. Class 22.

Strauss-Eckhardt Co., Inc., New York, N. Y. Dolls, blocks, dominoes, etc. 353,920; Jan. 25; Serial No. 390,352; published Nov. 16, 1937. Class 22.

Supples, Samuel G., & Co., New York, N. Y. Dentures. 353,978; Jan. 25; Serial No. 397,158; published Nov. 9, 1937. Class 44.

Toc's Products Company, Inc., Syracuse, N. Y. Sanitary napkins. 353,924; Jan. 25; Serial No. 391,868; published Nov. 16, 1937. Class 44.

Trenton Spring Products Company, Trenton, N. J. Fabricated spring structure. 354,030; Jan. 25. Class 32.

Tybon Corporation, Philadelphia, Pa. Inked ribbons and carbon paper. 354,009; Jan. 25; Serial No. 397,626; published Nov. 16, 1937. Class 11.

Underwriters Safety Device Corporation, Chicago, Ill. Electric switches. 353,995; Jan. 25; Serial No. 397,490; published Nov. 16, 1937. Class 21.

Union Bag & Paper Corporation, New York, N. Y. Transparent window bags and other paper bags. 353,943; Jan. 25; Serial No. 395,499; published Nov. 16, 1937. Class 2.

United Feature Syndicate, Inc., New York, N. Y. Comic drawings. 353,990; Jan. 25; Serial No. 397,391; published Nov. 9, 1937. Class 38.

Van Allen, John D., & Son, Inc., Clinton, Iowa. Infants' garments. 354,004; Jan. 25; Serial No. 397,595; published Nov. 16, 1937. Class 39.

Van Camp Sea Food Co., Inc., Terminal Island, Calif. Fertilizer. 353,970; Jan. 25; Serial No. 396,938; published Nov. 16, 1937. Class 10.

Walgreen Co., doing business as J. W. Dart Paint & Varnish Works, Chicago, Ill. Paints and enamels. 353,905; Jan. 25; Serial No. 364,904; published Jan. 21, 1936. Class 16.

Wanamaker, John, New York, New York, N. Y. Athletic and sports clothing. 119,838; renewed Dec. 11, 1937.

Wathen, John A., Distillery Co., Louisville and Lebanon, Ky. Whisky. 353,904; Jan. 25; Serial No. 357,107; published Nov. 16, 1937. Class 49.

Weinberger, Julius A., doing business as The Jawline Company, New York, N. Y. Angora wool yarns. 353,914; Jan. 25; Serial No. 384,606; published Nov. 16, 1937. Class 43.

Weston, George, Limited, Passaic, N. J. Crackers. 353,947; Jan. 25; Serial No. 396,055; published Nov. 16, 1937. Class 46.

Women's Wear Company, New York, N. Y. Newspaper section. 353,925; Jan. 25; Serial No. 391,446; published Nov. 9, 1937. Class 38.

LIST OF REGISTRANTS OF LABELS

Clayton, A. C., Printing Co., St. Louis, Mo. Fine Footwear. For Footwear. 50,599; Jan. 25.

Daggett Chocolate Company, Cambridge, Mass. Miniature Chocolates. For Chocolates. 50,600; Jan. 25.

Famous Products Company. (See Neumann, Morton G.)

Hygrade Sylvania Corporation, Salem, Mass. Hygrade Lamps. For Electric Lamps. 50,601; Jan. 25.

Jones, Leonard, Los Angeles, Calif. Old 97. For Fresh Fruits and Vegetables. 50,602; Jan. 25.

Menasha Products Company, Menasha, Wis. Menasha Ice Cream. For Ice Cream. 50,603; Jan. 25.

Neumann, Morton G., doing business as Famous Products Company, Chicago, Ill. Lucky Man Lilac after Shave Lotion. For after Shave Lotion. 50,604; Jan. 25.

Neumann, Morton G., doing business as Famous Products Company, Chicago, Ill. Lucky Brown One Minute Hair Tonic Treatment. For a Hair Tonic. 50,605; Jan. 25.

Neumann; Morton G., doing business as Famous Products Company, Chicago, Ill. Kiss Me Again Mouth Wash. For a Mouth Wash. 50,606; Jan. 25.

Neumann, Morton G., doing business as Famous Products Company, Chicago, Ill. Lucky Brown Lemon Vanishing Cream. For a Vanishing Cream. 50,607; Jan. 25.

Tobacco By-Products & Chemical Corporation, (Incorporated), Louisville, Ky. "Nico-Fume" Tobacco Powder. For Tobacco Powder for Fumigating Greenhouses. 50,608; Jan. 25.

Tobacco By-Products & Chemical Corporation, (Incorporated), Louisville, Ky. "Black Leaf 40". For Nicotine Sulphate. 50,609–11; Jan. 25.

Tobacco By-Products & Chemical Corporation, Incorporated, Louisville, Ky. "Black Leaf 40". For Nicotine Sulphate. 50,612–13; Jan. 25.

LIST OF REGISTRANTS OF PRINTS

Silverico, Inc., New York, N. Y. Silverico. For Glass and Metal Balls Used for Chilling Without Diluting Beer, Wine, Cocktails, Highballs, Etc. 16,667; Jan. 25.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 2

Bags and other paper bags, Transparent window. Union Bag & Paper Corporation. 353,943; Jan. 25; Serial No. 396,489; published Nov. 16, 1937.
Bags, Paper. Bagpak, Inc. 354,024; Jan. 25; Serial No. 397,694; published Nov. 16, 1937.
Caskets. Central Metallic Casket Co. 353,955; Jan. 25; Serial No. 396,447; published Nov. 16, 1937.
Receptacles with incidental holding means, Paint brush. R. J. Simons. 353,940; Jan. 25; Serial No. 396,662; published Nov. 16, 1937.
Tanks and parts thereof and accessories therefor, Plant growing. W. C. Anthony. 353,932; Jan. 25; Serial No. 393,665; published Nov. 16, 1937.

CLASS 3

Horseshoes and horseshoe-calks. American Steel and Wire Company of New Jersey. 120,470; renewed Feb. 12, 1938.
Trunks, traveling cases, portfolios, etc. Birmingham Trunk Factory. 353,906; Jan. 25; Serial No. 371,949; published Mar. 2, 1937.

CLASS 4

Cleaning liquid, Hand. Consolidated Ribbon & Carbon Company. 354,085; Jan. 25.
Dressing, brake dressing, chromium cleaner, etc., Top. Pullman Chemical Company. 354,031; Jan. 25.

CLASS 6

Corn plasters, bunion-plasters, callus remedy, etc. Foot Remedy Company. 119,680; renewed Dec. 11, 1937.
Insect repellent. Kil-Tone Company. 120,108; renewed Jan. 8, 1938.

CLASS 9

Firearms. Remington Arms Company. 354,023; Jan. 25; Serial No. 397,953; published Nov. 16, 1937.

CLASS 10

Fertilizer. Van Camp Sea Food Co. 353,970; Jan. 25; Serial No. 396,938; published Nov. 16, 1937.
Fertilizers. Plant Food Corp. 353,964–5; Jan. 25; Serial Nos. 397,296–7; published Nov. 16, 1937.
Material to facilitate the growth of seeds and cuttings, etc. Osmo Garden Company. 353,923; Jan. 25; Serial No. 391,335; published Nov. 16, 1937.

CLASS 11

Ribbons and carbon paper, Inked. Tyson Corporation. 354,009; Jan. 25; Serial No. 397,628; published Nov. 16, 1937.

CLASS 12

Surfacings, tennis court composition clay surfacings, Tennis court. F. C. Fuiss. 353,911; Jan. 25; Serial No. 382,153; published Nov. 16, 1937.

CLASS 13

Water softeners, Trap-type. Raincloud Water Softener, Inc. 353,937; Jan. 25; Serial No. 394,551; published Nov. 16, 1937.

CLASS 14

Castings, forgings, and half-finished articles, Steel, iron, brass, etc. Bochumer Verein für Gusstahlfabrikation Aktiengesellschaft. 353,926; Jan. 25; Serial No. 391,610; published Nov. 16, 1937.
Metals and alloys thereof. Fansteel Metallurgical Corporation. 353,940; Jan. 25; Serial No. 396,675; published Nov. 16, 1937.
Metals and stampings, forgings, etc., Unwrought and partly wrought. High Duty Alloys Limited. 354,006; Jan. 25; Serial No. 397,618; published Nov. 16, 1937.
Tool-steels. Ludlum Steel Co. 354,025; Jan. 25; Serial No. 398,011; published Nov. 16, 1937.

CLASS 16

Chemicals, medicines, and pharmaceutical preparations. Apothecaries Hall Company. 122,002; renewed June 14, 1938.
Coatings and filler. Rok-Hestive Manufacturing Co. 354,001; Jan. 25; Serial No. 397,553; published Nov. 16, 1937.
Dressing, Floor. Standard Oil Company of New Jersey. 353,972; Jan. 25; Serial No. 397,006; published Nov. 16, 1937.
Paints and enamels. Walgreen Co. 353,905; Jan. 25; Serial No. 364,904; published Jan. 21, 1936.
Paints, Ready-mixed. Cook Paint & Varnish Company. 353,998; Jan. 25; Serial No. 397,501; published Nov. 16, 1937.
Paints, varnishes, paint enamels, etc., Ready mixed. R. H. Macy & Co. 353,980; Jan. 25; Serial No. 397,259; published Nov. 16, 1937.
Polish, Liquid wax, automobile polish, etc., Furniture. Old Dutch Process Mfg. Co. 353,909; Jan. 25; Serial No. 391,168; published Nov. 16, 1937.
Varnish. John W. Masury & Son. 121,918; renewed June 11, 1938.

CLASS 19

Automobiles and structural parts thereof. General Motors Corporation. 353,958; Jan. 25; Serial No. 396,566; published Nov. 16, 1937.
Sailboats, Small. R. M. Fassi. 353,945; Jan. 25; Serial No. 396,652; published Nov. 16, 1937.
Tailgates for vehicles, Elevating. H. W. Shoemaker. 353,941; Jan. 25; Serial No. 396,461; published Nov. 16, 1937.
Windshield wiper blades, Vehicle. Shuster Co. Inc. 353,964; Jan. 25; Serial No. 396,789; published Nov. 16, 1937.

CLASS 21

Electric switches. Underwriters Safety Device Corporation. 353,995; Jan. 25; Serial No. 397,490; published Nov. 16, 1937.
Electric welding heads, electric arc welding machines and parts thereof. Harnischfeger Corporation. 354,032; Jan. 25.
Household appliances. Chicago Electric Manufacturing Co. 353,979; Jan. 25; Serial No. 397,244; published Nov. 16, 1937.
Outlet-boxes, switch-boxes, and electrical-conduit fittings. Adapti Manufacturing Company. 119,483–4; renewed Nov. 27, 1937.
Radio receiving and transmitting equipment and parts thereof. Brown Ray Phones. 353,916; Jan. 25; Serial No. 388,431; published Nov. 16, 1937.

CLASS 22

Dolls. Charlie McCarthy, Inc. 353,942; Jan. 25; Serial No. 396,768; published Nov. 16, 1937.
Dolls, blocks, dominoes, etc. Strauss-Eckardt Co. 353,920; Jan. 25; Serial No. 390,253; published Nov. 16, 1937.
Fish lines and tennis rackets. Cortland Line Company. 354,033; Jan. 25.
Fishing baskets, flies, flybooks, etc. Geraline Finch Sporting Goods Company. 353,944; Jan. 25; Serial No. 396,642; published Nov. 16, 1937.
Game, O. Schoenhut Inc. 354,016; Jan. 25; Serial No. 397,876; published Nov. 16, 1937.
Game, Board. B. Altman. 353,961; Jan. 25; Serial No. 396,705; published Nov. 16, 1937.
Game, Board. Recreational Equipment Co. 353,988; Jan. 25; Serial No. 397,379; published Nov. 16, 1937.
Games. Joseph Schneider, Inc. 353,998; Jan. 25; Serial No. 397,518; published Nov. 16, 1937.
Leader, Jointed wire. C. H. Stapf. 354,014; Jan. 25; Serial No. 397,730; published Nov. 16, 1937.
Tennis rackets. R. H. Macy & Co. 354,021–3; Jan. 25; Serial Nos. 397,945–6; published Nov. 16, 1937.

CLASS 23

Razors and razor blades. International Safety Razor Corp. 354,020; Jan. 25; Serial No. 397,934; published Nov. 16, 1937.
Saws, Power. Mohawk Equipment Corporation. 353,928; Jan. 25; Serial No. 392,697; published Sept. 7, 1937.
Sweepers, Carpet. Gimbel Brothers, Inc. 354,036; Jan. 25.

CLASS 24

Cleaner apparatus, Automobile air filter. H. J. McDevitt. 353,921; Jan. 25; Serial No. 393,234; published Nov. 16, 1937.
Tables, Folding ironing. National Washboard Company. 354,026–8; Jan. 25; Serial Nos. 398,054–6; published Nov. 16, 1937.
Washing machines and laundry washing machine agitators, Laundry. Heston Manufacturing Company. 353,921; Jan. 25; Serial No. 396,950; published Nov. 16, 1937.

CLASS 26

Copying apparatus and developing apparatus. Naamlooze Vennootschap Chemische Fabriek L. van der Grinten. 354,013; Jan. 25; Serial No. 397,674; published Nov. 16, 1937.
Lenses, Ophthalmic. Bausch & Lomb Optical Company. 354,005; Jan. 25; Serial No. 397,605; published Nov. 16, 1937.
Lenses, Photographic. Eastman Kodak Company. 353,915; Jan. 25; Serial No. 388,091; published Mar. 23, 1937.
Photographic-printing frames. Eastman Kodak Co. 120,944; renewed Mar. 19, 1938.
Picture animated cartoons, Series of motion. Walt Disney Productions, Ltd. 354,019; Jan. 25; Serial No. 397,886; published Nov. 16, 1937.

CLASS 32

Spring structure, Fabricated. Trenton Spring Products Company. 354,030; Jan. 25.

CLASS 34

Musical instruments and wind instruments. C. G. Conn, Ltd. 121,045; renewed Apr. 5, 1938.

CLASS 36

Books. M. E. Fischer. 353,912; Jan. 25; Serial No. 382,467; published Nov. 9, 1937.
Cartoons, Series of. Chicago Tribune-New York News Syndicate, Inc. 353,918; Jan. 25; Serial No. 388,900; published Nov. 9, 1937.
Drawings, Comic. United Feature Syndicate, Inc. 353,990; Jan. 25; Serial No. 397,291; published Nov. 9, 1937.
Magazine. Weekly Review Printing Company. 353,966; Jan. 25; Serial No. 397,300; published Nov. 9, 1937.
Newspaper section. Women's Wear Company. 353,936; Jan. 25; Serial No. 397,440; published Nov. 9, 1937.
Periodical. Fiction House, Inc. 353,957; Jan. 25; Serial No. 397,329; published Nov. 16, 1937.
Publication. If Buen Samaritano, Inc. 353,973; Jan. 25; Serial No. 397,031; published Nov. 16, 1937.
Publications, Periodical. Bureau of National Affairs, Incorporated. 354,029; Jan. 25; Serial No. 397,610; published Nov. 9, 1937.
Publication, Periodical. G. C. Crumpin. 353,919; Jan. 25; Serial No. 389,306; published Nov. 9, 1937.
Publications. Child Welfare Company. 353,971; Jan. 25; Serial No. 396,953; published Nov. 16, 1937.

CLASS 39

Boots and shoes, Leather. Shoecraft Shop, Inc. 121,832; renewed May 28, 1938.
Clothing, Athletic and sports. John Wanamaker New York. 119,688; renewed Dec. 12, 1937.
Coats, Ladies'. Loewman Bros., Inc. 353,933; Jan. 25; Serial No. 393,719; published Nov. 16, 1937.
Coats, vests, and trousers. L. S. Ross. 353,977; Jan. 25; Serial No. 397,155; published Nov. 16, 1937.
Coats, Women's and misses' camel's hair. Londonderry, Inc. 353,968; Jan. 25; Serial No. 396,881; published Nov. 16, 1937.
Dresses. Borgenicht & Spiro Inc. 353,950; Jan. 25; Serial No. 396,664; published Nov. 16, 1937.
Dresses. J. Irwin, Jr. 353,976; Jan. 25; Serial No. 397,079; published Nov. 16, 1937.
Dresses. Rosenau Bros., Inc. 353,965; Jan. 25; Serial No. 396,798; published Nov. 9, 1937.
Garments, Infants'. John D. Van Allen & Son, Inc. 354,004; Jan. 25; Serial No. 397,595; published Nov. 16, 1937.
Hats, caps, and helmets. Lincoln Bennett & Co. 15,153; re-renewed Jan. 31, 1938.
Hosiery. Knorr Mercantile Co. 353,982; Jan. 25; Serial No. 397,288; published Nov. 16, 1937.
Hosiery, Ladies'. Baker-Meise Hosiery Mills. 354,002; Jan. 25; Serial No. 397,566; published Nov. 16, 1937.
Hosiery, Ladies'. Larkwood Silk Hosiery Mills, Inc. 353,951; Jan. 25; Serial No. 396,196; published Nov. 16, 1937.
Pajamas, Ladies'. Julius Kayser & Co. 353,991; Jan. 25; Serial No. 397,409; published Nov. 16, 1937.
Shirt, Sweat. Oneita Knitting Mills. 353,993; Jan. 25; Serial No. 396,722; published Nov. 16, 1937.
Shoes. Thomas G. Plant Company. 120,627; renewed Feb. 19, 1938.
Suits, coats, overcoats, etc. Maurice L. Rothschild, Incorporated. 353,929; Jan. 25; Serial No. 392,773; published Nov. 16, 1937.
Suits, Men's. Alfred Decker & Cohn, Inc. 353,954; Jan. 25; Serial No. 396,388; published Nov. 16, 1937.
Trunks and gym shorts, Bathing. Calanese Corporation of America. 353,994; Jan. 25; Serial No. 397,469; published Nov. 16, 1937.
Undergarments. Jif-ee-Made Co. 353,942; Jan. 25; Serial No. 395,478; published Nov. 16, 1937.
Vests, sweaters, and sleeveless sweaters for women and girls. Lion Knitting Mills Company. 353,956; Jan. 25; Serial No. 396,540; published Nov. 16, 1937.

CLASS 41

Parasols. Follmer, Clogg & Co. 353,969; Jan. 25; Serial No. 396,912; published Nov. 9, 1937.

CLASS 42

Blankets. American Woolen Company. 354,034; Jan. 25.
Cotton piece goods. Joseph Bancroft & Sons Co. 354,035; Jan. 25.

CLASS 43

Thread and yarn. Manville Jenckes Corporation. 353,974; Jan. 25; Serial No. 397,039; published Nov. 9, 1937.
Yarns, Angora wool. J. A. Weisberger. 353,914; Jan. 25; Serial No. 384,606; published Nov. 16, 1937.

CLASS 44

Anesthetic gas machines. Heidbrink Company. 354,017; Jan. 25; Serial No. 397,805; published Nov. 9, 1937.
Electromedical apparatus. Kny-Scheerer Corporation. 121,719; renewed May 21, 1938.
Dental appliances. Buffalo Dental Manufacturing Company. 354,010; Jan. 25; Serial No. 397,942; published Nov. 9, 1937.
Dental cement. L. D. Caulk Company. 354,026; Jan. 25; Serial No. 397,748; published Nov. 9, 1937.
Dentures. Samuel G. Supplee & Co. 353,978; Jan. 25; Serial No. 397,158; published Nov. 9, 1937.
Orthopedic devices. Burns' Cabadd Co. 354,011; Jan. 25; Serial No. 397,643; published Nov. 9, 1937.
Pacifiers. Julius Schmid, Incorporated. 121,661; renewed May 14, 1938.
Sanitary napkins. Toc's Products Company. 353,924; Jan. 25; Serial No. 391,358; published Nov. 16, 1937.
Ultraviolet equipment, and safety air fixtures. Hanovia Chemical and Manufacturing Company. 353,924; Jan. 25; Serial No. 394,083; published Nov. 9, 1937.
X-ray apparatus. Campbell X-Ray Corporation. 354,039; Jan. 25; Serial No. 396,077; published Nov. 9, 1937.

CLASS 46

Anchovies, capers, and seeded grapes and black olives, Mixture of. J. Brocato. 353,908; Jan. 25; Serial No. 390,785; published Nov. 16, 1937.
Aromatics and essential oils for food flavoring purposes, Synthetic and natural. Fluorgnath Laboratories, Inc. 353,939; Jan. 25; Serial No. 394,747; published Nov. 16, 1937.
Bouillon cubes. Maggi Co. 353,949–50; Jan. 25; Serial Nos. 394,146–7; published Nov. 16, 1937.
Bouillon cubes and granulated bouillon. Maggi Co., Inc. 353,948; Jan. 25; Serial No. 396,145; published Nov. 16, 1937.
Bran, middlings, mixed feed, etc. Loudonville Milling Company. 353,967; Jan. 25; Serial No. 396,822; published Nov. 16, 1937.
Candy. Mars Incorporated. 353,936; Jan. 25; Serial No. 394,465; published Nov. 16, 1937.
Canned lobster. Del Valle Kahnman & Co. 354,012; Jan. 25; Serial No. 397,647; published Nov. 16, 1937.
Canned olives and canned olive oil. V. E. Smith. 353,935; Jan. 25; Serial No. 394,101; published Aug. 10, 1937.
Canned peaches, canned pineapples, canned cut green beans, etc. Northern Jobbing Company. 353,992; Jan. 25; Serial No. 397,414; published Nov. 16, 1937.
Canned pineapple. Arthur Serra & Company. 353,993; Jan. 25; Serial No. 397,424; published Nov. 16, 1937.
Canned product. Lakeside Packing Company. 353,930; Jan. 25; Serial No. 393,178; published Nov. 16, 1937.
Cheese compound. Blue Moon Cheese Products, Inc. 353,907; Jan. 25; Serial No. 375,981; published Nov. 16, 1937.
Crackers. George Weston, Limited. 353,947; Jan. 25; Serial No. 396,055; published Nov. 16, 1937.
Crackers, Soda. Megowen-Educator Food Company. 353,999; Jan. 25; Serial No. 397,544; published Nov. 16, 1937.
Flour, Self-rising. Southern Grocery Stores, Inc. 353,989; Jan. 25; Serial No. 397,386; published Nov. 16, 1937.
Food derived entirely from milk, High calcium. Milk Minerals Co. Inc. 353,981; Jan. 25; Serial No. 397,274. Publication waived.
Food, Dog and cat. P. A. McDonnell. 353,983; Jan. 25; Serial No. 397,293; published Nov. 16, 1937.
Fruit, Fresh. Food Machinery Corporation. 354,015; Jan. 25; Serial No. 397,735; published Nov. 16, 1937.
Fruits, Fresh citrus. Camarillo Citrus Ass'n. 354,007; Jan. 25; Serial No. 397,613; published Nov. 16, 1937.
Fruits, Fresh citrus. McDonald Corporation. 353,952; Jan. 25; Serial No. 396,344; published Nov. 16, 1937.
Fruits, Fresh citrus. McDonald Corporation. 353,953; Jan. 25; Serial No. 396,346; published Nov. 16, 1937.
Fruits, Fresh citrus. O'Bryan & Johnson. 354,000; Jan. 25; Serial No. 397,547; published Nov. 16, 1937.
Gum, Sassafras chewing. P. L. Kelly. 353,910; Jan. 25; Serial No. 381,672; published Nov. 16, 1937.
Lard substitute. Luzon Industrial Corporation. 353,922; Jan. 25; Serial No. 391,136; published Nov. 16, 1937.
Pears and apples, Fresh. Crystal Springs Packing Co. Inc. 353,966; Jan. 25; Serial No. 396,806; published Nov. 16, 1937.
Pectin preparation for making jelly, Powdered. General Desserts Corporation. 353,975; Jan. 25; Serial No. 397,075; published Nov. 16, 1937.
Pickles, chow-chow, sweet and sour onions, etc. Green Bay Food Company. 353,946; Jan. 25; Serial No. 396,035; published Nov. 16, 1937.
Pork butts, Smoked boneless. John Morrell & Co. 353,997; Jan. 25; Serial No. 397,511; published Nov. 16, 1937.
Rice. Rice Growers Association of California. 353,933; Jan. 25; Serial No. 394,553; published Nov. 16, 1937.
Sausage. Oscar Mayer & Co. 353,927; Jan. 25; Serial No. 391,986; published Nov. 16, 1937.
Starch product in solid form, Edible. Food Specialties Company. 353,917; Jan. 25; Serial No. 388,495; published Nov. 16, 1937.

Syrup with caramel coloring, Sugar. Borden Company. 353,957; Jan. 25; Serial No. 396,559; published Nov. 16, 1937.
Vegetable juices, Combination of eight. New England Products, Inc. 354,003; Jan. 25; Serial No. 397,567; published Nov. 16, 1937.

CLASS 47

Wine. Bisceglia Bros. 353,913; Jan. 25; Serial No. 394,236; published Apr. 6, 1937.

CLASS 48

Beer. Oshkosh Brewing Co. 354,037; Jan. 25.

CLASS 49

Liquors, Distilled alcoholic. Compania Ron Daiquiri, S. A. 353,902; Jan. 25; Serial No. 348,015; published July 30, 1935.
Whisky. John A. Wathen Distillery Co. 353,904; Jan. 25; Serial No. 397,107; published Nov. 16, 1937.

LIST OF LABELS

"Black Leaf 40". For Nicotine Sulphate. Tobacco By-Products & Chemical Corporation. 50,609–11; Jan. 25.
"Black Leaf 40". For Nicotine Sulphate. Tobacco By-Products & Chemical Corporation. 50,612–13; Jan. 25.
Fine Footwear. For Footwear. A. C. Clayton Printing Co. 50,599; Jan. 25.
Hygrade Lamps. For Electric Lamps. Hygrade Sylvania Corporation. 50,601; Jan. 25.
Kiss Me Again Mouth Wash. For a Mouth Wash. M. G. Neumann. 50,606; Jan. 25.
Lucky Brown Lemon Vanishing Cream. For a Vanishing Cream. M. G. Neumann. 50,607; Jan. 25.
Lucky Brown One Minute Hair Tonic Treatment. For a Hair Tonic. M. G. Neumann. 50,605; Jan. 25.
Lucky Man Lilac after Shave Lotion. For After Shave Lotion. M. G. Neumann. 50,604; Jan. 25.
Menasha Ice Cream. For Ice Cream. Menasha Products Company. 50,603; Jan. 25.
Miniature Chocolates. For Chocolates. Diggett Chocolate Company. 50,600; Jan. 25.
"Nico-Fume" Tobacco Powder. For Tobacco Powder for Fumigating Greenhouses. Tobacco By-Products & Chemical Corporation. 50,608; Jan. 25.
Old 97. For Fresh Fruits and Vegetables. L. Jones. 50,602; Jan. 25.

LIST OF PRINTS

Silverice. For Glass and Metal Balls Used for Chilling Without Diluting Beer, Wine, Cocktails, Highballs, Etc. Silverice, Inc. 18,667; Jan. 25.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 25TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Baker Yeast, Inc. (See Frenkel, Curtis P., assignor.)
Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Cotton harvester. Re. 20,633; Jan. 25.
Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Size controlling mechanism for boring machines and the like. Re. 20,634; Jan. 25.
Burdette Lock Company. (See Price, James E., assignor.)
Colgate-Palmolive-Peet Company. (See Harris, Benjamin R., assignor.)
Daylight Fluoroscope Corporation. (See Talty, Francis E., assignor.)
Frenkel, Curtis P., assignor to Baker Yeast, Inc., New York, N. Y. Treatment of yeast and the product produced thereby. Re. 20,635; Jan. 25.
Gemmer Manufacturing Company. (See Hammond, C. F., Jr., and Pulleyblank, assignors.)
Hammond, Charles F., Jr., and H. B. Pulleyblank, assignors to Gemmer Manufacturing Company, Detroit, Mich. Worm gear adjustment for steering gears. Re. 20,637; Jan. 25.
Handy & Harman. (See Leach, Robert H., assignor.)
Harris, Benjamin R., Chicago, Ill., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Wetting agents. Re. 20,636; Jan. 25.
Heald Machine Company, The. (See Blood, Harold L., assignor.)
International Harvester Company. (See Benjamin, Bert R., assignor.)
Leach, Robert H., Fairfield, Conn., assignor to Handy & Harman, New York, N. Y. Alloy. Re. 20,638; Jan. 25.
Price, James E., Manhattan Beach, Calif., assignor to Burdette Lock Company. Combined lock and latch. Re. 20,639; Jan. 25.
Pulleyblank, Harper B. (See Hammond, C. F., Jr., and Pulleyblank.)
Stimson, Jonathan C., Chicago, Ill. Luminous display or reflector sign. Re. 20,640; Jan. 25.
Talty, Francis E., Arlington, assignor to Daylight Fluoroscope Corporation, Cambridge, Mass. Fluoroscopic device. Re. 20,641; Jan. 25.

LIST OF DESIGN PATENTEES

Absug, Israel, New York, N. Y. Scarf or similar article. 108,146; Jan. 25.
Alpine, Jay, Brooklyn, N. Y. Snake braid. 108,147; Jan. 25.
American Stove Company. (See Hoffman, Rudolph, assignor.)
Amity Leather Products Co. (See Welch, Herman B., assignor.)
Amster, Gershon, New York, N. Y. Hat. 108,171; Jan. 25.
Anderson Brass Shops, Inc. (See Pehrson, Henry L., assignor.)
Aull, Harry, assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa. Elastic fabric or similar article. 108,062; Jan. 25.
Automotive Lighting Equipment, Inc. (See Burgess, George F., assignor.)
Baldwin Company, The. (See Day, Wilbur M., assignor.)
Bancroft Walker Company. (See Weinstat, Samuel, assignor.)
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Mantel or similar article. 108,136; Jan. 25.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Mantel or similar article. 108,148; Jan. 25.
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Mantel or similar article. 108,149; Jan. 25.
Bautista, Pedro, Brooklyn, N. Y. Combined vanity unit and handbag. 108,150; Jan. 25.
Biel, Edward J., Brookline, Mass. Moccasin or similar article. 108,112; Jan. 25.
Blackhawk Mfg. Co. (See Mandl, Sigmund, assignor.)
Bradley, Eric H., Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Dispensing casing. 108,083; Jan. 25.
Briner, Darrell R., Winchester, Ind., assignor to Parsons Ammonia Company, Inc., New York, N. Y. Bottle. 108,113; Jan. 25.
Brooks, Melvin. (See Patty, W., and Brooks.)
Brown & Bigelow. (See Trollan, Martin E., assignor.)
Brunner, Elmer F., Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tire. 108,097; Jan. 25.
Burgess, George F., assignor to Automotive Lighting Equipment, Inc., New Orleans, La. Combination clearance and side marker lamp for motor vehicles. 108,137; Jan. 25.
Burgess, George F., assignor to Automotive Lighting Equipment, Inc., New Orleans, La. Combination clearance side marker and corner lamp for motor vehicles. 108,064; Jan. 25.
Burrow, Herbert T., assignor to Malleable Iron Range Company, Beaver Dam, Wis. Range. 108,114; Jan. 25.
Cairns, Dorothy, New York, N. Y. Raincoat or similar article. 108,151; Jan. 25.
Cavignac, Frank E., New York, N. Y. Golf ball or the like. 108,065; Jan. 25.
Christen, Marcel, New York, N. Y. Textile fabric or similar article. 108,066; Jan. 25.
Christen, Marcel, New York, N. Y. Textile fabric or similar article. 108,152; Jan. 25.
Clemmons, Herbert D., assignor to Scovill Manufacturing Company, Sturgis, Mich. Valve handle. 108,067; Jan. 25.
Coleman, Tora, New York, N. Y. Dress. 108,187; Jan. 25.
Coleman, Tora, New York, N. Y. Dress. 108,188; Jan. 25.
Coleman, Tora, New York, N. Y. Dress. 108,189; Jan. 25.
Curtis Companies Incorporated. (See Baum, Dwight J., assignor.)
Darrow, Burgess, San Marino, Calif., assignor to Wingfoot Corporation, Wilmington, Del. Tire. 108,068; Jan. 25.
Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 108,069; Jan. 25.
Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 108,070; Jan. 25.
De Benque, Helen, New York, N. Y. Knitted glove. 108,172; Jan. 25.
De Bernard, Henriette, St. Louis, Mo. Blouse. 108,173; Jan. 25.
Di Prestore, Thomas, New York, N. Y. Coat ensemble. 108,174; Jan. 25.
Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Brooch or similar article. 108,115; Jan. 25.
Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Brooch or similar article. 108,116; Jan. 25.
Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Cigarette case or similar article. 108,117; Jan. 25.
Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Brooch or similar article. 108,118; Jan. 25.
Di Verdura, Fulco, assignor to P. E. Flato, New York, N. Y. Watchcase or similar article. 108,119; Jan. 25.
Easy Washing Machine Corporation. (See Little, Thomas J., Jr., assignor.)
Epstein, Louis J., Jersey City, N. J. Shoe. 108,120; Jan. 25.
Etkin, Simon, New York, N. Y. Dress ensemble. 108,190; Jan. 25.
Etkin, Simon, New York, N. Y. Dress ensemble. 108,191; Jan. 25.
Fatherley, Robert E., Darien, Conn., assignor to Yale Fabrics Corp., New York, N. Y. Textile fabric or similar article. 108,176; Jan. 25.
Flato, Paul E. (See di Verdura, Fulco, assignor.)
Flato, Paul E. (See Klety, Adolphe, assignor.)
Florsheim Shoe Company, The. (See Pick, Oswald M., assignor.)
Fracchia, Pauline, New York, N. Y. Dress ensemble. 108,153; Jan. 25.
Fraser, Edwin J., Chicago, Ill. Lantern chimney. 108,071; Jan. 25.
Friedberger-Aaron Manufacturing Company. (See Aull, Harry, assignor.)
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 108,072; Jan. 25.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 108,073; Jan. 25.
Gans, Paul H., New York, N. Y. Bottle or similar container. 108,121; Jan. 25.

Gennaro, Emil L. (See Gennaro, Robert C., V. L., and E. L.)

Gennaro, Robert C., V. L., and E. L., Hazelton, Pa. Bottle. 108,074; Jan. 25.

Gennaro, Vincent L. (See Gennaro, Robert C., V. L., and E. L.)

Gilbert, A. C., Company, The. (See Gilbert, Alfred C., assignor.)

Gilbert, Alfred C., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Structural toy element. 108,098; Jan. 25.

Goldsmith, Samuel R., New York, N. Y. Handbag. 108,122; Jan. 25.

Granat, Joseph, San Francisco, Calif. Multiple gem mounting. 108,123; Jan. 25.

Grasewitz, Jacob, New York, N. Y. Textile fabric. 108,154; Jan. 25.

Greenman, Jack, New York, N. Y. Dress ensemble. 108,192; Jan. 25.

Greenstein, Ben, New York, N. Y. Dress. 108,138; Jan. 25.

Gruen Watch Company, The. (See Katz, Benjamin S., assignor.)

Hall, Mercedes, New York, N. Y. Dress ensemble. 108,193; Jan. 25.

Hammond Instrument Company. (See Stephens, George H., assignor.)

Hansen, Marius H., et al. (See Hanssen, S. L., Olsen, and Schmid, assignors.)

Hanssen, Stan L., A. P. Olsen, and A. A. Schmid, assignors to M. H. Hansen and S. L. Hanssen, Chicago, Ill. Dial housing for a weighing scale. 108,075; Jan. 25.

Hanssen, Stan L., et al. (See Hanssen, S. L., Olsen, and Schmid, assignors.)

Hess, Clarence R. T., Prairie View, assignor to Edward Katzinger Company, Chicago, Ill. Cake turned or similar article. 108,076; Jan. 25.

Hess, Clarence R. T., Prairie View, assignor to Edward Katzinger Company, Chicago, Ill. Batter whip or similar article. 108,077; Jan. 25.

Hess, Clarence R. T., Prairie View, assignor to Edward Katzinger Company, Chicago, Ill. Cake turner or similar article. 108,078; Jan. 25.

Heyman, Herman C., New York, N. Y. Glove. 108,176; Jan. 25.

Higginson, George J., New York, N. Y. Plate or similar article. 108,079; Jan. 25.

Higginson, George J., New York, N. Y. Plate or similar article. 108,080; Jan. 25.

Higier, Julius A., Gloversville, N. Y. Glove. 108,156; Jan. 25.

Hirsutus Laboratories. (See Kahn, Ely J., assignor.)

Hoffman, Rudolph, Rocky River, Ohio, assignor to American Stove Company, St. Louis, Mo. Range. 108,177; Jan. 25.

Horowitz, Solomon, New York, N. Y. Textile fabric. 108,157; Jan. 25.

Hubbing, John D., New York, N. Y. Ribbon. 108,139; Jan. 25.

Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Baking pan. 108,140; Jan. 25.

Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Baking pan. 108,141; Jan. 25.

Jaschke, Alwine, administratrix. (See Jaske, F., and Johnson.)

Jaske, Fred, deceased, Alameda, and C. M. Johnson, San Francisco, Calif.; A. Jaschke administratrix of said F. Jaske. Brooch or similar article. 108,178; Jan. 25.

Jaske, Fred, deceased, Alameda, and C. M. Johnson, San Francisco, Calif.; A. Jaschke administratrix of said F. Jaske. Brooch or similar article. 108,179; Jan. 25.

Johnson, Carl M. (See Jaske, F., and Johnson.)

Johnson, Ross H., Indianapolis, Ind. Longitudinal arch support. 108,099; Jan. 25.

Johnson, Ross H., Indianapolis, Ind. Adjustable metatarsal insole. 108,100; Jan. 25.

Kahn, Ely J., assignor to Hirsutus Laboratories, New York, N. Y. Jar. 108,081; Jan. 25.

Katz, Benjamin S., assignor to The Gruen Watch Company, Cincinnati, Ohio. Display box for rings. 108,082; Jan. 25.

Katzinger, Edward, Company. (See Hess, Clarence R. T., assignor.)

Katzinger, Edward, Company, The. (See Jackson, Joseph G., assignor.)

Kaufman, Benjamin M., New York, N. Y. Textile fabric. 108,180; Jan. 25.

Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Covered jar or similar article. 108,083; Jan. 25.

Kingman, Russell B., Orange, N. J., assignor to Metal Textile Corporation. Doll. 108,084; Jan. 25.

Kingman, Russell B., Orange, N. J., assignor to Metal Texture Corporation. Doll. 108,085; Jan. 25.

Kiety, Adolphe, assignor to P. E. Plato, New York, N. Y. Brooch or similar article. 108,124; Jan. 25.

Koch, Gustav H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Electric fan. 108,142; Jan. 25.

Lang, Josef, Salzburg, Austria, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass. Shoe. 108,101; Jan. 25.

Levy, David, New York, N. Y. Slip or similar article. 108,181; Jan. 25.

Levy, Sidney, New York, N. Y. Blouse. 108,182; Jan. 25.

Libbey Glass Company. (See Fuerst, Edwin W., assignor.)

Litle, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator cap. 108,158; Jan. 25.

Lummis, Leslie A., Jr., Bernardsville, N. J., assignor to Parsons Ammonia Company, Inc., New York, N. Y. Bottle. 108,125; Jan. 25.

Lunts, Dorothy, New York, N. Y. Dress. 108,193; Jan. 25.

Maling, Roy, Boston, Mass. Shoe. 108,126; Jan. 25.

Malleable Iron Range Company. (See Burrow, Herbert T., assignor.)

Mandl, Sigmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Wrench member. 108,143; Jan. 25.

Mandl, Sigmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Wrench or the like. 108,159; Jan. 25.

Marks, Isaac, New York, N. Y. Coat. 108,183; Jan. 25.

Marshall Field & Company. (See Mey, Marcel, assignor.)

McAllister, Harley J., Chicago, Ill. Vacuum cleaner casing. 108,102; Jan. 25.

Metal Textile Corporation. (See Kingman, Russell B., assignor.)

Mey, Marcel, Paris, France, assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 108,086; Jan. 25.

Mey, Marcel, Paris, France, assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 108,087; Jan. 25.

Mey, Marcel, Paris, France, assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 108,088; Jan. 25.

Mey, Marcel, Paris, France, assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 108,089; Jan. 25.

Mey, Marcel, Paris, France, assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 108,090; Jan. 25.

Miller, Henry, New York, N. Y. Suit ensemble. 108,184; Jan. 25.

Mullen, Mary, assignor to Rosenau Bros. Inc., Philadelphia, Pa. Dress. 108,127; Jan. 25.

Noble, Olbert C., assignor to Tygart Valley Glass Company, Washington, Pa. Jar. 108,091; Jan. 25.

Odencrants, Henning, assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 108,129; Jan. 25.

Olsen, Andrew P. (See Hanssen, S. L., Olsen, and Schmid.)

Parsons Ammonia Company. (See Briner, Darrell E., assignor.)

Parsons Ammonia Company. (See Lummis, Leslie A., Jr., assignor.)

Patty, Woodrow and M. Brooks, Santa Fe, N. Mex. House marker. 108,130; Jan. 25.

Pehrson, Henry L., assignor to Anderson Brass Shops, Inc., Rockford, Ill. Drawer pull. 108,092; Jan. 25.

Peters, Henry M., Chicago, Ill. Portable electric lamp. 108,144; Jan. 25.

Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 108,103; Jan. 25.

Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 108,104; Jan. 25.

Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 108,105; Jan. 25.

Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 108,106; Jan. 25.

Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 108,107; Jan. 25.

Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 108,128; Jan. 25.

Pono, Marie, New York, N. Y. Dress. 108,145; Jan. 25.

Pono, Marie, New York, N. Y. Dress. 108,160; Jan. 25.

Presnlaff, Murray, New York, N. Y. Blouse. 108,185; Jan. 25.

Reid, Clarence W., Rochester, N. Y. Scraping tool. 108,131; Jan. 25.

Rosenau Bros. Inc. (See Mullen, Mary, assignor.)

Ross, Walter, New York, N. Y. Textile fabric. 108,161; Jan. 25.

Schlossel, Philip, New York, N. Y. Dress. 108,162; Jan. 25.

Schmid, Albert A. (See Hanssen, S. L., Olsen, and Schmid.)

Scovill Manufacturing Company. (See Clemmons, Herbert D., assignor.)

Shedlin, Nan S., New York, N. Y. Dress. 108,194; Jan. 25.

Shedlin, Nan S., New York, N. Y. Dress. 108,195; Jan. 25.

Shedlin, Nan S., New York, N. Y. Dress. 108,196; Jan. 25.

Smith, Marie E., New York, N. Y. Dress ensemble. 108,163; Jan. 25.

Smith, Marie E., New York, N. Y. Dress ensemble. 108,164; Jan. 25.

Smith, Marie E., New York, N. Y. Dress. 108,197; Jan. 25.

Snyder, Hannah, New York, N. Y. Dress ensemble. 108,198; Jan. 25.

Snyder, Hanna, New York, N. Y. Dress. 108,199; Jan. 25.

Springer, Hans, New York, N. Y. Slipper or similar article. 108,132; Jan. 25.

Stephens, George H., Glencoe, assignor to Hammond Instrument Company, Chicago, Ill. Electric organ. 108,133; Jan. 25.

Stephens, Roscoe, Folsom City, Calif. File. 108,165; Jan. 25.

Stetson Shoe Company, The. (See Lang, Josef, assignor.)

Summers, Lottie M., Dayton, Ohio. Bead sign. 108,166; Jan. 25.

Summers, Lottie M., Dayton, Ohio. Bead sign. 108,109; Jan. 25.

Trickle, Ross H., Newark, Ohio. Barber's cabinet or similar article. 108,110; Jan. 25.

Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Pencil. 108,111; Jan. 25.

Turpan, Mark, West New York, N. J. Textile fabric. 108,186; Jan. 25.

Turpan, Mark, West New York, N. J. Textile fabric. 108,187; Jan. 25.

Tygart Valley Glass Company. (See Noble, Olbert C., assignor.)

United States Glass Company. (See Kelly, Robert A., assignor.)

Valley Shoe Corporation. (See Odencrants, Henning, assignor.)

Weinstat, Samuel, New York, N. Y., assignor to Bancroft Walker Company, Waltham, Mass. Shoe. 108,134; Jan. 25.

Welch, Herman B., assignor to Amity Leather Products Co., West Bend, Wis. Billfold. 108,135; Jan. 25.

Welch, Herman B., assignor to Amity Leather Products Co., West Bend, Wis. Billfold. 108,168; Jan. 25.

Werber, Samuel M., University City, Mo. Dress. 108,169; Jan. 25.

Westinghouse Electric & Manufacturing Company. (See Koch, Gustav H., assignor.)

White, Clarence J., Peoria, Ill. Support for floral displays. 108,093; Jan. 25.

Wilson, Fred G., Brooklyn, N. Y. Combined beverage cooler and dispenser. 108,094; Jan. 25.

Wingfoot Corporation. (See Darrow, Burgess, assignor.)

Wingfoot Corporation. (See Brenner, Elmer F., assignor.)

Wood, John, Manufacturing Company. (See Bradley, Eric H., assignor.)

Yale Fabrics Corp. (See Fatherley, Robert H., assignor.)

Young, Douglas, Inc. (See Young, Lewis D., assignor.)

Young, Lewis D., Providence, R. I., assignor to Douglas Young, Inc. Display box. 108,136; Jan. 25.

Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 108,170; Jan. 25.

Zellweger, Gustav, Palisades, N. J. Lace fabric or similar article. 108,095; Jan. 25.

Zellweger, Gustav, Palisades, N. J. Lace insert or similar article. 108,096; Jan. 25.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 25TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Ash, William, New Ulm, Minn. Valve refacing tool. 2,106,201; Jan. 25.

Adams, Charles F., New York, N. Y. Vacuum and pressure filling apparatus for fluid, plastic, or various other materials. 2,106,492; Jan. 25.

Adamson, Seth, Larchmont, assignor to United States Rubber Products, Inc., New York, N. Y. Trousers. 2,106,324; Jan. 25.

Addressograph-Multigraph Corporation. (See Wescott, William B., assignor.)

Agfa Ansco Corporation. (See Goldhammer, L., and Frost, assignors.)

Ahrenholtz, Charles, Highland Park, assignor of one-half to H. P. Lieberthal, Chicago, Ill. Arch support. 2,106,202; Jan. 25.

Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure controlled clutch. 2,106,472; Jan. 25.

Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake and clutch control device. 2,106,473; Jan. 25.

Ajax Electric Furnace Corporation. (See Howard, K. S., and Loche, assignors.)

Akins, Randall P., Denver, Colo. Ore concentrator. 2,106,290; Jan. 25.

Aktiebolaget Kemiska Patenter. (See Nordengren, Sven G., assignor.)

Aktiengesellschaft Brown Boveri & Cie. (See Gaudenzi, Arthur, assignor.)

Alco Valve Company. (See Thompson, Parke H., II, assignor.)

All Metal Products Company. (See Brethen, C. A., and Gora, assignors.)

Allegheny Steel Company. (See Scharschu, C. A., and Kiefer, assignors.)

Allen, James R., Glendale, Calif. Advertising apparatus. 2,106,335; Jan. 25.

Allis-Chalmers Manufacturing Company. (See Ring, J. J., Nichols, and Pfau, assignors.)

Allison, William D., assignor to Hudson Motor Car Company, Detroit, Mich. Wheel suspensions. 2,106,291; Jan. 25.

Allison, William M., New York, N. Y. Effecting bactericidal action by the aid of chlorine. 2,106,513; Jan. 25.

Alphin, Gilbert E., Mount Olive, N. C. Window fixture. 2,106,420; Jan. 25.

Altvater, Arthur W., University City, Mo. Ornamenting device. 2,106,312; Jan. 25.

Aluminum Company of America. (See Keller, F., and Hastings, assignor.)

American Can Company. (See Hothersall, John M., assignor.)

American Hardware Corporation, The. (See Bernhard, Benjamin S., assignor.)

American Lurgi Corporation. (See Schober, Oskar, assignor.)

American Optical Company. (See Splaine, Edward M., assignor.)

American Smelting and Refining Company. (See Lindner, Karl A., assignor.)

American Telephone and Telegraph Company. (See Swart, Leland K., assignor.)

Amrine, Leclare H., assignor to Imperial Molded Products Corporation, Chicago, Ill. Cover and applicator. 2,106,313; Jan. 25.

Anastasakis, Steve, Clarksburg, W. Va. Water motor. 2,106,264; Jan. 25.

Anderson, Carl J. H., Newark, Del. Binding books. 2,106,419; Jan. 25.

Andersen, Frithiof B., Bloomfield, N. J., C. O. Mallinckrodt, Forest Hills, N. Y., and A. L. Stillwell, Westfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage or gain control. 2,106,336; Jan. 25.

Anderson, W. Charles, Linden, Calif. Maintaining chestnuts in prime condition. 2,106,314; Jan. 25.

Anderson, John C. (See Frost, P. F., and Anderson.)

Anemostat Corporation of America. (See Kurth, Frans J., assignor.)

Angelieux, Pierre, and J. M. Gutmann, Paris, France. Optical adjusting device for cinematographic apparatus. 2,106,307; Jan. 25.

Anheuser-Busch, Incorporated. (See Winter, Henry G., assignor.)

Anstice, Josiah, & Co. Inc. (See Browne, Lindsay H., assignor.)

Appel, Oscar J., Paterson, N. J. Oil burner. 2,106,265; Jan. 25.

Appleton Electric Company. (See Tornblom, Nils A., assignor.)

Ashe, Marcellus T., Garden City, N. Y. Frame for advertising cards. 2,106,203; Jan. 25.

Atlas Powder Company. (See Power, J. T., and Brown, assignors.)

Auld, James E., Coconut Grove, Fla. Window operating device. 2,106,369; Jan. 25.

Autographic Register Company. (See Brenn, Carl W., assignor.)

Automatic Temperature Control Co. (See Wilhjelm, Christian, assignor.)

Bausch-Ross Tool Company. (See Brown, Ora A., assignor.)

Badertscher, Dana K., assignor to Hudson Motor Car Company, Detroit, Mich. Vacuum controlled transmission. 2,106,292; Jan. 25.

Baehr, Hans, and W. Wensel, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Removal of gaseous weak acids from gases containing the same. 2,106,446; Jan. 25.

Baker, Job D., Gilbertville, Mass., assignor to Sullivan Machinery Company. Punching mechanism. 2,106,160; Jan. 25.

Baker-Raulang Company, The. (See Hawkins, Paul E., assignor.)

Baldwin, James L., Oak Park, Ill. Double belt carrier. 2,106,514; Jan. 25.

Balke, Clarence W., Highland Park, assignor to Ramet Corporation of America, North Chicago, Ill. Hard alloys. 2,106,161; Jan. 25.

Balke, Clarence W., Highland Park, assignor to Ramet Corporation of America, North Chicago, Ill. Hard alloys. 2,106,162; Jan. 25.

Barnes Drill Co. (See Johnson, Albert M., assignor.)

Barnett, Lawrence T. (See Giles, George A., assignor.)

Barr, Henry T. (See Sweeney, Benjamin F., assignor.)

Barrett, Joseph M., East Cleveland, Ohio. Humidity and air cooling machine. 2,106,590; Jan. 25.

Barsky, George, New York, N. Y., G. Klinkenstein, Maplewood, and Kohleder, Newark, N. J., and C. F. Silleck, Brooklyn, N. Y., assignors to C. J. Osborne Co., New York, N. Y., and Maas & Waldstein Co., Newark, N. J. Pigmented composition. 2,106,447; Jan. 25.

Barton, William K. (See Pattison, H. J., and Barton.)

Bartusch, Alexander P., Lockport, N. Y. Drawing instrument. 2,106,398; Jan. 25.

Bassick Company, The. (See Herold, Walter F., assignor.)

Bate, Russell O., Macedonia, Ohio. Chick feed trough. 2,106,266; Jan. 25.

Bates, Harry H., and W. O., Jr., Joliet, Ill. Safety razor. 2,106,587; Jan. 25.

Bates, William O., Jr. (See Bates, H. H., and W. O., Jr.)

Bates, Lloyd G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass feeding apparatus. 2,106,545; Jan. 25.

Bath, Wilmer H., West Conshohocken, assignor to The Sharples Specialty Company, Philadelphia, Pa. Centrifugal machine. 2,106,688; Jan. 25.

Baughman, George W., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Acceleration control system. 2,106,474; Jan. 25.

Bausch & Lomb Optical Company. (See Eppenstein, Otto, assignor.)

Bausch & Lomb Optical Company. (See Freund, Otto, assignor.)

Beaumont, Charles A., Decatur, and F. Sherritt, Chicago, Ill. Safety tread. 2,106,390; Jan. 25.

Beechlyn, John T., assignor to O. S. Walker Co. Inc., Worcester, Mass. Portable demagnetiser. 2,106,233; Jan. 25.

Beiter, Frank, Long Island City, N. Y. Hair clip. 2,106,561; Jan. 25.

Bell, Alfred B., Philadelphia, Pa. Printer's type cabinet. 2,106,163; Jan. 25.

Bell Telephone Laboratories, Incorporated. (See Anderson, F. B., Mallinckrodt, and Stillwell, assignors.)

Bell Telephone Laboratories, Incorporated. (See Black, Harold S., assignor.)

Bell Telephone Laboratories, Incorporated. (See Doba, Stephen, Jr., assignor.)

Bell Telephone Laboratories, Incorporated. (See Field, Joseph C., assignor.)

Bell Telephone Laboratories, Incorporated. (See Flegal, J. R., and Priesman, assignors.)

Bell Telephone Laboratories, Incorporated. (See Hickman, C. N., and Kingsbury, assignors.)

Bell Telephone Laboratories, Incorporated. (See Kinkead, Fullerton S., assignor.)

Bell Telephone Laboratories, Incorporated. (See Low, Frank K., assignor.)

Bell Telephone Laboratories, Incorporated. (See Marshall, Viola A., assignor.)

Bell Telephone Laboratories, Incorporated. (See Raymond, Ralph, assignor.)

Benander, George W., Maryville, assignor to Monowatt Electric Corporation, Bridgeport, Conn. Electric receptacle. 2,106,595; Jan. 25.

Benjamin Electric Mfg. Company. (See McBroom, Clyde V., assignor.)

Berglund, Emil, et al. (See Milnes, Harold, assignor.)

Bernhard, Benjamin S., Boston, Mass., assignor to The American Hardware Corporation, New Britain, Conn. Hold open device. 2,106,448; Jan. 25.

Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Folding machine and [illegible] to which said machine may be applied. 2,106,[illegible]; Jan. 25.

Besson, Earl A., Maplewood, and C. H. Pepin, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in the manufacture of woven material. 2,106,207; Jan. 25.

Bigger, Trafford W., and F. L. Hargrove, Schenectady, N. Y., assignors to General Electric Company. Boiler drum. 2,106,589; Jan. 25.

Billstein, Arthur M. P. (See Grindall, W. H., and Billstein.)

Bishop, Mark. (See Fletcher, H., Bishop, and Jones.)

Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,106,237; Jan. 25.

Black, William A., Mendelsir, N. J., assignor to United Research Corporation, Long Island City, N. Y. Flywheel clutch mechanism. 2,106,336; Jan. 25.

Blake, William H., Brooklyn, N. Y. Mechanical pencil. 2,106,389; Jan. 25.

Bocji Corporation, trustee. (See Jenkins, Clarence E., assignor.)

Bodge, Horace A., White Plains, N. Y. Ball driving device. 2,106,625; Jan. 25.

Boegehold, Alfred L., Detroit, and A. W. Schlechter, Dearborn, assignors to General Motors Corporation, Detroit, Mich. Bearing and method. 2,106,560; Jan. 25.

Bowlby, Walter D., Jersey City, N. J., assignor to Egyptian Lacquer Manufacturing Company. Coated flexible sheet. 2,106,164; Jan. 25.

Boyd, Charles R., Chicago, Ill. Spark plug. 2,106,449; Jan. 25.

Brace, Lemper P., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Control. 2,106,450; Jan. 25.

Bradshaw, James B. (See Erickson, Prentis E., assignor.)

Brandwein, Edward G., assignor to Crystal Tube Mfg. Co., Chicago, Ill. Container for cigars or the like. 2,106,475; Jan. 25.

Brasseltos, Chester H., New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J. Incandescent electric lamp. 2,106,680; Jan. 25.

Braun, Sylvan, and F. P. Hess, assignors to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Food chopper. 2,106,626; Jan. 25.

Bray, Ulric E., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Solvent extraction of oils. 2,106,224; Jan. 25.

Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding. 2,106,165; Jan. 25.

Brennan, John H., Minneapolis, Minn. Spraying device. 2,106,627; Jan. 25.

Brethen, Charles A., Wyandotte, and J. Gora, Ecorse, assignors to All Metal Products Company, Wyandotte, Mich. Toy pistol. 2,106,469; Jan. 25.

Bridgeport Brass Company. (See Broecker, Lewis C., assignor.)

Brigxman, Harold F., and R. A. Fuller, Fort Wayne, Ind., assignors to General Electric Company. Refrigerating system. 2,106,591; Jan. 25.

Briggs Manufacturing Company. (See Pattison, H. J., and Barton, assignors.)

Briggs Manufacturing Company. (See Tjaarda, John, assignor.)

Brill, J. G., Company, The. (See Henry, Eugene E., assignor.)

Brinard, Maxime J., San Francisco, Calif. Varnish and paper drying machine. 2,106,339; Jan. 25.

Broecker, Lewis C., assignor to Bridgeport Brass Company, Bridgeport, Conn. Tire and valve stem. 2,106,673; Jan. 25.

Brooks, Howard L., and H. F. Macintyre, assignors to Furro Enameling Company, Oakland, Calif. Building construction. 2,106,215; Jan. 25.

Brosseau, Joseph E., West Chicago, and F. J. Kerber, Chicago, Ill.; said Kerber assignor to said Brosseau. Control device. 2,106,559; Jan. 25.

Brown, Archibald M., assignor to The Firestone Steel Products Company, Akron, Ohio. Apparatus for assembling spark plugs. 2,106,451; Jan. 25.

Brown Instrument Company, The. (See Harrison, Thos. R., assignor.)

Brown, Kenneth E. (See Power, J. T., and Brown.)

Brown, Ora A., South Gate, assignor to Bausch-Ross Tool Company, Los Angeles, Calif. Releasing spear. 2,106,235; Jan. 25.

Browne, Lindsay H., assignor, by mesne assignments, to Josiah Anstice & Co. Inc., Rochester, N. Y. Motor car control device. 2,106,401; Jan. 25.

Brusam, Herman A., and L. W. Covert, assignors to Röhm & Haas Company, Philadelphia, Pa. Reaction product and process. 2,106,452; Jan. 25.

Bryan, Clare, Chicago, Ill. Fishhook. 2,106,370; Jan. 25.

Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,106,476; Jan. 25.

Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,106,477; Jan. 25.

Bucci, Marc A., Hoboken, N. J. Milking cow toy. 2,106,562; Jan. 25.

Bucyrus-Erie Company. (See Ruhloff, Frederic C., assignor.)

Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)

Buffalo Electric Furnace Corporation. (See Sell, Gilbert E., assignor.)

Bulldog Electric Products Company. (See Thomson, Alfred J., assignor.)

Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel. 2,106,270; Jan. 25.

Burks, Byron R., Los Angeles, Calif. Compressor. 2,106,236; Jan. 25.

Burnell, Edward J., and W. J. Heacock, assignors to Link-Belt Company, Chicago, Ill. Wash box discharge control. 2,106,204; Jan. 25.

Busch, Conrad J., Wyomissing, assignor to The Narrow Fabric Company, West Reading, Pa. Method and apparatus for producing braid. 2,106,674; Jan. 25.

Bush, Eugene S., assignor to Bush Manufacturing Company, St. Louis, Mo. Engine blower drive and control. 2,106,237; Jan. 25.

Bush Manufacturing Company. (See Bush, Eugene S., assignor.)

Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway car door structure. 2,106,168; Jan. 25.

Byers, Thomas A., Spokane, Wash. Speed control device. 2,106,493; Jan. 25.

Cahn, Bernard, San Diego, Calif. Garment hanger. 2,106,563; Jan. 25.

Calco Chemical Company, The. (See Munro, W. P., Northey, and Locher, assignors.)

Callo, Alexander. (See Gerngross, O., and Callo.)

Canfield, Robert W., and T. Waugh, West Hartford, assignors to Hartford-Empire Company, Hartford, Conn. Apparatus for forming glassware. 2,106,546; Jan. 25.

Canfield, Robert W., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Glass melting furnace. 2,106,547; Jan. 25.

Carlesimo, Angelo, Detroit, Mich. Pull shovel excavator. 2,106,402; Jan. 25.

Carr, Raymond L., Boston, Mass. Vehicle body. 2,106,403; Jan. 25.

Carthage Mills Incorporated. (See Greiser, Melvin R., assignor.)

Celanese Corporation of America. (See Dreyfus, C., and Schneider, assignors.)

Celanese Corporation of America. (See Whitehead, William, assignor.)

Cen-Tennial Cotton Gin Company. (See Roberts, Hugh, Jr., assignor.)

Central Metallic Casket Co. (See Larson, Raymond, assignor.)

Cheney, Allan, Cynwyd, Pa. Shower bath and pan. 2,106,516; Jan. 25.

Chicago Railway Equipment Company. (See Busse, Edwin G., assignor.)

Christensen, Norman V., C. F. Rubel, C. C. Smith, Chicago, and H. J. LeVeaconte, Western Springs, assignors to Union Special Machine Company, Chicago, Ill. Fabric feeding mechanism for sewing machines. 2,106,517; Jan. 25.

Christenson, George, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Packing material and assembly. 2,106,293; Jan. 25.

Cherry-Burrell Corporation. (See Conovet, Walter K., assignor.)

Chubbuck, Charles L., San Marino, Calif. Making dry lime sulphur compositions. 2,106,294; Jan. 25.

Clark Equipment Company. (See Burger, Frederick W., assignor.)

Cleveland Pneumatic Tool Company, The. (See Wallace, John F., assignor.)

Coca-Cola Company, The. (See Morin, Louis H., assignor.)

Coleman, Sheldon, and B. W. Tullis, Wichita, Kans. Odor control for liquid fuel burning stoves. 2,106,690; Jan. 25.

Colman, Howard D., Rockford, Ill. Self-adjusting brake. 2,106,167; Jan. 25.

Colonial Broach Company. (See Halborg, Carl J., assignor.)

Compo, John J., Defiance, Ohio. Muffler clamp. 2,106,628; Jan. 25.

Connor, Kirke W., Detroit, Mich., assignor to Micromatic Hone Corporation. Unit abrading element. 2,106,205; Jan. 25.

Conover, Walter K., New Castle, Pa., assignor to Cherry-Burrell Corporation, Chicago, Ill. Valve. 2,106,340; Jan. 25.

Continental Can Company. (See Punte, William F., assignor.)

Consetti, Achille, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Manufacture of colored lacquers and coating compositions. 2,106,518; Jan. 25.

Consetti, Achille, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Manufacture of colored lacquers and film forming coatings. 2,106,519; Jan. 25.

Cook, Robert V., assignor to Fairbanks, Morse & Company, Chicago, Ill. Evaporator. 2,106,295; Jan. 25.

Cooke, Allen B., Danville, Ill., assignor to United Autographic Register Co. Refolding mechanism for duplicating machines. 2,106,520; Jan. 25.

Cooper, Francis W., assignor to The Stead Rail Anchor Company, Limited, Montreal, Quebec, Canada. Rail anchor. 2,106,548; Jan. 25.

Copeland, L. T., et al., administrators. (See Hunter, Percy E.)

Cornell-Dubilier Corporation. (See Deeley, Paul McK., assignor.)

Corning Glass Works. (See Hood, Harrison P., assignor.)

Corning Glass Works. (See Hostetter, John C., assignor.)

Cosma Laboratories Company, The. (See Hower, Charles C., assignor.)

Coulter, Harold B., Mamaroneck, assignor to The Dorr Company, Inc., New York, N. Y. Classifier. 2,106,549; Jan. 25.

Covert, Lloyd W. (See Bruson, H. A., and Covert.)

Cox, Walter T., Chicago, Ill. Merchandising package. 2,106,629; Jan. 25.

Cox, William J., Woodruff, Utah. Circumferentially divided wheel rim. 2,106,421; Jan. 25.

Crane, Edward F., assignor to Norman E. Crane, Newark, N. J. Building board. 2,106,390; Jan. 25.

Crane, Norman E. (See Crane, Edward F., assignor.)

Crossen, Robert W., Jr., Plainfield, and H. Somervell, Evanston, assignors to Farrell Manufacturing Company, Joliet, Ill. Tank vehicle. 2,106,206; Jan. 25.

Crossley, Alfred, and H. E. Meinema, assignors to Johnson Laboratories, Inc., Chicago, Ill. Automatic volume control system. 2,106,207; Jan. 25.

Crystal Tube Mfg. Co. (See Brandwein, Edward G., assignor.)

Curran, Edward N., assignor to H. Richards, St. Louis, Mo. Demonstrating device. 2,106,478; Jan. 25.

Cutler, Frank W., Portland, Oreg., assignor to Food Machinery Corporation, San Jose, Calif. Fruit sizer. 2,106,541; Jan. 25.

Dahl, Fred, Clear Lake, S. Dak. Combined table and ironing board. 2,106,422; Jan. 25.

Dallas, Robert M., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Stay-plaiting mechanism for blank-making machines. 2,106,271; Jan. 25.

Deanesly, Richard M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Continuous method of reacting liquid reagents. 2,106,521; Jan. 25.

Deans, Arthur C., Los Angeles, Calif. Luminous tube display. 2,106,238; Jan. 25.

Debor, Hermann, Munich, Germany, assignor to Dominion Oxygen Company, Limited. Hollow vessel for high pressures. 2,106,494; Jan. 25.

Debor, Hermann, Munich, Germany, assignor to Dominion Oxygen Company, Limited. Making pressure vessels. 2,106,495; Jan. 25.

Debor, Hermann, Munich, Germany, assignor to Dominion Oxygen Company, Limited. Making containers. 2,106,496; Jan. 25.

Deeley, Paul M., assignor to Cornell-Dubilier Corporation, New York, N. Y. Electrolytic device. 2,106,208; Jan. 25.

De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,106,239; Jan. 25.

De Groote, Melvin, St. Louis, and B. Keiser, assignors to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,106,240; Jan. 25.

De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,106,241; Jan. 25.

De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,106,242; Jan. 25.

De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,106,243; Jan. 25.

De Groote, Melvin, St. Louis, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,106,244; Jan. 25.

De Lavaud, Dimitri S., Paris, France. Hydraulic transmission. 2,106,423; Jan. 25.

Delta Electric Company. (See Wiley, Lee M., assignor.)

Demonet, Eugene A., Brooklyn, assignor to The Western Union Telegraph Company, New York, N. Y. Printing telegraph system. 2,106,691; Jan. 25.

Demuth, Clinton L., Forest Hills, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,106,316; Jan. 25.

Denlston, Robert F., Mount Vernon, Ill., and W. P. Hawthorne, Augusta, Kans., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for determining the dew point of a vapor product. 2,106,593; Jan. 25.

Denny, Alfred S., Hopewell, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Production of alkali metal nitrates. 2,106,168; Jan. 25.

De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,106,497; Jan. 25.

Desendorf, Edwin M., Austin, Tex. Changing the color of natural stone. 2,106,317; Jan. 25.

Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Liquid pressure mechanism. 2,106,592; Jan. 25.

Dinnerville, Walter, assignor to Western Railroad Supply Company, Chicago, Ill. Apparatus for controlling a waving crossing signal. 2,106,594; Jan. 25.

Dixon, Joseph, Crucible Company. (See Shonnard, Orlando D., assignor.)

Doba, Stephen, Jr., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge tube circuits. 2,106,342; Jan. 25.

Doering, Charles and H., Chicago, Ill. Method of and apparatus for removing foreign matter from liquids. 2,106,630; Jan. 25.

Doering, Henry. (See Doering, Charles and H.)

Dominion Oxygen Company. (See Debor, Hermann, assignor.)

Dopheide, Hans. (See Pritschow, K., and Dopheide.)

Dorey, George B. (See Harel, Olivier A., assignor.)

Dorey, George B., Westmount, Quebec, Canada. Resilient brake connection. 2,106,343; Jan. 25.

Dorr Company, The. (See Coulter, Harold B., assignor.)

Downward, Leslie W., assignor to The Downward Turbine Corporation, Wilmington, Del. Rotary steam engine. 2,106,371; Jan. 25.

Downward Turbine Corporation. (See Downward, Leslie W., assignor.)

Draper Corporation. (See Tutas, James M., assignor.)

Draving, Arthur M., assignor to H. H. Eby, Inc., Philadelphia, Pa. Electrical terminal. 2,106,595; Jan. 25.

Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Film and sheet of organic derivatives of cellulose. 2,106,296; Jan. 25.

Dreyfus, Henry, London, England. Manufacture and use of cellulose derivatives. 2,106,297; Jan. 25.

Dreyfus, Henry, London, England. Treatment of materials. 2,106,298; Jan. 25.

Duff, John, Jr., New Bedford, Mass. Delivery nozzle. 2,106,596; Jan. 25.

Du Pont, E. I., de Nemours & Company. (See Kreimeier, Oscar R., assignor.)

Du Pont, E. I., de Nemours & Company. (See Magill, Paul L., assignor.)

Du Pont, E. I., de Nemours & Company. (See Tanner, Walton B., assignor.)

Duraj, Stanley, Russelton, Pa. Plate lifter. 2,106,391; Jan. 25.

Earnshaw Knitting Company. (See Le Coney, Joseph H., assignor.)

Eby, Hugh H., Inc. (See Draving, Arthur M., assignor.)

Edeby, John A., et al. (See Nilson, Harold, assignor.)

Edge, Charles N., Parsonage Point, Rye, N. Y. Sailboat. 2,106,209; Jan. 25.

Egyptian Lacquer Manufacturing Company. (See Bowlby, Walter D., assignor.)

Einfalt, Georg, Nuremberg, Germany. Traffic-line toy. 2,106,424; Jan. 25.

Ekdahl, Edward B., Irvington, assignor to Sefco, Inc., Newark, N. J. Portable strainer for insertion in the mouths of liquid containers. 2,106,453; Jan. 25.

Elektricitätsgesellschaft "Sanitas". (See Hofmann, Joseph, assignor.)

Elektricitätsgesellschaft "Sanitas" G. m. b. H. (See Hofmann, Josef, assignor.)

Elliott Addressing Machine Company, The. (See Elliott, Harmon P., assignor.)

Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Repeat printing attachment for addressing machines. 2,106,675; Jan. 25.

Elliott, Mary J. (See Elliott, Roy D. and M. J.)

Elliott, Roy D. and M. J., Jersey City, N. J. Filtering. 2,106,318; Jan. 25.

Ellis, Carlton, Montclair, N. J., assignor to Ellis-Foster Company. Triethanolamine resin. 2,106,522; Jan. 25.

Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Complex resinous body and making same. 2,106,523; Jan. 25.

Ellis-Foster Company. (See Ellis, Carleton, assignor.)

Ellsworth, Joe R. (See Jones, L. T., and Ellsworth.)

Elsey, G. W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Shock absorber. 2,106,272; Jan. 25.

Embleton, Rowland, Swinton, England, assignor to General Electric Company. Gas-arc torch. 2,106,692; Jan. 25.

Enock, Arthur G., Wembley Park, England. Mechanism for raising bottles on to the table of a bottle filling and capping machine. 2,106,210; Jan. 25.

Enterprise Manufacturing Company of Pennsylvania, The. (See Braun, S., and Hess, assignors.)

Eppenstein, Otto, Jena, Germany, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y. Stereoscopic range finder having stationary measuring marks. 2,106,631; Jan. 25.

Erickson, Prentis E., assignor to J. B. Bradshaw, Minneapolis, Minn. Automobile steering wheel. 2,106,169; Jan. 25.

Evans, Richard B. (See Parton, D. W., and Evans.)

Ewing, Wylie B., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Composite pipe. 2,106,404; Jan. 25.

Esaki, Seiichi, Nishiyodogawa-Ku, Osaka, Japan. Producing powdered cocoa substitution. 2,106,372; Jan. 25.

F. N. F. Limited. (See Merton, J., and Hannay, assignor.)

Faber & Schleicher, A. G. (See Wermser, Arthur, assignor.)

Fairbanks, Morse & Company. (See Cook, Robert V., assignor.)

Farrell Manufacturing Company. (See Crossen, R. W., Jr., and Somervell, assignors.)

Faville, Frederick A., Chicago, Ill. Testing lubricants. 2,106,170; Jan. 25.

Federighi, George J., San Francisco, Calif. Handwheel for grinders. 2,106,319; Jan. 25.

Ferguson, John S., Schenectady, N. Y., assignor to General Electric Company. Catalytic material and making the same. 2,106,297; Jan. 25.

Fer-O-Con Corporation. (See Kitrbaty, Guy F., assignors.)

Ferro Enameling Company. (See Brooks, H. L., and MacIntyre, assignors.)

Fessler, Albra H., Flint, assignor to General Motors Corporation, Detroit, Mich. Ceramic compositions and making the same. 2,106,598; Jan. 25.

Fibreboard Products, Inc. (See Lewis, Boyd R., assignor.)

Fidelity Trust Company et al., administrators. (See Hunter, Percy E.)

Field, Joseph C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective signal system. 2,106,466; Jan. 25.

Field, Oscar S., and J. B. Willing, assignors to General Railway Signal Company, Rochester, N. Y. Highway crossing signaling system. 2,106,602; Jan. 25.

Finch, William G. H., New York, N. Y. Manufacture of newspaper sound record supplements. 2,106,245; Jan. 25.

Firestone Steel Products Company, The. (See Brown, Archibald M., assignor.)

Firestone Tire & Rubber Company, The. (See Stevens, Horace D., assignor.)

Fitz, Leonard M., and L. B. Logan, Topeka, Kans. Current diversion means. 2,106,584; Jan. 25.

Fitch, Ellery E., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,106,479; Jan. 25.

Fitch, Ellery E., Irwin, and G. T. McClure, McKeesport, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,106,480; Jan. 25.

Flegal, John R., New York, N. Y., and N. Y. Priesman, Wyoming, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical device. 2,106,344; Jan. 25.

Fleming, Howard M., West Orange, assignor to Gardner Company, Orange, N. J. Register. 2,106,273; Jan. 25.

Fogelson, Emil, Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Flexing machine. 2,106,171; Jan. 25.

Food Machinery Corporation. (See Cutler, Frank W., assignor.)

Food Machinery Corporation. (See Twomley, Herbert E., assignor.)

Fossa, Joseph, Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for lacing shoe uppers. 2,106,320; Jan. 25.

Fourness, Charles A., Appleton, assignor to Paper Patents Company, Neenah, Wis. Wedding. 2,106,246; Jan. 25.

Fourness, Girard, Hollywood, Calif. Telephone switch. 2,106,200; Jan. 25.

Fowler, Anna. (See Schmitt, Paula F., assignor.)

Francisco, Ferris L., New York, N. Y. Cigarette package and blank or wrapper therefor. 2,106,480; Jan. 25.

Frank, William H., Detroit, Mich. Electrical distribution system. 2,106,565; Jan. 25.

Franklin, Lawrence W., Delawanna, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Home record cut-out assembly. 2,106,693; Jan. 25.

Franklin Steel Works. (See Long, George, assignor.)

Frayer, Lee A., and C. L. Harvey, Kent, assignors to The Lamson & Sessions Company, Cleveland, Ohio. Apparatus for cutting bar stock. 2,106,274; Jan. 25.

Frayer, Lee A., Kent, assignor to The Lamson & Sessions Company, Cleveland, Ohio. Feed and cut-off mechanism. 2,106,275; Jan. 25.

Frede, Charles F., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Axle structure. 2,106,345; Jan. 25.

Freund, Otto, Jena, Germany, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y. Supplementary device for binocular range finders. 2,106,632; Jan. 25.

Frost, Paul. (See Goldhammer, L., and Frost.)

Frost, Parmenas F., Mount Vernon, N. Y., and J. C. Anderson, Keyport, N. J. Wire coiling and interweaving mechanism. 2,106,454; Jan. 25.

Frost Veneer and Plywood Company. (See Thomas, Francis C. O., assignor.)

Fuller, Roger A. (See Briggeman, H. F., and Fuller.)

G. M. S. Corporation. (See Sloan, Theodore H., assignor.)

Gair, Robert, Company. (See Hughes, Hector P., assignor.)

Gardner Company. (See Fleming, Howard M., assignor.)

Garriott, Carl D., Eagle City, Okla. Cable and pipe clutch. 2,106,373; Jan. 25.

Gaudenzi, Arthur, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Electron discharge device control system. 2,106,524; Jan. 25.

Gaylor, Peter J. (See Young, P. L., and Wiesevich.)

Geigy, J. R., A. G. (See Consetti, Achille, assignor.)

General Aniline Works, Inc. (See Schnitzspahn, Karl, assignor.)

General Electric Company. (See Bigger, T. W., and Hargrove, assignors.)

General Electric Company. (See Briggeman, H. F., and Fuller, assignors.)

General Electric Company. (See Embleton, Rowland, assignor.)

General Electric Company. (See Ferguson, John S., assignor.)

General Electric Company. (See Jagger, Claude A., assignor.)

General Electric Company. (See La Pierre, Cramer W., assignor.)

General Electric Company. (See La Pierre, C. W., and Menger, assignors.)

General Electric Company. (See Merrill, Wilbur L., assignor.)

General Electric Company. (See Unwin, Kenneth J., assignor.)

General Electric Company. (See Wall, George, assignor.)

General Motors Corporation. (See Boegehold, A. L., and Schluchter, assignors.)

General Motors Corporation. (See Elsey, George W., assignor.)

General Motors Corporation. (See Fessler, Albra H., assignor.)

General Motors Corporation. (See Holmes, John Q., assignor.)

General Motors Corporation. (See Schwartzwalder, K., and Kirk, assignors.)

General Motors Corporation. (See Smith, Harry F., assignor.)

General Motors Corporation. (See Smith, Rolf M., assignor.)

General Railway Signal Company. (See Field, O. S., and Willing, assignors.)

General Railway Signal Company. (See Mackey, Stuart J., assignor.)

General Railway Signal Company. (See Reichard, Wade H., assignor.)

General Railway Signal Company. (See Willing, Joseph E., assignor.)

General Steel Castings Corporation. (See Frede, Charles F., assignor.)

General Steel Castings Corporation. (See Hallquist, Einar G., assignor.)

General Steel Castings Corporation. (See Lanning, Howard H., assignor.)

General Steel Castings Corporation. (See Pflager, Harry M., assignor.)

Gerngross, Otto, Yeni-Sehire, Turkey, and A. Callo, Bomhild, Germany. Material impermeable to ultra-violet rays and production thereof. 2,106,599; Jan. 25.

Giles, George A., Bensenville, assignor of one-half to L. T. Barnett, Glencoe, Ill. Styling facing sheet assembly. 2,106,481; Jan. 25.

Gill, George A. (See Tyree, H. J., Talley, and Gill.)

Girodin, Marius E., Quimper, France. Machine for the manufacture of biscuits. 2,106,633; Jan. 25.

Gleason, Anthony H., Elizabeth, N. J., assignor to Standard Oil Development Company. Improved lubricants and manufacturing the same. 2,106,347; Jan. 25.

Gleichmann, Hans, Falkenhain, near Spandau, assignor to Siemens-Shuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Power plant. 2,106,346; Jan. 25.

Goldhammer, Leo, Munich, and P. Frost, Munich-Neuharlaching, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Film magazine. 2,106,374; Jan. 25.

Gora, John. (See Brethen, C. A., and Gora.)

Grant, Helen G., Asheville, N. C. Container. 2,106,425; Jan. 25.

Grant, Helen G., Asheville, N. C. Container and making the same. 2,106,426; Jan. 25.

Green, Daniel, Company. (See Green, James A., assignor.)

Green, James A., assignor to Daniel Green Company, Dolgeville, N. Y. Shoe and making the same. 2,106,676; Jan. 25.

Greenwood, Henry B., assignor to F. X. Hooper Company, Inc., Glen Arm, Md. Duplex single facer. 2,106,500; Jan. 25.

Greiner, Melvin R., Cincinnati, assignor to Carthage Mills Incorporated, Carthage, Ohio. Printing of fibrous materials by impregnation. 2,106,634; Jan. 25.

Grindell, William H., and A. E. P. Billstein, Altoona, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Track rail flaw detecting apparatus. 2,106,624; Jan. 25.

Greene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Chuck. 2,106,501; Jan. 25.

Groll, Herbert P. A., Oakland, and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of carbonylic compounds. 2,106,347; Jan. 25.

Guertin, Gilles, Amelia, Ohio. Saw guard. 2,106,321; Jan. 25.

Guilberson Corporation, The. (See Guilberson, Samuel A., III, assignor.)

Guilberson, Samuel A., III, assignor to The Guilberson Corporation, Dallas, Tex. Anchoring device. 2,106,392; Jan. 25.

Guin, Lester W., Mishawaka, assignor to South Bend Current Controller Company, South Bend, Ind. Electrical apparatus. 2,106,211; Jan. 25.

Gutmann, Jean M. (See Angenieux, P., and Gutmann.)

H & H Machine & Motor Parts Co. (See Vollmer, Walter G., assignor.)

Hafcke, Philip M., Washington, D. C. Vacuum tube. 2,106,172; Jan. 25.

Halberg, Carl J., Detroit, Mich., Assignor to Colonial Broach Company. Apparatus for broaching an aperture in an article relative to its outer dimension. 2,104,212; Jan. 25.

Halberg, Carl J., Detroit, Mich., assignor to Colonial Broach Company. Broaching machine. 2,106,213; Jan. 25.

Hall, Judd B. (See Hall, Samuel S., and J. B.)

Hall, Samuel S., and J. B., assignors to The Surety Rubber Company, Carrollton, Ohio. Static resisting garment. 2,106,348; Jan. 25.

Hallquist, Elmar G., Wallingford, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Wheel. 2,106,566; Jan. 25.

Hannay, Robert S. B. (See Morton, J., and Hannay.)

Hansson, Oscar, Goteborg, Sweden. Exhaust pipe for internal combustion engines. 2,106,427; Jan. 25.

Harder, Perry J., Newalla, Okla. Veterinarian's instrument. 2,106,635; Jan. 25.

Hargrove, Frank L. (See Bigger, T. W., and Hargrove.)

Harel, Oliver A., assignor to G. B. Dorey, Montreal, Quebec, Canada. Hand brake for railway cars and the like. 2,106,349; Jan. 25.

Hargnett, Harold L., Turtle Creek, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Muffler. 2,106,482; Jan. 25.

Harlow, Clark J., Deer Park, Ohio. Brake operating mechanism. 2,106,636; Jan. 25.

Harnly, David H., Chicago, Ill. Weatherproofing structure for doors. 2,106,322; Jan. 25.

Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control valve. 2,106,900; Jan. 25.

Hartford-Empire Company. (See Bates, Lloyd G., assignor.)

Hartford-Empire Company. (See Canfield, Robert W., assignor.)

Hartford-Empire Company. (See Canfield, R. W., and Waugh, assignors.)

Hartford-Empire Company. (See Merrill, Donald G., assignor.)

Harvey, Carl L. (See Frayer, L. A., and Harvey.)

Hastings, Charles M. (See Keller, F., and Hastings.)

Hasset, Walter E., Rochester, N. Y. Truck refrigerator. 2,106,637; Jan. 25.

Hausmann, Max, Berlin-Zehlendorf-Mitte, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Oxygen emergency apparatus with closed respiratory circuit. 2,106,393; Jan. 25.

Havemeyer, Clara D., Chicago, Ill. Container. 2,106,405; Jan. 25.

Hawker, Roland G., Burlington, Vt. Bibb seating tool. 2,106,173; Jan. 25.

Hawkins, Paul E., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Power control mechanism. 2,106,502; Jan. 25.

Hawthorne, Wendell P. (See Denniston, R. F., and Hawthorne.)

Haze, Harry S. (See Savage, Will R.)

Heacock, Ward J. (See Burnell, E. J., and Heacock.)

Heaney, William A., Salem, Mass. Valve. 2,106,406; Jan. 25.

Hearne, George. (See Groll, H. P. A., and Hearne.)

Hedlund, Mats, Stockholm, Sweden. Cable mounting for electrical apparatus. 2,106,248; Jan. 25.

Heinemann, Arthur S., Los Angeles, Calif. Multiple article package and method. 2,106,276; Jan. 25.

Henry, Walter I., Hamilton, Mo. Interchangeable sign. 2,106,376; Jan. 25.

Hendrick, Robert W., Newtonville, Mass. Automobile carrier for lengthy articles. 2,106,503; Jan. 25.

Henriksen, Alfred. (See Lincoln, B. H., and Henriksen.)

Henry, Eugene E., Upper Darby, assignor to The J. G. Brill Company, Philadelphia, Pa. Universal tool holder. 2,106,526; Jan. 25.

Hensley, Guy F., Gastine, Calif. Can testing device. 2,106,407; Jan. 25.

Hepler, Edward W., Springdale, Pa. Rotary pump. 2,106,600; Jan. 25.

Hercules Powder Company. (See Ray, Philip A., assignor.)

Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Chair iron. 2,106,174; Jan. 25.

Hess, Frederick P. (See Braun, E., and Hess.)

Hewitt, Hills B., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake system. 2,106,483; Jan. 25.

Hewitt, Hills B., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Duplex brake cylinder. 2,106,484; Jan. 25.

Hewitt, Hills B., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Insect excluder. 2,106,485; Jan. 25.

Hickman, Clarence N., Jackson Heights, and B. A. Kingsbury, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing system. 2,106,350; Jan. 25.

Hicks, Leslie A. (See Mellen, G., and Hicks.)

Hiering, William C., assignor to The J. E. Mergott Company, Newark, N. J. Making fabric covered bag frames. 2,106,408; Jan. 25.

Hilliker, Robert E., Akron, Ohio, assignor to The F. H. Watson Company, Jonesboro, Ark. Valve stem. 2,106,638; Jan. 25.

Hoague-Sprague Corporation. (See Dallas, Robert M., assignor.)

Hofmann, Joseph, Berlin-Reinickendorf-Ost, assignor to Elektricitätsgesellschaft "Sanitas", Berlin, Germany. Diathermic apparatus with quenched spark-gap. 2,106,428; Jan. 25.

Hofmann, Joseph, Berlin-Reinickendorf-Ost, assignor to Elektricitätsgesellschaft "Sanitas" G. m. b. H., Berlin, Germany. Electrotherapeutic apparatus. 2,106,429; Jan. 25.

Holloway, Herman H. (See Lockett, A. M., and Holloway.)

Holmes, John O., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Tool support. 2,106,214; Jan. 25.

Honsert, Joseph, Chicago, Ill. Apparatus for electrical etching. 2,106,455; Jan. 25.

Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Low expansion annealed glass. 2,106,526; Jan. 25.

Hooper, F. X., Company. (See Greenwood, Henry B., assignor.)

Hostetter, John C., assignor to Corning Glass Works, Corning, N. Y. Refractory for contacting molten glass. 2,106,527; Jan. 25.

Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Ball container. 2,106,175; Jan. 25.

Howard, Karl S., Bryn Mawr, and J. H. Locke, Villa Nova, assignors, by mesne assignments, to Ajax Electric Furnace Corporation, Philadelphia, Pa. Apparatus for handling molten metal. 2,106,456; Jan. 25.

Howes, Charles C., assignor to The Cosmo Laboratories Company, Cleveland, Ohio. Flame sensitive current controlling article. 2,106,249; Jan. 25.

Hudson Motor Car Company. (See Allison, William D., assignor.)

Hudson Motor Car Company. (See Badertscher, Dana K., assignor.)

Hufford, George H., assignor to Thompson Products Incorporated, Detroit, Mich. Joint and making the same. 2,106,567; Jan. 25.

Huffman, William E., and G. W. Replogle, Dayton, Ohio. Quick release valve. 2,106,176; Jan. 25.

Hughes, Hector P., New London, Conn., assignor to Robert Gair Company, Inc., New York, N. Y. Knock-down island display stand. 2,106,301; Jan. 25.

Hultquist, Victor J., Alcoa, Tenn. Building unit. 2,106,177; Jan. 25.

Humblet, Joseph, Brussels, Belgium. Fire protecting means. 2,106,576; Jan. 25.

Humblet, Joseph, Brussels, Belgium. Extinguisher. 2,106,430; Jan. 25.

Hunter, Percy E., deceased, by L. T. Copeland and Fidelity Trust Company, administrators, assignors to Hunter Steel Company, Pittsburgh, Pa. Fence. 2,106,601; Jan. 25.

Hunter, Percy E., deceased, by L. T. Copeland and Fidelity Trust Company, administrators, assignor to Hunter Steel Company, Pittsburgh, Pa. Making fence posts. 2,106,602; Jan. 25.

Hunter Steel Company. (See Hunter, Percy E., assignor.)

Huntington, James B., Cincinnati, Ohio. Deicing attachment for aircraft. 2,106,323; Jan. 25.

Hutchens, Edward, assignor to Utility Manufacturing Company, Cudahy, Wis. Roll grinding machine. 2,106,215; Jan. 25.

Hutt, Albert E., Riverside, Conn. Automatic shut-off valve. 2,106,361; Jan. 25.

Hyman, Eli, Brookline, assignor to Hy-Sil Manufacturing Company, Revere, Mass. Woven fabric. 2,106,457; Jan. 25.

Hy-Sil Manufacturing Company. (See Hyman, Eli, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Bashr, H., and Wentzel, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Hausmann, Max, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, L., and Sauchez, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Perrenz, F., and Fischer, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Schneider, Wilhelm, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Zorn, H., and Rostosky, assignors.)

Iacino, Natale, New York, N. Y. Water shower temperature regulator. 2,106,468; Jan. 25.

Imperial Molded Products Corporation. (See Amrine, Lodane G., assignor.)

International Business Machines Corporation. (See Bryce, James W., assignor.)

International Engineering Corporation. (See Brace, Kemper P., assignor.)

Jacobson, Irvin. (See Johnson, F. B., and Jacobson.)

Jacques, Emile, Paris, France. Automatic variable speed gear. 2,106,608; Jan. 25.

Jaeger, Claude A., Schenectady, N. Y., assignor to General Electric Company. Resistor. 2,106,604; Jan. 25.

Jaite Company, The. (See Schlegel, Alfred A., assignor.)

Jenkins, Clarence E., Keene, N. H., assignor to Bocil Corporation, trustee, Pittsburgh, Pa. Method and apparatus for the extraction of juices from vegetable pulp and the like. 2,106,469; Jan. 25.

Jenkins, Russell L., Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company. 4-aminodiphenyl complex. 2,106,550; Jan. 25.

Jenkins, Russell L., Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company. 4-aminodiphenyl compounds. 2,106,551; Jan. 25.

Jenkins, Russell L., Kirkwood, Mo., and M. M. Levine, Rochester, N. Y., assignor, by mesne assignments, to Monsanto Chemical Company. Thiocarbanilide derivatives. 2,106,552; Jan. 25.

Jenkinson, George B., Prescott, Ontario, Canada. Cap remover for containers and the like. 2,106,639; Jan. 25.

Johnson, Frederick B., and I. Jacobson, Kansas City, Mo. Disturbance responsive switch. 2,106,605; Jan. 25.

Johnson Laboratories, Inc. (See Crossley, A., and Maimema, assignors.)

Johns-Manville Corporation. (See Christenson, George, assignor.)

Jones, Alfred J., assignor to H. S. & A. Robinson, Limited, Bristol, England. Manufacture of paper or like bag tubes or bags. 2,106,481; Jan. 25.

Jones, Benjamin C. (See Fletcher, H., Bishop, and Jones.)

Jones, Lloyd T., and J. K. Hilsworth, Berkeley, Calif. Insect electrocutor. 2,106,638; Jan. 25.

Johnson, Albert M., assignor to Barnes Drill Company, Rockford, Ill. Honing machine. 2,106,216; Jan. 25.

Johnson, Albert M., assignor to Barnes Drill Co., Rockford, Ill. Machine tool. 2,106,217; Jan. 25.

Johnson Laboratories, Inc. (See Neighbors, C. C., and Maimema, assignors.)

Johnson Laboratories, Inc. (See Schaper, William A., assignor.)

Johnson Laboratories, Inc. (See Sinninger, Dwight V., assignor.)

K. P. F. Electric Company. (See Wilkins, Roy, assignor.)

Karpen, S., & Bros. (See Owler, Thomas D., assignor.)

Kasanjian, Soures, Woodside, Long Island, N. Y. Safety device and valve therefor. 2,106,606; Jan. 25.

Keesee, Roland E., Prattsville, Ark. Wiring device. 2,106,324; Jan. 25.

Keiser, Bernhard. (See De Groote, M., and Keiser.)

Keller, Andreas E., Leonhard, Ill. Agitator for mash tanks. 2,106,329; Jan. 25.

Keller, Fred, and C. M. Hastings, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Electrolytic condenser. 2,106,178; Jan. 25.

Kelley, Oliver K., assignor, by mesne assignments, to Yellow Truck and Coach Manufacturing Company, Pontiac, Mich. Throttle and transmission interlock. 2,106,607; Jan. 25.

Kelley, Oliver K., assignor, by mesne assignments, to Yellow Truck and Coach Manufacturing Company, Pontiac, Mich. Power shift transmission. 2,106,608; Jan. 25.

Kelly, Andrew J., Richmond, Va. Convertible coaster wagon and sled. 2,106,530; Jan. 25.

Kercher, Frank J. (See Brosseau, J. H., and Kercher.)

Kiefer, George C. (See Schaeuble, C. A., and Kiefer.)

Kingsbury, Burton A. (See Hickman, C. N., and Kingsbury.)

Kinnaird, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter station. 2,106,353; Jan. 25.

Kirk, William S. (See Schwartzwalder, K., and Kirk.)

Kirkpatrick, Willard H., assignor to National Aluminate Corporation, Chicago, Ill. The production of anion-exchange resins from m-phenylenediamine. 2,106,486; Jan. 25.

Klinkenstein, Gustave. (See Barsky, G., Klinkenstein, Rohleder, and Silleck.)

Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television receiver tube. 2,106,250; Jan. 25.

Kops Brothers, Inc. (See Leffmann, Siegfried, assignor.)

Korones, Samuel A. (See Tauber, S., and Korones, assignors.)

Kotrbaty, Guy F., New York, N. Y., assignor to Fur-O-Cen Corporation, Bryn Mawr, Pa. Composite construction mattress. 2,106,179; Jan. 25.

Kovalik, Anthony, Pittsburgh, Pa. Sandwich wrapper 2,106,640; Jan. 25.

Krauss, Friedrich B., Schwarzenberg, Germany, Centrifugal extractor. 2,106,609; Jan. 25.

Kreilich, Lester W., and H. E. Taylor, assignors to The Yerges Manufacturing Company, Fremont, Ohio. Bolting section unit and assembly. 2,106,610; Jan. 25.

Kreimeier, Oscar R., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing tertiary ethynyl carbinols and product thereby produced. 2,106,180; Jan. 25.

Kreimeier, Oscar R., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ethynyl carbinols and preparing the same. 2,106,181; Jan. 25.

Kreimeier, Oscar R., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reacting alkali metal acetylides with alkylene oxides and products thereby produced. 2,106,182; Jan. 25.

Krieck, James H., Newark, N. J. Filtering apparatus. 2,106,218; Jan. 25.

Kummer, Ernest W., Denver, Colo., assignor of one-half to D. G. Ong, Prescott, Ariz. Portable air conditioner. 2,106,325; Jan. 25.

Kurth, Franz J., New York, N. Y., assignor to Amusentat Corporation of America. Air distributing device. 2,106,458; Jan. 25.

Laitman, Michael, Brooklyn, N. Y. Closure. 2,106,459; Jan. 25.

Lamson & Sessions Company, The. (See Frayer, Lee A., assignor.)

Lamson & Sessions Company, The. (See Frayer, L. A., and Harvey, assignors.)

Langedijk, Siegfried L., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Preparation of halogenated organic hydroxy compounds. 2,106,353; Jan. 25.

Lanning, Howard H., Topeka, Kans., assignor to General Steel Castings Corporation, Eddystone, Pa. Spring assembly. 2,106,219; Jan. 25.

La Pierre, Cramer W., Schenectady, N. Y., assignor to General Electric Company. Apparatus for correcting skew and bow in woven material. 2,106,611; Jan. 25.

La Pierre, Cramer W., and F. B. Menger, Schenectady, N. Y., assignors to General Electric Company. Straightener for woven material. 2,106,612; Jan. 25.

Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Casket ornamentation. 2,106,695; Jan. 25.

Law, Albert, Jackson Heights, N. Y. Baffle gate bearing for one-way rotation. 2,106,220; Jan. 25.

Le Blond, R. K., Machine Tool Company. (See Greene, William F., assignor.)

Lecher, Hans Z. (See Munro, W. P., Northey, and Lecher.)

Le Coney, Joseph H., Bedford, assignor to Earnshaw Knitting Company, Newton, Mass. Drop seat garment. 2,106,553; Jan. 25.

Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body construction. 2,106,677; Jan. 25.

Leeson, Bruce H., Tynemouth, and R. W. Wild, Low Fell, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Electric circuit breaker. 2,106,551; Jan. 25.

Leffmann, Siegfried, London, England, assignor to Kops Brothers, Inc., New York, N. Y. Brassière. 2,106,566; Jan. 25.

Leitch, George A., assignor to Charles H. Pugh Limited, Birmingham, England. Mowing machine. 2,106,641; Jan. 25.

Lepetit, Albert, Montrouge, France. Optical device for measuring angles, such as sextants. 2,106,460; Jan. 25.

Leslie, Ivan A., assignor to Rolls Royce Limited, Derby, England. Hydraulic shock damper. 2,106,461; Jan. 25.

Le Vesconte, Harold J. (See Christensen, N. V., Rubel, Smith, and Le Vesconte.)

Le Vesconte, Harold J. (See Rubel, C. F., and Le Vesconte.)

Levine, Max M. (See Jenkins, R. L., and Levine.)

Levitt, David, New York, N. Y. Folding egg carton. 2,106,613; Jan. 25.

Lewis, Boyd E., San Marino, assignor to Fibreboard Products, Inc., San Francisco, Calif. Box construction. 2,106,302; Jan. 25.

Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Extensometer. 2,106,696; Jan. 25.

Libbey-Owens-Ford Glass Company. (See Moller, John H., assignor.)
Lick, Carl F., St. Paul, Minn. Safety device for motion picture projecting machines. 2,106,354; Jan. 25.
Liebenthal, Eugene P. (See Ahrenheim, Charles, assignor.)
Ligot, Claude, Montreal, Quebec, Canada. Hair treating device. 2,106,385; Jan. 25.
Lincoln, Bert H., and A. Henriksen, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oils. 2,106,554; Jan. 25.
Lindberg Engineering Company. (See Lindberg, Le Roy A., assignor.)
Lindberg, Le Roy A., Evanston, assignor to Lindberg Engineering Company, Chicago, Ill. Heat treating furnace. 2,106,462; Jan. 25.
Lindner, Karl A., Baltimore, Md., assignor to American Smelting and Refining Company, New York, N. Y. Metal mold. 2,106,614; Jan. 25.
Lindquist, Frank D., Worcester, Mass. Loom. 2,106,504; Jan. 25.
Link-Belt Company. (See Burnell, E. J., and Heacock, assignors.)
Lipton, Ruby, New York, N. Y. Head covering. 2,106,570; Jan. 25.
Lipton, Ruby, New York, N. Y. Hat. 2,106,571; Jan. 25.
Locke Insulator Corporation. (See McCoy, Robert L., assignor.)
Locke, John H. (See Howard, K. S., and Locke.)
Lockett, Andrew M., New Orleans, and H. H. Holloway, Amite, La. Method and apparatus for separating gravel, and the like. 2,106,532; Jan. 25.
Lomas, Hazen G., Detroit, Mich. Dispensing device. 2,106,377; Jan. 25.
London Electric Wire Company and Smiths Limited, The. (See Sands, Alexander J., assignor.)
Long, George, assignor, by mesne assignments, to Franklin Steel Works, Joliet, Ill. Bag opening mechanism. 2,106,603; Jan. 25.
Low, Frank K., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,106,356; Jan. 25.
Lowy, Arthur, Newark, N. J., assignor to New York Engineering Company, New York, N. Y. Suction elevator. 2,106,183; Jan. 25.
Lubri-Zol Development Corporation, The. (See Lincoln, B. H., and Henriksen, assignors.)
Lucas, Leroy E. (See Fisk, L. E., and Lucas.)
Ludwig, Frank G., Lockport, Ill. Window structure. 2,106,281; Jan. 25.
Lumry, Carl C., assignor to Mount Arbor Nurseries, Shenandoah, Iowa. Display case. 2,106,487; Jan. 25.
Lucenge, Vincent J., Brooklyn, N. Y. Dental tool. 2,106,252; Jan. 25.
Luschanowsky, Alexander, Berlin, Germany. Refinement of magnesium and magnesium alloys. 2,106,221; Jan. 25.
Maas & Waldstein Co. et al. (See Barsky, G., Klinkenstein, Rohleder, and Silleck, assignors.)
MacIntyre, Hugh F. (See Brooks, H. L., and MacIntyre.)
Macken Machine Company. (See Putnam, C. A., and Robbins, assignors.)
Mackey, Stuart J., assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing signaling system. 2,106,661; Jan. 25.
Magill, Paul L. F., Ramsomville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of white lead. 2,106,555; Jan. 25.
Malinovsky, Andrew, South Gate, Calif. Ceramic composition. 2,106,410; Jan. 25.
Mallinckrodt, Charles O. (See Anderson, F. B., Mallinckrodt, and Stillwell, assignors.)
Marshall, Tola A., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,106,357; Jan. 25.
Martin & Schwartz, Inc. (See Pleuthner, Charles, assignor.)
Matthew, Theodore, Burlingame, Calif. Storage battery. 2,106,222; Jan. 25.
Matthews, George D., assignor to Tennessee Stove Works, Chattanooga, Tenn. Circulating heater. 2,106,642; Jan. 25.
Maurer, Edward D., New York, N. Y. Spectacle eyeshade. 2,106,615; Jan. 25.
McBreen, Clyde V., assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Motor horn. 2,106,303; Jan. 25.
McClintock, O. B., Company. (See Schweiso, Clifford C., assignor.)
McClure, Glenn T. (See Fitch, E. R., and McClure.)
McCoy, Robert L., assignor to Locke Insulator Corporation, Baltimore, Md. Switch and bus insulator stack. 2,106,616; Jan. 25.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor. 2,106,488; Jan. 25.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic track brake. 2,106,489; Jan. 25.
McDonnell, Vincent D., Chicago, Ill. Gas generator. 2,106,184; Jan. 25.
McFadden, Ross M., Los Angeles, Calif. Curler pad. 2,106,326; Jan. 25.
McGee, Robert E., Beeville, Tex. Actuating mechanism for hydraulic brakes. 2,106,504; Jan. 25.
McIntyre, Malcolm, Old Greenwich, Conn. Sailing craft. 2,106,432; Jan. 25.
Meagher, Andrew C., Los Angeles, Calif. Proportioning valve. 2,106,572; Jan. 25.
Mees, Eberhard F., Milwaukee, Wis. Insulating composition. 2,106,617; Jan. 25.
Mehaffey, Robert J., Minneapolis, Minn. Casting bobber. 2,106,618; Jan. 25.
Meinema, Herbert E. (See Crossley, A., and Meinema.)
Meinema, Herbert E. (See Neighbors, C. C., and Meinema.)
Mellen, George, Diamond Head, and L. A. Hicks, Honolulu, Hawaii. Signal device. 2,106,643; Jan. 25.
Menge, Clarence H., Detroit, Mich., assignor to The Murray Corporation of America. Frame and seat. 2,106,644; Jan. 25.
Menger, Francis B. (See La Pierre, C. W., and Menger.)
Mergott, J. B., Company, The. (See Hiering, William C., assignor.)
Merrill, Donald G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Drift controlling apparatus for glassware annealing lehrs. 2,106,678; Jan. 25.
Merrill, Wilbur L., Scotia, N. Y., assignor to General Electric Company. Washing apparatus. 2,106,619; Jan. 25.
Metal Office Furniture Company. (See Wege, Peter M., assignor.)
Meyer, George J., Milwaukee, Wis. Sealing containers. 2,106,464; Jan. 25.
Micromatic Hone Corporation. (See Connor, Kirke W., assignor.)
Mitchell, Loris E., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Metal tube lead-in bushing. 2,106,294; Jan. 25.
Moller, John H., Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass handling apparatus. 2,106,573; Jan. 25.
Monowatt Electric Corporation. (See Benander, George B., assignor.)
Monsanto Chemical Company. (See Jenkins, Russell L., assignor.)
Monsanto Chemical Company. (See Jenkins, R. L., and Levine, assignors.)
Mooney, Fred L., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for pressing the bottoms of shoes. 2,106,277; Jan. 25.
Moore Corporation, The. (See Pletcher, H., Bishop, and Jones, assignors.)
Moore, Francis R., Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Liquid level indicator. 2,106,574; Jan. 25.
Moore, Frank W., Lennon, Mich. Milk pail cover and fastener therefor. 2,106,378; Jan. 25.
Moore, John T., Tampa, Fla. Tonsillotome. 2,106,575; Jan. 25.
Moorhead, Walter A., Sandy Springs, S. C. Fertilizer distributor. 2,106,645; Jan. 25.
Morin, Louis H., New York, N. Y., assignor to The Coca-Cola Company, Wilmington, Del. Vending machine. 2,106,185; Jan. 25.
Morin, Louis H., Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Pot for die casting machines. 2,106,505; Jan. 25.
Morse, William E., Rapid City, S. Dak. Distension douche. 2,106,433; Jan. 25.
Morton, James, and R. S. E. Hannay, assignors to F. N. F. Limited, Purly Way, Croydon, England. Knitting machinery. 2,106,434; Jan. 25.
Mount Arbor Nurseries. (See Lumry, Carl C., assignor.)
Mulholland, David E., Reading, Pa. Abrasive sleeve and forming the same. 2,106,186; Jan. 25.
Munro, Alexander C., Britannia Beach, British Columbia, Canada. Elevator classifier. 2,106,154; Jan. 25.
Munro, Alexander C., Britannia Beach, British Columbia, Canada. Concentrator. 2,106,155; Jan. 25.
Munro, Alexander C., Britannia Beach, British Columbia, Canada. Classification. 2,106,156; Jan. 25.
Munro, Webdell P., Bound Brook, and E. H. Northey, and H. E. Lecher, Plainfield, assignors to The Calco Chemical Company, Inc., Bound Brook, N. J. Manufacture of acetamide. 2,106,607; Jan. 25.
Murphey, William, Chattanooga, Tenn. Child's garment. 2,106,646; Jan. 25.
Murray Corporation of America, The. (See Menge, Clarence H., assignor.)
Narrow Fabric Company, The. (See Busch, Conrad J., assignor.)
National Aluminate Corporation. (See Kirkpatrick, Willard H., assignor.)
National Battery Company. (See Reetz, Carl G., assignor.)
National Postal Meter Company. (See Ryan, Commodore D., assignor.)
Naugler, Walter E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Spray coating apparatus. 2,106,187; Jan. 25.
Neck, Gustav C., Nossebro, Sweden. Manufacture of insulator heads. 2,106,647; Jan. 25.

Nelder, Robert G., assignor to The Submarine Gold Mining Company, Boise, Idaho. Gold mining machinery. 2,106,187; Jan. 25.
Neighbors, Charles C., and H. E. Meinema, assignors to Johnson Laboratories, Inc., Chicago, Ill. Intermediate-frequency coupling device. 2,106,253; Jan. 25.
Neon Lights, Incorporated. (See Smith, Arthur L., assignor.)
New York Engineering Company. (See Lowy, Arthur, assignor.)
Newell, Joseph O., Los Angeles, Calif. Vanity mirror device. 2,106,354; Jan. 25.
Newing, Edward G., Dover, England. Mounting printing surfaces. 2,106,379; Jan. 25.
Nichols, Beverly R. (See Ring, J. J., Nichols, and Pfau.)
Nielsen, Frédéric, Malbosc-Brunssuis, France. Reflector, in particular for vehicles. 2,106,533; Jan. 25.
Nilson, Harold, assignor of one-third to J. A. Edeby, Wayzata, and one-third to R. Berglund, Minneapolis, Minn. Pressure pump. 2,106,620; Jan. 25.
Nordengren, Sven G., assignor to Aktiebolaget Kemiska Patenter, Landskrona, Sweden. Manufacture of superphosphate. 2,106,222; Jan. 25.
Northey, Elmore H. (See Munro, W. P., Northey, and Lecher.)
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co. Inc., New York, N. Y. Envelope machine. 2,106,256; Jan. 25.
O'Connor, John L., Taft, Calif. Cap pistol. 2,106,648; Jan. 25.
O'Donnell, Michael V., Pittsburgh, Pa. Multiple leaf spring. 2,106,411; Jan. 25.
Oliver, Charles J., Jr., Tillamook, Oreg. Measuring device. 2,106,649; Jan. 25.
Ohaeseren, Otto, Beckum, Germany. Rope transmission. 2,106,353; Jan. 25.
Olds, Reginald E., Los Angeles, Calif. Stationary inner slide tube for trombones and similar instruments. 2,106,327; Jan. 25.
Olsen, Tinius, Testing Machine Company. (See Lewis, Robert B., assignor.)
Olsen, Harry F., Collingswood, N. J., assignor to Radio Corporation of America. Device for transforming acoustical energy into electrical energy. 2,106,224; Jan. 25.
Ong, David G. (See Kummer, Ernest W., assignor.)
Orthner, Ludwig, Frankfort-on-the-Main, and E. Zaucher, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Mercapto-thiazole derivatives. 2,106,465; Jan. 25.
Osborne, C. J., Co. et al. (See Barsky, G., Klinkenstein, Rohleder, and Silleck, assignors.)
Oviatt, James, Los Angeles, Calif. Shirt. 2,106,412; Jan. 12.
Owler, Thomas D., Chicago, Ill., assignor, by mesne assignments, to S. Karpen & Bros. Revolving seat. 2,106,650; Jan. 25.
Packard Motor Car Company. (See Tibbetts, Milton, assignor.)
Paige, Arthur E., Philadelphia, Pa. Underfeed fire pot. 2,106,621; Jan. 25.
Paper Patents Company. (See Fourness, Charles A., assignor.)
Parcells, Paul, Chicago, Ill., assignor to Geo. Whiting Company. Bending rolls machine. 2,106,534; Jan. 25.
Parker, Arthur H. (See Sebell, Harry, assignor.)
Parker, Walter H., Pittsburgh, and N. J. Seibert, Wilkinsburg, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Piston gasket. 2,106,651; Jan. 25.
Parkes, Derle W., and E. B. Evans, West Bromwich, assignors to Robinson Brothers Limited, Oldbury, Birmingham, England. Absorption of acidic gases. 2,106,435; Jan. 25.
Parsell, Ray L., administrator. (See Stiennon, Louis.)
Parvin, Edward G., Roselle, assignor to Syncro Machine Company, Newark, N. J. Control means for web wrapping machines. 2,106,490; Jan. 25.
Patent Products Company. (See Shoglow, Harry, assignor.)
Pattison, Herbert J., Detroit, and W. K. Barton, Grosse Pointe Park, assignors to Briggs Manufacturing Company, Detroit, Mich. Portable polishing machine. 2,106,538; Jan. 25.
Paul, Ralph H., West Kensington, London, England. Game scorer. 2,106,496; Jan. 25.
Pennsylvania Railroad Company. (See Grindall, W. H., and Billstein, assignors.)
Pepin, Charles H. (See Besson, R. A., and Pepin.)
Petersen, Aage V., Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Alternating current apparatus. 2,106,556; Jan. 25.
Pfau, Arnold. (See Ring, J. J., Nichols, and Pfau.)
Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Car truck. 2,106,390; Jan. 25.
Pinson, Martin L., Phoenix, Ariz., assignor of one-half to Rap A. Pinson, Charlotte, Mich. Load indicator device. 2,106,652; Jan. 25.
Pinson, Rap A. (See Pinson, Martin L., assignor.)
Pittman, Ralph E., Pine Bluff, Ark. Pole fitting. 2,106,305; Jan. 25.
Pittsburgh Equitable Meter Company. (See Parker, W. H., and Seibert, assignors.)
Pletcher, Harry, M. Bishop, and B. C. Jones, assignors to The Moore Corporation, Joliet, Ill. Broiler. 2,106,506; Jan. 25.
Pleuthner, Charles, assignor to Martin & Schwartz, Inc., Buffalo, N. Y. Gasoline dispenser. 2,106,679; Jan. 25.
Pneumatic Scale Corporation. (See Tiano, Dominic W., assignor.)
Podgurski, Walter, Philadelphia, Pa. Truing tool for watch balance wheels. 2,106,653; Jan. 25.
Poe, Alfred L., Jacksonville, Fla. Adjustable carton cleat. 2,106,654; Jan. 25.
Pollard, John A., Edmonton, Alberta, Canada. Target. 2,106,655; Jan. 25.
Poté, Alfred J., Chelsea, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Lamp switching mechanism. 2,106,413; Jan. 25.
Povenz, Friedrich, Rheinfelden/Baden, and A. Ribothe, Wolfen, Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Purifying chlorinated hydrocarbons. 2,106,158; Jan. 25.
Power, James T., Wilmington, Del., and K. B. Brown, Tamaqua, Pa., assignors to Atlas Powder Company, Wilmington, Del. Acceleration of gelatinization of cellulose nitrate and liquid nitric esters and the product thereof. 2,106,168; Jan. 25.
Price, Nathan C., Berkeley, Calif. Control system. 2,106,414; Jan. 25.
Priesman, Neil Y. (See Flegal, J. R., and Priesman.)
Pritschow, Karl, and H. Dopheide, assignors to Voigtländer & Sohn Aktiengesellschaft, Brunswick, Germany. Photographic camera. 2,106,622; Jan. 25.
Proctor, B. A., Company, Inc. (See Proctor, B. A., and Thiede, assignors.)
Proctor, Barton A., Larchmont, and F. C. W. Thiede, Hempstead, assignors to B. A. Proctor Company, Inc., New York, N. Y. Making phonographic records. 2,106,623; Jan. 25.
Pugh, Charles H., Limited. (See Leitch, George A., assignor.)
Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Side seam for metal can bodies. 2,106,656; Jan. 25.
Purinton, Bernard S., East Liverpool, Ohio. Method and apparatus for the molding of covered ceramic receptacles. 2,106,415; Jan. 25.
Putman, Claude A., and C. F. Bobbins, assignors to Markem Machine Company, Keene, N. H. Type wheel. 2,106,306; Jan. 25.
Putman, Palmer C., Harwich, Mass. Aero-electric generation system. 2,106,557; Jan. 25.
Pyle, Marie Bruce, Dallas, Tex. Table. 2,106,436; Jan. 25.
Radio Corporation of America. (See Mitchell, Loris E., assignor.)
Radio Corporation of America. (See Olson, Harry F., assignor.)
Raduns, Solomon, Brooklyn, N. Y. Metallic bed. 2,106,657; Jan. 25.
Rakos, Alexander J., Chicago, Ill. Alarm system. 2,106,658; Jan. 25.
Ramet Corporation of America. (See Balke, Clarence W., assignor.)
Ray, George L., Charlotte, N. C. Roofing shingle. 2,106,624; Jan. 25.
Ray, Philip A., assignor to Hercules Powder Company, Wilmington, Del. Xanthates of resin alcohols and their production. 2,106,558; Jan. 25.
Raymond, Ralph, Nyack, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,106,360; Jan. 25.
Rentmeesters, Pierre J., Brussels, Belgium. Photographic apparatus. 2,106,659; Jan. 25.
Reynolle, A., & Company Limited. (See Leeson, B. H., and Wild, assignors.)
Raytheon Manufacturing Company. (See Poté, Alfred J., assignor.)
Redmer, Martin H., Chicago, Ill. Screw locking means. 2,106,278; Jan. 25.
Reetz, Carl G., assignor to National Battery Company, St. Paul, Minn. Storage battery testing device. 2,106,687; Jan. 25.
Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing signaling system. 2,106,660; Jan. 25.
Reiland, Frank D., Chicago, Ill. Support for reinforcing steel. 2,106,576; Jan. 25.
Replogle, George W. (See Huffman, W. H., and Replogle.)
Rich, Solomon, Glen Ridge, N. J. Keyboard cam actuating roll for typesetting machines. 2,106,225; Jan. 25.
Richards, Harry. (See Curran, Edward N., assignor.)
Rieche, Alfred. (See Provenz, F., and Rieche.)
Ring, Joseph J., and B. R. Nichols, Wauwatosa, and A. Pfau, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Governor. 2,106,664; Jan. 25.
Robbins, Charles F. (See Putnam, C. A., and Robbins.)
Roberts, Hugh, Jr., assignor to Cen-Tennial Cotton Gin Company, Columbus, Ga. Conveyer-distributor for cotton and like materials. 2,106,380; Jan. 25.
Robinson Brothers Limited. (See Parkes, D. W., and Evans, assignors.)
Robinson, R. S. & A., Limited. (See Jones, Alfred J., assignor.)

Röhm & Haas Company. (See Bruson, H. A., and Covert, assignors.)

Rohleder, Charles. (See Barsky, G., Klinkenstein, Rohleder, and Silleck.)

Rolls Royce Limited. (See Leslie, Ivan A., assignor.)

Roney, Bela, Annapolis, Md. Arcronograph. 2,106,190; Jan. 25.

Ross, William B., New York, N. Y. Necktie and making the same. 2,106,256; Jan. 25.

Rostinsky, Walter. (See Zorn, H., and Rostinsky.)

Ross, Simon G., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., Manufacture of reinforced shoe bottom units. 2,106,279; Jan. 25.

Rowe, William, assignor of one-third to B. F. J. Storton, San Diego, Calif. Direction signal for automobiles. 2,106,660; Jan. 25.

Rough, Alvan S., Evansville, Ind. Pouring spout. 2,106,281; Jan. 25.

Rubel, Charles F. (See Christensen, N. V., Rubel, Smith, and Le Vesconte.)

Rubel, Charles F., Chicago, and H. J. Le Vesconte, Western Springs, assignors to Union Special Machine Company, Chicago, Ill. Fabric feeding mechanism for sewing machines. 2,106,536; Jan. 25.

Ruhlof, Frederic C., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Apparatus for constructing levees and the like. 2,106,155; Jan. 25.

Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automobile radio apparatus. 2,106,159; Jan. 25.

Ryan, Commodore D, assignor to National Postal Meter Company, Los Angeles, Calif. Mail treating machine. 2,106,191; Jan. 25.

Rylander, Anders J. E. and K. G. V., Stockholm, Sweden. Pressure controlling valve. 2,106,537; Jan. 25.

Rylander, Karl G. V. (See Rylander, Anders J. E. and K. G. V.)

St. Joseph Iron Works. (See Schmidtke, Albert H., assignor.)

Sardeson, Karl, Flushing, N. Y. Dispensing device. 2,106,290; Jan. 25.

Sands, Alexander J., Westminster, assignor to The London Electric Wire Company, and Smiths-Limited, London, England. Machine for covering wire with a helical wrapping. 2,106,437; Jan. 25.

Sattler, Johann, Bohemia, Czechoslovakia. Wind musical instrument. 2,106,281; Jan. 25.

Savage, Will R., Omaha, Nebr., assignor of one-half to H. S. Haas, Chicago, Ill. Motor fuel composition. 2,106,661; Jan. 25.

Savage, Will R., Omaha, Nebr., assignor of one-half to H. S. Haas, Chicago, Ill. Motor fuel composition. 2,106,662; Jan. 25.

Saville, William C., Belvedere, Calif. Method and apparatus for making and decanting champagne. 2,106,192; Jan. 25.

Schaper, William A., assignor to Johnson Laboratories, Inc., Chicago, Ill. Coupling means for permeability-tuned circuits. 2,106,226; Jan. 25.

Scharschu, Charles A., and G. C. Kiefer, Brackenridge, Pa., assignors to Allegheny Steel Company. Surface treatment of metal to prevent localized corrosive attack. 2,106,227; Jan. 25.

Schlegel, Alfred A., Akron, assignor to The Jaite Company, Jaite, Ohio. Box. 2,106,663; Jan. 25.

Schluchter, Alfred W. (See Boegehold, A. L., and Schluchter.)

Schmidt, Karl, Krefeld, Germany. Process and composition for dyeing with aniline black. 2,106,382; Jan. 25.

Schmidtke, Albert H., assignor to St. Joseph Iron Works, St. Joseph, Mich. Basket cover. 2,106,328; Jan. 25.

Schmitt, George P., New York, N. Y. Cigarette medication. 2,106,467; Jan. 25.

Schmitt, Paula F., assignor to A. Fowler, St. Louis, Mo. Extension shelf. 2,106,538; Jan. 25.

Schneider, George. (See Dreyfus, C., and Schneider.)

Schneider, Wilhelm, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of carbocyanine dyes. 2,106,383; Jan. 25.

Schnitzspahn, Karl, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Stable diazo salt preparations and preparing them. 2,106,539; Jan. 25.

Schober, Oskar, Horrem, Bezirk Koeln, Germany, assignor to American Lurgi Corporation, New York, N. Y. Coloring and protective coatings. 2,106,228; Jan. 25.

Schreth, Ernest H., Palisade, N. J. Making wood products. 2,106,468; Jan. 25.

Schwartz, Fred J., Toledo, Ohio. Draper hanger. 2,106,429; Jan. 25.

Schwartz, Nathan, New York, N. Y. Filter for filter type respirators. 2,106,257; Jan. 25.

Schwartzwalder, Karl, and W. S. Kirk, Flint, assignors to General Motors Corporation, Detroit, Mich. Sealing composition, method of using same, and articles made therewith. 2,106,578; Jan. 25.

Schweiss, Clifford C., assignor to O. B. McClintock Company, Minneapolis, Minn. Thermometer. 2,106,507; Jan. 25.

Schubert, Julius, assignor to Steiner Bros. Inc., Long Island City, N. Y. Electric soldering iron. 2,106,439; Jan. 25.

Scott, Ephriam J., Forest Hills, Mass., assignor to C. C. H. Thomas. Apparatus for treating materials. 2,106,329; Jan. 25.

Sebell, Harry, Boston, assignor of one-half to Arthur H. Parker, Lexington, Mass. Can. 2,106,330; Jan. 25.

Seco, Inc. (See Birdahl, Edward R., assignor.)

Seibert, Nelson J. (See Parker, W. H., and Seibert.)

Sell, Gilbert R., Cynwyd, Pa., assignor, by mesne assignments, to Buffalo Electric Furnace Corporation, Buffalo, N. Y. Conveyor mechanism for electric furnaces. 2,106,469; Jan. 25.

Sexton, Everett P., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,106,491; Jan. 25.

Seyferth, Carl G., Muskegon, Mich. Fifth wheel. 2,106,258; Jan. 25.

Sharples Specialty Company, The. (See Bath, Wilmer H., assignor.)

Shaw, Robert W., London, Ontario, Canada. Insole. 2,106,508; Jan. 25.

Shell Development Company. (See Deanesly, Richard M., assignor.)

Shell Development Company. (See Groll, H. P. A., and Hearne, assignors.)

Shell Development Company. (See Langedijk, Siegfried L., assignor.)

Shell Development Company. (See Tijmstra, Sijbren, assignor.)

Sherbondy, William E., Shaker Heights, Ohio. Dispensing receptacle for plastic substances. 2,106,577; Jan. 25.

Sherritt, Frank. (See Beaumont, C. A., and Sherritt.)

Shoe Form Co. (See De Witt, William J., assignor.)

Shoglow, Harry, Cambridge, assignor to Patent Products Corp., Boston, Mass. Bathing accessory. 2,106,664; Jan. 25.

Shonnard, Orlando D., Upper Montclair, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Device for applying granular materials. 2,106,470; Jan. 25.

Siemens-Schuckertwerke Aktiengesellschaft. (Gleichmann, Hans, assignor.)

Silleck, Clarence F. (See Barsky, G., Klinkenstein, Rohleder, and Silleck.)

Simmons, Arthur W., King's Cross, London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,106,471; Jan. 25.

Simmons, Jack W., Tallahassee, Fla. Wire bound package. 2,106,384; Jan. 25.

Sinninger, Dwight V., assignor to Johnson Laboratories, Inc., Chicago, Ill. Pre-selector system. 2,106,229; Jan. 25.

Sirian Lamp Company. (See Braselton, Chester H., assignor.)

Skinner, John G., Anaconda, Mont. Flange oiler. 2,106,665; Jan. 25.

Sloan, Theodore H., Charleroi, assignor to G. M. S. Corporation, Pittsburgh, Pa. Making hollow glassware. 2,106,193; Jan. 25.

Smidth, F. L., & Company. (See Petersen, Aage V., assignor.)

Smith, Arthur L., La Canada, assignor to Neon Lights, Incorporated, Los Angeles, Calif. Electric sign display and making same. 2,106,331; Jan. 25.

Smith, Clarence C. (See Christensen, N. V., Rubel, Smith, and Le Vesconte.)

Smith, Ewen R., Penig in Saxony, Germany. Apparatus for the forming of thick paper articles such as barrels, tubs, plates, and the like. 2,106,440; Jan. 25.

Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Hinge. 2,106,509; Jan. 25.

Smith, Herbert K., Inglewood, Calif. Wrist watch band. 2,106,540; Jan. 25.

Smith, Harvey A., Webster Groves, Mo. Automatic transmission control. 2,106,307; Jan. 25.

Smith, Rolf M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,106,685; Jan. 25.

Smithe, F. L., Machine Co. Inc. (See Novick, Abraham, assignor.)

Socony-Vacuum Oil Company. (See Denniston, R. F., and Hawthorne, assignors.)

Socony-Vacuum Oil Company. (See Moore, Francis R., assignor.)

Socony-Vacuum Oil Company. (See Webb, Carroll C., assignor.)

Soderberg, John L., Omaha, Nebr. Window. 2,106,308; Jan. 25.

Solvay Process Company, The. (See Denny, Alfred S., assignor.)

Solvay Process Company, The. (See Weston, Charles F., assignor.)

Somervell, Howard. (See Crossen, R. W., Jr., and Somervell.)

South Bend Current Controller Company. (See Guin, Lester W., assignor.)

Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,106,282; Jan. 25.

Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,106,283; Jan. 25.

Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,106,284; Jan. 25.

Springer, Ray W., Detroit, Mich. Shim structure. 2,106,226; Jan. 25.

Spurlin, Robert L., Port Arthur, Tex. Ejector. 2,106,361; Jan. 25.

Stalcup, Ernest F., Rutledge, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam jet refrigeration apparatus. 2,106,362; Jan. 25.

Standard Oil Development Company. (See Gleason, Anthony M., assignor.)

Standard Oil Development Company. (See Young, P. L., and Wiesevich, assignors.)

Stead Rail Anchor Company, The. (See Cooper, Francis W., assignor.)

Steiner Bros. Inc. (See Schubert, Julius, assignor.)

Stelser, Franz H. B., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Apparatus for placing wrappers on the rolling apron of a cigar rolling device. 2,106,441; Jan. 25.

Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Building method and apparatus. 2,106,442; Jan. 25.

Stewart, Edwin, Philadelphia, Pa. Electric switch. 2,106,666; Jan. 25.

Stimpson, Louis, deceased, New Haven, by R. L. Parsell, Pine Orchard, administrator, assignor to Winchester Repeating Arms Company, New Haven, Conn. Multiple-barrel firearm. 2,106,416; Jan. 25.

Stillwell, Albert L. (See Andersen, P. B., Mallinckrodt, and Stillwell.)

Stockmar, Otto, Hanover, assignor to Vereinigte Leichtmetallwerke G. m. b. H., Hanover-Linden, Germany. Coated aluminum product. 2,106,259; Jan. 25.

Storton, Bernard F. J. (See Rowe, William, assignor.)

Stover, Emery F., Wynnewood, Pa. Gyroscopic fluid meter. 2,106,194; Jan. 25.

Submarine Gold Mining Company, The. (See Neider, Robert G., assignor.)

Sullivan Machinery Company. (See Baber, Job D., assignor.)

Sundstrand, Oscar J., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Paper supporting and feeding apparatus. 2,106,285; Jan. 25.

Surety Rubber Company, The. (See Hall, Samuel S. and J. B., assignors.)

Swart, Leland E., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Gas-filled tube circuits. 2,106,336; Jan. 25.

Swart, Leland E., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Gas discharge tube circuits. 2,106,337; Jan. 25.

Sweeney, Benjamin F., assignor of one-half to H. T. Barr, Long Beach, Calif. Folding table. 2,106,309; Jan. 25.

Syncro Machine Company. (See Parvin, Edward G., assignor.)

Talley, Clyde. (See Tyree, H. J., Talley, and Gill.)

Tanner, Walton B., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of formamide. 2,106,579; Jan. 25.

Tauts, Herbert R., Milwaukee, Wis. Circular saw apparatus. 2,106,288; Jan. 25.

Taylor, Herbert R. (See Kreilick, L. W., and Taylor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, Max, assignor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, Wilhelm, assignor.)

Tennessee Stove Works. (See Matthews, George D., assignor.)

Tesher, Saul, Brooklyn, and S. A. Keronea, New York, N. Y., Holder for a roll of strip material. 2,106,363; Jan. 25.

Thiede, Ferdinand C. W. (See Proctor, B. A., and Thiede.)

Thiry Léon Huy, Belgium. Mounting of electric insulators. 2,106,667; Jan. 25.

Thomas, C. C. H. (See Scott, Ephriam J., assignor.)

Thomas, Francis C. O., assignor to Frost Veneer and Plywood Company, Sheboygan, Wis. Plywood and furniture made therefrom. 2,106,443; Jan. 25.

Thompson, Parke H., II, Maplewood, assignor to Alco Valve Company, St. Louis, Mo. Thermostatic fitting. 2,106,668; Jan. 25.

Thompson Products Incorporated. (See Hufford, George H., assignor.)

Thomson, Alfred J., assignor to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,106,580; Jan. 25.

Thorn, Percy M., New Rochelle, N. Y. Closure for receptacles. 2,106,364; Jan. 25.

Thornton, Stuart R., Oakland, Calif. Nut lock. 2,106,669; Jan. 25.

Thumm, William F., Lombard, Ill. Trimming. 2,106,260; Jan. 25.

Tiano, Dominic W., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Closure applying machine. 2,106,365; Jan. 25.

Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,106,196; Jan. 25.

Tijmstra, Sijbren, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Process and apparatus for contacting fluids. 2,106,366; Jan. 25.

Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Engine mounting. 2,106,541; Jan. 25.

Topping, John A., Brownville, N. Y. Covering material. 2,106,395; Jan. 25.

Topping, John A., Brownville, N. Y. Roof construction. 2,106,396; Jan. 25.

Tornblom, Nils, A., Chicago, Ill., assignor to Appleton Electric Company. Explosionproof union. 2,106,444; Jan. 25.

Tret-O-Lite Company, The. (See De Groote, Melvin assignor.)

Tret-O-Lite Company, The. (See De Groote, M., and Keiser, assignors.)

Tripp, Newell B., Joplin, Mo. Refrigerator closure means. 2,106,230; Jan. 25.

Tullis, Boyd W. (See Coleman, S., and Tullis.)

Tuten, James M., assignor to Draper Corporation, Hopedale, Mass. Adjustable box plate. 2,106,550; Jan. 25.

Twomley, Herbert E., Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Crate lidding machine. 2,106,543; Jan. 25.

Tyree, Horace J., C. Talley, and G. A. Gill, Mexia, Tex. Shuttle guard attachment for looms. 2,106,510; Jan. 25.

Underwood Elliott Fisher Company. (See Sundstrand, Oscar J., assignor.)

Union Oil Company of California. (See Bray, Ulrice E., assignor.)

Union Special Machine Company. (See Christensen, N. V., Rubel, Smith, and Le Vesconte, assignors.)

Union Special Machine Company. (See Rubel, C. F., and Le Vesconte, assignors.)

United Autographic Register Co. (See Cooke, Allen B., assignor.)

United Research Corporation. (See Black, William A., assignor.)

United Shoe Machinery Corporation. (See Bertrand, Frederic E., assignor.)

United Shoe Machinery Corporation. (See Benson, E. A., and Pepin, assignors.)

United Shoe Machinery Corporation. (See Fogelson, Emil, assignor.)

United Shoe Machinery Corporation. (See Fossa, Joseph, assignor.)

United Shoe Machinery Corporation. (See Mooney, Fred L., assignor.)

United Shoe Machinery Corporation. (See Naugler, Walter E., assignor.)

United Shoe Machinery Corporation. (See Ross, Simon G., assignor.)

United States Rubber Products, Inc. (See Adamson, Seth, assignor.)

Universal Products Co. (See Wollner, Hans, assignor.)

"Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co. (See Stelzer, Franz H. B., assignor.)

Unwin, Kenneth J., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,106,581; Jan. 25.

Utility Manufacturing Company. (See Hutchens, Edward, assignor.)

Veitch, Edward L., Piedmont, assignor, by mesne assignments, to Vogue Pin Company of California, Oakland, Calif. Hairpin. 2,106,417; Jan. 25.

Vereinigte Leichtmetallwerke G. m. b. H. (See Stockmar, Otto, assignor.)

Vogue Pin Company of California. (See Veitch, Edward L., assignor.)

Voigtländer & Sohn Aktiengesellschaft. (See Pritschow, K., and Dopheide, assignors.)

Vollmer, Walter G., assignor to H & H Machine & Motor Parts Co., St. Louis, Mo. Motor-block stand. 2,106,367; Jan. 25.

Wade, Lorentz G., Baltimore, Md. assignor to Western Electric Company, Incorporated, New York, N. Y. Drying device. 2,106,445; Jan. 25.

Wagner Electric Corporation. (See Dick, Burns, assignor.)

Wagner, Hans, Magdeburg, Germany. Car ventilator. 2,106,418; Jan. 25.

Walker, O. S., Co. Inc. (See Beechlyn, John T., assignor.)

Walker, Thomas M., Auburn, N. Y. Antiskid overshoe. 2,106,670; Jan. 25.

Wall, George, Manchester, England, assignor to General Electric Company. Prepayment meter for electricity, gas, and like commodities. 2,106,582; Jan. 25.

Wallace, John F., assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Collapsible strut. 2,106,289; Jan. 25.

Wanamaker, Ernest, Chicago, Ill. Air conditioning system. 2,106,515; Jan. 25.

Warren, John W., Knoxville, Tenn. Building unit and wall. 2,106,287; Jan. 25.

Warrick, Jane E., Tampa, Fla. Valve. 2,106,310; Jan. 25.

Watson, F. H., Company, The. (See Hillier, Robert E., assignor.)
Watson, Frank H., Jonesboro, Ark. Valve stem and check valve therefor. 2,106,671; Jan. 25.
Waugh, Thomas. (See Canfield, R. W., and Waugh.)
Webb, Carroll C., Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for producing asphalt. 2,106,553; Jan. 25.
Weckstrom, George S., New York, N. Y. Shower curtain suspension device. 2,106,585; Jan. 25.
Wege, Peter M., East Grand Rapids, assignor to Metal Office Furniture Company, Grand Rapids, Mich. Desk structure. 2,106,544; Jan. 25.
Weidemann, John A., Chicago, Ill. Fixing and preserving gross anatomical specimens and the like. 2,106,261; Jan. 25.
Wenzel, Wilhelm. (See Baehr, H., and Wenzel.)
Wescott, William B., Dover, Mass., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Sheet aluminum planographic plate. 2,106,268; Jan. 25.
Western Electric Company. (See Wade, Lorentz G., assignor.)
Western Railroad Supply Company. (See Dinnerville, Walter, assignor.)
Western Union Telegraph Company. (See Demonet, Eugene A., assignor.)
Western Union Telegraph Company, The. (See Franklin, Lawrence W., assignor.)
Westinghouse Air Brake Company, The. (See Aikman, Burton S., assignor.)
Westinghouse Air Brake Company, The. (See Baughman, George W., assignor.)
Westinghouse Air Brake Company, The. (See Fitch, Hilary R., assignor.)
Westinghouse Air Brake Company, The. (See Fitch, E. R., and McClure, assignors.)
Westinghouse Air Brake Company, The. (See Hargnett, Harold L., assignor.)
Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)
Westinghouse Air Brake Company, The. (See McCune, Joseph C., assignor.)
Westinghouse Air Brake Company, The. (See Sexton, Everett P., assignor.)
Westinghouse Air Brake Company, The. (See Simmons, Arthur W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Denault, Clinton L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stalcup, Ernest F., assignor.)
Weston, Charles F., Prince George County, Va., assignor, by mesne assignments, to The Solvey Process Company, New York, N. Y. Removing and/or preventing the deposition of scale in evaporators. 2,106,196; Jan. 25.
Wheeling Steel Corporation. (See Ewing, Wylie B., assignor.)
Whitehall Patents Corporation. (See Morin, Louis H., assignor.)
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Applying liquid to textile materials. 2,106,311; Jan. 25.
Whiting, Geo., Company. (See Parcells, Paul, assignor.)
Whiting, Jasper, Boston, Mass. Pipe cleaner. 2,106,584; Jan. 25.
Whitson, Lincoln L., Van Nuys, Calif. Trailer leg. 2,106,230; Jan. 25.
Wiesevich, Peter J. (See Young, P. L., and Wiesevich.)
Wild, Robert W. (See Leeson, B. H., and Wild.)
Wildebour, Charles W., Olympia, Wash. Automatic liquid shut-off device. 2,106,197; Jan. 25.
Wiley, Lee M., assignor to Delta Electric Company, Marion, Ind. Bicycle lamp. 2,106,231; Jan. 25.
Wilhelm, Christian, assignor, by mesne assignments, to Automatic Temperature Control Co., Inc., Philadelphia, Pa. Automatic control system. 2,106,262; Jan. 25.
Wilkins, Roy, assignor to K. P. P. Electric Company, San Francisco, Calif. Contact for electrical apparatus. 2,106,232; Jan. 25.
Williams, Randolph P., Hampton, Va. Air metered shock absorber for airplane landing gears. 2,106,198; Jan. 25.
Williams, Robert A., Chicago, Ill. Bookbinding means. 2,106,511; Jan. 25.
Willing, Joseph E., assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing signaling system. 2,106,683; Jan. 25.
Willing, Joseph E. (See Field, O. S., and Willing.)
Wilson, David E., Santa Monica, Calif. Automobile signal device. 2,106,333; Jan. 25.
Winchester Repeating Arms Company. (See Stiennon, Louis, assignor.)
Winter, Henry G., assignor to Anheuser-Busch, Incorporated, St. Louis, Mo. Cooling cabinet. 2,106,263; Jan. 25.
Winther, Anthony, Kenosha, Wis. Electromagnetic apparatus. 2,106,542; Jan. 25.
Wise, Raymond L., New York, N. Y. Package. 2,106,385; Jan. 25.
Wollner, Hans, Detroit, Mich., assignor to Universal Products Co., Inc. Universal joint mechanism. 2,106,672; Jan. 25.
Wood, John, Manufacturing Company. (See Woodford, Joseph C., assignor.)
Woodford, Joseph C., Haverford, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Locating, locking, and indicating means for a shiftable gear. 2,106,686; Jan. 25.
Woolley, William J., Chicago, Ill. Air vent. 2,106,512; Jan. 25.
Wormser, Arthur, assignor to Faber & Schleicher, A. G., Offenbach-on-the-Main, Germany. Sheet delivery device and method. 2,106,199; Jan. 25.
Yellow Truck and Coach Manufacturing Company. (See Kelley, Oliver K., assignor.)
Yerges Manufacturing Company, The. (See Krellick, L. W., and Taylor, assignors.)
Young, Philip L., Westfield, and P. J. Wiesevich, Elizabeth, N. J., now, by judicial change of name, to P. J. Gaylor, assignors to Standard Oil Development Company. Extracting perfume materials unstable to heat. 2,106,200; Jan. 25.
Zaucker, Ewald. (See Orthner, L., and Zaucker.)
Zerk, Oscar U., Chicago, Ill. Spare wheel and tire cover. 2,106,586; Jan. 25.
Zorn, Hermann, Ludwighafen-on-the-Rhine, and W. Rosinsky, Oppau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of high quality lubricating oils. 2,106,232; Jan. 25.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 25TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Alloy. R. H. Leach. 20,638; Jan. 25.
Fluoroscopic device. F. B. Talty. 20,641; Jan. 25.
Gear adjustment for steering gears, Worm. C. F. Hammond, Jr., and H. E. Pulleyblank. 20,637; Jan. 25.
Harvester, Cotton. B. R. Benjamin. 20,633; Jan. 25.
Lock and latch, Combined. J. E. Price. 20,639; Jan. 25.
Sign, Luminous display or reflector. J. C. Stimson. 20,640; Jan. 25.
Size controlling mechanism for boring machines and the like. H. L. Blood. 20,634; Jan. 25.
Wetting agents. B. R. Harris. 20,636; Jan. 25.
Yeast and the product produced thereby, Treatment of. C. P. Freshel. 20,635; Jan. 25.

LIST OF DESIGN INVENTIONS

Arch support, Longitudinal. R. H. Johnson. 108,099; Jan. 25.
Billfold. H. B. Welch. 108,125; Jan. 25.
Billford. H. B. Welch. 108,168; Jan. 25.
Blouse. H. de Bernard. 108,173; Jan. 25.
Blouse. S. Levy. 108,162; Jan. 25.
Blouse. M. Praeslaff. 108,135; Jan. 25.
Bottle. D. E. Briner. 108,112; Jan. 25.
Bottle. R. C., V. L., and E. L. Gennaro. 108,074; Jan. 25.
Bottle. L. A. Lumnia, Jr. 108,126; Jan. 25
Bottle or similar container. P. H. Gans. 108,121; Jan. 25.
Box, Display. L. D. Young. 108,186; Jan. 25.
Box fo. rings, Display. B. S. Katz. 108,082; Jan. 25.
Braid, Snake. J. Alpine. 108,147; Jan. 25.
Brooch or similar article. F. di Verdura. 108,115–6; Jan. 25.
Brooch or similar article. F. de Verdura. 108,118; Jan. 25.
Brooch or similar article. F. Jaske and C. M. Johnson. 108,178–9; Jan. 25.
Brooch or similar article. A. Klety. 108,124; Jan. 25.
Cabinet or similar article, Barber's. R. H. Trickle. 108,110; Jan. 25.
Cap, Agitator. T. J. Little, Jr. 108,158; Jan. 25.
Case or similar article, Cigarette. F. di Verdura. 108,117; Jan. 25.
Case, Piano. W. M. Day. 108,069–70; Jan. 25.
Casing, Dispensing. E. H. Bradley. 108,083; Jan. 25.
Casing, Vacuum cleaner. H. J. McAllister. 108,102; Jan. 25.
Chimney, Lantern. E. J. Fraser. 108,071; Jan. 25.
Coat. L. Marks. 108,183; Jan. 25.
Coat ensemble. T. di Pretore. 108,174; Jan. 25.
Cooler and dispenser, Combined beverage. F. G. Wilson. 108,094; Jan. 25.
Dial housing for a weighing scale. S. L. Hansen, A. P. Olsen, and A. A. Schmid. 108,075; Jan. 25.
Doll. E. B. Kingman. 108,084–5; Jan. 25.
Drawer pull. H. L. Fehrsen. 108,092; Jan. 25.
Dress. T. Coleman. 108,187–9; Jan. 25.
Dress. B. Greenstein. 108,133; Jan. 25.
Dress. D. Luntz. 108,193; Jan. 25.
Dress. M. Mullen. 108,127; Jan. 25.
Dress. M. Pono. 108,145; Jan. 25.
Dress. M. Pono. 108,160; Jan. 25.
Dress. P. Schiessel. 108,162; Jan. 25.
Dress. N. S. Shedlin. 108,194–6; Jan. 25.
Dress. M. E. Smith. 108,197; Jan. 25.
Dress. S. M. Werber. 108,189; Jan. 25.
Dress ensemble. S. Etkin. 108,190–1; Jan. 25.
Dress ensemble. P. Fracchia. 108,153; Jan. 25.
Dress ensemble. J. Greenman. 108,192; Jan. 25.
Dress ensemble. M. Hall. 108,155; Jan. 25.
Dress ensemble. M. E. Smith. 108,163–4; Jan. 25.
Dress ensemble. H. Snyder. 108,198–9; Jan. 25.
Fabric or similar article, Elastic. H. Amil. 108,062; Jan. 25.
Fabric or similar article, Lace. G. Zellweger. 108,095; Jan. 25.
Fabric or similar article, Textile. M. Christen. 108,066; Jan. 25.
Fabric or similar article, Textile. M. Christen. 108,152; Jan. 25.
Fabric or similar article, Textile. R. E. Fatherley. 108,175; Jan. 25.
Fabric or similar article, Textile. A. Zavell. 108,170; Jan. 25.
Fabric, Textile. J. Granowitz. 108,154; Jan. 25.
Fabric, Textile. S. Horowitz. 108,157; Jan. 25.
Fabric, Textile. B. M. Kaufman. 108,150; Jan. 25.
Fabric, Textile. M. May. 108,096–90; Jan. 25.
Fabric, Textile. W. Rees. 108,161; Jan. 25.
Fabric, Textile. M. Turpan. 108,166–7; Jan. 25.
Fan, Electric. G. H. Koch. 108,142; Jan. 25.
File. E. Stephens. 108,165; Jan. 25.
Glove. H. C. Heyman. 108,176; Jan. 25.
Glove. J. A. Higler. 108,156; Jan. 25.
Glove, Knitted. H. de Benque. 108,172; Jan. 25.
Golf ball or the like. F. H. Cavignac. 108,065; Jan. 25.
Handbag. S. R. Goldsmith. 108,122; Jan. 25.
Handle, Valve. H. D. Clemmons. 108,067; Jan. 25.
Hat. G. Amster. 108,171; Jan. 25.
Insole, Adjustable metatarsal. R. H. Johnson. 108,100; Jan. 25.
Jar. E. J. Kahn. 108,081; Jan. 25.
Jar. O. C. Noble. 108,091; Jan. 25.
Jar or similar article, Covered. R. A. Kelly. 108,083; Jan. 25.
Lace insert or similar article. G. Zellweger. 108,096; Jan. 25.
Lamp for motor vehicle, Combination clearance and side marker. G. F. Burgess. 108,137; Jan. 25.
Lamp, Portable electric. H. M. Peters. 108,144; Jan. 25.
Mantel or similar article. D. J. Baum. 108,136; Jan. 25.
Mantel or similar article. D. J. Baum. 108,148–9; Jan. 25.
Marker and corner lamp for motor vehicles, Combination clearance side. G. F. Burgess. 108,064; Jan. 25.
Marker, House. W. Patty and M. Brooks. 108,130; Jan. 25.
Moccasin or similar article. E. J. Biel. 108,112; Jan. 25.
Mounting, Multiple gem. J. Granat. 108,123; Jan. 25.
Organ, Electric. G. H. Stephens. 108,133; Jan. 25.
Pan, Baking. J. G. Jackson. 108,140–1; Jan. 25.
Pencil. M. E. Trollen. 108,111; Jan. 25.
Plate or similar article. G. J. Higginson. 108,079–80; Jan. 25.
Raincoat or similar article. D. Cairns. 108,151; Jan. 25.
Range. H. T. Burrow. 108,114; Jan. 25.
Range. R. Hoffman. 108,177; Jan. 25.
Ribbon. J. D. Huising. 108,139; Jan. 25.
Scarf or similar article. I. Absug. 108,146; Jan. 25.
Shoe. L. J. Epstein. 108,120; Jan. 25.
Shoe. J. Lane. 108,101; Jan. 25.
Shoe. R. Maling. 108,126; Jan. 25.
Shoe. H. Odencrantz. 108,129; Jan. 25.
Shoe. S. Weinstat. 108,134; Jan. 25.
Shoe or similar article. O. M. Pick. 108,102–7; Jan. 25.
Shoe or similar article. O. M. Pick. 108,128; Jan. 25.
Sign, Read. L. M. Summers. 108,108–9; Jan. 25.
Slip or similar article. D. Levy. 108,181; Jan. 25.
Slipper or similar article. H. Springer. 108,132; Jan. 25.
Suit ensemble. H. Miller. 108,184; Jan. 25.
Support for floral displays. C. J. White. 108,093; Jan. 25.
Tire. E. F. Brunner. 108,097; Jan. 25.
Tire. B. Darrow. 108,068; Jan. 25.
Tool, Scraping. C. W. Reid. 108,131; Jan. 25.
Toy element, Structural. A. C. Gilbert. 108,098; Jan. 25.
Tumbler. E. W. Fuerst. 108,072–3; Jan. 25.
Turner or similar article, Cake. C. R. T. Hess. 108,076; Jan. 25.
Turner or similar article, Cake. C. R. T. Hess. 108,078; Jan. 25.
Vanity unit and handbag, Combined. P. Bautista. 108,150; Jan. 25.
Watchcase or similar article. F. di Verdura. 108,119; Jan. 25.
Whip or similar article, Batter. C. R. T. Hess. 108,077; Jan. 25.
Wrench member. S. Mandl. 108,143; Jan. 25.
Wrench or the like. S. Mandl. 108,159; Jan. 25.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 25TH DAY OF JANUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrading element, Unit. K. W. Connor. 2,106,205; Jan. 25.
Abrasive sleeve and forming the same. D. E. Mulholland. 2,106,186; Jan. 25.
Acceleration control system. G. W. Baughman. 2,106,474; Jan. 25.
Acetamide, Manufacture of. W. P. Munro, E. H. Northey, and H. 2. Lecher. 2,106,607; Jan. 25.
Acids from gases containing the same, Removal of gaseous weak. H. Baehr and W. Wensel. 2,106,446; Jan. 25.
Accounting machine. J. W. Bryce. 2,106,476–7; Jan. 25.
Acoustical energy into electrical energy, Device for transforming. H. F. Olson. 2,106,224; Jan. 25.
Actuating mechanism for hydraulic brakes. R. E. McGee. 2,106,504; Jan. 25.
Advertising apparatus. J. R. Allen. 2,106,235; Jan. 25.
Aero-electric generation system. P. C. Putnam. 2,106,557; Jan. 25.
Agitator for mash tanks. A. R. Keller. 2,106,529; Jan. 25.
Air conditioner, Portable. E. W. Kummer. 2,106,325; Jan. 25.
Air conditioning system. E. Wanamaker. 2,106,515; Jan. 25.
Air distributing device. F. J. Kurth. 2,106,458; Jan. 25.
Alarm system. A. J. Rakos. 2,106,658; Jan. 25.
Alkali metal acetylides with alkylene oxides and products thereby produced, Preparing. O. R. Kreimeier. 2,106,182; Jan. 25.
Alkali metal nitrates, Production of. A. S. Denny. 2,106,168; Jan. 25.
Alloys, Hard. C. W. Balke. 2,106,161–2; Jan. 25.
Aluminum product, Coated. O. Stockmar. 2,106,259; Jan. 25.
Anatomical specimens and the like, Fixing and preserving green. J. A. Weidemann. 2,106,261; Jan. 25.
Anchor, Rail. F. W. Cooper. 2,106,548; Jan. 25.
Anchoring device. S. A. Guiberson, III. 2,106,392; Jan. 25.
Arch support. C. Ahronheim. 2,106,202; Jan. 25.
Arcuseograph. B. Ronay. 2,106,190; Jan. 25.
Article package and method, Multiple. A. S. Heineman. 2,106,376; Jan. 25.
Articles, such as barrels, tubs, plates, and the like, Apparatus for the forming of thick paper. E. R. Smith. 2,106,440; Jan. 25.
Asphalt, Apparatus for producing. C. C. Webb. 2,106,583; Jan. 25.
Automatic shut-off valve. A. E. Hutt. 2,106,351; Jan. 25.
Axle structure. C. F. Frede. 2,106,345; Jan. 25.
Bactericidal action by the aid of chlorine, Effecting. W. M. Allison. 2,106,513; Jan. 25.
Bag frames, Making fabric covered. W. C. Hiering. 2,106,408; Jan. 25.
Bag opening mechanism. G. Long. 2,106,463; Jan. 25.
Bag tubes or bags, Manufacture of paper or like. A. J. Jones. 2,106,431; Jan. 25.
Bail container. J. M. Hothersall. 2,106,175; Jan. 25.
Ball driving device. H. A. Bodge. 2,106,625; Jan. 25.
Band, Wrist watch. H. K. Smith. 2,106,540; Jan. 25.
Bar stock, Apparatus for cutting. L. A. Frayer and C. L. Harvey. 2,106,274; Jan. 25.
Basket cover. A. H. Schmidtke. 2,106,328; Jan. 25.
Bath and pan, Shower. A. Cheney. 2,106,516; Jan. 25.
Bathing accessory. H. Shoglow. 2,106,664; Jan. 25.
Battery, Storage. T. Matthew. 2,106,222; Jan. 25.
Battery testing device, Storage. C. G. Reets. 2,106,687; Jan. 25.
Bearing and method. A. L. Boegehold and A. W. Schluchter. 2,106,590; Jan. 25.
Bearing for one-way rotation, Baffle gate. A. Law. 2,106,220; Jan. 25.
Bed, Metallic. S. Raduns. 2,106,657; Jan. 25.
Bending rolls machine. P. Parcells. 2,106,534; Jan. 25.
Bibb seating tool. R. G. Hawker. 2,106,173; Jan. 25.
Bicycle lamp. L. M. Wiley. 2,106,231; Jan. 25.
Board: *See*—
  Building board.
Boiler drum. T. W., Bigger and F. L. Hargrove. 2,106,550; Jan. 25.
Bookbinding means. R. A. Williams. 2,106,511; Jan. 25.
Books, Binding. C. J. H. Anderson. 2,106,419; Jan. 25.
Box. A. A. Schlegel. 2,106,663; Jan. 25.
Box construction. B. R. Lewis. 2,106,302; Jan. 25.
Box plate, Adjustable. J. M. Tuten. 2,106,559; Jan. 25.
Braid, Method and apparatus for producing. C. J. Busch. 2,106,674; Jan. 25.
Brake: *See*—
  Fluid pressure brake. Self-adjusting brake.
  Magnetic track brake.
Brake and clutch control device. B. S. Aikman. 2,106,473; Jan. 25.
Brake cylinder, Duplex. E. E. Hewitt. 2,106,484; Jan. 25.
Brake for railway cars and the like, Hand. O. A. Harel. 2,106,349; Jan. 25.
Brake operating mechanism. C. J. Harlow. 2,106,636; Jan. 25.
Brake system. E. E. Hewitt. 2,106,483; Jan. 25.
Brassière. S. Loffmann. 2,106,590; Jan. 25.
Broaching an aperture in an article relative to its outer dimension, Apparatus for. C. J. Halborg. 2,106,212; Jan. 25.
Broaching machine. C. J. Halborg. 2,106,213; Jan. 25.
Broiler. H. Pletcher, M. Bishop, and B. C. Jones. 2,106,506; Jan. 25.
Buffing method and apparatus. H. D. Stevens. 2,106,442; Jan. 25.
Buffing section unit and assembly. L. W. Kreilick and H. E. Taylor. 2,106,610; Jan. 25.
Building board. E. F. Crane. 2,106,390; Jan. 25.
Building construction. H. L. Brooks and H. F. MacIntyre. 2,106,315; Jan. 25.
Building unit. V. J. Hultquist. 2,106,177; Jan. 25.
Building unit and wall. J. W. Warren. 2,106,387; Jan. 25.
Burner: *See*—
  Oil burner.
Bushing, Metal tube lead-in. L. E. Mitchell. 2,106,394; Jan. 25.
Cabinet: *See*—
  Cooling cabinet. Printer's type cabinet.
Cable and pipe clutch. C. D. Garriott. 2,106,373; Jan. 25.
Camera, Photographic. K. Pritschow and H. Dopheide. 2,106,622; Jan. 25.
Can. H. Sebell. 2,106,330; Jan. 25.
Can testing device. G. P. Hensley. 2,106,407; Jan. 25.
Cap remover for containers and the like. G. B. Jenkinson. 2,106,639; Jan. 25.
Car control device, Motor. L. H. Browne. 2,106,401; Jan. 25.
Car ventilator. H. Wagner. 2,106,418; Jan. 25.
Carbinols and product thereby produced, Preparing tertiary ethynyl. O. R. Kreimeier. 2,106,180; Jan. 25.
Carbonylic compounds, Production of. H. P. A. Groll and G. Hearne. 2,106,347; Jan. 25.
Carrier for lengthy articles, Automobile. R. W. Hendrick. 2,106,503; Jan. 25.
Carton, Folding egg. D. Leykoff. 2,106,613; Jan. 25.
Casket ornamentation. R. Larson. 2,106,605; Jan. 25.
Casting bobber. R. J. Mehaffey. 2,106,618; Jan. 25.
Catalytic material and making the same. J. S. Ferguson. 2,106,597; Jan. 25.
Cellulose derivatives, Manufacture and use of. H. Dreyfus. 2,106,297; Jan. 25.
Cellulose nitrate and liquid nitric esters and the products thereof, Acceleration of gelatinisation of. J. T. Power and K. R. Brown. 2,106,168; Jan. 25.
Centrifugal extractor. F. H. Krause. 2,106,600; Jan. 25.
Centrifugal machine. W. H. Bath. 2,106,688; Jan. 25.
Ceramic composition. A. Malinovsky. 2,106,410; Jan. 25.
Ceramic compositions and making the same A. H. Fessler. 2,106,698; Jan. 25.
Chair iron. W. F. Herold. 2,106,174; Jan. 25.
Champagne, Method and apparatus for making and decanting. W. C. Saville. 2,106,192; Jan. 25.
Chestnuts in prime condition, Maintaining. W. C. Anderson. 2,106,314; Jan. 25.
Chopper, Food. S. Braun and F. P. Hess. 2,106,626; Jan. 25.
Chuck. W. F. Groene. 2,106,501; Jan. 25.
Cigarette medication. G. P. Schmitt. 2,106,467; Jan. 25.
Cigarette package and blank or wrapper therefor. F. Le R. Francisco. 2,106,499; Jan. 25.
Circuit breaker. A. J. Thomson. 2,106,580; Jan. 25.
Circuit breaker, Electric. B. H. Leeson and R. W. Wild. 2,106,531; Jan. 25.
Circuit interrupter. C. L. Denault. 2,106,316; Jan. 25.
Circuits, Electric discharge tube. S. Doba, Jr. 2,106,342; Jan. 25.
Circuits, Gas discharge tube. L. K. Swart. 2,106,287; Jan. 25.

Circuits, Gas-filled tube. L. K. Swart. 2,106,286; Jan. 25.
Circulating heater. G. D. Matthews. 2,106,642; Jan. 25.
Clamp: *See*—
  Muller clamp.
Classification. A. C. Munro. 2,106,156; Jan. 25.
Classifier. H. B. Coulter. 2,106,649; Jan. 25.
Cleaner: *See*—
  Pipe cleaner.
Cleat, Adjustable carton. A. L. Poe. 2,106,654; Jan. 25.
Clip: *See*—
  Hair clip.
Closure. M. Leitman. 2,106,459; Jan. 25.
Closure applying machine. D. W. Tiano. 2,106,365; Jan. 25.
Closure for receptacles. P. M. Thorn. 2,106,364; Jan. 25.
Clutch: *See*—
  Cable and pipe clutch.
  Fluid pressure controlled clutch.
Clutch mechanism, Flywheel. W. A. Black. 2,106,338; Jan. 25.
Coatings, Coloring and protective. O. Schober. 2,106,228; Jan. 25.
Cocoa substitution, Producing powdered. S. Buaki. 2,106,372; Jan. 25.
Color of natural stone, Changing the. E. M. Desenderf. 2,106,317; Jan. 25.
Composite pipe. W. B. Ewing. 2,106,404; Jan. 25.
Compressor, B. R. Burke. 2,106,398; Jan. 25.
Compressor, J. C. McCune. 2,106,499; Jan. 25.
Concentrator. A. C. Munro. 2,106,155; Jan. 25.
Condenser: *See*—
  Electrolytic condenser.
Connection, Resilient brake. G. B. Dorey. 2,106,343; Jan. 25.
Construction members, Composite. G. F. Kotrbaty. 2,106,170; Jan. 25.
Contact for electrical apparatus. R. Wilkins. 2,106,332; Jan. 25.
Container: *See*—
  Bail container.
Container. H. G. Grant. 2,106,425; Jan. 25.
Container. C. D. Havemeyer. 2,106,405; Jan. 25.
Container and making the same. H. G. Grant. 2,106,426; Jan. 25.
Container for cigars or the like. E. G. Brandwein. 2,106,475; Jan. 25.
Containers, Making. H. Deber. 2,106,406; Jan. 25.
Containers, Sealing. G. J. Meyer. 2,106,464; Jan. 25.
Control. K. P. Brace. 2,106,450; Jan. 25.
Control device. J. E. Brousseau and F. J. Kerber. 2,106,269; Jan. 25.
Control means for web wrapping machines. E. G. Parvin. 2,106,490; Jan. 25.
Control system. N. C. Price. 2,106,414; Jan. 25.
Control system, Automatic. C. Wilhjelm. 2,106,262; Jan. 25.
Control valve. T. R. Harrison. 2,106,360; Jan. 25.
Conveyer-distributor for cotton and like materials. H. Roberts, Jr. 2,106,280; Jan. 25.
Conveyer mechanism for electric furnaces. G. E. Sell. 2,106,460; Jan. 25.
Cooling cabinet. H. G. Winter. 2,106,263; Jan. 25.
Coupling device, Intermediate-frequency. C. C. Neighbors and H. E. Mathews. 2,106,253; Jan. 25.
Coupling means for permeability-tuned circuits. W. A. Schaper. 2,106,226; Jan. 25.
Cover: *See*—
  Basket cover. Wheel and tire cover.
Cover and applicator. L. H. Amrine. 2,106,313; Jan. 25.
Cover and fastener therefor, Milk pail. F. W. Moore. 2,106,378; Jan. 25.
Covering, Head. E. Lupton. 2,106,570; Jan. 25.
Covering material. J. A. Topping. 2,106,393; Jan. 25.
Craft, Sailing. M. McIntyre. 2,106,432; Jan. 25.
Crate lidding machine. H. E. Twomley. 2,106,643; Jan. 25.
Curler pad. R. M. McFadden. 2,106,326; Jan. 25.
Current apparatus, Alternating. A. V. Petersen. 2,106,556; Jan. 25.
Current controlling article, Flame sensitive. C. C. Hower. 2,106,249; Jan. 25.
Current diversion means. L. E. Fisk and L. E. Lucas. 2,106,564; Jan. 25.
Curtain suspension device, Shower. G. S. Weckstrom. 2,106,585; Jan. 25.
Damper, Hydraulic shock. L. A. Leslie. 2,106,461; Jan. 25.
De-icing attachment for aircraft. J. B. Huntington. 2,106,323; Jan. 25.
Demagnetiser, Portable. J. T. Beechlyn. 2,106,233; Jan. 25.
Demonstrating device. E. N. Curran. 2,106,478; Jan. 25.
Dental tool. V. J. Lacongo. 2,106,252; Jan. 25.
Desk structure. P. M. Wege. 2,106,544; Jan. 25.
Device for applying granular materials. O. D. Shonnard. 2,106,470; Jan. 25.
Dew point of a vapor product, Apparatus for determining the. R. F. Deniston and W. P. Hawthorne. 2,106,593; Jan. 25.
Diathermic apparatus with quenched spark-gap. J. Hofmann. 2,106,428; Jan. 25.
Dispenser: *See*—
  Gasoline dispenser.
Dispensing device. H. G. Lomas. 2,106,377; Jan. 25.
Dispensing device. K. Sandhop. 2,106,290; Jan. 25.
Display case. C. C. Lunary. 2,106,487; Jan. 25.
Disturbance responsive switch. F. B. Johnson and I. Jacobsen. 2,106,605; Jan. 25.
Door structure, Railway car. E. G. Busse. 2,106,166; Jan. 25.
Double belt carrier. J. L. Baldwin. 2,106,514; Jan. 25.
Douche, Distension. W. H. Morse. 2,106,433; Jan. 25.
Drapery hanger. F. J. Schwartz. 2,106,438; Jan. 25.
Drawing instrument. A. P. Bartusch. 2,106,393; Jan. 25.
Drift controlling apparatus for glassware annealing lehrs. D. G. Merrill. 2,106,678; Jan. 25.
Drying device. L. G. Wade. 2,106,445; Jan. 25.
Dyeing with aniline black, Process and composition for. K. Schmidt. 2,106,383; Jan. 25.
Dyes, Manufacture of carbocyanine. W. Schneider. 2,106,383; Jan. 25.
Ejector. R. L. Sparlin. 2,106,261; Jan. 25.
Electric receptacle. G. B. Benander. 2,106,588; Jan. 25.
Electric switch. E. Stewart. 2,106,666; Jan. 25.
Electric switch. K. J. Unwin. 2,106,581; Jan. 25.
Electrical apparatus. L. W. Gulp. 2,106,211; Jan. 25.
Electrical device. J. R. Flegal and N. Y. Priesman. 2,106,244; Jan. 25.
Electrical distribution system. W. H. Frank. 2,106,595; Jan. 25.
Electrical terminal. A. M. Draving. 2,106,595; Jan. 25.
Electrolytic condenser. F. Keller and C. M. Hastings. 2,106,178; Jan. 25.
Electrolytic device. P. M. Dooley. 2,106,208; Jan. 25.
Electromagnetic apparatus. A. Winther. 2,106,543; Jan. 25.
Electron discharge device control system. A. Gaudenzi. 2,106,524; Jan. 25.
Electrotherapeutic apparatus. J. Hofmann. 2,106,429; Jan. 25.
Elevator classifier. A. C. Munro. 2,106,154; Jan. 25.
Elevator, Suction. A. Lowy. 2,106,183; Jan. 25.
Engine: *See*—
  Rotary steam engine.
Engine blower drive and control. E. S. Bush. 2,106,287; Jan. 25.
Engine mounting. J. Tsarda. 2,106,541; Jan. 25.
Envelope machine. A. Nevick. 2,106,255; Jan. 25.
Etching, Apparatus for electrical. J. Homert. 2,106,455; Jan. 25.
Ethynyl carbinols and preparing the same. O. R. Kreimeier. 2,106,181; Jan. 25.
Evaporator. R. V. Cook. 2,106,295; Jan. 25.
Excavator, Pull shovel. A. Carlesimo. 2,106,402; Jan. 25.
Extensometer. R. B. Lewis. 2,106,696; Jan. 25.
Extinguisher. J. Humblet. 2,106,430; Jan. 25.
Extractor: *See*—
  Centrifugal extractor.
Eyeshade, Spectacle. E. D. Maurer. 2,106,615; Jan. 25.
Fabric: *See*—
  Woven fabric.
Facer, Duplex single. H. B. Greenwood. 2,106,500; Jan. 25.
Feed and cut-off mechanism. L. A. Frayer. 2,106,275; Jan. 25.
Fence. P. E. Hunter. 2,106,601; Jan. 25.
Fertiliser distributor. W. A. Moorhead. 2,106,645; Jan. 25.
Fifth wheel. C. G. Seyferth. 2,106,258; Jan. 25.
Filling apparatus for fluid, plastic, or various other materials, Vacuum and pressure. C. F. Adams. 2,106,492; Jan. 25.
Film and sheet of organic derivatives of cellulose. C. Dreyfus and G. Schneider. 2,106,296; Jan. 25.
Film magazine. L. Goldhammer and P. Frost. 2,106,374; Jan. 25.
Filter for filter type respirators. N. Schwartz. 2,106,257; Jan. 25.
Filtering. R. D. and M. J. Elliott. 2,106,318; Jan. 25.
Filtering apparatus. J. H. Krieck. 2,106,218; Jan. 25.
Firearm, Multiple-barrel. L. Stiennon. 2,106,416; Jan. 25.
Fire protecting means. J. Humblet. 2,106,376; Jan. 25.
Fishhook. C. Bryan. 2,106,370; Jan. 25.
Flexing machine. E. Fogelson. 2,106,171; Jan. 25.
Fluid pressure brake. E. R. Fitch. 2,106,479; Jan. 25.
Fluid pressure brake. E. R. Fitch and G. T. McClure. 2,106,480; Jan. 25.
Fluid pressure brake. E. P. Serton. 2,106,491; Jan. 25.
Fluid pressure brake. A. W. Simmons. 2,106,471; Jan. 25.
Fluid pressure controlled clutch. B. S. Aikman. 2,106,472; Jan. 25.
Fluids, Process and apparatus for contacting. S. Tijmstra. 2,106,396; Jan. 25.
Folding machine and covering insoles to which said machine may be applied. F. E. Bertrand. 2,106,269; Jan. 25.
Folding table. B. F. Sweeney. 2,106,309; Jan. 25.
Foreign matter from liquids, Method of and apparatus for removing. C. and H. Doering. 2,106,630; Jan. 25.

Form, Shoe. W. J. De Witt. 2,106,497; Jan. 25.
Formamide, Manufacture of. W. B. Tanner. 2,106,579; Jan. 25.
4-Aminodiphenyl complex. R. L. Jenkins. 2,106,550; Jan. 25.
4-Aminodiphenyl compounds. R. L. Jenkins. 2,106,551; Jan. 25.
Frame and seat. C. H. Menge. 2,106,644; Jan. 25.
Frame for advertising cards. M. T. Ashe. 2,106,203; Jan. 25.
Fuel composition, Motor. W. R. Savage. 2,106,661-2; Jan. 25.
Furnace: *See*—
Gas melting furnace. Heat treating furnace.
Gauge scorer. R. H. Paul. 2,106,466; Jan. 25.
Garment, Child's. W. Murphey. 2,106,646; Jan. 25.
Garment, Drop seat. J. H. Le Coney. 2,106,553; Jan. 25.
Garment hanger. B. Cahn. 2,106,563; Jan. 25.
Garment, Static resisting. S. S. and J. B. Hall. 2,106,248; Jan. 25.
Gas generator. V. D. McDonnell. 2,106,184; Jan. 25.
Gases, Absorption of acidic. D. W. Parkes and R. B. Evans. 2,106,435; Jan. 25.
Gasoline dispenser. C. Pleuthner. 2,106,679; Jan. 25.
Gear: *See*—
Variable speed gear.
Gear, Locating, locking, and indicating means for a shiftable. J. C. Woodford. 2,106,686; Jan. 25.
Generator: *See*—
Gas generator.
Glass feeding apparatus. L. G. Bates. 2,106,545; Jan. 25.
Glass handling apparatus, Sheet. J. H. Moller. 2,106,573; Jan. 25.
Glass, Low expansion annealed. H. P. Hood. 2,106,526; Jan. 25.
Glass melting furnace. R. W. Canfield. 2,106,547; Jan. 25.
Glassware, Apparatus for forming. R. W. Canfield and T. Waugh. 2,106,546; Jan. 25.
Glassware, Making hollow. T. H. Sloan. 2,106,193; Jan. 25.
Gold mining machinery. R. G. Nelder. 2,106,157; Jan. 25.
Governor. J. J. Ring and B. R. Nichols. 2,106,684; Jan. 25.
Gravel, and the like, Method and apparatus for separating. A. M. Lockett and H. H. Holloway. 2,106,532; Jan. 25.
Guard, Saw. G. Guertin. 2,106,321; Jan. 25.
Gyroscopic fluid meter. E. F. Stover. 2,106,194; Jan. 25.
Hair clip. F. Beiter. 2,106,561; Jan. 25.
Hairpin. E. I. Veitch. 2,106,417; Jan. 25.
Hair treating device. C. Ligot. 2,106,355; Jan. 25.
Handwheel for grinders. G. J. Federighi. 2,106,319; Jan. 25.
Hanger: *See*—
Drapery hanger. Garment hanger.
Hat. R. Lipton. 2,106,571; Jan. 25.
Heat treating furnace. Le R. A. Lindberg. 2,106,462; Jan. 25.
Heater: *See*—
Circulating heater.
Hinge. H. F. Smith. 2,106,509; Jan. 25.
Hold open device. B. S. Bernhard. 2,106,448; Jan. 25.
Holder: *See*—
Tool holder.
Holder for a roll of strip material. S. Tesher and S. A. Koreman. 2,106,363; Jan. 25.
Homing machine. A. M. Johnson. 2,106,216; Jan. 25.
Horn, Motor. C. V. McBroom. 2,106,303; Jan. 25.
Humidity and air cooling machine. J. M. Barrett. 2,106,560; Jan. 25.
Hydrocarbons, Purifying chlorinated. F. Povens and A. Rieche. 2,106,158; Jan. 25.
Hydroxy compounds, Preparation of halogenated organic. R. L. Langedijk. 2,106,353; Jan. 25.
Incandescent electric lamp. C. H. Braselton. 2,106,689; Jan. 25.
Indicator: *See*—
Liquid level indicator.
Insect electrocutor. L. T. Jones and J. K. Ellsworth. 2,106,586; Jan. 25.
Insect excluder. E. E. Hewitt. 2,106,485; Jan. 25.
Insole. R. W. Shaw. 2,106,508; Jan. 25.
Insulating composition. E. F. Mees. 2,106,617; Jan. 25.
Insulator heads, Manufacture of. G. C. Neck. 2,106,647; Jan. 25.
Insulator stack, Switch and bus. R. L. McCoy. 2,106,616; Jan. 25.
Interchangeable sign. W. I. Heary. 2,106,375; Jan. 25.
Iron, Electric soldering. J. Schubert. 2,106,439; Jan. 25.
Island display stand, Knock-down. H. P. Hughes. 2,106,501; Jan. 25.
Joint and making the same. G. H. Hufferd. 2,106,567; Jan. 25.
Joint mechanism, Universal. H. Wollner. 2,106,672; Jan. 25.
Juices from vegetable pulp and the like, Method and apparatus for the extraction of. C. E. Jenkins. 2,106,409; Jan. 25.
Keyboard cam actuating roll for typesetting machines. S. Rich. 2,106,225; Jan. 25.
Knitting machinery. J. Morton and R. S. E. Hannay. 2,106,434; Jan. 25.
Lacquers and coating compositions, Manufacture of colored. A. Consetti. 2,106,518; Jan. 25.
Lacquers and film-forming coatings, Manufacture of colored. A. Consetti. 2,106,519; Jan. 25.
Lamp: *See*—
Bicycle lamp. Incandescent electric lamp.
Lamp switching mechanism. A. J. Potè. 2,106,413; Jan. 25.
Lead, Manufacture of white. P. La F. Magill. 2,106,555; Jan. 25.
Leyeese and the like, Apparatus for constructing. F. C. Ruhlick. 2,106,189; Jan. 25.
Lifter: *See*—
Plate lifter.
Lime sulphur compositions, Making dry. C. I. Chubbuck. 2,106,294; Jan. 25.
Liquid level indicator. F. R. Moore. 2,106,574; Jan. 25.
Liquid pressure mechanism. B. Dick. 2,106,592; Jan. 25.
Liquid reagents, Continuous method of reacting. R. M. Deanesly. 2,106,521; Jan. 25.
Liquid shut-off device, Automatic. C. W. Wildebour. 2,106,197; Jan. 25.
Liquid to textile materials, Applying. W. Whitehead. 2,106,311; Jan. 25.
Lead indicator device. M. L. Pinson. 2,106,652; Jan. 25.
Lock: *See*—
Nut lock.
Loom. F. D. Lindquist. 2,106,504; Jan. 25.
Looms, Shuttle guard attachment for. H. J. Tyree, C. Talley, and G. A. Gill. 2,106,510; Jan. 25.
Lubricants and manufacturing the same. A. H. Gleason. 2,106,247; Jan. 25.
Lubricants, Testing. F. A. Faville. 2,106,170; Jan. 25.
Luminous tube display. A. C. Deans. 2,106,238; Jan. 25.
Machine for covering wire with a helical wrapping. A. J. Sands. 2,106,437; Jan. 25.
Machine for lacing shoe uppers. J. Fossa. 2,106,320; Jan. 25.
Machine for pressing the bottoms of shoes. F. L. Mooney. 2,106,277; Jan. 25.
Machine for the manufacture of biscuits. M. E. Giredin. 2,106,633; Jan. 25.
Machine for use in the manufacture of woven material. E. A. Bessom and C. H. Pepin. 2,106,267; Jan. 25.
Machine tool. A. M. Johnson. 2,106,217; Jan. 25.
Magnesium and magnesium alloys, Refinement of. A. Leschenowsky. 2,106,221; Jan. 25.
Magnetic track brake. J. C. McCune. 2,106,489; Jan. 25.
Mail treating machine. C. D. Ryan. 2,106,191; Jan. 25.
Manifolding. C. W. Brenn. 2,106,165; Jan. 25.
Material impermeable to ultra-violet rays and production thereof. O. Gerngross and A. Callo. 2,106,599; Jan. 25.
Materials, Apparatus for treating. E. J. Scott. 2,106,329; Jan. 25.
Materials by impregnation, Printing of fibrous. M. R. Greiser. 2,106,634; Jan. 25.
Materials, Treatment of. H. Dreyfus. 2,106,298; Jan. 25.
Measuring device. C. J. Officer, Jr. 2,106,649; Jan. 25.
Mechanism for raising bottles on to the table of a bottle filling and capping machine. A. G. Enock. 2,106,210; Jan. 25.
Mercapto-thiazole derivatives. L. Orthner and E. Zaucker. 2,106,465; Jan. 25.
Metal, Apparatus for handling molten. K. S. Howard and J. H. Locke. 2,106,456; Jan. 25.
Metal mold. K. A. Lindner. 2,106,614; Jan. 25.
Metal to prevent localised corrosive attack, Surface treatment of. C. A. Scharsche and G. C. Kiefer. 2,106,227; Jan. 25.
Meter: *See*—
Gyroscopic fluid meter. Piston meter.
Meter for electricity, gas, and like commodities, Prepayment. G. Wall. 2,106,562; Jan. 25.
Mirror device, Vanity. J. O. Newell. 2,106,254; Jan. 25.
Mold: *See*—
Metal mold.
Motor: *See*—
Water motor.
Motor-block stand. W. G. Vollmer. 2,106,367; Jan. 25.
Motor vehicle. M. Tibbetts. 2,106,195; Jan. 25.
Mounting: *See*—
Ophthalmic mounting.
Mounting for electrical apparatus, Cable. M. Hedlund. 2,106,548; Jan. 25.
Mounting of electric insulators. L. Thiry. 2,106,667; Jan. 25.
Mowing machine. G. A. Leitch. 2,106,641; Jan. 25.
Muffler. H. L. Hartnett. 2,106,462; Jan. 25.
Muffler clamp. J. J. Compo. 2,106,628; Jan. 25.
Multiple leaf spring. M. V. O'Donnell. 2,106,411; Jan. 25.
Musical instrument, Wind. J. Sattler. 2,106,281; Jan. 25.
Necktie and making the same. W. B. Rose. 2,106,256; Jan. 25.
Newspaper sound record supplements, Manufacture of. W. G. H. Finch. 2,106,245; Jan. 25.
Nozzle, Delivery. J. Daff, Jr. 2,106,590; Jan. 25.
Nut lock. S. R. Thornton. 2,106,669; Jan. 25.

Odor control for liquid fuel burning stoves. S. Coleman and B. W. Tullis. 2,106,690; Jan. 25.
Oil burner. O. J. Appel. 2,106,265; Jan. 25.
Oils, Lubricating. E. H. Lincoln and A. Henriksen. 2,106,554; Jan. 25.
Oils, Production of high quality lubricating. H. Zorn and W. Rosinsky. 2,106,222; Jan. 25.
Oils, Solvent extraction of. U. B. Bray. 2,106,234; Jan. 25.
Oiler, Flange. J. G. Skinner. 2,106,665; Jan. 25.
Ophthalmic mounting. E. M. Spitzbe. 2,106,282-4; Jan. 25.
Optical adjusting device for cinematographic apparatus. P. Angenieux and J. M. Gutmann. 2,106,397; Jan. 25.
Optical device for measuring angles, such as sextants. A. Lepetit. 2,106,460; Jan. 25.
Ore concentrator. R. P. Akins. 2,106,390; Jan. 25.
Ornamenting device. A. W. Altvater. 2,106,212; Jan. 25.
Overshoe, Antiskid. T. M. Walker. 2,106,670; Jan. 25.
Oxygen emergency apparatus with closed respiratory circuit. M. Hausmann. 2,106,393; Jan. 25.
Package. R. L. Wise. 2,106,388; Jan. 25.
Package, Merchandising. W. T. Cox. 2,106,629; Jan. 25.
Package, Wire bound. J. W. Simmons. 2,106,584; Jan. 25.
Packing material and assembly. G. Christenson, 2,106,293; Jan. 25.
Pad: *See*—
Carrier pad.
Paper supporting and feeding apparatus. O. J. Sundstrand. 2,106,255; Jan. 25.
Pencil, Mechanical. W. H. Blake. 2,106,389; Jan. 25.
Perfume materials unstable to heat, Extracting. P. L. Young and P. J. Wiesevich. 2,106,200; Jan. 25.
Petroleum emulsions, Breaking. M. De Groote. 2,106,239; Jan. 25.
Petroleum emulsions, Breaking. M. De Groote. 2,106,241-4; Jan. 25.
Petroleum emulsions, Breaking. M. De Groote and B. Keiser. 2,106,240; Jan. 25.
Photographic apparatus. P. J. Rentmeesters. 2,106,659; Jan. 25.
Pigmented composition. G. Barsky, G. Klinkenstein, C. Kohleder, and C. F. Silleck. 2,106,447; Jan. 25.
Pipe: *See*—
Composite pipe.
Pipe cleaner. J. Whiting. 2,106,584; Jan. 25.
Pipe for internal combustion engines, Exhaust. O. Hansson. 2,106,427; Jan. 25.
Pistol, Cap. J. L. O'Connor. 2,106,642; Jan. 25.
Piston meter. W. H. Parker and N. J. Seibert. 2,106,651; Jan. 25.
Planographic plate, Sheet aluminum. W. B. Wescott. 2,106,266; Jan. 25.
Plate lifter. S. Durnj. 2,106,291; Jan. 25.
Plug: *See*—
Spark plug.
Plywood and furniture made therefrom. F. C. O. Thomas. 2,106,443; Jan. 25.
Pole fitting. R. H. Pittman. 2,106,305; Jan. 25.
Polishing machine, Portable. H. J. Pattison and W. K. Barton. 2,106,535; Jan. 25.
Posts, Making fence. P. B. Hunter. 2,106,602; Jan. 25.
Pot for die casting machines. L. H. Morin. 2,106,505; Jan. 25.
Pot, Underfeed fire. A. E. Paige. 2,106,621; Jan. 25.
Power control mechanism. P. E. Hawkins. 2,106,502; Jan. 25.
Power plant. H. Gleichmann. 2,106,346; Jan. 25.
Preselector system. D. V. Shuninger. 2,106,229; Jan. 25.
Pressure controlling valve. A. J. E. and K. G. V. Rylander. 2,106,537; Jan. 25.
Pressure pump. H. Nilsen. 2,106,630; Jan. 25.
Printer's type cabinet. A. B. Ball. 2,106,163; Jan. 25.
Printing attachment for addressing machines, Repeat. H. P. Elliott. 2,106,675; Jan. 25.
Printing surfaces, Mounting. E. G. Newing. 2,106,379; Jan. 25.
Printing telegraph system. E. A. Dumoulet. 2,106,691; Jan. 25.
Proportioning valve. A. C. Meagher. 2,106,572; Jan. 25.
Pump: *See*—
Pressure pump. Rotary pump.
Punching mechanism. J. D. Baker. 2,106,180; Jan. 25.
Quick release valve. W. E. Huffman and G. W. Replogle. 2,106,176; Jan. 25.
Radio apparatus, Automobile. W. Bunga. 2,106,159; Jan. 25.
Rail flaw detecting apparatus, Track. W. H. Grindall and A. E. F. Billstein. 2,106,694; Jan. 25.
Razor, Safety. H. H. Bates and W. O. Bates, Jr. 2,106,587; Jan. 25.
Reaction product and process. H. A. Bruson and L. W. Covert. 2,106,452; Jan. 25.
Receptacle: *See*—
Electric receptacle.
Receptacle for plastic substances, Dispensing. W. E. Sherbondy. 2,106,577; Jan. 25.
Receptacles, Method and apparatus for the molding of covered ceramic. B. S. Purinton. 2,106,415; Jan. 25.
Record cut-out assembly, Home. L. W. Franklin. 2,106,693; Jan. 25.
Records, Making phonographic. B. A. Procter and F. C. W. Thiede. 2,106,623; Jan. 25.
Reflector, in particular for vehicles. F. Nielsen. 2,106,533; Jan. 25.
Refolding mechanism for duplicating machines. A. B. Cooke. 2,106,520; Jan. 25.
Refractory for contacting molten glass. J. C. Hostetter. 2,106,527; Jan. 25.
Refrigerating apparatus. R. M. Smith. 2,106,585; Jan. 25.
Refrigerating system. H. F. Briggeman and R. A. Fuller. 2,106,591; Jan. 25.
Refrigeration apparatus, Steam jet. E. F. Stalcup. 2,106,342; Jan. 25.
Refrigerator closure means. N. R. Tripp. 2,106,386; Jan. 25.
Refrigerator, Truck. W. E. Hauser. 2,106,637; Jan. 25.
Register. H. M. Fleming. 2,106,273; Jan. 25.
Regulator: *See*—
Shower temperature regulator.
Resin, Triethanolamine. C. Ellis. 2,106,522; Jan. 25.
Resins from m-phenylenediamine, Production of anion-exchange. W. H. Kirkpatrick. 2,106,486; Jan. 25.
Resinous body and making same, Complex. C. Ellis. 2,106,523; Jan. 25.
Resistor. C. A. Jagger. 2,106,604; Jan. 25.
Revolving seat. T. D. Owler. 2,106,650; Jan. 25.
Rim, Circumferentially divided wheel. W. J. Cox. 2,106,421; Jan. 25.
Roll grinding machine. E. Hutchens. 2,106,215; Jan. 25.
Roof construction. J. A. Topping. 2,106,396; Jan. 25.
Rope transmission. O. Ohnesorge. 2,106,358; Jan. 25.
Rotary pump. E. W. Hepler. 2,106,600; Jan. 25.
Rotary steam engine. L. W. Downward. 2,106,371; Jan. 25.
Safety device and valve therefor. S. Kasanjian. 2,106,606; Jan. 25.
Safety device for motion picture projecting machines. C. F. Lick. 2,106,354; Jan. 25.
Sailboat. C. N. Edge. 2,106,206; Jan. 25.
Salt preparations and preparing them, Stable diaso. K. Schnitzspahn. 2,106,539; Jan. 25.
Saw apparatus, Circular. H. E. Tautz. 2,106,288; Jan. 25.
Scale in evaporators, Removing and/or preventing the deposition of. C. F. Weston. 2,106,196; Jan. 25.
Screw locking means. M. H. Redmer. 2,106,278; Jan. 25.
Sealing composition, using same, and articles made therewith. K. Schwartzwalder and W. S. Kirk. 2,106,578; Jan. 25.
Seam for metal can bodies, Side. W. F. Punte. 2,106,656; Jan. 25.
Seat: *See*—
Revolving seat.
Self-adjusting brake. H. D. Colman. 2,106,167; Jan. 25.
Sewing machines, Fabric feeding mechanism for. N. V. Christensen, C. F. Bubel, C. C. Smith and H. J. Le Vesconte. 2,106,517; Jan. 25.
Sewing machines, Fabric feeding mechanism for. C. F. Bubel and H. J. Le Vesconte. 2,106,536; Jan. 25.
Sheet, Coated flexible. W. D. Bowiby. 2,106,164; Jan. 25.
Sheet delivery device and method. A. Wormser. 2,106,190; Jan. 25.
Shelf, Extension. P. F. Schmitt. 2,106,533; Jan. 25.
Shim structure. R. W. Springer. 2,106,285; Jan. 25.
Shingle, Roofing. G. I. Ray. 2,106,624; Jan. 25.
Shirt. J. Oviatt. 2,106,412; Jan. 25.
Shock absorber. G. W. Elsey. 2,106,272; Jan. 25.
Shock absorber for airplane landing gears, Air metered. R. P. Williams. 2,106,198; Jan. 25.
Shoe and making the same. J. A. Green. 2,106,676; Jan. 25.
Shoe bottom units, Manufacture of reinforced. S. G. Ross. 2,106,279; Jan. 25.
Shower temperature regulator, Water. N. Iacino. 2,106,568; Jan. 25.
Sign: *See*—
Interchangeable sign.
Sign display and making same, Electric. A. L. Smith. 2,106,331; Jan. 25.
Signal, Apparatus for controlling a waving crossing. W. Dinnerville. 2,106,594; Jan. 25.
Signal device. G. Mellen and L. A. Hicks. 2,106,643; Jan. 25.
Signal device, Automobile. D. E. Wilson. 2,106,333; Jan. 25.
Signal for automobiles, Direction. W. Ross. 2,106,660; Jan. 25.
Signal system, Selective. J. C. Field. 2,106,498; Jan. 25.
Signaling system. F. K. Low. 2,106,356; Jan. 25.
Signaling system, Highway crossing. O. S. Field and J. E. Willing. 2,106,682; Jan. 25.
Signaling system, Highway crossing. S. J. Mackey. 2,106,681; Jan. 25.
Signaling system, Highway crossing. W. H. Reichard. 2,106,680; Jan. 25.
Signaling system, Highway crossing. J. E. Willing. 2,106,683; Jan. 25.

Sizer, Fruit. F. W. Cutler. 2,106,241; Jan. 25.
Skew and bow in woven material, Apparatus for correcting. C. W. La Pierre. 2,106,611; Jan. 25.
Spark plug. C. R. Boyd. 2,106,449; Jan. 25.
Spark plugs, Apparatus for assembling. A. M. Brown. 2,106,451; Jan. 25.
Spear, Releasing. O. A. Brown. 2,106,235; Jan. 25.
Speed control device. T. A. Byers. 2,106,493; Jan. 25.
Spout, Pouring. A. S. Rough. 2,106,331; Jan. 25.
Spray coating apparatus. W. E. Naugler. 2,106,187; Jan. 25.
Spraying device. J. H. Brennan. 2,106,627; Jan. 25.
Spring: See—
Multiple leaf spring.
Spring assembly. H. H. Lanning. 2,106,219; Jan. 25.
Stand: See—
Island display stand. Motor-block stand.
Star-pointing mechanism for blank-making machines. R. M. Dallas. 2,106,271; Jan. 25.
Steering wheel, Automobile. P. E. Erickson. 2,106,169; Jan. 25.
Stereoscopic range finder having stationary measuring marks. O. Eppenstein. 2,106,631; Jan. 25.
Straightener for woven material. C. W. La Pierre and F. R. Monger. 2,106,612; Jan. 25.
Strainer for insertion in the mouths of liquid containers, Portable. R. B. Ekdahl. 2,106,453; Jan. 25.
Strut, Collapsible. J. F. Wallace. 2,106,289; Jan. 25.
Stylus finding sheet assembly. G. A. Giles. 2,106,481; Jan. 25.
Superphosphate, Manufacture of. S. G. Nordengren. 2,106,223; Jan. 25.
Supplementary device for binocular range finders. O. Freund. 2,106,632; Jan. 25.
Support: See—
Arch support. Tool support.
Support for reinforcing steel. F. D. Reiland. 2,106,576; Jan. 25.
Switch: See—
Discontinuance responsive switch. Electric switch. Telephone switch.
Table: See—
Folding table.
Table. M. B. Pyle. 2,106,436; Jan. 25.
Table and ironing board, Combined. F. Dahl. 2,106,422; Jan. 25.
Tank vehicle. R. W. Crossen, Jr. and H. Somerbell. 2,106,209; Jan. 25.
Target. J. A. Pollard. 2,106,655; Jan. 25.
Telegraph system. T. A. Marshall. 2,106,357; Jan. 25.
Telephone switch. G. Fourness. 2,106,299; Jan. 25.
Telephone system. R. Raymond. 2,106,360; Jan. 25.
Teletypewriter station. F. S. Kinkead. 2,106,352; Jan. 25.
Television receiver tube. M. Knoll. 2,106,250; Jan. 25.
Testing system. C. N. Hickman and B. A. Kingsbury. 2,106,350; Jan. 25.
Thermometer. C. C. Schweiso. 2,106,507; Jan. 25.
Thermostatic fitting. P. H. Thompson, II. 2,106,668; Jan. 25.
Thiocarbanilide derivatives. R. L. Jenkins and M. M. Levine. 2,106,552; Jan. 25.
Throttle and transmission interlock. O. K. Kelley. 2,106,607; Jan. 25.
Tire and valve stem. L. C. Broecker. 2,106,673; Jan. 25.
Tonsillotome. J. T. Moore. 2,106,575; Jan. 25.
Tool: See—
Bibb seating tool. Machine tool.
Dental tool. Valve refacing tool.
Tool for watch balance wheels, Truing. W. Podgurski. 2,106,653; Jan. 25.
Tool holder, Universal. E. E. Henry. 2,106,525; Jan. 25.
Tool support. J. O. Holmes. 2,106,214; Jan. 25.
Torch, Gas-arc. R. Embleton. 2,106,692; Jan. 25.
Toy, Milking cow. M. A. Bucci. 2,106,562; Jan. 25.
Toy pistol. C. A. Brethen and J. Gora. 2,106,400; Jan. 25.
Toy, Traffic-line. G. Einfalt. 2,106,424; Jan. 25.
Trailer leg. L. L. Whitson. 2,106,230; Jan. 25.
Transmission control, Automatic. H. A. Smith. 2,106,307; Jan. 25.
Transmission, Hydraulic. D. S. de Lavaud. 2,106,423; Jan. 25.
Transmission, Power shift. O. K. Kelley. 2,106,608; Jan. 25.
Transmission system. H. S. Black. 2,106,337; Jan. 25.
Transmission, Vacuum controlled. D. K. Badertscher. 2,106,292; Jan. 25.
Trend, Safety. C. A. Beaumont and F. Sherritt. 2,106,290; Jan. 25.
Trimming. W. F. Thumm. 2,106,260; Jan. 25.
Trough, Chick feed. R. O. Bate. 2,106,266; Jan. 25.
Trousers. S. Adamson. 2,106,334; Jan. 25.
Truck, Car. H. M. Pflager. 2,106,359; Jan. 25.
Tube: See—
Television receiver tube. Vacuum tube.
Tube for trombones and similar instruments, Stationary inner slide. R. B. Olds. 2,106,227; Jan. 25.
Type wheel. C. A. Putnam and C. F. Hobbins. 2,106,306; Jan. 25.
Union Explosionproof. N. A. Tornblom. 2,106,444; Jan. 25.
Vacuum tube. P. M. Haffcke. 2,106,172; Jan. 25.
Valve: See—
Automatic shut-off valve. Proportioning valve.
Control valve. Quick release valve.
Pressure controlling valve.
Valve. W. K. Conover. 2,106,340; Jan. 25.
Valve. W. A. Heaney. 2,106,404; Jan. 25.
Valve. J. E. Warrick. 2,106,310; Jan. 25.
Valve reducing tool. W. Aab. 2,106,201; Jan. 25.
Valve stem. R. B. Hillier. 2,106,636; Jan. 25.
Valve stem and check valve therefor. F. H. Watson. 2,106,671; Jan. 25.
Variable speed gear, Automatic. E. Jacques. 2,106,603; Jan. 25.
Varnish and paper drying machine. M. J. Brisard. 2,106,239; Jan. 25.
Vehicle: See—
Motor vehicle. Tank vehicle.
Vehicle body. R. L. Carr. 2,106,403; Jan. 25.
Vehicle body construction. J. Ledwinka. 2,106,677; Jan. 25.
Vending machine. L. H. Morin. 2,106,195; Jan. 25.
Vent, Air. W. J. Woolley. 2,106,512; Jan. 25.
Ventilator: See—
Car ventilator.
Vessel for high pressures, Hollow. H. Debor. 2,106,494; Jan. 25.
Vessels, Making pressure. H. Debor. 2,106,495; Jan. 25.
Veterinarian's instrument. P. J. Harder. 2,106,635; Jan. 25.
Voltage or gain control. F. B. Anderson, C. O. Mallinckrodt, and A. L. Stillwell. 2,106,336; Jan. 25.
Volume control system, Automatic. A. Crossley and H. E. Meinema. 2,106,207; Jan. 25.
Wadding. C. A. Fourness. 2,106,246; Jan. 25.
Wagon and sled, Convertible coaster. A. J. Kelly. 2,106,530; Jan. 25.
Wash box discharge control. E. J. Burnell and W. J. Heacock. 2,106,204; Jan. 25.
Washing apparatus. W. L. Merrill. 2,106,619; Jan. 25.
Water motor. S. Amasiamakis. 2,106,264; Jan. 25.
Weatherproofing structure for doors. D. H. Harnly. 2,106,522; Jan. 25.
Wheel: See—
Fifth wheel. Type wheel.
Steering wheel.
Wheel. F. W. Burger. 2,106,270; Jan. 25.
Wheel. E. G. Hallquist. 2,106,566; Jan. 25.
Wheel and tire cover, Spare. O. U. Zerk. 2,106,586; Jan. 25.
Wheel suspensions. W. D. Allison. 2,106,291; Jan. 25.
Window. J. L. Soderberg. 2,106,308; Jan. 25.
Window fixture. G. E. Alphin. 2,106,420; Jan. 25.
Window operating device. J. E. Auld. 2,106,360; Jan. 25.
Window structure. F. G. Ludwig. 2,106,251; Jan. 25.
Wire coiling and interweaving mechanism. P. F. Frost and J. C. Anderson. 2,106,454; Jan. 25.
Wiring device. R. R. Keesee. 2,106,324; Jan. 25.
Wood products, Making. E. H. Schroth. 2,106,468; Jan. 25.
Woven fabric. E. Hyman. 2,106,457; Jan. 25.
Wrapper, Sandwich. A. Kovalik. 2,106,640; Jan. 25.
Wrappers on the rolling apron of a cigar rolling device, Apparatus for placing. F. H. B. Stelser. 2,106,441; Jan. 25.
Xanthates of resin alcohols and their production. P. A. Ray. 2,106,558; Jan. 25.

CLASSIFICATION OF PATENTS

ISSUED JANUARY 25, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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Designs	100—No.	107,733 to No.	107,832, inclusive.
Total	993		

International Convention—Adhesion Tanganyika

This Office has been notified by the Secretary of State of the receipt of a notice from the Minister of Switzerland that the United Kingdom of Great Britain and Northern Ireland has adhered, for the Territory of Tanganyika, to the International Convention for the Protection of Industrial Property, as revised at The Hague on November 6, 1925, the adhesion to take effect on January 1, 1938.

CONWAY P. COE,
Commissioner of Patents.

Interference Notice

U. S. PATENT OFFICE, *Washington, D. C., Dec. 3, 1937.*

Robert W. Edens and Omer E. Brubaker, their assigns or legal representatives, take notice:

Four interferences having been declared by this Office between a joint application for patent of Robert W. Edens and Omer E. Brubaker, of 940 Rhodeland Avenue and 2002 Pershing Avenue, San Bernardino, California, respectively, and applications for patent filed by Edwin H. Daniels, 249 South Willard Street, San Jose, California, and Edison Harrington, 1128 Fugate Street, Houston, Texas, and ten other applications, and counsel for the parties Edens and Brubaker having been unable to secure satisfactory service upon said Edens and Brubaker, notice is hereby given that unless said Edens and Brubaker, their assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

Notice of Cancellation

U. S. PATENT OFFICE, *Washington, D. C., Dec. 1, 1937.*

Charles D. Fox, his assigns or legal representatives, take notice:

A cancellation proceeding has been instituted by this Office upon the application of Modern Merchandising Bureau, Inc., 24 West 44th Street, New York, N. Y., to effect the cancellation of trade-mark registration of M. Hirshfield, No. 341,176, dated April 17, 1906. The assignment records of this Office show a transfer of title to this registration to Charles D. Fox, New York, N. Y., who has been substituted for said M. Hirshfield to defend the registration concerned. The notice of such proceeding sent by registered mail to Charles D. Fox, at the said address, having been returned by the post office as undeliverable, notice is hereby given that unless Charles D. Fox, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in the case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

JUSTIN W. MACKLIN,
First Assistant Commissioner.

SUITS UNDER SECTION 4915 R. S. (35 U. S. C. 63)

Rules of the District Court of the United States for the District of Columbia—Excerpts from

LAW RULE 75, par. 6:

Whenever a case, which has progressed as far as the ready calendars, has been settled or dismissed, the attorneys therein shall at once notify the assignment commissioner of that fact.

EQUITY RULE 52:

A bill in equity shall not be dismissed at the instance of plaintiff except upon motion.

(Emphasis added.)

Service of Papers in Contested Cases

Attention is called to Rule 153 (c), which requires that "every paper" filed in a contested case in the Patent Office must be served upon the other parties.

This includes all appeals in such cases.

Condition of Applications Under Examination at Close of Business December 18, 1937

(Total number of applications awaiting action, excluding Trade-Mark Division, 42,897; Trade-Mark Division, 1,754. Oldest new case, June 10, 1937; oldest amended, May 20, 1937.)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	July 19	July 19	744
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Aug. 21	Aug. 11	774
4098	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Oct. 18	Oct. 14	425
7083	4. DONNELLY, A. E. (Act.), Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Sept. 18	Sept. 18	482
8077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	Sept. 21	Sept. 27	511
4080 C	6. LEWERS, A. M., Carbon Chemistry (part)	Sept. 15	Sept. 15	747
6716	7. JARBOE, C. G., Optics; Photography	Sept. 4	Sept. 7	1022
2828	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Sept. 10	Sept. 16	888
4824	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Aug. 10	Aug. 10	803
6613	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies, and Tops; Vehicle Fenders; Spring Devices.	Aug. 13	Aug. 20	826
6607 D	11. BENHAM, E. V., Boots, Shoes, and Leggings; Buttons, Eyelet, and Rivet Setting; Harness; Leather Manufacture; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Sept. 22	Sept. 23	476
7701	12. HENRY, O. O., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	July 31	Aug. 4	666
6006	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging, and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling)	Aug. 21	Aug. 21	630
6697	14. SMITH, G. A., Pottery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Shanks and Processes.	Sept. 20	Sept. 18	536
4097	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Sept. 7	Sept. 7	1,115
5716	16. SPENCER, C. J., Telegraphy; Telephony	Aug. 21	Aug. 21	705
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufacture; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Sept. 18	Sept. 18	520
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 2	Aug. 18	460
4098	19. KENNEDY, A. E., Furnaces and Stoves; Fuel Burners	Aug. 19	Aug. 19	705
6625	20. BROWN, I. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Sept. 1	Sept. 3	476
7723	21. THOMPSON, T. J., Textiles; Cloth Finishing	Sept. 20	Sept. 20	522
6620	22. RINGLE, D., Ammunition; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Sept. 21	Sept. 23	536
7624	23. BUTTNER, W. J., Registers (part)	June 10	May 20	318
6603	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Sept. 22	Aug. 11	919
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Sept. 10	Sept. 13	852
6602	26. YOUNG, R. R., Electricity, Generation; Motive Power	Aug. 18	Aug. 18	809
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	July 13	July 13	930
4628	28. BOLYOM, H. L., Internal-Combustion Engines	Sept. 20	Sept. 20	330
6623	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Aug. 19	Aug. 18	806
4600	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	July 19	July 19	688
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Sept. 18	Sept. 15	851
4626	32. LEES, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Sept. 22	Sept. 20	672
6630	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Sept. 17	Sept. 14	867
6620	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Oct. 4	Oct. 2	317
2876	35. REYNOLDS, E. O., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Sept. 20	Sept. 22	534
7000	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Aug. 14	Aug. 2	642
6602 D	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Aug. 12	July 31	746
3604	38. KRAFFT, O. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stonecutting; Walls; Plastic Compositions.	Aug. 9	Aug. 12	612
4600	39. WHITNEY, F. L., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Aug. 14	Aug. 18	630
7020	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Aug. 18	Aug. 18	1,200
7002	41. WETTNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Sept. 11	Sept. 3	760
6626	42. CUTTING, H. O., Electric Signaling	Aug. 24	Aug. 5	699
4626 B	43. KLINGE, R. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Sept. 13	Sept. 14	600
6627 D	44. HARVEY, L. F., Refrigeration; Dispensing Beverages	July 27	July 23	788
7009	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Sept. 2	Sept. 4	710
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Aug. 19	Aug. 19	632
6622	47. LOWE, E. R. (Act.), Clutches; Brakes	Sept. 13	Sept. 14	851
5731	48. ROEPKE, C. B., Electricity, General Applications; Ignition	Sept. 7	Sept. 9	837
7728	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	June 18	June 25	948
6701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Sept. 18	Sept. 18	626
6629	51. BACKUS, C. D., Radiant Energy	Sept. 10	Sept. 10	784
7709	52. KNOTTS, M. K., Supports, Closure; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastening Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Sept. 13	Sept. 7	903
6607	53. PECK, M. K., Binder Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Aug. 18	Aug. 16	803
5674	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Oct. 11	Oct. 9	415
6603	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	July 29	Aug. 3	1,014
4726	56. COOKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Aug. 2	Aug. 2	1,108
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Aug. 13	July 28	537
6603	58. DOWELL, E. F., Abrading; Bottles and Jars	Sept. 18	Sept. 7	374
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Subsistence Preparation.	Sept. 3	Sept. 7	608
6600	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Aug. 28	Aug. 28	641
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	July 1	June 29	604
6621	62. PUGH, B. C., General Geometrical Instruments	Sept. 27	Sept. 25	500
4626	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Sept. 13	Sept. 15	370
4709	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Sept. 18	Sept. 18	1,025
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Aug. 24	Aug. 19	696
2000 B	Trade-Marks, Labels, and Prints: F. A. RICHMOND (Trade-Marks	Oct. 19	Nov. 1	1,431
	(Labels and Prints	Nov. 4	Nov. 10	333
2005	Designs, H. H. KALUPY	Nov. 20	Dec. 3	720

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

PRESTON AND PRESTON *v.* WHITE

No. 3,960. Decided November 29, 1937

[— F.(2d) —]

INTERFERENCE—APPLICATION AND PATENT—APPEAL.

Where patentees involved in interference with an applicant, appealed to the Court of Customs and Patent Appeals from an adverse decision on priority and applicant gave notice of his election to have the further proceedings conducted in equity as provided in Sec. 4915 R. S. and moved for dismissal of the patentees' appeal, *Held* that the patentees have a right to appeal under Sec. 4911 R. S. since to rule otherwise would deprive them of any right of appeal whatsoever.

APPEAL from the Patent Office. Motion to dismiss denied.

Mr. Myron G. Cleer, Mr. Harry F. Riley, and *Mr. Geo. C. Shoemaker* for Preston and Preston.

Mr. Jerome R. Cox and *Mr. F. P. Keiper* for White.

PER CURIAM:*

On September 28, 1934, an interference proceeding was instituted and declared between a patent to Kenneth D. Preston and Hamilton W. Preston, No. 1,946,759, dated February 13, 1934, and a pending application of one John W. White, Serial No. 718,863, filed April 3, 1934. The subject matter of the patent and the pending application is certain improvements in signal systems for motor vehicles. The case was submitted upon the preliminary statements and the evidence, and the Examiner of Interferences rendered a decision awarding priority of invention to the patentees, Preston and Preston. The applicant, John W. White, appealed from the adverse decision of the Examiner of Interferences to the Board of Appeals, and, the case having been argued and submitted, the decision of the Examiner of Interferences was reversed. Thereupon, Preston and Preston gave notice to the Commissioner of Patents of their appeal to the United States Court of Customs and Patent Appeals, and reasons of appeal were duly filed. Thereupon, the party White, specially appearing, made a motion to dismiss the appeal to this court on the ground that this court has no jurisdiction of the appeal for the reason that section 4911, R. S. provides

"that such appeal (that is, an appeal under section 4911, R. S.) shall be dismissed if any adverse party to such interference shall within twenty days after the appellant shall have filed notice of appeal according to section 4912 of the Revised Statutes, file notice with the Commissioner of Patents that he elects to have all further proceedings conducted as provided in section 4915 of the Revised Statutes,"

and that inasmuch as the party White has filed notice under and by virtue of the provisions of said section 4911, the appeal to the United States Court of Customs and Patent Appeals must be dismissed and further proceedings conducted under and in conformity with the provisions of said section 4915, R. S.

Thereupon the matter came on to be heard upon said motion to dismiss the appeal to this court, and further proceedings upon the merits of the interference were continued until the disposition of said motion.

It will be noted that the situation is that the applicant, the party White, insists that under said section 4911 he was entitled to compel the patentees Preston and Preston to dismiss their appeal to this court upon said notice being filed and to compel the patentees to file a bill in equity under said section 4915, R. S. On the other hand, the patentees insist that said section 4915 gives no such right, and that the patentees have a right to proceed to a trial of the interference proceeding in this court, irrespective of such notice, under said section 4911. It is claimed by the party White that if said sections 4915 and 4911 are so construed as to prevent a transfer of said appeal to a court of equity upon notice being given, as is provided in said section 4911, the result will be to deprive the applicant of a remedy in equity in such cases. It is also insisted that the language of the statute is plain and unambiguous, and provides directly that an appeal shall be dismissed in an interference appeal to the United States Court of Customs and Patent Appeals when such notice is filed, and that to hold otherwise is to legislate contrary to the expressed purpose, intent, and language of the statute.

On the other hand, it is claimed by Preston and Preston, the patentees, that to hold as is urged by the applicant would be to deprive the patentees of any right of appeal.

Section 4915, R. S. (U. S. C., title 35, section 63), is as follows:

Bill in equity to obtain patent. Whenever a patent on application is refused by the Commissioner of Patents, the applicant, unless appeal has been taken from the decision of the Board of Appeals to the United States Court of Customs and Patent Appeals, and such appeal is pending or has been decided, in which case no action may be brought under this section, may have remedy by bill in equity, if filed within six months after such refusal; and the court having cognisance thereof, on notice to adverse parties and other due proceedings had, may adjudge that such applicant is entitled, according to law, to receive a patent for his invention, as specified in his claim, or for any part thereof, as the facts in the case may appear. And such adjudication, if it be in favor of the right of the applicant, shall authorize the Commissioner to issue such patent on the applicant filing in the Patent Office a copy of the adjudication and otherwise complying with the requirements of law. In all cases where there is no opposing party a copy of the bill shall be served on the Commissioner; and all the expenses of the proceedings shall be paid by the applicant, whether the final decision is in his favor or not. In all suits brought hereunder where there are adverse parties the record in the Patent Office shall be admitted in whole or in part, on motion of either party, subject to such terms and conditions as to costs, expenses, and the further cross-examination of the witnesses as the court may impose, without prejudice, however, to the right of the parties to take further testimony. The testimony and exhibits, or parts thereof, of the record in the Patent Office when admitted shall have the same force and effect as if originally taken and produced in the suit.

As we view the matter, the case has been settled by prior adjudications of this court, as well as by decisions of other courts of the United States. We

*The opinion in this case was prepared by the late Presiding Judge Graham and adopted by the court after his death.

refer to *MacGregor* v. *Chesterfield*, 21 F.(2d) 701, a decision of the United States District Court, Eastern District of Michigan. In that case, for the first time to our knowledge, these sections, 4911 and 4915, R. S. were discussed respecting the point here under consideration. In that case, Tuttle, District Judge, held quite plainly and logically, as it seems to us, that a patentee could not sue, under section 4915, R. S., as amended by act, March 2, 1927, § 11 (35 U. S. C. A. § 63), for relief against an order in interference proceedings awarding to another priority of invention, "since such section applies only to the relief of inventors whose application for patent is refused." It will be plainly observed that such must be the reasonable construction to be given to sections 4911 and 4915, R. S. The gist of these sections is that the party in interference who is aggrieved may have a remedy either under section 4911 or section 4915, but it will be noted that the relief provided in section 4915 is limited to the grant of a patent. In view of this fact, where the party already has a patent, what relief may he obtain through equity, having already all that he can obtain therein?

The decision of Judge Tuttle was followed by the Circuit Court of Appeals, Sixth Circuit, in *Heidbrink* v. *McKesson*, 58 F.(2d) 321, 412 O. G. 839. There the Circuit Court observed that section 4915, R. S., is restricted in its operation to cases where a patent on application is refused. Again, the court said:

> • • • The plaintiff-appellant already has his patent. Notwithstanding the fact that the mention of "adverse parties" in both sections seems to indicate that the remedies were intended to be open to the parties to an interference proceeding, and such a proceeding is specifically mentioned in section 59a, we are constrained to the opinion that the only review open to a patentee interferant, after an adverse decision by the Board of Appeals of the Patent Office, is by appeal to the Court of Customs and Patent Appeals, or, after issue of a patent to the applicant, by seeking relief against such interfering patent under Rev. St. § 4915 (35 U. S. C. § 66 [39 U. S. C. A. § 66]). Sections 59a and 63 were not intended, we think, to open the door to a review in the District Court of every decision of the Board of Appeals, and a litigant can avail himself of the remedies there provided only if he brings his case within the conditions so expressly imposed. The decision in *MacGregor* v. *Chesterfield*, supra, is approved.

The same question arose first in this court in *Clyde C. Farmer and Thomas H. Thomas* v. *Daniel Herbert Schweyer*, 19 C. C. P. A. (Patents) 1247, 58 F.(2d) 1056, 423 O. G. 982. In this case Farmer and Thomas, patentees, were involved in an interference with Schweyer who was an applicant. Schweyer was given priority by the Board of Appeals. Thereupon, Farmer and Thomas appealed to this court. Schweyer, within twenty days, filed a cross motion under section 4911, R. S., electing to proceed under section 4915. Farmer and Thomas did not file a bill in equity, and Schweyer moved to dismiss the appeal. The Commissioner of Patents refused to dismiss the appeal, giving the reason that Farmer and Thomas, being patentees, had no cause of action under said section 4915; that a dismissal of their appeal to the United States Court of Customs and Patent Appeals under said section 4911 would leave them without relief on appeal. We cited the cases of *MacGregor* v. *Chesterfield* and *Heidbrink* v. *McKesson*, supra, and followed the doctrine announced therein. Arguendo, we said that section 4911 provides that a patent shall not be issued to the person awarded priority pending the final determination of the proceeding under section 4915, and observed:

> "This would seem to indicate that, in so far as proceedings in equity are concerned, the section was intended to apply only to cases of applicants and not to a patentee."

Again, we said that this section, namely, 4915, R. S., was intended to apply to an applicant and not to a patentee, observing also that if there were interfering patents, then either or both of the patents might be held to be void, or inoperative, or invalid, under section 4918, R. S. The motion of the appellee to dismiss the appeal was denied.

Again, in *Bloodhoert* v. *Levernier*, 20 C. C. P. A. (Patents) 917, 64 F.(2d) 367, 433 O. G. 510, in an opinion by Hatfield, Judge, we adhered to the same reasoning and overruled a motion to dismiss on similar grounds.

In the case of *Wettlaufer et al.* v. *Robins et al.*, recently decided by the United States Circuit Court of Appeals for the Second Circuit, — F.(2d) —, our rulings in the cases of *Farmer* v. *Schweyer*, supra, and *Bloodhoert* v. *Levernier*, supra, were expressly approved.

It is argued by appellee that the legislative history of section 4911 clearly indicates that an applicant in interference proceedings should have the option to file a bill in equity under section 4915 whenever a final decision is made awarding priority of invention to his opponent, and that if we adhere to our former rulings on this point, and upon the merits reverse the Board of Appeals in the instant case, appellee would never have had the opportunity, which Congress intended to preserve, of proceeding in equity under section 4915 to determine the question of priority of invention and his right to a patent.

Appellee asserts that this remedy of proceeding in equity had existed continuously since 1836, and that the legislative history shows that Congress intended that it should continue under the revision of section 4911 in 1927.

Granting that such was the intent of Congress, as ascertained from the legislative proceedings respecting the revision of 1927, it is equally clear that Congress never intended to prevent an interferant patentee from having relief by appeal to this court. The statute is clear and unambiguous that any party dissatisfied with the decision of the Board of Appeals may appeal to this court. It is then provided that under the circumstances stated in section 4911 an appeal so taken shall be dismissed, but the provision for dismissal applies only where a proceeding in equity under section 4915 may be had.

It may be that Congress made a mistake in legislating, and omitted to make provision for a case like the one at bar, but if it did so it is not our province to exercise legislative functions to correct the mistake.

It appears, therefore, from the adjudicated cases on the subject, that the motion of the applicant should not be sustained, that the patentee have a right to proceed under section 4911, R. S., as, to rule otherwise would be to deprive them of any right of appeal whatsoever.

Inasmuch as the case has been heard only on the motion to dismiss, without any hearing on the merits of the interference, the case is continued and it appearing that appellants have already filed their brief on the merits, appellee is allowed until January 1, 1938, to file his brief on the merits.

The motion to dismiss is denied, and the cause is continued until further order.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,175,909, W. A. Hall, Process for the conversion of heavy hydrocarbons into lighter hydrocarbons; 1,228,600, same, Hydrocarbon product; 1,230,100, same, Liquid fuel; 1,242,795, same, Process for the production of motor spirit from heavy hydrocarbons; 1,840,012, O. Rohlmer, Apparatus for making gasoline; 1,883,850, same, Process for making gasoline, D. C., W. D. Okla. (Oklahoma City), Doc. 1456, *The Texas Co.* v. *Gerber Refinery, Inc.* Dismissed on motion of plaintiff, without prejudice—Oct. 30, 1937.

1,231,764, F. Lowenstein, Telephone relay; 1,618,017, same, Wireless telegraph apparatus; 1,403,475, H. D. Arnold, Vacuum tube circuit; 1,465,322, same, Vacuum tube amplifier; 1,403,932, R. H. Wilson, Electron discharge device; 1,531,805, E. C. Mathes, Oscillation generator; 1,658,246, same, Amplifier circuit; 1,573,274, P. A. Chamberlain, Radio condenser; 1,906,198, S. Loewe, System for generating oscillations; 1,702,833, W. S. Lemmon, Electrical condenser; 1,811,095, H. J. Round, Thermionic amplifier and detector; 1,906,780, F. B. Llewellyn, Modulating device; Re. 18,579, Ballantine & Hull, Demodulator and method of demodulation; Re. 18,916, J. G. Aceves, Supply circuits for radio sets, D. C., S. D. N. Y., Doc. E 78/151, *R. C. A. et al.* v. *J. & L. Sera Co., Inc., et al.* Consent decree for plaintiff (notice Oct. 26, 1937).

1,220,090. (See 1,175,909.) 1,220,100. (See 1,175,909.)

1,242,795. (See 1,175,909.)

1,320,384, Godbold & Fletcher, Drill cutter; 1,480,014, F. L. Scott, Self-cleaning roller drill; 1,647,753, Scott & Wellenstein, Drill cutter, appeal filed Oct. 25, 1937, C. C. A., 10th Cir., Doc. 1625, *Southeastern Tool Co. et al.* v. *Hughes Tool Co.*

1,403,475. (See 1,231,764.) 1,403,932. (See 1,231,764.)

1,412,411, G. B. McInroy, Headlight indicator, filed Nov. 1, 1937, D. C. Tex. (Dallas), Doc. E 3770–1026, *W. H. Johnson (Technical Chemical Co.)* v. *Magnolia Petroleum Co.*

1,454,616, E. E. Ayres, Jr., Process for resolving emulsions; 1,976,602, De Groote, Adams & Keiser, Process for breaking petroleum emulsions; 1,984,633, De Groote & Keiser, same; 2,034,941, De Groote, Keiser & Wirtel, same, D. C., N. D. Okla. (Tulsa), Doc. E 1224, *The Tretolite Co.* v. *The Dehydro Co. et al.* Patents held valid and infringed, injunction Nov. 3, 1937.

1,465,322. (See 1,231,764.)

1,467,831, W. S. Barnickel, Process for treating petroleum emulsions, D. C., N. D. Okla. (Tulsa), Doc. E 1223, *The Tretolite Co.* v. *The Dehydro Co. et al.* Patent held valid and infringed, injunction Nov. 3, 1937.

1,480,014. (See 1,320,384.)

1,483,365, J. Maser, Sound absorbing method and material; 1,554,179, 1,554,180, W. S. Trader, Sound absorbing material for walls and ceilings, D. C., E. D. Mich. (Detroit), Doc. 8188, *J. Maser et al.* v. *J. F. Murphy et al.* Consent decree for plaintiff Oct. 29, 1937.

1,489,823, G. M. Keller, Method of operating upon printed webs, filed Oct. 28, 1937, D. C., W. D. N. Y., Doc. 2180, *G. M. Keller* v. *American Sales Book Co., Inc.*

1,522,802, F. L. Buff, Oil burner, filed Oct. 28, 1927, D. C., Kans., 2d Div., Doc. 990-H, *F. L. Buff* v. *J. G. Poup et al.*

1,531,805. (See 1,231,764.) 1,554,179. (See 1,483,365.)

1,554,180. (See 1,483,365.) 1,573,274. (See 1,231,764.)

1,606,198. (See 1,231,764.)

1,611,767, H. D. Misner, Drive mechanism for washing machines, filed Nov. 2, 1937, D. C., E. D. Mich., S. Div., Doc. 8233, *Universal Devices, Inc.*, v. *Republic Supply Corp.*

1,618,017. (See 1,231,764.) 1,647,753. (See 1,320,384.)

1,658,246. (See 1,231,764.) 1,702,833. (See 1,231,764.)

1,712,769, J. F. Donnelly, Process for the conversion of hydrocarbon oils, filed Oct. 25, 1937, D. C., Del., Doc. E 1227, *Donnelly Process Corp.* v. *Hurricane Petroleum Corp.*

1,721,530 (a), 1,757,978, 1,747,031, J. Schick, Shaving implement, filed Oct. 27, 1937, D. C., S. D. Calif. (Los Angeles), Doc. E 1274–J, *Schick Dry Shaver, Inc., et al.* v. *Motoshaver, Inc., et al.*

1,721,530 (b), 1,757,978, J. Schick, Shaving implement, filed Oct. 27, 1937, D. C., S. D. Calif. (Los Angeles), Doc. E 1273–C, *Schick Dry Shaver, Inc., et al.* v. *Nicholl, Inc.*

1,736,650, A. M. Fuller, Iron stand, D. C., Mo. (Kansas City), Doc. 2944, *A. W. Fuller* v. *S. H. Kresge Co. et al.* Dismissed Oct. 29, 1937.

1,739,492, Berndt & Holleran, Machine for producing raised printing, filed Oct. 29, 1937, D. C., E. D. Wis. (Milwaukee), Doc. 5117, *R. F. Berndt et al.* v. *P. J. Bernard.*

1,747,031. (See 1,721,530 (a).)

1,757,978. (See 1,721,530 (a) and (b).)

1,811,095. (See 1,231,764.)

1,830,768, I. M. Rod, Art of making garments, D. C., S. D. N. Y., Doc. E 78/237, *Rohsp Corp.* v. *Kingsbury Clothes, Inc.* Doc. E 79/61, *Rohsp Corp.* v. *Reliable Clothing Mfgr's, Inc.* Consent order of discontinuance without prejudice (notice Oct. 29, 1937).

1,840,012. (See 1,175,909.) 1,883,850. (See 1,175,909.)

1,906,780. (See 1,231,764.)

1,913,244, J. E. Slusser, Molded black powder explosive, included by counterclaim Oct. 27, 1937 in suit filed Sept. 3, 1937 under 4915, U. S. R. S., D. C., Del., Doc. E 1222, *E. I. du Pont de Nemours & Co. et al.* v. *Atlas Powder Co.*

1,917,261 (a), P. E. Hawkinson, Method of retreading tire casings; 1,917,262, same, Apparatus for retreading tire casings, D. C. Minn., 4th Div., Doc. E 2345, *P. E. Hawkinson Co. et al.* v. *Skogmo-Gamble, Inc., et al.* Decree for plaintiff, injunction Oct. 11, 1937.

1,917,261 (b), P. E. Hawkinson, Method of retreading tire casings; 1,917,262, same, Apparatus for retreading tire casings; 2,034,618, same, Tire retreading apparatus, filed Oct. 26, 1937, D. C. Oreg. (Portland), Doc. E 9719, *P. E. Hawkinson Co. et al.* v. *D. A. Elliott et al.*

1,917,262. (See 1,917,261 (a) and (b).)

1,931,447. (See Re. 19,853.)

1,948,218, Headley & Thompson, Glass working machine; 1,948,219, same, Glass working method and machine, filed Nov. 5, 1937, D. C., W. D. Pa., Doc. E 2348, *Hartford Empire Co.* v. *Washington Mold Machine & Foundry Co.*

1,948,219. (See 1,948,218.)

1,948,322, J. E. Walsh, Egg carton; 1,981,988, M. Burger, Means for setting up cartons; Re. 18,922, F. Troyk, Cushioned carton, D. C., S. D. N. Y., Doc. E 83/106, *Self-Locking Carton Co.* v. *Dubl-Cushion Egg Carton, Inc.* Consent order of discontinuance without prejudice (notice Oct. 29, 1937).

1,974,891, 1,974,892, S. Poliakoff, Brick lifter, filed Oct. 27, 1937, D. C., S. D. N. Y., Doc. E 86/12, *Paul Gabriel Corp.* v. *E. T. Carroll & Son, Inc., et al.*

1,974,892. (See 1,974,891.) 1,976,602. (See 1,454,616.)

1,981,986. (See 1,948,322.) 1,984,633. (See 1,454,616.)

1,999,148, S. M. Anderson, Air conditioning apparatus, filed Nov. 1, 1937, D. C. Mass., Doc. E 4557, *B. F. Sturtevant Co.* v. *General Electric Co.*

2,013,584. (See Re. 18,513.)

2,024,613. (See 1,917,261 (b).)

2,024,941. (See 1,454,616.)

2,033,159. (See Re. 20,133.)

2,058,569, L. M. Colbeth, Process for separating petroleum emulsions, D. C., N. D. Okla. (Tulsa), Doc. E 1225, *The Tretolite Co. et al.* v. *The Dehydro Co. et al.* Patent held infringed Nov. 3, 1937.

Re. 18,513, F. H. Watson, Pneumatic inner tube and valve stem; 2,013,584, same, Valve stem, filed Oct. 28, 1937, D. C. Conn. (New Haven), Doc. E 2661, *The Dill Mfg. Co.* v. *Jenkins Bros.* Same, filed Nov. 10, 1937, D. C., N. D. Ohio, Doc. 5665, *Jenkins Bros.* v. *The B. F. Goodrich Co.*

Re. 18,579. (See 1,231,764.)

Re. 18,916. (See 1,231,764.)

Re. 18,922. (See 1,948,322.)

Re. 19,653 (of 1,931,447), R. Naftali, Sewing machine, filed Oct. 30, 1937, D. C., S. D. N. Y., Doc. E 86/17, *American Machine & Foundry Co.* v. *Clermont Crochet Co., Inc.* Discontinued without prejudice (notice Nov. 26, 1937).

Re. 20,133, P. H. Kuyper, Venetian blind construction; 2,033,159, same, Venetian blind structure, filed Nov. 1, 1937, D. C., E. D. N. Y., Doc. E 8406, *Rolscreen Co.* v. *Abraham & Straus, Inc.*

Des. 101,096. (See Des. 101,398.)

Des. 101,398, Des. 101,096, M. Richter, Dress, D. C., S. D. N. Y., Doc. E 84/74, *Richter & Decker, Inc.*, v. *Rennish Frocks, Inc.* Consent order of discontinuance (notice Oct. 29, 1937).

Des. 103,862, J. J. Blackstone, Textile fabric, D. C., S. D. N. Y., Doc. E 84/237, *J. J. & M. Blackstone, Inc.*, v. *D. Kugelmas (Economic Embroidery Co.).* Consent decree for plaintiff (notice Nov. 29, 1937).

Des. 105,010, Hines & McKeown, Sofa; Des. 105,279, same, Combined furniture post and arm, filed Oct. 27, 1937, D. C., Md., Doc. E 2519, *Pullman Couch Co., Inc.*, v. *R. Union et al.* (*Union Bros.*).

Des. 105,279. (See Des. 105,010.)

Des. 105,963, R. Cutler, Dress, D. C., S. D. N. Y., Doc. E 85/348, *Lee Claire Costumes, Inc.*, v. *Young Modes, Inc.* Consent decree for plaintiff (notice Oct. 29, 1937).

Des. 106,634, M. Michaelson, Dress, filed Oct. 28, 1937, D. C., S. D. N. Y., Doc. E 86/12, *Fred Perlberg, Inc.*, v. *Columbia Dance Frocks, Inc.*

Adjudicated Patents

(C. C. A. Ohio.) Riddell patent, No. 1,462,626, for athletic shoe, claim 1 *Held* invalid. *John T. Riddell, Inc.*, v. *P. Goldsmith Sons Co.*, 92 F.(2d) 353.

(C. C. A. Ohio.) Riddell patent, No. 1,642,827, for athletic shoe, claims 1, 4, and 5 *Held* invalid. *Id.*

(C. C. A. Ohio.) Maynard patent, No. 1,655,968, for piston, *Held* valid and infringed. *Cleveland Trust Co.* v. *Schriber-Schroth Co.*, 92 F.(2d) 330.

(C. C. A. Ohio.) Riddell patent, No. 1,659,666, for athletic-shoe construction, *Held* invalid. *John T. Riddell, Inc.*, v. *P. Goldsmith Sons Co.*, 92 F.(2d) 353.

(C. C. A. Ohio.) Gulick patent, No. 1,815,723, for piston, claims 1, 11, 12, 13, 15, 18, 30, and 33 *Held* valid and infringed. *Cleveland Trust Co.* v. *Schriber-Schroth Co.*, 92 F.(2d) 330.

Disclaimers

1,902,460.—*Albert H. Mittag*, Schenectady, N. Y. ELECTRIC TRANSLATING CIRCUITS. Patent dated March 21, 1933. Disclaimer filed December 8, 1937, by the assignee, *General Electric Company.*

Hereby enters this disclaimer to claim 11 in said specification.

2,035,176.—*Miles A. McLennan*, Riverton, N. J. RADIO RECEIVER. Patent dated March 24, 1936. Disclaimer filed December 15, 1937, by the assignee, *Radio Corporation of America.*

Hereby enters this disclaimer to claims 3 and 10 in said specification.

2,089,518.—*John J. Williams*, Wheeling, W. Va. METHOD AND APPARATUS FOR FORMING METAL CLOSURES. Patent dated August 10, 1937. Disclaimer filed December 1, 1937, by the assignee, *Hazel-Atlas Glass Company.*

Hereby enters this disclaimer to claims 12 and 13 in said patent.

TRADE-MARKS

OFFICIAL GAZETTE, JANUARY 4, 1938

[VOL. 486. No. 1]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 396,610. NORTH CAROLINA GRANITE CORPORATION, Mount Airy, N. C. Filed Aug. 20, 1937.

MOUNT AIRY GRAN-I-GRIT

The words "Insoluble", "Grit", and "Mount Airy" are disclaimed apart from the mark.

For Poultry Grit.

Claims use since June 27, 1935.

Ser. No. 396,639. THE LANATIN CORPORATION, Oakdale, Montville, Conn. Filed Aug. 21, 1937.

LANATIN

For Vegetable Fibers Designed for the Fabrication of Yarns and Threads Which Are Adaptable for the Production of Textile Fabrics.

Claims use since Oct. 14, 1935.

Ser. No. 396,827. SENTRY COAL MINING COMPANY, Madisonville, Ky. Filed Oct. 9, 1937.



The words "Stray Seam" are disclaimed apart from the mark.

For Coal.

Claims use since July 1, 1937.

Ser. No. 398,716. THE WALKER T. DICKERSON COMPANY, Columbus, Ohio. Filed Oct. 20, 1937.

Insulwhyte

For Heat Transmission Resisting Compound for Use as a Filler in Shoe Manufacture, Said Compound Consisting of a Siliceous Wool and a Binder.

Claims use since Nov. 13, 1936.

Ser. No. 398,991. GAFCO, Inc., New York, N. Y. Filed Oct. 27, 1937.

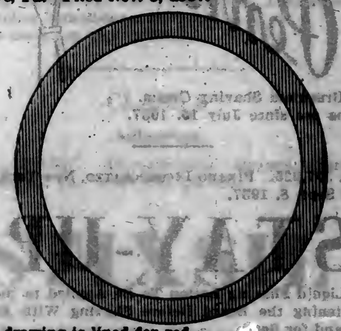


The words "Lambskin" and "Made in Hungary" are disclaimed apart from the mark.

For Fur Felts and Dyed Skins and Plates.

Claims use since May, 1937.

Ser. No. 399,269. THE COWARD-PYLE COMPANY, West Grove, Pa. Filed Nov. 3, 1937.



The drawing is lined for red.

For Rose Plants.

Claims use since Oct. 20, 1937.

Ser. No. 396,294. ELK RIVER COAL AND LUMBER COMPANY, Dundon, W. Va. Filed Nov. 4, 1937.



The drawing is lined for black, red, and yellow.
For Coal.
Claims use since Dec. 20, 1935.

Ser. No. 396,633. WILLARD HELBURN, INC., Salem, Mass. Filed Nov. 11, 1937.

DELHIA

For Leather.
Claims use since June 1, 1937.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 396,661. THE BLACK & DECKER MANUFACTURING COMPANY, Towson, Md. Filed Aug. 23, 1937.

LECTRO-KLEENER

The word "Kleener" is disclaimed apart from the mark.
For Concentrated Solvent for Cleaning Fabric and Automobile Upholstery.
Claims use since Aug. 1, 1937.

Ser. No. 397,051. BARNEY PENN, doing business as Pennshave Products, New York, N. Y. Filed Sept. 2, 1937.

Pennshave



For Brushless Shaving Cream.
Claims use since July 15, 1937.

Ser. No. 397,225. PINAUD INCORPORATED, New York, N. Y. Filed Sept. 8, 1937.

STAY-UP

For Liquid Shaving Lotion To Be Applied to the Face for Softening the Beard Before Shaving With Electric Razors and for Soap.
Claims use since Aug. 10, 1937, on lotion; since Sept. 2, 1937, on soap.

Ser. No. 397,707. GENERAL DYESTUFF CORPORATION, New York, N. Y. Filed Sept. 23, 1937.

IGEPAL

For Washing and Scouring Agents for Textile Materials and Washing Agents for Bed Feathers.
Claims use since June 22, 1937.

Ser. No. 397,790. BENNETT INCORPORATED, Cambridge, Mass. Filed Sept. 25, 1937.

HYDRASOL

For Water-Emulsifiable Liquid Detergent or Cleaning Compound Containing Liquid Grease Solvent and Used for Degreasing and Cleaning Metal and Machine Parts, Wooden and Concrete Floors, and Various Other Materials.
Claims use since June 3, 1937.

Ser. No. 397,990. TRI-STATE DEVELOPMENT CORPORATION, Burnsville, N. C., and Washington, D. C. Filed Sept. 30, 1937.

SPARITE

For Cleaning, Scouring, and Polishing Material in Powdered Form.
Claims use since May 25, 1934.

Ser. No. 398,837. CLARENCE M. COBB, Boston, Mass. Filed Oct. 23, 1937.

COLPRO

For Laundry Detergents Sold in Crystalline or Liquid Form.
Claims use since Sept. 17, 1937.

Ser. No. 398,874. THE A. S. BOYLE COMPANY, Jersey City, N. J. Filed Oct. 25, 1937.



The drawing is lined for red and black, said colors constituting an essential element of the mark. Applicant disclaims the representation of a label per se.
For Preparation for Cleaning Upholstery, a Preparation for Cleaning Rugs and Carpets, and a Preparation for Cleaning Woodwork, Floors, Silver, Metal, Porcelain, Enamel Ware, Glass, Tile, and the like.
Claims use since Jan. 20, 1937.

Ser. No. 398,876. THE A. S. BOYLE COMPANY, Jersey City, N. J. Filed Oct. 25, 1937.



3-IN-ONE

For Preparation for Cleaning Upholstery, a Preparation for Cleaning Rugs and Carpets, and a Preparation for Cleaning Woodwork, Floors, Silver, Metal, Porcelain, Enamelware, Glass, Tile, and the like.
Claims use since Jan. 20, 1937.

Ser. No. 398,876. THE A. S. BOYLE COMPANY, Jersey City, N. J. Filed Oct. 25, 1937.



3-EN-UNO

For Preparation for Cleaning Upholstery, a Preparation for Cleaning Rugs and Carpets, and a Preparation for Cleaning Woodwork, Floors, Silver, Metal, Porcelain, Enamelware, Glass, Tile, and the like.
Claims use since July 9, 1937.

Ser. No. 399,160. V. C. PRODUCTS COMPANY, INC., Philadelphia, Pa. Filed Oct. 30, 1937.



No claim is made to the words "For Dirt" apart from the mark.
For Soluble Cleansing Compound, the Purpose of Which is to Emulsify and Saponify Grease.
Claims use since June 1, 1936.

Ser. No. 399,423. PARFUMERIE ROGER ET GALLET SOCIETE ANONYME, Paris, France. Filed Nov. 6, 1937.

FUGUE

For Toilet Soaps.
Claims use since Mar. 15, 1932.

Ser. No. 399,578. STERLING PRODUCTS COMPANY, Easton, Pa. Filed Nov. 10, 1937.

ErustolaX

For Preparation Recommended for Use in Laundries as a Pre-Softening Agent and as a Cleaning Agent.
Claims use since January, 1932.

Ser. No. 399,925. FEDERATED FOODS, INC., Chicago, Ill. Filed Nov. 19, 1937.

CARNIVAL

For Complexion Soap.
Claims use since Oct. 22, 1937.

Ser. No. 400,032. STERLING PRODUCTS COMPANY, Easton, Pa. Filed Nov. 22, 1937.

Erusto

For Preparations Recommended as Cleaning and Stain Removing Agents for Use Primarily in Laundries and Dry Cleaning Establishments.
Claims use since Mar. 5, 1913.

CLASS 5

Adhesives

Ser. No. 398,057. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa. Filed Oct. 28, 1937.

STIXSIL

For Adhesive Comprised in Whole or in Part of Silicate of Soda Either Anhydrous, Hydrated, or in Solution.
Claims use since Sept. 10, 1937.

Ser. No. 390,058. PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa. Filed Oct. 28, 1937.

STIXSOL

For Adhesive Comprised in Whole or in Part of Silicate of Soda Either Anhydrous, Hydrated or in Solution.
Claims use since Sept. 10, 1937.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 393,923. UNITED WESTERN LABORATORIES INC., Denver, Colo. Filed June 10, 1937.



The portrait is fancifully symbolic of an Egyptian Princess.

For Hair Tonics, Hair Rinses, Brilliantines, Hair Oils, Hair Growers, Dandruff Removers, Permanent Wave Solutions, Finger Wave Lotions, Depilatories, Bath Salts, Bath Oils, Facial Plastics, Hair Shampoos, Deodorants, Feminine Hygiene Preparations, Nail Polishes, Cuticle Removers, Nail Dyes, Nail Bleaches, Hand Creams, Hand Lotions, Hand Bleaches, Face Creams, Face Rinses, Face Powders, Finishing Creams, Face Lotions, Astringents, Skin Tonics, Tissue Tonics, Vitamized Toilet Creams, Liquid Face Powders, Facial Oils, Rouges, Lip Sticks, Eye Brow Pencils, Eye Shadows, Eye Lash Growers, Yeast Pack, Avocado Pack, Tomato Pack, Milk Pack, Clay Pack, and Oatmeal Pack, Tooth Powders, Tooth Pastes, Mouth Washes, Mouth Antiseptics, Foot Powders, Foot Creams, Corn and Bunion Preparations.
Claims use since Aug. 4, 1913.

Ser. No. 394,438. NORMAN I. TAYLOR, doing business as The Solorbo Chemists, Chicago, Ill. Filed June 23, 1937.

SOLORBO
For Smokers' Eyes

The words "For Smokers' Eyes" are disclaimed apart from the mark.
For Solution for Treatment of the Eyes.
Claims use since Apr. 19, 1937.

Ser. No. 394,671. STANLEY PAINT AND VARNISH CO. INC., New York and Brooklyn, N. Y. Filed July 3, 1937.



The drawing is lined for red.
For Chemical Ice Melter in Powder Form.
Claims use since Dec. 7, 1934.

Ser. No. 394,995. STANLEY A. MYERS, doing business as Contra Creme & Diaphragm Co., Severna Park, Md. Filed July 8, 1937.

CONTRA CREME

The word "Creme" is disclaimed.
For Vaginal Antiseptic.
Claims use since Apr. 19, 1936.

Ser. No. 395,419. FRED KRAMERBORG, doing business as Yvonne Petriat's Laboratory, San Diego, Calif. Filed July 19, 1937.

Yvonne Petriat's

For Hair Tonic.
Claims use since June 28, 1937.

Ser. No. 395,977. SYLVIA H. BERRY, doing business as Pandene Products Co., Kingston, N. Y. Filed Aug. 4, 1937.

PANDENE

For Baby Skin Balm Used for the Treatment of Eczema and Diaper Rash.
Claims use since July 1, 1937.

Ser. No. 396,913. SHELBY FRIEDMAN, doing business as Human-Need Co., Dallas, Tex. Filed Aug. 30, 1937.



For Headache Powders.
Claims use since June, 1937.

Ser. No. 397,490. A. J. PAPARELLI, doing business as San Pedro Laboratories, San Antonio, Tex. Filed Sept. 16, 1937.

SAN PEDRO



For the Following Medicinal Preparations: Medicinal Tea Used as a Laxative, General Tonic, Skin Salve, Corn Salve, Salve for Colds, Cough Medicine, Earache Drops, Medicinal Olive Oil, Medicinal Salts, and Eye Drops.
Claims use since December, 1932.

Ser. No. 397,624. STERLING PRODUCTS COMPANY, Easton, Pa. Filed Sept. 21, 1937.

Erusto

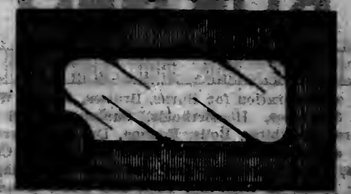
For Preparations for Use in Laundries and Dry Cleaning Establishments as Solvent, Stripper, Pre-Softening Agent, as a Soap, Medicinal, also Binding Agent, Having Incidental Cleaning and Stain Removing Properties.
Claims use since Mar. 5, 1918.

Ser. No. 397,695. WETWEB GROCERY COMPANY, doing business as Blutex Bluing Co., Cedar Rapids, Iowa. Filed Sept. 22, 1937.

BLUTEX

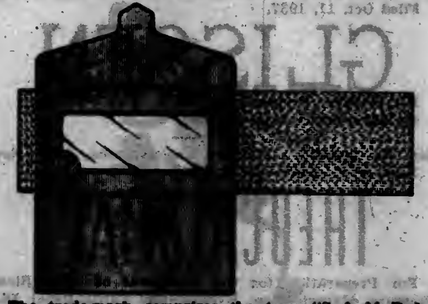
For Liquid Bluing.
Claims use since Apr. 1, 1937.

Ser. No. 397,873. SCHMITT-MURPHY LABORATORIES, INC., Omaha, Nebr. Filed Sept. 27, 1937.



The trade-mark comprises the term "S & M Pads" inscribed on a solid area of red color relieved by a centrally disposed transparent area, the inner and outer edges of the solid area of red being bounded by relatively narrow borders of a yellow color.
The drawing is lined to indicate red and yellow. The representation of the front face of a package blank and the word "Pads" are disclaimed as a part of the trade-mark, except in the combination shown. Said centrally disposed transparent area or opening does not constitute any part of the mark.
For Antiseptic and Slightly Medicated Shields or Pads for Corns, Callouses, and Bunions.
Claims use since Aug. 17, 1937.

Ser. No. 397,874. SCHMITT-MURPHY LABORATORIES, INC., Omaha, Nebr. Filed Sept. 27, 1937.



The trade-mark comprises the term "S & M Pads" inscribed on solid areas of a red color, the central area being relieved by a centrally disposed transparent area, all edges of said solid areas of red being bounded by relatively narrow borders of a yellow color or solid areas of a yellow color.
The representation of the package blank is disclaimed as a part of the trade-mark, as is the word "Pads", except in the combination shown. Said centrally disposed transparent area or opening does not constitute any part of the mark.
For Antiseptic and Slightly Medicated Shields or Pads for Corns, Callouses, and Bunions.
Claims use since Aug. 17, 1937.

Ser. No. 397,875. SCHMITT-MURPHY LABORATORIES, INC., Omaha, Nebr. Filed Sept. 27, 1937.

S & M

For Antiseptic and Slightly Medicated Shields or Pads for Corns, Callouses, and Bunions.
Claims use since Aug. 17, 1937.

Ser. No. 398,078. CHARLES H. MATSON, New York, N. Y. Filed Oct. 4, 1937.

BURNFO

For a Preparation for Burns, Bruises, Scalds, Wounds, Cuts, Scratches, Hemorrhoids, Sunburns, Cold Sores, Blisters, Frostbites, Boils, Eczema, Dandruff, Sore Feet, Corns and Callouses, Insect Bites and Stings, Chapped Hands, Face and Lips, Irritated and Perspiring Skin Under Arms, on Legs and Toes, and Other Diseases by Local Analgesic and Therapeutic Action.
Claims use since Mar. 24, 1937.

Ser. No. 398,253. MCKESSON & ROBBINS, INCORPORATED, Fairfield, Conn. Filed Oct. 7, 1937.

Brace

For Tooth Paste, Hair and Scalp Preparations, Powders and Talcs for the Face and Skin, Lotions for the Skin and Face, Sunburn Lotions and Preparations, Including Antiseptic Oils for Sunburn.
Claims use since Sept. 17, 1937.

Ser. No. 398,348. CAMPANA CORPORATION, Batavia, Ill. Filed Oct. 11, 1937.

GLISSEN

For Shampoo Preparations.
Claims use since Sept. 27, 1937.

Ser. No. 398,395. FORREST LABORATORIES, INC., New York, N. Y. Filed Oct. 12, 1937.

THEOCALBITAL

For Preparation for the Treatment of High Blood Pressure, Hypertension, Hypertensive Cardio-Renal Disease, Cardio-Vascul, and Myocarditis.
Claims use since Oct. 1, 1937.

Ser. No. 398,603. ASSOCIATED DISTRIBUTORS, INC., Chicago, Ill. Filed Oct. 18, 1937.

HONOLULU MOON

Applicant disclaims "Honolulu" apart from the mark.
For Lipstick, Rouge, Face Powder, Eyelash and Eyebrow Mascara, Creams for the Hands and Face, Preparations for Skin, Hair, and Finger Nails, and Perfumes.
Claims use since Oct. 1, 1936.

Ser. No. 398,824. A. H. ROBINS COMPANY, INC., Richmond, Va. Filed Oct. 22, 1937.

PHENAPHEN

For Medicinal Preparation Used as an Analgesic and Antispasmodic.
Claims use since Sept. 28, 1937.

Ser. No. 398,942. FREDERICK STEARNS & COMPANY, Detroit, Mich. Filed Oct. 25, 1937.

PAMIDE

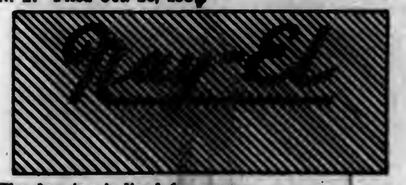
For Sedative.
Claims use since Oct. 14, 1937.

Ser. No. 398,954. JAMES L. YOUNGHUSBAND, Chicago, Ill. Filed Oct. 25, 1937.

SENSUAL

For Lipsticks, Rouge, Face Powder, Eyelash and Eyebrow Mascara, Creams for the Hands and Face, Preparations for Skin, Hair, and Finger Nails, and Perfumes.
Claims use since Oct. 1, 1936.

Ser. No. 398,957. BEN-MEC MFG. CO., Queens Village, N. Y. Filed Oct. 26, 1937.



The drawing is lined for green.
For Nail Polish Remover.
Claims use since Oct. 15, 1937.

Ser. No. 399,060. THE SHERWIN-WILLIAMS CO., Cleveland, Ohio. Filed Oct. 28, 1937.

SUMMER-TEX

For Insecticides and Fungicides.
Claims use since Sept. 27, 1937.

Ser. No. 399,080. FOLEY AND COMPANY, Chicago, Ill. Filed Oct. 29, 1937.

VITABUILD

For Vitamin Compound of Vitamins A, B, D, and G for General Tonic Use.
Claims use since Oct. 23, 1937.

Ser. No. 399,090. HERCULES POWDER COMPANY, Wilmington, Del. Filed Oct. 29, 1937.

Mellol

For Oil Base Textile Finishing Agent.
Claims use since Aug. 17, 1937.

Ser. No. 399,117. MINERVITE VITAMIN COMPANY, Brooklyn, N. Y. Filed Oct. 28, 1937.

Minervite

For Capsules Containing Vitamins and Minerals.
Claims use since Oct. 23, 1935.

Ser. No. 399,306. LENTHERIC, INCORPORATED, New York, N. Y. Filed Nov. 4, 1937.

DURBAR

For Perfumes and Cosmetic Creams.
Claims use since Oct. 18, 1937.

Ser. No. 399,346. FOLEY AND COMPANY, Chicago, Ill. Filed Nov. 5, 1937.

THE CHILDREN SPEAK

For Cough Syrup.
Claims use since Oct. 22, 1937.

Ser. No. 399,443. THE DAVIES-YOUNG SOAP CO., Dayton, Ohio. Filed Nov. 8, 1937.

VITEF

For Liquid Hair and Scalp Shampoo.
Claims use since Oct. 25, 1937.

Ser. No. 399,452. LUCIEN LELONG, INC., Chicago, Ill. Filed Nov. 8, 1937.

Philtre d'Amour

For Perfume.
Claims use since Oct. 27, 1937.

Ser. No. 399,488. WARWICK CHEMICAL COMPANY, West Warwick, R. I. Filed Nov. 8, 1937.

WEAVELOK

For Substances for Chemically or Otherwise After-Treating Woven Textile Fabrics to Render Them Less Liable to Slip and Fray.
Claims use since Aug. 4, 1937.

Ser. No. 399,489. F. V. WEBBS, doing business as American Laboratories, Los Angeles, Calif. Filed Nov. 8, 1937.

Alkatine

For Medicinal Compound for the Treatment of Alcoholism.
Claims use since June 1, 1935.

Ser. No. 399,579. STERLING PRODUCTS COMPANY, Easton, Pa. Filed Nov. 10, 1937.

ERUSTOHUE

For Preparation for Use in Laundries for Souring and Bluing in One Operation.
Claims use since August, 1933.

Ser. No. 399,613. GRANT T. WHITESIDE, doing business as Grant Company, Sabina, Ohio. Filed Nov. 16, 1937.

Grant's TONJON

For Preparation for the Liver, Stomach, Nerves, Bowels, Blood, Biliousness, Dizziness, Complexion, Hepatic Congestion, Jaundice, Kidneys, Bladder, Urinary Organs, and Prostate Gland.
Claims use since February, 1935.

Ser. No. 399,823. GEORGE MARTIN BROEMMEL, doing business as Broemmel Laboratories, San Francisco, Calif. Filed Nov. 17, 1937.

ISOPHRIN

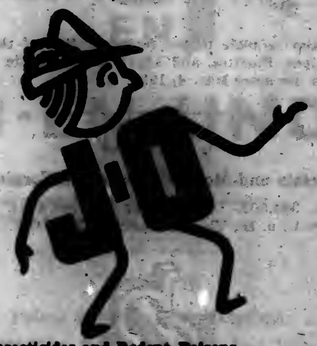
For Nasal Spray Preparation.
Claims use since 1930.

Ser. No. 399,915. ALBA PHARMACEUTICAL COMPANY, INC., New York, N. Y. Filed Nov. 19, 1937.

DISULON

For Chemotherapeutic Agent for Streptococcic and Staphylococcic Infections.
Claims use since Nov. 4, 1937.

Ser. No. 399,937. JOHN OPTIS, INC., Long Island City, N. Y. Filed Nov. 19, 1937.



For Insecticides and Rodent Poisons.
Claims use since Apr. 15, 1937.

Ser. No. 400,104. HONORCO, INC., Chicago, Ill. Filed Nov. 24, 1937.

HONOR

For Baking Soda, Cream of Tartar, and Laundry Bluing.
Claims use since January, 1912.

CLASS 8

Smokers' Articles, Not Including Tobacco Products

Ser. No. 394,773. MARK CROSS COMPANY, New York, N. Y. Filed July 1, 1937. Under section 5B, act of 1905, as amended 1920.



For Smoking Goods—Namely, Pipes, Pipe Racks, and Humidors.
Claims use since 1920.

Ser. No. 395,359. DONALD C. SMITH, Independence Mo. Filed July 17, 1937.



No claim is made to the representation of the goods.
For Pipes, Pipettes, and Cigar and Cigarette Holders.
Claims use since Mar. 4, 1937.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 384,506. CAROBRONZE ÖHRENWERK GESELLSCHAFT M. B. H., Vienna, Austria. Filed Oct. 19, 1936.



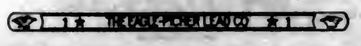
For Bronze Tube Blanks, Bronze Pipe Blanks, Bronze Rods, Copper Tube Blanks, Copper Pipe Blanks, Copper Rods, Unfinished Bronze Drop Forgings for Machine Parts—Namely, Cog or Gear Wheels, Bearing Bushings, Spherical Shaped Guides for Machinery Drive Shafts, Valve Guides, Bearing Raceways, Nuts, and Bolts.
Claims use since June, 1934.

Ser. No. 399,133. FIRTH-STERLING STEEL COMPANY, McKeesport, Pa. Filed Oct. 30, 1937.



For Steel in the Form of Bars, Blocks, Discs, and Pieces, All of Various Sizes.
Claims use since Oct. 19, 1937.

Ser. No. 399,171. THE EAGLE-PICHER LEAD COMPANY, Cincinnati, Ohio. Filed Nov. 1, 1937.



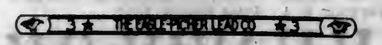
The representation of the bar apart from the mark shown is disclaimed.
For Solder.
Claims use since Jan. 1, 1920.

Ser. No. 399,172. THE EAGLE-PICHER LEAD COMPANY, Cincinnati, Ohio. Filed Nov. 1, 1937.



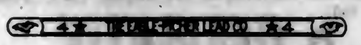
The representation of the bar apart from the mark shown is disclaimed.
For Solder.
Claims use since Jan. 1, 1920.

Ser. No. 399,173. THE EAGLE-PICHER LEAD COMPANY, Cincinnati, Ohio. Filed Nov. 1, 1937.



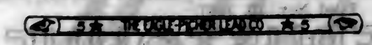
The representation of the bar apart from the mark shown is disclaimed.
For Solder.
Claims use since Jan. 1, 1920.

Ser. No. 399,174. THE EAGLE-PICHER LEAD COMPANY, Cincinnati, Ohio. Filed Nov. 1, 1937.



The representation of the bar apart from the mark shown is disclaimed.
For Solder.
Claims use since Jan. 1, 1920.

Ser. No. 399,175. THE EAGLE-PICHER LEAD COMPANY, Cincinnati, Ohio. Filed Nov. 1, 1937.



The representation of the bar apart from the mark shown is disclaimed.
For Solder.
Claims use since Jan. 1, 1920.

Ser. No. 399,176. THE EAGLE-PICHER LEAD COMPANY, Cincinnati, Ohio. Filed Nov. 1, 1937.



The representation of the bar apart from the mark shown is disclaimed.
For Solder.
Claims use since Jan. 1, 1920.

Ser. No. 399,177. THE EAGLE-PICHER LEAD COMPANY, Cincinnati, Ohio. Filed Nov. 1, 1937.

EAGLE DURABLE

The word "Durable" apart from the mark shown is disclaimed.
For Bearing Metal.
Claims use since Jan. 1, 1920.

Ser. No. 399,179. THE EAGLE-PICHER LEAD COMPANY, Cincinnati, Ohio. Filed Nov. 1, 1937.

EAGLE OUTLASTA

For Bearing Metal.
Claims use since Jan. 1, 1920.

CLASS 15

Oils and Greases

Ser. No. 396,521. F. MARTY & COMPANY, Syracuse, N. Y. Filed Aug. 17, 1937.

DINNERLITE

For Hand Dipped Candles.
Claims use since Jan. 1, 1922.

Ser. No. 397,468. JOHN BARNES, Milwaukee, Wis. Filed Sept. 16, 1937.

AUTO PORT

For Gasoline, Lubricating Oils, and Lubricating Greases.
Claims use since Apr. 15, 1937.

Ser. No. 398,868. THE A. S. BOYLE COMPANY, Jersey City, N. J. Filed Oct. 25, 1937.



The drawing is lined for red and black, said colors constituting an essential element of the mark. The representation of a label per se is disclaimed.
For Oil Adapted for Use as a Lubricator, a Preserver, or a Cleanser for Metal, Wood, or Leather.
Claims use since Apr. 27, 1937.

Ser. No. 398,869. THE A. S. BOYLE COMPANY, Jersey City, N. J. Filed Oct. 25, 1937.



3-IN-ONE

For Oil Adapted for Use as a Lubricator, a Preserver, or a Cleanser for Metal, Wood, or Leather.
Claims use since August, 1933.

Ser. No. 398,870. THE A. S. BOYLE COMPANY, Jersey City, N. J. Filed Oct. 25, 1937.



3-EN-UNO

For Oil Adapted for Use as a Lubricator, a Preserver, or a Cleanser for Metal, Wood, or Leather.
Claims use since May 19, 1937.

CLASS 16

Paints and Painters' Materials

Ser. No. 385,187. W. H. KEMP CO., New York, N. Y. Filed Nov. 5, 1936.

LUSTRGILD

The word "Lustr" apart from the word "Gild" and the word "Gild" apart from the word "Lustr" are disclaimed.
For Gold Paint.
Claims use since Oct. 23, 1936.

Ser. No. 395,862. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio. Filed July 31, 1937.



The mark comprises a broad bottom black band having a narrow band of red adjacent its upper marginal edge and surmounted by a field of red shading off into a light pink. No claim being made to the representation of the container per se.

For Polish Possessing Incidental Properties of a Cleaner for Automobiles, Finished Metal, and Articles Coated with Varnish, Paint, Lacquer, and Enamel.

Claims use since June, 1936.

Ser. No. 397,308. E. H. TOMLINSON, doing business as Blink Auto Products, San Diego, Calif. Filed Sept. 10, 1937.

Blink

For Automobile Polish and Cleaner, Automobile Fast Polish, and Automobile Polish.

Claims use since Aug. 5, 1937.

Ser. No. 398,383. ADVANCE COATINGS COMPANY, Fitchburg, Mass. Filed Oct. 12, 1937.

SPIL-PRUF

For Coating Materials—Namely, Synthetic Resinous Coatings for Application to Wood, Cloth, Paper, and Metal.

Claims use since Sept. 12, 1936.

Ser. No. 398,871. THE A. S. BOYLE COMPANY, Jersey City, N. J. Filed Oct. 25, 1937.



The drawing is lined for red and black, said colors constituting an essential element of the trade-mark. The representation of the label per se is disclaimed.

For Furniture Polish and Powdered, Paste, and Liquid Wax Preparations for Cleaning, Polishing, and Protecting Wood-Work, Floors of All Kinds, Furniture, Linoleum, and Automobiles.

Claims use since Jan. 20, 1937.

Ser. No. 398,872. THE A. S. BOYLE COMPANY, Jersey City, N. J. Filed Oct. 25, 1937.

3 IN

3-IN-ONE

For Furniture Polish and Powdered, Paste, and Liquid Wax Preparations for Cleaning, Polishing, and Protecting Wood-Work, Floors of All Kinds, Furniture, Linoleum, and Automobiles.

Claims use since Jan. 20, 1937.

Ser. No. 398,873. THE A. S. BOYLE COMPANY, Jersey City, N. J. Filed Oct. 25, 1937.

3 EN

3-EN-UNO

For Furniture Polish and Powdered, Paste, and Liquid Wax Preparations for Cleaning, Polishing, and Protecting Wood-Work, Floors of All Kinds, Furniture, Linoleum, and Automobiles.

Claims use since July 9, 1937.

Ser. No. 399,459. JAMESTOWN PAINT & VARNISH CO., Jamestown, Pa. Filed Nov. 8, 1937.

DIMLAC

For Rapid Drying Coating for Application to Wood, Concrete, or Steel, Which is Highly Resistant to Alkalis, Chemicals, and Acids, and is in the Nature of a Varnish.

Claims use since Nov. 18, 1936.

Ser. No. 399,655. THE GLIDDEN COMPANY, Cleveland, Ohio. Filed Nov. 12, 1937.

ROMARK

For Ready-Mixed Paint.

Claims use since Feb. 1, 1937.

Ser. No. 399,788. WEST COAST KALSOMINE COMPANY, Berkeley, Calif. Filed Nov. 15, 1937.

Flite

For Powder and Paste Used in the Preparation of Paints.

Claims use since July 22, 1937.

Ser. No. 399,868. UNITED COLOR AND PIGMENT COMPANY, INC., Newark, N. J. Filed Nov. 17, 1937.

UNITANE

For Titanium Pigments.

Claims use since Sept. 2, 1937.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 393,167. GENERAL SPECIALTIES CO., San Francisco, Calif. Filed May 24, 1937.

SUDDEN-CALL

The word "Call" and the representation of the plate are disclaimed apart from the mark.

For Electrical Devices in the Nature of Loud Speaker Systems.

Claims use since Jan. 9, 1937.

Ser. No. 395,094. BOYLES AMES, Lowell, Mass. Filed July 28, 1937.

COOKIT

For Electric Stoves and Parts Thereof.

Claims use since July 22, 1937.

Ser. No. 396,523. CONTINENTAL CAR-NA-VAR CORPORATION, Brazil, Ind. Filed Aug. 16, 1937.

CAR-NA-VAR

For Electric Cleaning Machines for Various Types of Floors, Rugs, and Carpets.

Claims use since Dec. 28, 1936.

Ser. No. 396,636. C. & E. MARSHALL CO., Chicago, Ill. Filed Aug. 23, 1937.

WATCH-CRAFT

For Electrical Meters.

Claims use since Feb. 1, 1936.

Ser. No. 397,662. STANDARD TRANSFORMER CORPORATION, Chicago, Ill. Filed Sept. 22, 1937.

A HHFI AUDIO AMPLIFIER STANCOR KIT

The words "Audio Amplifier Kit" are disclaimed as part of the mark.

For Electric Transformers.

Claims use since June 1, 1937.

Ser. No. 397,669. STANDARD TRANSFORMER CORPORATION, Chicago, Ill. Filed Sept. 22, 1937.

A DX STANCOR KIT

The expressions "DX" and "Kit" are disclaimed as part of the mark.

For Electric Transformers.

Claims use since June 15, 1937.

Ser. No. 397,660. STANDARD TRANSFORMER CORPORATION, Chicago, Ill. Filed Sept. 22, 1937.

STANCOR

For Electric Transformers.
Claims use since Sept. 1, 1930.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 371,093. FRANK C. BRADY, doing business as Screeno Amusement Co., Chicago, Ill. Filed Nov. 1, 1935.

SCREENO

For Game Employing Cards and Played Somewhat After the Manner of Lotto.
Claims use since Apr. 10, 1929.

Ser. No. 396,859. THE PROCESS CORPORATION, Chicago, Ill. Filed Oct. 22, 1937.

PLAY-OLA

For Games, and More Particularly Games of Chance Played with Concealed Numbers.
Claims use since Oct. 5, 1937.

Ser. No. 398,990. LESTER M. DAVIS, doing business as Davis Fishing Tackle Company, Tacoma, Wash. Filed Oct. 27, 1937.

FLEX-I-TROLL

For Trolling Spinners.
Claims use since Feb. 1, 1936.

Ser. No. 399,309. R. H. MACY & CO., INC., New York, N. Y. Filed Nov. 4, 1937. Under section 5b of the act of 1905 as amended in 1920.

MACY'S

For Jigsaw Puzzles, Tennis Balls, Fishing Rods, Anagrams, Table Tennis Balls, and Golf Balls.
Claims use on tennis balls, fishing rods, and golf balls since 1930; on jigsaw puzzles since 1931; on table tennis balls since 1932; and on anagrams since 1933.

Ser. No. 399,630. OCEAN CITY MANUFACTURING COMPANY, Philadelphia, Pa. Filed Nov. 19, 1937.

ZEPHALOY

For Fishing Rods.
Claims use since August, 1936.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 384,297. VICKERS, INCORPORATED, Detroit, Mich. Filed Oct. 15, 1936.



For Hydraulic Pumps, Hydraulic Power Transmissions, Hydraulic Machinery—Namely, Hoists and Accumulator Units; Controls for Hydraulically Operated Machinery Such as Panels, Hydraulic and Electric-Hydraulic; Valves, Manually, Mechanically, Solenoid, and Hydraulically Operated; Hydraulic Pressure and Flow Controls, and Fluid Operated Mechanisms—Namely, Pumps and Motors.
Claims use since July, 1936.

Ser. No. 384,298. VICKERS, INCORPORATED, Detroit, Mich. Filed Oct. 15, 1936.



For Hydraulic Pumps, Hydraulic Power Transmissions, Hydraulic Machinery—Namely, Hoists and Accumulator Units; Controls for Hydraulically Operated Machinery Such as Panels, Hydraulic and Electric-Hydraulic; Valves, Manually, Mechanically, Solenoid, and Hydraulically Operated; Hydraulic Pressure and Flow Controls, and Fluid Operated Mechanisms—Namely, Pumps and Motors.
Claims use since July, 1936.

Ser. No. 391,325. THE HOLO-KROME SCREW CORPORATION, Elmwood, Conn. Filed Apr. 14, 1937.

HOLO-KROME

The word "Krome" is disclaimed apart from the mark.
For Wrenches.
Claims use since Dec. 1, 1929.

Ser. No. 395,382. JOE B. BADLEY, Portland, Oreg. Filed July 19, 1937.

ANGLEWORM

For Tractors.
Claims use since January, 1934.

Ser. No. 395,612. ALPHA F. COSTON, Ashland, Ohio. Filed July 24, 1937.

COMPOSOGRAPH

For Line Justifying Attachment for Typewriting Machines and the Like.
Claims use since July 6, 1937.

Ser. No. 396,711. [illegible], Geneva, Switzerland. Filed Aug. 24, 1937.

For Sewing Machines [illegible] Thereof and Containers and Articles [illegible] Receptacles for and Parts of Sewing [illegible].
Claims use since Feb. [illegible], 1936.

Ser. No. 396,763. [illegible] COMPANY, Muskegon Heights, [illegible] Aug. 26, 1937.

B-K

For Metal Drilling, Filing, and Lapping Machines and Jigs and Fixtures as Accessories Thereto and Parts Thereof Such as Hole Laps, Adjustable Stops, Dies, Adjustable Tables, Piercing Punch Strippers, and the Like.
Claims use since Oct. 1, 1930.

Ser. No. 397,388. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del., and San Francisco, Calif. Filed Sept. 13, 1937.

LUBELINER

For Lubricating Oil Dispensing Equipment Consisting of Portable Metal Tanks Associated With Pumps or Other Delivery Devices.
Claims use since August, 1937.

Ser. No. 397,502. LANDON P. SMITH, INC., Irvington, N. J. Filed Sept. 20, 1937.

RED MAN

For Glass Cutters.
Claims use since Aug. 1, 1915.

Ser. No. 397,675. THE RAWLPLUG COMPANY, INC., New York, N. Y. Filed Sept. 22, 1937.

TRIANGLE 3POINT DRILLS

No claim is made to the word "Trade-Mark" or to the caption "Triangle 3-Point Drills" apart from the mark.
For Drills Used in Drilling Holes in Masonry and the Like for the Reception of Bolt and Screw Anchors.
Claims use since Aug. 27, 1937.

Ser. No. 397,797. HENRY DISSTON & SONS, INCORPORATED, Tacony, Philadelphia, Pa. Filed Sept. 25, 1937.

D 6 Co.

For Tool Bits for Lathe and Planer Work.
Claims use since Sept. 13, 1937.

Ser. No. 397,798. HENRY DISSTON & SONS, INCORPORATED, Tacony, Philadelphia, Pa. Filed Sept. 25, 1937.

D 12 Co.

For Tool Bits for Lathe and Planer Work.
Claims use since Aug. 12, 1937.

Ser. No. 398,251. MACCHESNEY MANUFACTURING COMPANY OF CALIFORNIA, Compton, Calif. Filed Oct. 7, 1937.

MONEY SAVER

For Liners for Pumps.
Claims use since Apr. 1, 1934.

Ser. No. 398,381. THE TRUMBULL ELECTRIC MANUFACTURING COMPANY, Plainville, Conn. Filed Oct. 9, 1937. The word "Pure" is disclaimed except as shown.

ELECTRO-PURE

For Milk Pasteurizing Apparatus and Parts Thereof.
Claims use since June 16, 1936.

CLASS 24

Laundry Appliances and Machines

Ser. No. 390,634. CONTINENTAL CAR-NA-VAR CORPORATION, Brazil, Ind. Filed Nov. 5, 1937.

CAR-NA-VAR

For Electric Cleaning and Rug Scrubbing Machine.
Claims use since Dec. 28, 1936.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 397,535. THE UNEQUALABLE LENS COMPANY OF AMERICA, INC., Beverly Hills, Calif. Filed Sept. 17, 1937.

TULCA

For Ophthalmic Lenses.
Claims use since Nov. 9, 1936.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 396,947. THE BALL COMPANY, Chicago, Ill. Filed Aug. 31, 1937.



The words "Chicago", "Hollywood", "Lake Placid", "Paris", "London", "New York", "Jewelry", and the outline of the label or package itself are disclaimed apart from the mark.
For Jewelry for Personal Wear or Adornment but Not Including Silver Plate Flatware, Hollow Ware, Cutlery, and Watches.
Claims use since July 23, 1937.

CLASS 31

Filters and Refrigerators

Ser. No. 383,885. JOHNSON MOTOR COMPANY, Waukegan, Ill. Filed Oct. 2, 1936.



The drawing is lined for blue and yellow.
For Refrigerators.
Claims use since June 4, 1936.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 392,788. CARRAWAY-BYRD CORPORATION, Dallas, Tex. Filed May 18, 1937.

CARRAWAY-BYRD

For Air Conditioning Machines.
Claims use since Dec. 7, 1936.

Ser. No. 397,061. WHITEHEAD METAL PRODUCTS COMPANY OF NEW YORK, INC., New York, N. Y. Filed Sept. 2, 1937.

HYDROCHEF

For Combined Gas or Electric Range and Sink.
Claims use since May 7, 1937.

Ser. No. 397,181. BROWN-CAMP HARDWARE COMPANY, Des. Moines, Iowa. Filed Sept. 7, 1937.

I.O.A.

For Kerosene Lanterns, and Stove Dampers.
Claims use since 1907.

CLASS 36

Musical Instruments and Supplies

Ser. No. 393,527. C. G. CONN LTD., Elkhart, Ind. Filed June 2, 1937.



For Cornets, Trumpets, Fluegelhorns, French Horns, Trombones, Euphoniums, Baritones, Basses, Sousaphones, Alto Horns, Mellophones, Saxophones, Clarinets, Flutes, Piccolos, Sarrusophones, Bassoons, Oboes, and Bugles and Accessories Therefor.
Claims use since Jan. 1, 1933.

Ser. No. 394,345. PERMO PROCESS CO., San Francisco, Calif. Filed June 21, 1937.

Permo

For Cane Reeds for Musical Instruments.
Claims use since June 1, 1937.

Ser. No. 394,780. BUESCHER BAND INSTRUMENT CO., Elkhart, Ind. Filed July 2, 1937.



The word "Windsor" is disclaimed apart from the mark.
For Band and Orchestra Instruments—Namely, Cornets, Trombones (Slide and Valve), Mellophone, Euphonium, Helicon, Clarinet, Piccolo, Saxophone, Tuner Horn, Mouthpieces (Cup and Woodwind), Trumpets, Flugel Horn, Baritone Horns, Bass Horns, Oboe, Flute, Alto Horn, French Horn.
Claims use since Feb. 11, 1937.

Ser. No. 397,526. THE RUDOLPH WURLITZER COMPANY, De Kalb, Ill. Filed Sept. 17, 1937.

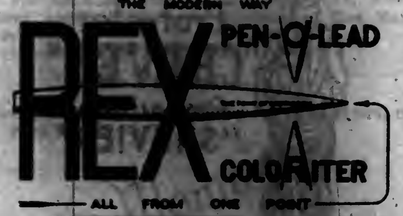
Butterfly PIANO

The word "Piano" is disclaimed apart from the mark.
For Pianos.
Claims use since July 20, 1937.

CLASS 37

Paper and Stationery

Ser. No. 382,414. GIUSEPPE DONATO, Philadelphia, Pa. Filed Aug. 24, 1936.



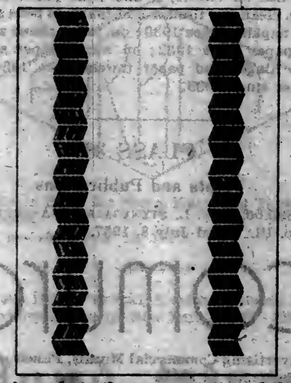
The representation of the goods and the wording "The Modern Way", "All From One Point", "The Point of Distinction", "Pen-O-Lead", and "Coloriter" are disclaimed apart from the mark.
For Fountain Pens and Mechanical Lead Pencils.
Claims use since Aug. 15, 1936.

Ser. No. 388,185. ACE FASTENER CORPORATION, Chicago, Ill. Filed Oct. 6, 1937.

CLIPPER

For Stapling Machines of the Plier Type and Staples Therefor.
Claims use since Feb. 1, 1937.

Ser. No. 389,713. A. P. W. PAPER COMPANY, INC., Albany, N. Y. Filed Mar. 8, 1937.



No claim is made to the representation of the wrapper per se.
For Toilet Tissue.
Claims use since Jan. 12, 1937.

Ser. No. 390,973. SERVICE INDUSTRIES, INC., Boston, Mass. Filed Apr. 5, 1937.

PAPER WELDER

For Hand Operated Paper Fastening Device.
Claims use since Jan. 10, 1936.

Ser. No. 399,097. WILLIAM H. MCCULLOUCH, doing business as Finch & McCullouch, Aurora, Ill. Filed Oct. 29, 1937.

Memory Masterpieces

For Memo Pads, Memo Pad Holders, Memo Books, Directory Pads, Perpetual Desk Calendars, Wall Calendar Holders, Combination Perpetual Calendars and Ash Trays for Desk, and Combined Perpetual Calendar Pencil and Pin Trays.
Claims use since April, 1935.

Ser. No. 399,466. THE NORTHWEST PAPER COMPANY, Cloquet, Minn. Filed Nov. 8, 1937.

MOUNTIE

For Paper—Namely, Book Paper.
Claims use since Dec. 9, 1933.

Ser. No. 399,622. THE PARKER PEN COMPANY, Janesville, Wis. Filed Nov. 11, 1937.

CHALLENGER

For Fountain Pens, Mechanical Pencils, and Desk Sets.
Claims use since Jan. 4, 1934.

Ser. No. 399,719. R. H. MACY & Co., INC., New York, N. Y. Filed Nov. 13, 1937. Under section 5b of the act of 1905 as amended in 1920.

MACY'S

For Waxed Paper, Envelopes, Bond Paper, Paper Napkins, Stamp Hinges, Crepe Paper, Toilet Tissue, Shelf Paper, Pencils, Paper Towels, Cleansing Tissues, and Fountain Pens.

Claims use on envelopes and bond paper since 1907; on pencils, cleansing tissues, and fountain pens since 1929; on paper napkins since 1930; on toilet tissue since 1931; on shelf paper since 1932; on waxed paper since 1933; on stamp hinges and paper towels since 1934; and on crepe paper since 1935.

CLASS 38

Prints and Publications

Ser. No. 395,002. W. L. STENSGAARD & ASSOCIATES, INC., Chicago, Ill. Filed July 8, 1937.

comura

For Advertising Commercial Murals, Panels, and Screens Sold to the Trade as Such.

Claims use since Mar. 1, 1937.

Ser. No. 398,186. THE AMERICAN OIL CHEMISTS' SOCIETY, New Orleans, La. Filed Oct. 6, 1937.

OIL & SOAP

OFFICIAL ORGAN OF THE AMERICAN OIL CHEMISTS' SOCIETY

For Periodical, Now Published Monthly.

Claims use since January, 1932.

Ser. No. 398,371. ROBERT L. RIPLEY, Mamaroneck, N. Y. Filed Oct. 11, 1937.

Ripley

The trade-mark is a part of the facsimile signature of the applicant.

For Graphics, Cartoons, Sketches, Drawings, and Illustrations, as Contributions to and Components of Newspapers, Periodicals, Books, Advertising Matter and Motion Pictures.

Claims use since 1919.

Ser. No. 398,447. SOVEREIGN CAMP OF THE WOODMEN OF THE WORLD, Omaha, Nebr. Filed Oct. 11, 1937.

RADIO NEWS TOWER

For Periodical Publication.

Claims use since Oct. 1, 1936.

Ser. No. 398,639. ROBERT L. RIPLEY, Mamaroneck, N. Y. Filed Oct. 18, 1937.

Believe It or Not!

Ripley

The name "Ripley" is a part of the facsimile signature of the applicant.

For Graphics, Cartoons, Sketches, Drawings, and Illustrations, as Contributions to and Components of Newspapers, Periodicals, Books, Advertising Matter, and Motion Pictures.

Claims use since 1919.

Ser. No. 399,114. UNITED FEATURES SYNDICATE, INC., New York, N. Y. Filed Oct. 20, 1937.



The mark comprises the portrait of Daisy Mae, a fanciful, fictitious character.

For Comic Drawings Published in a Series in Daily and Sunday Newspapers.

Claims use since Mar. 14, 1937.

Ser. No. 399,141. KING FEATURES SYNDICATE, INC., New York, N. Y. Filed Oct. 20, 1937.

MOVIE-GO-ROUND

For Newspaper Section.

Claims use since December, 1921.

CLASS 39

Clothing

Ser. No. 383,771. SOL GAUSSA, Brooklyn, N. Y. Filed Sept. 29, 1936.



Protector
"CHEVES"
Pronounced
"SHEVIES"

The words "Protector" and "Pronounced Shevies" are disclaimed apart from the mark. The drawing is lined for blue.

For Pants and Overalls.

Claims use since Aug. 14, 1936.

Ser. No. 385,868. JOHNSON, STEPHENS AND SHINKLE SHOE COMPANY, St. Louis, Mo. Filed Nov. 14, 1936.



No claim is made to the words "The" or "Shoe" or to the numerals 1, 2, or 3, or to the three circles upon which the numerals appear, when dissociated from each other or the other features of the mark.

For Shoes of Leather, or a Combination of Leather, Rubber, or Fabric.

Claims use since Aug. 1, 1936.

Ser. No. 385,833. JOHN DAVIS, New York, N. Y. Filed Nov. 21, 1936.

Dog-on-it

For Socks, Men's Union Suits, Undershirts, Underdrawers, Dress and Negligee Shirts, Neckties, Collars, Men's Hats and Caps, Leather and Fabric Gloves, Men's Suits, Sweaters, Overcoats, Raincoats, Mufflers, Pajamas, Bath and Lounging Robes, and Bathing Suits.

Claims use since Sept. 21, 1936.

Ser. No. 391,094. MILTON STEINMAN, Philadelphia, Pa. Filed Apr. 8, 1937.



The words "By Art" are disclaimed apart from the mark.

For Men's and Boys' Neckties, and Men's, Women's, Boys', and Girls' Neckwear Consisting of Ties, Mufflers, and Scarfs.

Claims use since Feb. 1, 1936.

Ser. No. 391,142. MOMAX MFG. CO., Wallingford, Conn. Filed Apr. 9, 1937.

Momax

For Men's Under Shirts, Negligee, Dress, and Work Shirts, and Women's Clothing—Namely, Waists, Blouses, Riding Skirts, Slacks, Shorts, Pajamas.

Claims use since October, 1935.

Ser. No. 393,561. AGNÈS RITTENER, Paris, France. Filed June 1, 1937.

SERRAX

For Ladies' Hats and Frames Therefor.

Claims use since March, 1937.

Ser. No. 394,702. DANIEL FORBES COMPANY, Chicago, Ill. Filed June 30, 1937.

FORBEST

For Leather Parts for Shoes, Known as Taps, Top Lifts, and Cut Soles.

Claims use since Jan. 15, 1910.

Ser. No. 395,105. HERBERT KARASICK, doing business as Kay Novelty Company, New York, N. Y. Filed July 14, 1937.

Bond Street

For Belts in the Nature of Garment Supporters, and Braces.

Claims use since July 6, 1937.

Ser. No. 396,078. HEARN DEPARTMENT STORES, INC., New York, N. Y. Filed Aug. 6, 1937.

Boysshire

For Boys' Clothing—Namely, Suits, Overcoats, Hats, Caps, Leather and Fabric Shoes, Under and Outer Shirts, Union Suits, Socks, Stockings, Outer and Under Shorts.

Claims use since Sept. 11, 1936.

Ser. No. 396,161. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y. Filed Aug. 7, 1937.



The drawing is lined for red and blue.

For Overalls.

Claims use since Mar. 8, 1937.

Ser. No. 396,291. ATLANTA KNITTING MILLS, New York, N. Y. Filed Aug. 12, 1937.

Jamboree

For Clothing—Namely, Ladies' and Children's Underwear.
Claims use since July 1, 1937.

Ser. No. 396,352. COMET CORSET CO., INC., New York, N. Y. Filed Aug. 13, 1937.

MarvelMold

The word "Mold" is disclaimed apart from the mark.
For Corsets, Girdles, Corselets, Brassières, Bandeaux, and Foundation Garments.
Claims use since July 15, 1937.

Ser. No. 397,035. SILBERMANNS, INC., Niagara Falls, N. Y. Filed Sept. 2, 1937.

Scot-Squire



The picture is fanciful.
For Men's and Boys' Suits and Overcoats, Topcoats, Raincoats, Hats, Shoes Made of Leather or Fabrics or Combinations Thereof, Underwear, Sweaters, and Gloves Made of Leather or Fabrics and Combinations Thereof.
Claims use since June 19, 1937.

Ser. No. 397,713. KLEVEN SHOE CO., Spencer, Mass. Filed Sept. 23, 1937.



The word "Comfort" is disclaimed apart from the mark.
For Shoes of Leather and Fabric and Combinations Thereof.
Claims use since Aug. 15, 1937.

Ser. No. 397,861. THE SUPERIOR SHOE CO., INC., Chicago, Ill. Filed Sept. 27, 1937.



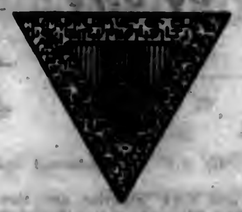
The words "Dr. C. A. Haines" and the representation of the shoe are disclaimed apart from the mark.
For Shoes Made of the Combination of Leather and Fabric.
Claims use since June 9, 1937.

Ser. No. 397,897. CAPAGHOUIS BROS. & COMPANY, Brockton, Mass. Filed Sept. 28, 1937.

CAP-TOPS

The word "Tops" is disclaimed apart from the mark.
For Shoe Lifts.
Claims use since Aug. 30, 1937.

Ser. No. 398,034. BERRY MANUFACTURING COMPANY, Berne, Ind. Filed Oct. 2, 1937.



The drawing is lined for yellow, red, black, and green.
For Boys', Girls', Youths', and Misses' Cotton, Wool, Rubber, and Leather Wearing Apparel—Namely, Outer and Under Jumpers, Shorts, Jackets, Bib Trousers, and Caps.
Claims use since Dec. 1, 1932.

Ser. No. 398,092. CHARLES STORES COMPANY INCORPORATED, New York, N. Y. Filed Oct. 4, 1937.

LADY CHARLES

For Women's and Misses' Shoes Made of Leather, Rubber, or Fabric, or a Combination of Said Materials, and Hosiery.
Claims use since 1932.

Ser. No. 398,309. WEISS MFG. CORP., New York, N. Y. Filed Oct. 8, 1937.



The drawing is lined for red.
For Children's Dresses and Play Togs.
Claims use since Sept. 24, 1937.

Ser. No. 398,320. MELVILLE SHOE CORPORATION, New York, N. Y. Filed Oct. 9, 1937.

Frank Tod

For Shoes Made of Leather, Rubber, or Fabric, or Combinations of Such Materials.
Claims use since Oct. 1, 1937.

Ser. No. 398,461. COMMONWEALTH SHOE AND LEATHER COMPANY, Whitman, Mass. Filed Oct. 14, 1937.

WINDSOR

The word "Windsor" is disclaimed apart from the mark.
For Men's Shoes of Leather, Rubber, Fabric, or Combinations Thereof.
Claims use since Apr. 26, 1935.

Ser. No. 398,578. BRENNAN HOPKINS COMPANY, Baltimore, Md. Filed Oct. 16, 1937.



BY
HOPKINS

The words "For Health and Comfort" are disclaimed apart from the mark. Applicant is owner of T. M. Reg. No. 128,643 covering the word "Hopkins" effected under the 10-year proviso.
For Men's and Women's Hats Made of Straw and Similar Material.
Claims use since July 24, 1937.

Ser. No. 398,583. LOUIS MEYERS & SON, INC., New York, N. Y. Filed Oct. 18, 1937.

Una Seam

The word "Seam" is disclaimed apart from the mark.
For Ladies', Men's, and Children's Gloves of Leather, Fabric, and Combinations of Said Materials.
Claims use since June 17, 1936.

Ser. No. 398,628. MELTON HAT CO., INC., New York, N. Y. Filed Oct. 18, 1937.



No claim is made to the words "Melton" and "The Four Season Hat" apart from the mark.
For Men's Hats.
Claims use since June, 1935.

Ser. No. 398,642. D. SIEGEL CO., New York, N. Y. Filed Oct. 18, 1937.

Royal Yorke

The drawing is lined for red and yellow. The words "Royal" and "Yorke" are disclaimed apart from the mark.
For Men's Overcoats.
Claims use since Aug. 6, 1937.

Ser. No. 398,850. HAT CORPORATION OF AMERICA, Norwalk, Conn. Filed Oct. 23, 1937.



For Hats for Men and Women.
Claims use since Oct. 8, 1937.

Ser. No. 398,853. LEWIS & HENOW, New York, N. Y. Filed Oct. 23, 1937.

Click-Clack Weskits

The word "Weskits" is disclaimed apart from the mark.
For Children's Dresses, Skirts, Blouses, and Bolero Ensembles.
Claims use since Jan. 31, 1936.

Ser. No. 398,866. WELLS-LAMONT-SMITH CORPORATION, Minneapolis, Minn. Filed Oct. 23, 1937.

7 UP

For Work Gloves of Leather or Combined Leather and Fabric.
Claims use since Sept. 18, 1937.

Ser. No. 398,988. BONWIT TELLER, INC., New York, N. Y. Filed Oct. 27, 1937.

Corn-Flake-Tweed

The word "Tweed" is disclaimed except as shown.
For Women's and Misses' Dresses, Suits, Coats, Jackets, Skirts, and Hats and Scarfs.
Claims use since Oct. 25, 1937.

Ser. No. 399,012. RIVAL SHOE COMPANY, INC., New York, N. Y. Filed Oct. 27, 1937.

CORDOTAN

For Shoes Made of Leather, Rubber, Fabrics, and Combinations Thereof.
Claims use since Aug. 19, 1937.

Ser. No. 399,016. SAMUEL SPITS & SONS, INC., New York, N. Y. Filed Oct. 27, 1937.



For Men's and Boys' Suits, Overcoats, Coats, Jackets, Trousers, and Slacks.
Claims use since Oct. 15, 1937.

Ser. No. 399,018. THALHEIMS' WEARWELL SHOE CO., INC., New York, N. Y. Filed Oct. 27, 1937.

BETZY CROSS

ORTHOPEDIC SHOES

FOR GROWING FEET

No claim is made to the words "Betzy Cross" and "Orthopedic Shoes for Growing Feet" apart from the mark.
For Leather and Rubber Shoes.
Claims use since Oct. 11, 1937.

Ser. No. 399,031. CELANESE CORPORATION OF AMERICA, New York, N. Y. Filed Oct. 28, 1937.

CELACOOL

For Men's and Women's Underwear and Sport Shirts.
Claims use since Oct. 6, 1937.

Ser. No. 399,073. CELANESE CORPORATION OF AMERICA, New York, N. Y. Filed Oct. 29, 1937.

RADIONESE

For Men's and Ladies' Underwear.
Claims use since Oct. 27, 1937.

Ser. No. 399,091. THE J. L. HUDSON COMPANY, Detroit, Mich. Filed Oct. 29, 1937.

DARWOOD

For Men's Dress, Negligee, and Sport Shirts.
Claims use since June 1, 1937.

Ser. No. 399,112. TOWN HOSIERY CO. INC., New York, N. Y. Filed Oct. 29, 1937.



For Hosiery.
Claims use since Sept. 15, 1936.

Ser. No. 399,147. THE L. V. MARKS & SONS COMPANY, Cincinnati, Ohio. Filed Oct. 30, 1937.

ARCH-TRIUMPH FLEX LOCK

For Women's Shoes of Leather, Fabric, and Combinations of These Materials.
Claims use since Jan. 1, 1935.

Ser. No. 399,157. STRAHAN & CO., New York, N. Y. Filed Oct. 30, 1937.

MODELTEX

For Ladies' Hosiery.
Claims use since Oct. 20, 1937.

Ser. No. 399,183. GANTNER & MATTERN COMPANY, San Francisco, Calif. Filed Nov. 1, 1937.

FORE & AFT

For Trunks, Swim Suits, and Sweaters.
Claims use since Oct. 5, 1937.

Ser. No. 399,222. BEYMORE CLOTHES, INC., New York, N. Y. Filed Nov. 2, 1937.



For Men's Suits, Overcoats, Sport Suits, Sport Coats, and Dress Suits.
Claims use since November, 1935.

Ser. No. 399,223. CLAUDEMIRE HOSIERY COMPANY, Paducah, Ky. Filed Nov. 2, 1937.

"Here O'There"

For Hosiery.
Claims use since Aug. 15, 1937.

Ser. No. 399,237. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y. Filed Nov. 2, 1937.

ADAGIO

For Brassieres, Bandeaux, Corsets, Corselets, Panties, Pantie-Girdles, Girdles, and Garter-Belts.
Claims use since Oct. 26, 1937.

Ser. No. 399,324. PERVEL CORPORATION, New York, N. Y. Filed Nov. 4, 1937.

Pervel

For Cellulose Fabric Coats, Caps, Jackets, and Aprons for Barbers, Dentists, Doctors, Butchers, Waiters, Nurses, and Maids, and Bibs for Infants, Beauty Parlors, and Barber Shops.
Claims use since Aug. 30, 1937.

Ser. No. 399,369. THE LOUIS OSTROV SHOE COMPANY, Akron, Ohio. Filed Nov. 5, 1937.

LOYAL WALKER

For Shoes Made of Leather for Men and Boys.
Claims use since Mar. 15, 1934.

Ser. No. 399,479. SCHWARTZ & BENJAMIN, INC., New York, N. Y. Filed Nov. 8, 1937.

STRAWBERRY-PATCH

For Ladies' and Misses' Shoes, Made of Leather, Canvas, Fabric, or Compositions or Combinations Thereof.
Claims use since Nov. 1, 1937.

Ser. No. 399,506. THE A. E. HODSHON CORP., Danbury, Conn. Filed Nov. 9, 1937.



For Hats, Hat Bodies, Hat Hoods, Hat Strips, and Hat Skirts.
Claims use since June, 1937.

Ser. No. 399,581. STRATBURY MANUFACTURING COMPANY, Galion, Ohio. Filed Nov. 10, 1937.

Dewbury

For Overcoats and Top Coats for Men.
Claims use since Aug. 1, 1934.

Ser. No. 299,664. KAYLON, INC., New York, N. Y. Filed Nov. 12, 1937.

Kaylon

For Men's, Women's, and Children's Pajamas.
Claims use since June, 1937.

Ser. No. 299,714. ROBERT C. KING & CO., New York, N. Y. Filed Nov. 12, 1937.

MENTOG

For Underwear for Men and Boys', of Both Knitted and Woven Material, Made of Cotton, Rayon, Merino, or Silk.
Claims use since Oct. 29, 1937.

Ser. No. 299,826. COHEN, GOLDMAN & Co. INC., New York, N. Y. Filed Nov. 17, 1937.



The words "English Lounge" are disclaimed apart from the mark.
For Men's, Boys', and Children's Outer Garments, Consisting of Coats, Vests, Pants, and Trousers.
Claims use since Sept. 1, 1937.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 291,277. KIRBY, BEARD & CO. LIMITED, Birmingham, England. Filed Apr. 13, 1937.

PERSONALITY

For Hair Pins, Hair Clips, Non-Electrical Hair Curlers, Pins, Needles, and Safety Pins, All Being Goods of Ordinary Metal.
Claims use since May 4, 1936.

Ser. No. 299,250. ARMAND SCHWAB & CO., INC, New York, N. Y. Filed Nov. 2, 1937.

PAGLINA

For Hat Braids Made of Rayon Fabric and Hemp Suitable for Making and/or Ornamenting Hats for the Use of Women and/or Children.
Claims use since Oct. 26, 1937.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 294,942. M. HAUSMAN & SONS, New York, N. Y. Filed July 7, 1937.

PON-CELL

For Rayon Piece Goods.
Claims use since Jan. 4, 1932.

Ser. No. 297,497. CHATHAM MANUFACTURING COMPANY, Winston-Salem, N. C. Filed Sept. 17, 1937.

Airloom

For Sheets, Pillowcases, Buildings in the Piece, and Automobile Upholstery Fabric in the Piece.
Claims use since May 1, 1932.

Ser. No. 298,224. HENRY PETRI, Medford, Oreg. Filed Oct. 9, 1937.

'NESTLE DOWN'

No claim is made to the word "Down".
For Quilts.
Claims use since Aug. 26, 1937.

Ser. No. 298,674. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio. Filed Oct. 18, 1937.

DOUBLE EAGLE

For Woolen Automobile Robes.
Claims use since Sept. 21, 1937.

Ser. No. 298,677. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio. Filed Oct. 18, 1937.

RESOLUTE

For Woolen Automobile Robes.
Claims use since Sept. 21, 1937.

Ser. No. 298,678. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio. Filed Oct. 18, 1937.

SPEEDWAY

For Woolen Automobile Robes.
Claims use since Sept. 21, 1937.

Ser. No. 298,730. LIAN BROTHERS, New York, N. Y. Filed Oct. 20, 1937.

Linbro

For Textile Goods and More Particularly Linen and Other Table Cloths, Bridge Sets, Runners, Refectory Sets, Bedspreads, Pillow Cases, and Bedsheets, Each With and Without Hand Embellishment.
Claims use since Nov. 15, 1936.

Ser. No. 299,103. C. M. DU LANE, New York, N. Y. Filed Nov. 1, 1937.

Craftsman Fabric

The word "Fabric" is disclaimed apart from the mark.
For Piece Goods of Wool for Women's and Misses' Clothing.
Claims use since June, 1937.

Ser. No. 299,109. C. M. DU LANE, New York, N. Y. Filed Nov. 1, 1937.

Montachilla

For Piece Goods of Wool for Women's and Misses' Clothing.
Claims use since June, 1937.

Ser. No. 299,369. YALE FABRICS CORP., New York, N. Y. Filed Nov. 5, 1937.

"LADY VOGUE" PRINTS

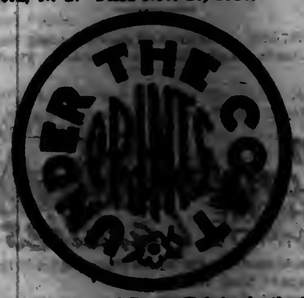
The words "Vogue" and "Prints" are disclaimed except as shown.
For Silk, Cotton, and Rayon Piece Goods, and Combinations Thereof.
Claims use since Nov. 1, 1937.

Ser. No. 299,417. HENRY MANNHEIMER & Co., INC., New York, N. Y. Filed Nov. 6, 1937.



For Woolen and Worsted Piece Goods.
Claims use since December, 1936.

Ser. No. 299,564. MALLINSON FABRICS CORPORATION, New York, N. Y. Filed Nov. 10, 1937.



For Silk, Acetate, and Rayon Fabrics in the Piece.
Claims use since Oct. 15, 1937.

Ser. No. 299,592. AMSTERDAM TEXTILES, Amsterdam, N. Y. Filed Nov. 11, 1937.

TEXTRED

For Braided Cotton Rugs.
Claims use since September, 1936.

Ser. No. 299,691. V'SOSKE SHOPS, Grand Rapids, Mich. Filed Nov. 12, 1937.

V'SOSKE

For Rugs.
Claims use since Aug. 2, 1937.

Ser. No. 299,702. THE BEMOND MILLS, New York, N. Y. Filed Nov. 13, 1937.

SILVER Fox

For Blankets.
Claims use since Oct. 29, 1937.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 297,800. SHURON OPTICAL COMPANY, INC. Geneva, N. Y. Filed Sept. 20, 1937.

SHURON

For Chairs, Stools, and Appurtenant Attachments for Use in the Testing of the Eyes.
Claims use since Jan. 2, 1937.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 294,782. GLASER CRANDELL CO., Chicago, Ill. Filed July 2, 1937.

Swig

For Nonalcoholic Beverages, More Particularly Nonalcoholic Beverages in Concentrated or Syrup Form.
Claims use since May 29, 1937.

Ser. No. 399,571. RED ARROW BOTTLING WORKS, Detroit, Mich. Filed Nov. 10, 1937.

MORNING AFTER

For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks, and Syrups, Extracts, and Flavors Used in Making the Same.
Claims use since May 15, 1935.

Ser. No. 399,619. OXFORD CLUB BEVERAGE CO., Detroit, Mich. Filed Nov. 11, 1937.

SWEET SIXTEEN

For Nonalcoholic Maltless Beverage Sold as Soft Drinks.
Claims use since Sept. 28, 1937.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 371,851. JAMES J. CATALANO, doing business as Glen Grange, Brooklyn, N. Y. Filed Nov. 22, 1935.



The words "Health Eggs" are disclaimed apart from the mark. The drawing is lined for red, yellow, orange, brown, black, green, and violet.
For Eggs.
Claims use since Nov. 19, 1935.

Ser. No. 386,830. THE WELCH GRAPE JUICE COMPANY, Westfield, N. Y. Filed Dec. 16, 1936. Under section 5b of the act of 1905 as amended in 1920.

Welch's

For Canned Grapefruit, Grapefruit Juice, Orange Juice, and Pineapple Juice, All for Food Purposes.
Claims use since Nov. 25, 1936.

Ser. No. 392,067. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn. Filed Apr. 29, 1937.

Northern Special

The word "Special" is disclaimed apart from the mark.
For Flour, Particularly Whole Wheat Flour.
Claims use since Apr. 16, 1937.

Ser. No. 394,852. MUTUAL ORANGE DISTRIBUTORS, Redlands, Calif. Filed July 3, 1937.

PURE GOLD

Applicant is the owner of trade-mark registration No. 195,437, No. 238,608, and No. 239,870.
For Fresh Citrus Fruit and Canned Orange Juice for Food Purposes.
Claims use since 1910 on fresh citrus fruits; since May 17, 1937, on canned citrus fruit juices.

Ser. No. 396,244. LILLIAN E. SOINE, doing business as American Worcestershire Sauce Company, New York, N. Y. Filed Aug. 10, 1937.

"WORCESTERSHIRIZED"

For Tomato Juice, Chili Sauce, Salad Dressing, Tomato Ketchup, and Pure Prepared Mustard.
Claims use since June 25, 1937.

Ser. No. 396,278. SEABOARD LEMON ASSN., Oxnard, Calif. Filed Aug. 11, 1937.



No claim is made to the representations of the fruit and label apart from the mark.
For Fresh Lemons.
Claims use since July 20, 1937.

Ser. No. 396,345. THE McDONALD CORPORATION, Auburndale, Fla. Filed Aug. 12, 1937.

SOLAR-GLO

FLORIDA

The word "Florida" is disclaimed apart from the mark.
For Fresh Citrus Fruits.
Claims use since Aug. 3, 1937.

Ser. No. 397,033. HARRY A. LONDON, doing business as H. A. London Candy Co., Canton, Ohio. Filed Sept. 2, 1937.

London's HOME MADE *Candies*

No claim is made to the words "London" or "Homemade Candies" apart from the mark.
For Prepared Boxed Candy.
Claims use since July 1, 1937.

Ser. No. 397,224. NEW ORLEANS IMPORT CO., LIMITED, New Orleans, La. Filed Sept. 8, 1937.

CREOLE



For Combination Package of Bird Seed, Bird Cake, and Cuttle Bone.
Claims use since 1920.

Ser. No. 397,582. LOUISIANA STATE RICE MILLING COMPANY, INC., Abbeville, La. Filed Sept. 20, 1937.

LOUISIANA MAMMY

The word "Louisiana" is disclaimed apart from the mark.
For Rice.
Claims use since Mar. 6, 1937.

Ser. No. 397,654. FINGER LAKES AND HUDSON FLOUR MILLS, INC., Troy and Geneva, N. Y. Filed Sept. 22, 1937.



For Wheat Flour.
Claims use since Sept. 8, 1937.

Ser. No. 397,686. WITWER GROCERY COMPANY, doing business as Nature Sweet Honey Co., Cedar Rapids, Iowa. Filed Sept. 22, 1937.

NATURE SWEET

No claim is made to the word "Sweet" apart from the mark.
For Pure Honey.
Claims use since Apr. 1, 1937.

Ser. No. 397,846. GENERAL FOOD PRODUCTS COMPANY, Vernon, Calif. Filed Sept. 27, 1937.

Troubadour



For Candy.
Claims use since Jan. 5, 1937.

Ser. No. 397,879. STATE WHOLESALE GROCERS, INC., Chicago, Ill. Filed Sept. 27, 1937.

Jane Addams

Jane Addams is the name of a deceased celebrity, nationally known as a pioneer settlement worker.
For Canned Fruits, Canned Vegetables, and Canned Shellfish.
Claims use since Jan. 26, 1937.

Ser. No. 398,116. MAPLE GROVE, INC., St. Johnsbury, Vt. Filed Oct. 4, 1937.



For Maple Sugar, Maple Syrup, and Maple Sugar Candies.
Claims use since June 21, 1933.

Ser. No. 398,308. BLOCH & GUGGENHEIMER INC., Long Island City, N. Y. Filed Oct. 9, 1937.

DIET DIGEST

The word "Diet" is disclaimed apart from the mark.
For Pickles, Pickle Ring, Three-In-One Pickles, Midget Pickles, Sweet and Sour Gherkins, Pickles Known as Burgherkins, Pickled Sweet Cucumber Slices Known as Senfgherkins, Sweet and Sour Chow-Chow, Sweet Relish, Sweet Pimento Relish, Pickled Cauliflower, Sweet, Sour, and Cocktail Pickled Onions, and Pickled Watermelon Rind.
Claims use since June, 1935.

Ser. No. 398,527. RALPH F. COX, Atlanta, Ga. Filed Oct. 15, 1937.

ORIGINAL Premium Silverware FLOUR

All wording and the representation of the knife and fork are disclaimed apart from the mark.
For Self-Rising and Plain Wheat Flour.
Claims use since Sept. 15, 1937.

Ser. No. 398,548. STANDARD BRANDS INCORPORATED, New York, N. Y. Filed Oct. 15, 1937.



The drawing is lined to indicate two shades of green, which are claimed as features of the mark.
For Gelatin.
Claims use since June 5, 1936.

Ser. No. 398,607. BLUMM & DINKINS, San Francisco, Calif. Filed Oct. 18, 1937.

BREAK O'DAWN

For Fresh Deciduous Fruit and Fresh Grapes.
Claims use since Sept. 24, 1937.

Ser. No. 398,630. MODERN HEALTH PRODUCTS, INC., Milwaukee, Wis. Filed Oct. 18, 1937.

BOKAY BROTH

The word "Broth" is disclaimed apart from the mark.
For Herbal and Food Compound Composed of Herbs and Vegetables To Be Used as a Broth.
Claims use since July 2, 1937.

Ser. No. 398,706. BURRY BISCUIT CORPORATION, Linden, N. J., and Chicago, Ill. Filed Oct. 20, 1937.

FROSTY FREEZE

For Cookies.
Claims use since July 27, 1937.

Ser. No. 398,877. THE BORDEN COMPANY, New York, N. Y. Filed Oct. 21, 1937.

CULTOLAC

For Powdered Skimmed Milk for Use as an Ingredient in Making Foods for Human Consumption.
Claims use since Sept. 23, 1937.

Ser. No. 398,891. L. COHEN GROCER COMPANY, St. Louis, Mo. Filed Oct. 25, 1937.

LACLEDE



The portrait is that of Pierre Laclede, deceased, founder of St. Louis, Mo.
For Canned Fish, Canned Fruits, Canned Vegetables, Canned Berries, Canned Sauerkraut, and Canned Hominy.
Claims use since 1920.

Ser. No. 399,253. STANDARD BRANDS INCORPORATED, New York, N. Y. Filed Nov. 2, 1937.



The words "Baking Powder" are disclaimed apart from the mark. The drawing is lined for red, yellow, and blue which colors are claimed as features of the mark.
For Baking Powder.
Claims use since April, 1873.

Ser. No. 399,237. MIGUEL HERNANDEZ MARTINEZ, doing business as The Achioton Company, San Juan, P. R., and New York, N. Y. Filed Nov. 2, 1937.

"ACHIOTON"

For Food Condiment Containing Annato, Red Pepper, Parsley, Wild Majoram, and Coriander.
Claims use since June, 1937.

Ser. No. 399,570. E. RAMSAY, doing business as Ramsay Potato Company, Scottsbluff, Nebr. Filed Nov. 10, 1937.

CORNHUSKER

For Potatoes.
Claims use since Aug. 26, 1937.

Ser. No. 399,576. THE WM. SCHLUDERBERG-T. J. KURDLE Co., Baltimore, Md. Filed Nov. 10, 1937.



For Liver Sausage.
Claims use since Sept. 18, 1936.

Ser. No. 399,667. LEE COUNTY PACKING COMPANY, Fort Myers, Fla. Filed Nov. 12, 1937.



For Fresh Oranges, Lemons, Grapefruit, Limes, and Tangerines.
Claims use since 1909.

Ser. No. 399,677. SCOTTS VALLEY FRUIT EXCHANGE, Lakeport, Calif. Filed Nov. 12, 1937.



No claim is made to the representation of a label.
For Fresh Deciduous Fruits.
Claims use since August, 1937.

Ser. No. 399,723. OCONOMOWOC CANNING CO., Oconomowoc, Wis. Filed Nov. 13, 1937.



Buddie

The picture is that of the son of Jessie Foster.
For Canned Vegetables.
Claims use since Sept. 15, 1937.

Ser. No. 399,783. WM. H. STANLEY, INC., New York, N. Y. Filed Nov. 15, 1937.

BUY WELL

For Canned Fish.
Claims use since Oct. 20, 1937.

Ser. No. 400,072. SUPERIOR CEREAL COMPANY, Wilkes-Barre, Pa. Filed Nov. 22, 1937.



All notations, except "Ettes" and applicant's name are disclaimed apart from the mark as shown.
For Puffed Corn.
Claims use since October, 1936.

CLASS 48

Malt Beverages and Liquors

Ser. No. 400,146. WARSAW BREWING CORPORATION, Warsaw, Ill. Filed Nov. 24, 1937.

Burgemeister

For Beer.
Claims use since April, 1916.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 394,146. PUERTO RICO DISTILLING COMPANY, Arecibo, P. R. Filed June 16, 1937.

RONRICOLA

For Rum, Alcoholic Cocktails, and Beverages Containing Substantial Portions of Rum.
Claims use since Apr. 15, 1937.

Ser. No. 398,176. REGISTERED BRANDS, INCORPORATED, New York, N. Y. Filed Oct. 5, 1937.

REGISTERED BRAND 35

The words "Registered Brand" are disclaimed apart from the mark.
For Whiskey, Brandy, Gin, Rum, and Alcoholic Cordials.
Claims use since Apr. 22, 1937.

Ser. No. 399,048. LEMOUX & CO., INC., Philadelphia, Pa. Filed Oct. 28, 1937.



The representation of the container and its contents are disclaimed. All wording except "Lemoux" and applicant's name is disclaimed apart from the mark.
For Ginger Flavored Brandy.
Claims use since Dec. 10, 1936.

Ser. No. 400,125. OLD HEAVEN HILL SPRINGS DISTILLERY, INCORPORATED, Bardstown, Ky. Filed Nov. 24, 1937.

OLD HEAVEN HILL

For Whiskey.
Claims use since July 14, 1937.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 394,474. WILLIAM J. SULLIVAN, doing business as Flexideal Dry Mat Co., New York, N. Y. Filed June 24, 1937.

FLEX

For Matrix or Dry Mat Used in Stereotyping and Electroplating.
Claims use since November, 1934.

Ser. No. 394,475. WILLIAM J. SULLIVAN, doing business as Flexideal Dry Mat Co., New York, N. Y. Filed June 24, 1937.

FLEXIDE

For Matrix or Dry Mat Used in Stereotyping and Electroplating.
Claims use since November, 1934.

Ser. No. 395,902. COLD SPRING GRANITE COMPANY, Cold Spring, Minn. Filed Aug. 2, 1937.

DIAMOND GRAY

The word "Gray" is disclaimed except as shown.
For Cemetery Monuments, Headstones, Grave Markers, and Granite Memorials.
Claims use since Jan. 1, 1935.

Ser. No. 398,097. CORONET CLOTHES, INC., New York, N. Y. Filed Oct. 4, 1937.

BRITISH MIST

The word "British" is disclaimed apart from the mark.
For Water Repellent Cloth Fabrics in the Piece.
Claims use since Mar. 20, 1937.

Ser. No. 399,287. BIBB MANUFACTURING COMPANY, Macon, Ga. Filed Nov. 4, 1937.

HR CORD

No claim is made to the word "Cord" apart from the mark.
For Treated Tire Cord and Tire Fabric.
Claims use since July, 1936.

[ACT OF FEBRUARY 20, 1905, AS AMENDED JUNE 20, 1936]

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 393,357. IRISH INDUSTRIAL DEVELOPMENT ASSOCIATION, Dublin, Irish Free State. Filed June 9, 1937. Under act of Feb. 20, 1905, as amended June 20, 1936.



No claim is made to the Erse words "Deanza in Eirinn" apart from the mark.
For Whisky.
Claims use since May 7, 1906.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

JANUARY 4, 1938

353,324. ELECTRIC MOTORS ESPECIALLY ADAPTED FOR DRIVING TIME INDICATING APPARATUS. THE ELECTRIC AUTO-LITE COMPANY, Toledo, Ohio.
Filed June 12, 1933. Serial No. 338,771. PUBLISHED OCTOBER 5, 1937. Class 21.

353,325. ICE CREAM, ICES, AND CREAMLIKE PASTRY PRODUCTS. WILHELM MUSHLPFORDT, Leipsig, Germany.
Filed May 17, 1934. Serial No. 351,474. PUBLISHED OCTOBER 26, 1937. Class 46.

353,326. EYEWASH. KOJENE PRODUCTS CORPORATION, Rochester, N. Y., assignor to Scott-Phillips, Inc., Chicago, Ill., a corporation of Illinois.
Filed September 23, 1935. Serial No. 369,614. PUBLISHED NOVEMBER 19, 1935. Class 6.

353,327. RAZOR BLADES. CONSOLIDATED RAZOR BLADE Co. INC., Jersey City, N. J.
Filed February 12, 1936. Serial No. 374,955. PUBLISHED OCTOBER 26, 1937. Class 23.

353,328. BRUSHLESS LIQUID COMPOUND TO BE APPLIED TO WOOD, METAL, LEATHER, AND RUBBER SURFACES AND, WHEN APPLIED, PRODUCING A SMOOTH, LUSTROUS, AND TRANSPARENT FINISH. HARMAR SALES CORP., New York, N. Y.
Filed March 30, 1936. Serial No. 376,581. PUBLISHED OCTOBER 26, 1937. Class 16.

353,329. ELECTRICAL CONNECTERS. BURNDY ENGINEERING COMPANY, INC., New York, N. Y.
Filed April 8, 1936. Serial No. 376,935. PUBLISHED OCTOBER 26, 1937. Class 21.

353,330. CANNED FRUITS, CANNED VEGETABLES, CANNED MEATS—NAMELY, CORNED BEEF HASH, DRIED BEEF, ETC. LEADWAY STORES CORPORATION, also doing business as Leadway Stores and Leadway Foods, Chicago, Ill.
Filed July 20, 1936. Serial No. 381,210. PUBLISHED OCTOBER 26, 1937. Class 46.

353,331. METAL HANGERS FOR CURTAINS, BLINDS, AND DRAPERIES. MCCLUNG & MILLIGAN, Pittsburgh, Pa.
Filed July 31, 1936. Serial No. 381,681. PUBLISHED OCTOBER 26, 1937. Class 13.

353,332. CONSTANT WEIGHT FEEDERS, PARTICULARLY ADAPTED TO FEED GRANULAR MATERIALS SUCH AS CHEMICAL SALTS, QUARTZ, BORAX, FELDSPAR, LIME, SAND, POTASH, AND COAL. THE TRAYLOR VIBRATOR COMPANY, Columbus, Ohio.
Filed September 30, 1936. Serial No. 383,830. PUBLISHED OCTOBER 26, 1937. Class 23.

353,333. TRAVELLER'S TOILET ARTICLE KIT FITTED WITH SHAVING LOTION, SHAVING CREAM, TALCUM POWDER, AND HAIR LOTION, WITH SPACE FOR OTHER ARTICLES SUCH AS RAZORS, COMB, AND BRUSH, AND THE LIKE. PINAUD INCORPORATED, New York, N. Y.
Filed October 14, 1936. Serial No. 384,361. PUBLISHED OCTOBER 26, 1937. Class 50.

353,334. TOWELS, DUST CLOTHES, WIPING CLOTHS, SHEETS, AND PILLOWCASES. SAMUEL C. SCHWARTZ, doing business as Burcott Mills, Chicago, Ill.
Filed January 9, 1937. Serial No. 387,643. PUBLISHED OCTOBER 26, 1937. Class 42.

353,335. ELECTRO-ACOUSTICAL APPARATUS FOR QUALITATIVELY FITTING A HEARING AID DEVICE TO A PERSON WITH DEFECTIVE HEARING IN ACCORDANCE WITH HIS EXPRESSED REQUIREMENTS. DICTOGRAPH PRODUCTS COMPANY, INC., New York, N. Y.
Filed January 21, 1937. Serial No. 387,988. PUBLISHED OCTOBER 26, 1937. Class 44.

353,336. SOYA BEAN FLOUR FOR BAKING PURPOSES. SUPERIOR BRANDS INC., Jersey City, N. J.
Filed January 28, 1937. Serial No. 388,296. PUBLISHED OCTOBER 26, 1937. Class 46.

353,337. ELECTRICAL STORAGE BATTERIES. MCCREARY TIRE & RUBBER COMPANY, Indiana, Pa.
Filed January 30, 1937. Serial No. 388,359. PUBLISHED MAY 18, 1937. Class 21.

353,338. PARLOR GAME TO BE PLAYED WITH CARDS AND SPECIAL PACKS OF CARDS FOR PLAYING THE GAME. THE UNITED STATES PLAYING CARD COMPANY, East Norwood, Cincinnati, Ohio.
Filed January 30, 1937. Serial No. 388,380. PUBLISHED MARCH 23, 1937. Class 22.

353,339. BOILER COMPOUND. FRANK C. SCOTT & Co., doing business as Indianapolis Mfg. & Sales Co., Indianapolis, Ind.
Filed February 11, 1937. Serial No. 388,776. PUBLISHED AUGUST 10, 1937. Class 6.

353,340. CUP HOOKS, GATE HOOKS, SCREW HOOKS, AND SCREW EYES. THE WASHBURN COMPANY, Worcester, Mass.
Filed February 19, 1937. Serial No. 389,163. PUBLISHED OCTOBER 26, 1937. Class 13.

353,341. DRIED CITRUS PULP FOR USE AS A CATTLE FOOD, AND DEHYDRATED CITRUS PULP FOR USE AS HUMAN FOOD. SUNI-CITRUS PRODUCTS COMPANY, Haines City, Fla.
Filed April 2, 1937. Serial No. 390,763. PUBLISHED OCTOBER 26, 1937. Class 46.

353,342. COMPOUND OF NUT OILS AND EVAPORATED SKIMMED MILK AS A FOOD PRODUCT. CAROLENE PRODUCTS CO., Litchfield, Ill.
Filed April 2, 1937. Serial No. 390,834. PUBLISHED OCTOBER 5, 1937. Class 46.

353,343. WHEAT FLOUR. WESTERN MILLING CO., Pendleton, Oreg.
Filed April 22, 1937. Serial No. 391,719. PUBLISHED OCTOBER 26, 1937. Class 46.

353,344. ROPE TRIMMED ROUND AND OBLONG TRAYS OF WOOD, CARD BOXES OF WOOD WITH ROPE TRIMMING, METAL WASTE BASKETS, ALL MADE WITH ROPE TRIMMING. MARIGOLD STUDIO, Los Angeles, Calif.
Filed May 12, 1937. Serial No. 392,670. PUBLISHED OCTOBER 26, 1937. Class 2.

353,345. ALIMENTARY PASTES INCLUDING MACARONI AND SPAGHETTI. PRINCE MACARONI MFG. CO., Boston, Mass.
Filed May 14, 1937. Serial No. 392,768. PUBLISHED OCTOBER 26, 1937. Class 46.

353,346. WOOLEN PIECE GOODS AND HAND-WOVEN WOOLENS USABLE IN THE CONSTRUCTION OF WEARING APPAREL. MINISTER FOR LANDS, Beggars Bush, Dublin, Ireland.
Filed May 15, 1937. Serial No. 392,808. PUBLISHED OCTOBER 26, 1937. Class 42.

353,347. RIBBONS IN THE YARD, PIECE, OR BOLT, TICKINGS, OUTING FLANNEL, MUSLIN, DENIMS, BURLAP, PRINTS OF COTTON, SILK, RAYON, AND WOOL, ETC. WILLIAM BLUMBERG, East St. Louis, Ill.
Filed May 17, 1937. Serial No. 392,841. PUBLISHED OCTOBER 26, 1937. Class 42.

353,348. DEVICES USED ON AUTOMOBILES FOR CONTROLLING THE SPEED THEREOF—NAMELY, SWITCHES, CIRCUIT BREAKERS, SIGNALS, AND ELECTRICALLY OPERATED FUEL CONTROLS AND GOVERNORS. JOHN J. HUEBSCHER, Minneapolis, Minn.
Filed May 17, 1937. Serial No. 392,867. PUBLISHED OCTOBER 26, 1937. Class 21.

353,349. DEVICES USED ON AUTOMOBILES FOR CONTROLLING THE SPEED THEREOF—NAMELY, SWITCHES, CIRCUIT BREAKERS, SIGNALS, AND ELECTRICALLY OPERATED FUEL CONTROLS AND GOVERNORS. JOHN J. HUEBSCHER, Minneapolis, Minn.
Filed May 17, 1937. Serial No. 392,868. PUBLISHED OCTOBER 26, 1937. Class 21.

353,350. DEVICES USED ON AUTOMOBILES FOR CONTROLLING THE SPEED THEREOF—NAMELY, SWITCHES, CIRCUIT BREAKERS, SIGNALS, AND ELECTRICALLY OPERATED FUEL CONTROLS AND GOVERNORS. JOHN J. HUEBSCHER, Minneapolis, Minn.
Filed May 17, 1937. Serial No. 392,869. PUBLISHED OCTOBER 26, 1937. Class 21.

353,351. EXPANSION BOLTS. NATIONAL LEAD COMPANY, New York, N. Y.
Filed May 19, 1937. Serial No. 392,995. PUBLISHED OCTOBER 26, 1937. Class 13.

353,352. WOOLEN PIECE GOODS. FORSTMANN WOOLEN CO., Passaic, N. J.
Filed May 20, 1937. Serial No. 393,028. PUBLISHED OCTOBER 26, 1937. Class 42.

353,353. FRESH DECIDUOUS FRUITS. KELSEYVILLE PACKING COMPANY, Kelseyville, Calif.
Filed June 1, 1937. Serial No. 393,496. PUBLISHED OCTOBER 26, 1937. Class 46.

353,354. BEDROOM, LIVING ROOM, DINING ROOM, AND HALL ROOM FURNITURE—NAMELY, CHESTS, DRESSERS, VANITIES, BEDS, ETC. THE EMPIRE LTD., Rockford, Ill.
Filed June 14, 1937. Serial No. 394,026. PUBLISHED OCTOBER 26, 1937. Class 32.

353,355. BEDROOM, LIVING ROOM, DINING ROOM, AND HALL ROOM FURNITURE—NAMELY, CHESTS, DRESSERS, VANITIES, BEDS, ETC. THE EMPIRE LTD., Rockford, Ill.
Filed June 14, 1937. Serial No. 394,027. PUBLISHED OCTOBER 26, 1937. Class 32.

353,356. BEDROOM, LIVING ROOM, DINING ROOM, AND HALL ROOM FURNITURE—NAMELY, CHESTS, DRESSERS, VANITIES, BEDS, ETC. THE EMPIRE LTD., Rockford, Ill.
Filed June 14, 1937. Serial No. 394,028. PUBLISHED OCTOBER 26, 1937. Class 32.

353,357. CANNED MEATS—NAMELY, SPICED HAM. GEO. A. HORMEL & COMPANY, Austin, Minn.
Filed June 16, 1937. Serial No. 394,133. PUBLISHED OCTOBER 26, 1937. Class 46.

353,358. PORTABLE COKE FURNACES AND GAS BURNERS. F. C. WILLIAMS INC., Dearborn, Mich.
Filed June 16, 1937. Serial No. 394,213. PUBLISHED OCTOBER 26, 1937. Class 34.

353,359. MILL-DRYING SYSTEMS COMPRISING A PULVERIZING MILL IN WHICH SOLID MATERIAL, USUALLY OF HIGH MOISTURE CONTENT, IS AGITATED AND PULVERIZED IN THE PRESENCE OF HEATED GASES, ETC. COMBUSTION ENGINEERING COMPANY, INC., New York, N. Y., doing business as Raymond Pulveriser Division, Combustion Engineering Company, Inc., Chicago, Ill.
Filed June 21, 1937. Serial No. 394,319. PUBLISHED OCTOBER 26, 1937. Class 23.

353,360. WOOLEN PIECE GOODS. LOUIS SHIPMAN & BAKER CO., New York, N. Y.
Filed June 23, 1937. Serial No. 394,431. PUBLISHED OCTOBER 26, 1937. Class 42.

353,361. FRESH CITRUS FRUITS. DR. P. PHILLIPS COMPANY, Orlando, Fla.
Filed June 26, 1937. Serial No. 394,547. PUBLISHED OCTOBER 26, 1937. Class 46.

353,362. COTTON PIECE GOODS. CHARLES D. MORRIS, New York N. Y.
Filed June 29, 1937. Serial No. 394,674. PUBLISHED OCTOBER 26, 1937. Class 42.

353,363. ROPE OF VEGETABLE FIBER SUCH AS ABACA FIBER, COMMONLY KNOWN AS MANILA. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed July 2, 1937. Serial No. 394,810. PUBLISHED OCTOBER 26, 1937. Class 7.

353,364. CHECK CONTROLLED CHANCE DEVICES. BRYAN ADVERTISING SERVICE, Morristown, Tenn.
Filed July 8, 1937. Serial No. 394,975. PUBLISHED OCTOBER 26, 1937. Class 22.

353,365. RAZORS. THE J. B. WILLIAMS COMPANY, Glastonbury, Conn.
Filed July 9, 1937. Serial No. 395,058. PUBLISHED OCTOBER 26, 1937. Class 23.

353,366. COMMERCIAL AND HOUSE TRAILER VEHICLES. ROYAL-WILHELM FURNITURE CO., doing business as Royal-Wilhelm Co., Sturgis, Mich.
Filed July 12, 1937. Serial No. 395,151. PUBLISHED OCTOBER 26, 1937. Class 19.

353,367. WINES. MCKESSON & ROBBINS, INCORPORATED, Fairfield, Conn.
Filed July 14, 1937. Serial No. 395,198. PUBLISHED OCTOBER 19, 1937. Class 47.

353,368. FERTILIZERS. THE W. & M. FERTILIZER COMPANY, Mansfield, Ohio.
Filed July 19, 1937. Serial No. 395,438. PUBLISHED OCTOBER 26, 1937. Class 10.

353,369. MECHANICAL ATTACHMENT FOR BOTTLES AND LIKE FLUID CONTAINERS CONSTITUTING A MEASURING DEVICE FOR LIQUIDS. CHARLES J. OFFICER, Tillamook, Oreg.
Filed July 20, 1937. Serial No. 395,456. PUBLISHED OCTOBER 26, 1937. Class 26.

353,370. BREAD, ROLLS, CAKE, COOKIES, AND CRACKERS. DANIEL G. WILLIAMS, Los Angeles, Calif.
Filed July 22, 1937. Serial No. 395,552. PUBLISHED OCTOBER 26, 1937. Class 46.

353,371. BREAD, ROLLS, CAKE, COOKIES, AND CRACKERS. DANIEL G. WILLIAMS, Los Angeles, Calif.
Filed July 22, 1937. Serial No. 395,553. PUBLISHED OCTOBER 26, 1937. Class 46.

353,372. CANE SYRUP. JAMES THOMAS MARY, Lafayette, La.
Filed July 23, 1937. Serial No. 395,584. PUBLISHED OCTOBER 26, 1937. Class 46.

353,373. RICE. FOOD PRODUCTS CO. OF AMERICA, Chicago, Ill.
Filed July 28, 1937. Serial No. 395,706. PUBLISHED OCTOBER 26, 1937. Class 46.

353,374. BED SPRINGS. GREENPOINT METALLIC BED CO., INC., Brooklyn, N. Y.
Filed July 28, 1937. Serial No. 395,795. PUBLISHED OCTOBER 26, 1937. Class 32.

353,375. ALES, BEERS, LAGERS, PORTERS, AND STOUTS. BRITISH AMERICAN BREWING COMPANY LIMITED, Windsor, Ontario, Canada.
Filed July 30, 1937. Serial No. 395,811. PUBLISHED OCTOBER 26, 1937. Class 46.

353,376. FRESH VEGETABLES. FARMERS PRODUCE COMPANY, Los Angeles, Calif.
Filed August 2, 1937. Serial No. 395,910. PUBLISHED OCTOBER 26, 1937. Class 46.

353,377. ELECTRIC PORTABLE LAMPS. SANDEL MANUFACTURING CO., Chicago, Ill.
Filed August 2, 1937. Serial No. 395,931. PUBLISHED OCTOBER 26, 1937. Class 21.

353,378. WHISKEY AND GIN. THE READ DRUG AND CHEMICAL CO. OF BALTIMORE CITY, Baltimore, Md.
Filed August 4, 1937. Serial No. 396,010. PUBLISHED OCTOBER 26, 1937. Class 49.

353,379. FLAVORING SYRUPS USED IN THE MANUFACTURE OF A MALTLESS SOFT DRINK. GEORGE A. READ, Mechanicsburg, Pa.
Filed August 4, 1937. Serial No. 396,013. PUBLISHED OCTOBER 26, 1937. Class 45.

353,380. DISTILLED ALCOHOLIC LIQUORS—NAMELY, GIN. PACIFIC DISTILLERS, INC., Culver City, Calif.
Filed August 7, 1937. Serial No. 396,159. PUBLISHED OCTOBER 26, 1937. Class 49.

353,381. ALTERNATING-CURRENT-DRIVEN VIBRATING-MASSAGING DEVICE. "Sonoco" SOCIÉTÉ DES COMPTEURS DE GENÈVE, Geneva, Switzerland.
Filed August 9, 1937. Serial No. 396,207. PUBLISHED OCTOBER 26, 1937. Class 44.

353,382. LEATHER CARRYING CASES AND BRIEF-CASES. FRANK MASHEK & Co., Chicago, Ill.
Filed August 12, 1937. Serial No. 396,320. PUBLISHED OCTOBER 26, 1937. Class 3.

353,383. LEATHER GOODS—NAMELY, BILL FOLDS FOR MEN, PURSES, POCKETBOOKS, BRIEF CASES, AND LADIES' HAND BAGS. NORMAN R. SHRONK, Williamsport, Pa.
Filed August 12, 1937. Serial No. 396,333. PUBLISHED OCTOBER 26, 1937. Class 3.

353,384. FRESH APPLES. WENATCHEE WAGNER ORCHARDS, INC., Wenatchee, Wash.
Filed August 13, 1937. Serial No. 396,377. PUBLISHED OCTOBER 26, 1937. Class 46.

353,385. PLAIN AND PRINTED PIECE GOODS MADE OF COTTON, RAYON, AND MIXTURES OF COTTON AND RAYON. ARNOLD SALES CORPORATION, New York, N. Y.
Filed August 17, 1937. Serial No. 396,484. PUBLISHED OCTOBER 26, 1937. Class 42.

353,386. MACHINES FOR DEFIBERING AND SCREENING PAPER STOCK. DILTS MACHINE WORKS, INC., Fulton, N. Y.
Filed August 17, 1937. Serial No. 396,493. PUBLISHED OCTOBER 26, 1937. Class 23.

353,387. CUT CORDUROYS. HOWLETT & HOCKMEYER CO. INC., New York, N. Y.
Filed August 17, 1937. Serial No. 396,495. PUBLISHED OCTOBER 26, 1937. Class 42.

353,388. TAILPIECES FOR STRINGED MUSICAL INSTRUMENTS. EPIPHONE, INC., New York, N. Y.
Filed August 19, 1937. Serial No. 396,565. PUBLISHED OCTOBER 26, 1937. Class 36.

353,389. ELECTRICALLY-HEATED CUSHIONS FOR THERAPEUTIC PURPOSES. WILLIAM E. HOLDEN, Chicago, Ill.
Filed August 19, 1937. Serial No. 396,568. PUBLISHED OCTOBER 26, 1937. Class 44.

353,390. HAIR CLIPPERS. ROTEX MANUFACTURING CO. INC., Long Island City, N. Y.
Filed August 19, 1937. Serial No. 396,579. PUBLISHED OCTOBER 26, 1937. Class 23.

353,391. FEATHERS. SCHADT & MATHEWSON, Detroit, Mich.
Filed August 19, 1937. Serial No. 396,581. PUBLISHED OCTOBER 26, 1937. Class 1.

353,392. INSULATED WIRES AND CABLES. THE OKONITE COMPANY, Passaic, N. J.
Filed August 20, 1937. Serial No. 396,611. PUBLISHED OCTOBER 26, 1937. Class 21.

353,393. HAND OPERATED TOOLS—NAMELY, AXES, CULTIVATORS, CUTTERS, LETTUCE CUTTERS, THISTLE, DOCK, AND WEED CUTTERS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed August 20, 1937. Serial No. 396,620. PUBLISHED OCTOBER 26, 1937. Class 23.

353,394. MOLDED PACKING WITH GROOVE AND CORRESPONDING PROJECTION COMPOSED OF ASBESTOS OR COTTON DUCK, ETC. THE JAMES WALKER PACKING COMPANY, INC., New York, N. Y.
Filed August 20, 1937. Serial No. 396,623. PUBLISHED OCTOBER 26, 1937. Class 35.

353,395. HAND BAGS. MORRIS WHITE MANUFACTURING CO. INC., New York, N. Y.
Filed August 20, 1937. Serial No. 396,625. PUBLISHED OCTOBER 26, 1937. Class 3.

353,396. FRESH CITRUS FRUIT. CARPINTERIA MUTUAL CITRUS ASSN., Carpinteria, Calif.
Filed August 21, 1937. Serial No. 396,630. PUBLISHED OCTOBER 26, 1937. Class 46.

353,397. TOOLS AND PARTS OF TOOLS FOR WORKING AND CUTTING METAL AND OTHER MATERIALS, PARTICULARLY BORING TOOLS OR DRILLS, ETC. FANSTEEL METALLURGICAL CORPORATION, North Chicago, Ill.
Filed August 23, 1937. Serial No. 396,674. PUBLISHED OCTOBER 26, 1937. Class 23.

353,398. ELECTRIC CONDENSERS. AEROVOX CORPORATION, Brooklyn, N. Y.
Filed August 25, 1937. Serial No. 396,728. PUBLISHED OCTOBER 26, 1937. Class 21.

353,399. WALLPAPER. COOK PAINT & VARNISH COMPANY, North Kansas City, Mo.
Filed August 25, 1937. Serial No. 396,735. PUBLISHED OCTOBER 26, 1937. Class 37.

353,400. PNEUMATIC TIRES AND TUBES FOR VEHICLE WHEELS. THE PHARIS TIRE AND RUBBER COMPANY, Newark, Ohio.
Filed August 25, 1937. Serial No. 396,746. PUBLISHED OCTOBER 26, 1937. Class 35.

353,401. PNEUMATIC TIRES AND TUBES FOR VEHICLE WHEELS. THE PHARIS TIRE AND RUBBER COMPANY, Newark, Ohio.
Filed August 25, 1937. Serial No. 396,747. PUBLISHED OCTOBER 26, 1937. Class 35.

353,402. PLAYING CARDS. THE UNITED STATES PLAYING CARD COMPANY, Cincinnati, Ohio.
Filed August 25, 1937. Serial No. 396,753. PUBLISHED OCTOBER 26, 1937. Class 22.

353,403. EDUCATIONAL BIBLE GAME. MRS. RAY H. MILLER, Elmira, N. Y.
Filed August 27, 1937. Serial No. 396,827. PUBLISHED OCTOBER 26, 1937. Class 22.

353,404. FRESH CITRUS FRUIT. SUNLAND PACKING HOUSE COMPANY, Porterville, Calif.
Filed August 27, 1937. Serial No. 396,845. PUBLISHED OCTOBER 26, 1937. Class 46.

353,405. CANNED VEGETABLES, CANNED SAUERKRAUT, CANNED FRUIT JUICES FOR FOOD PURPOSES. HARLINGEN CANNING COMPANY, Harlingen, Tex.
Filed August 28, 1937. Serial No. 396,875. PUBLISHED OCTOBER 26, 1937. Class 46.

353,406. DUPLICATING STENCILS, AND CORRECTION FLUID, CUTTING SHEETS, AND CUSHION SHEETS THEREFOR. THE VICTOR SAFE & EQUIPMENT COMPANY, INC., North Tonawanda, N. Y.
Filed August 28, 1937. Serial No. 396,904. PUBLISHED OCTOBER 26, 1937. Class 37.

353,407. CEREAL FOOD PRODUCTS, PARTICULARLY BREAKFAST CEREAL. GENERAL MILLS, INC., Minneapolis, Minn.
Filed August 30, 1937. Serial No. 396,914. PUBLISHED OCTOBER 26, 1937. Class 46.

353,408. PIECE GOODS OF RAYON, COTTON, SILK, AND SYNTHETIC YARNS, LINING OR INTERLINING. S. PARLO & SONS, New York, N. Y.
Filed August 31, 1937. Serial No. 396,964. PUBLISHED OCTOBER 26, 1937. Class 42.

353,409. COMBINATION ASH TRAY AND CIGARETTE EXTINGUISHER. ALBERT A. VUCCINO, New York, N. Y.
Filed August 31, 1937. Serial No. 396,973. PUBLISHED OCTOBER 26, 1937. Class 9.

353,410. UNEDRESSED FURS FROM DRESSED ANIMALS AND PELTS OBTAINED FROM THE SAME. WILLIAMS & ALLEN MINK RANCH, Hamburg, N. Y.
Filed August 31, 1937. Serial No. 396,974. PUBLISHED OCTOBER 26, 1937. Class 1.

353,411. SALAD OIL. MORRIS HERZOG, doing business as Venice Importing Co., Brooklyn, N. Y.
Filed September 1, 1937. Serial No. 396,991. PUBLISHED OCTOBER 26, 1937. Class 46.

353,412. SANITARY BELTS. SLOTS & KLEIN, INC., New York, N. Y.
Filed September 2, 1937. Serial No. 397,037. PUBLISHED OCTOBER 26, 1937. Class 44.

353,413. SALAD OIL. MUSHER AND COMPANY, INCORPORATED, New York, N. Y.
Filed September 4, 1937. Serial No. 397,140. PUBLISHED OCTOBER 26, 1937. Class 46.

353,414. NON-ALCOHOLIC MALTLESS BEVERAGE USED AS A SOFT DRINK. MISSION DRY CORPORATION, Los Angeles, Calif.
Filed September 6, 1937. Serial No. 397,221. PUBLISHED OCTOBER 26, 1937. Class 45.

353,415. HAIR WAVING APPLIANCES AND HAIR WAVING SUPPLIES—NAMELY, PROTECTORS FOR USE IN WAVING HAIR, HAIR WAVING CURLERS, ETC. THE DURA COMPANY, Chicago, Ill.
Filed September 13, 1937. Serial No. 397,357. PUBLISHED OCTOBER 26, 1937. Class 44.

353,416. BOYS' SUITS AND OVERCOATS. WIENER & KATZ, New York, N. Y.
Filed August 27, 1937. Serial No. 396,857. PUBLISHED NOVEMBER 2, 1937. Class 39.

[ACT OF MARCH 19, 1920, SEC. 1 (b).]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

353,417. (CLASS 39. CLOTHING.) B. KUPPENHEIMER & CO. INC., Chicago, Ill. Filed May 6, 1936. Serial No. 378,080.

Kuppenheimer

"HANDCRAFTED"

For Men's and Boys' Ready to Wear Coats, Vests, Trousers, and Overcoats.
Claims use since August, 1926.

353,418. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOSEPH COSTA COMPANY, INC., Athens, Ga., assignor to Joseph Costa, Jr., Athens, Ga. Filed Aug. 29, 1936. Serial No. 382,710.

PEEL OFF

For Frozen Confections.
Claims use since May, 1933.

353,419. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) FRANK ADAM ELECTRIC CO., St. Louis, Mo. Filed Oct. 31, 1936. Serial No. 384,666.

RULEUZSW

For Circuit Interrupting and Protective Devices—Namely, Combination Switches and Fuses.
Claims use since Sept. 10, 1936.

353,420. (CLASS 17. TOBACCO PRODUCTS.) THE AXTON-FISHER TOBACCO COMPANY, Louisville, Ky. Filed Dec. 4, 1936. Serial No. 386,290.

FLEETWOOD

For Cigarettes.
Claims use since Nov. 12, 1936.

353,421. (CLASS 17. TOBACCO PRODUCTS.) THE AXTON-FISHER TOBACCO COMPANY, Louisville, Ky. Filed Dec. 4, 1936. Serial No. 386,292.

LA ROMA

For Cigarettes.
Claims use since Nov. 12, 1936.

353,422. (CLASS 17. TOBACCO PRODUCTS.) THE AXTON-FISHER TOBACCO COMPANY, Louisville, Ky. Filed Dec. 8, 1936. Serial No. 386,472.

RAMONA

For Cigarettes.
Claims use since Nov. 19, 1936.

353,423. (CLASS 17. TOBACCO PRODUCTS.) THE AXTON-FISHER TOBACCO COMPANY, Louisville, Ky. Filed Dec. 9, 1936. Serial No. 386,524.

MARTINI

For Cigarettes.
Claims use since Nov. 13, 1936.

LABELS

REGISTERED JANUARY 4, 1938

50,530.—*Title:* HYATT POCKET BILLIARD BALLS. For Billiard Balls. ALBANY BILLIARD BALL COMPANY, Albany, N. Y. Published October 7, 1937.

50,531.—*Title:* HYATT POCKET BILLIARD BALLS. For Billiard Balls. ALBANY BILLIARD BALL COMPANY, Albany, N. Y. Published October 7, 1937.

50,532.—*Title:* HYATT POCKET BILLIARD BALLS. For Billiard Balls. ALBANY BILLIARD BALL COMPANY, Albany, N. Y. Published October 7, 1937.

50,533.—*Title:* FUREN. For Fruit. J. W. FUREN, doing business as Furen Packing Company, Fort Myers, Fla. Published September 10, 1937.

50,534.—*Title:* HALL'S COFFEE RINGS. For Coffee in the Form of Rings. H. B. HALL CO., Chicago, Ill. Published September 20, 1937.

50,535.—*Title:* HAMPDEN BEER. For Beer. HAMPDEN BREWING COMPANY, Williamansett, Mass. Published October 1, 1937.

50,536.—*Title:* BETTY LOU. For Boxes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published March 24, 1937.

50,537.—*Title:* MOTOR OIL. For Motor Oil. JOHN B. HUEST, Philadelphia, Pa. Published June 27, 1936.

50,538.—*Title:* SUPREME WHITE BREAD. For Bread. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published December 2, 1937.

50,539.—*Title:* JUVENILE MOVIE MAKE-UP KIT BY MINER'S. For Make-Up Kits. MINER'S, INC., New York, N. Y. Published September 23, 1937.

50,540.—*Title:* APE-MAN MAKE-UP KIT BY MINER'S. For Make-Up Kits. MINER'S, INC., New York, N. Y. Published September 23, 1937.

50,541.—*Title:* CLOWN MAKE-UP KIT BY MINER'S. For Make-Up Kits. MINER'S, INC., New York, N. Y. Published September 23, 1937.

50,542.—*Title:* COWBOY MAKE-UP KIT BY MINER'S. For Make-Up Kits. MINER'S, INC., New York, N. Y. Published September 23, 1937.

50,543.—*Title:* CHINESE MAKE-UP KIT BY MINER'S. For Make-Up Kits. MINER'S, INC., New York, N. Y. Published September 23, 1937.

50,544.—*Title:* BLACK-FACE MAKE-UP KIT BY MINER'S. For Make-Up Kits. MINER'S, INC., New York, N. Y. Published September 23, 1937.

50,545.—*Title:* HOBO MAKE-UP KIT BY MINER'S. For Make-Up Kits. MINER'S, INC., New York, N. Y. Published September 23, 1937.

50,546.—*Title:* INDIAN MAKE-UP KIT BY MINER'S. For Make-Up Kits. MINER'S, INC., New York, N. Y. Published September 23, 1937.

50,547.—*Title:* PIRATE MAKE-UP KIT BY MINER'S. For Make-Up Kits. MINER'S, INC., New York, N. Y. Published September 23, 1937.

50,548.—*Title:* NESCO—A NESCO PRODUCT—NESCOWARE IS EVERYWHERE. For Tin Ware, Enameled Ware, Lithographed Ware, Galvanized Ware, Japanned Ware, and Milk Cans. NATIONAL ENAMELING AND STAMPING COMPANY, Milwaukee, Wis. Published September 11, 1937.

50,549.—*Title:* ELMDALE. For Peas. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill. Published June 26, 1935.

50,550.—*Title:* ARDEN COUGH-CHECKER. For Cough Drops. UP-TO-DATE CANDY MANUFACTURING CO., New York, N. Y. Published October 28, 1937.

50,551.—*Title:* RECIPE BRAND BAKING POWDER. For Baking Powder. WESCO FOODS COMPANY, Cincinnati, Ohio. Published August 11, 1936.

PRINTS

REGISTERED JANUARY 4, 1938

16,639.—*Title:* PEP. For Candy. AWFUL FRESH MACFARLANE, Oakland, San Francisco, and Berkeley, Calif. Published December 3, 1937.

16,640.—*Title:* GOIN' PROSPECTIN'. For Wheat Breakfast Food. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Published December 5, 1937.

16,641.—*Title:* NEW VOGUE FOR HOT BISCUITS COMES TO HELP OF "BELOW PAR" MENUS. For Biscuit Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published December 10, 1937.

16,642.—*Title:* LOXOL—BEAUTIFYING OIL SHAMPOO TINT—TAKE OFF YOUR HAT WITH A CONFIDENT SMILE! For Oil Shampoo Tint. SALES AFFILIATES, INC., New York, N. Y. Published November 16, 1937.

16,643.—*Title:* DELICIOUS! RAVIOLI. For Ravioli. AURELIO TANZI, doing business as Aurelio Tanzi Engineering Company, New York, N. Y. Published October 8, 1937.

REISSUES

JANUARY 4, 1938

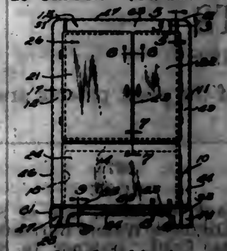
20,610

CABINET DESIGN

Leonard H. Darbyshire, Detroit, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, a corporation of Illinois

Original No. 2,039,152, dated October 27, 1936, Serial No. 692,852, October 3, 1933. Application for reissue February 4, 1937, Serial No. 124,143

19 Claims. (Cl. 220—9)



1. A heat insulated cabinet comprising a top wall, an end wall and a front wall having a door opening formed therein, said door opening having a vertically disposed edge portion in spaced relation to the outer surface of said end wall, said top and front walls having a groove formed across the upper surfaces thereof, respectively, in alignment with said edge of and terminating at said door opening, and a flanged end panel for covering the end surfaces of said cabinet disposed outwardly of said groove and edge of said door opening and the corner formed by the juncture of said three walls, said covering having securing flanges projecting inwardly of said cabinet for engagement therewith within said door opening and said groove.

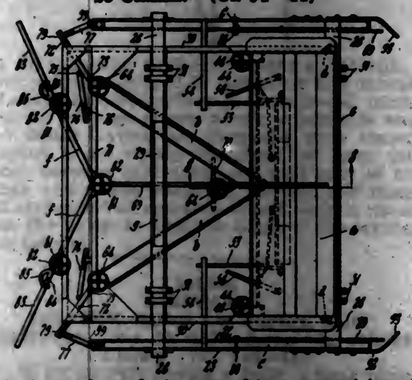
20,611

MACHINE FOR SPREADING AND SURFACING ROAD MATERIAL

Alma N. Nickerson, Plymouth, Mass.

Original No. 1,976,291, dated August 14, 1934, Serial No. 632,635, August 4, 1932. Application for reissue November 11, 1935, Serial No. 49,269

25 Claims. (Cl. 94—44)



1. A road surfacing machine comprising in combination two elongated parallel runners, a hopper between the runners, the hopper being adapted to receive material to be spread and deliver it between the runners, the runners extending rearwardly of the hopper and restraining the sidewise spread of the material discharged from the hopper as the machine is moved forward on a road bed, means for regulating the discharge of material from the hopper, a leveling plow behind the hopper, and additional spreading means cooperating with said plow and adjustably movable laterally relative to the plow for laterally spreading material behind the hopper to a greater width than the length of the hopper.

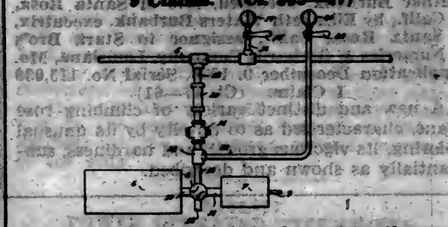
20,612

CONTROL FOR AUTOMATIC AIR BRAKE APPARATUS

Michael Reynolds, Ottumwa, Iowa

Original No. 1,992,443, dated February 26, 1935, Serial No. 720,171, April 13, 1934. Application for reissue September 26, 1935, Serial No. 42,310

9 Claims. (Cl. 303—47)



1. In an automatic air brake system, the combination with a train line and the brake mechanism of individual cars of a train, means for restricting the flow of air from said train line to said brake mechanism of one or more cars, and means for reducing the air pressure between said restricting means and said brake mechanism of said one or more cars to actuate said brake mechanism without actuating the brake mechanism of the other cars of the train.

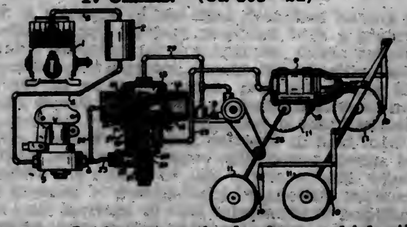
20,613

SPEED CONTROLLED BRAKE

Theophile Tarision, Livry-Gargan, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Original No. 2,024,669, dated December 17, 1935, Serial No. 730,877, June 16, 1934. Application for reissue May 12, 1937, Serial No. 142,232. In France December 7, 1933.

17 Claims. (Cl. 303—21)



1. In a fluid pressure brake for a vehicle, the combination with a brake cylinder, of manually controlled means for effecting the supply of fluid under pressure to the brake cylinder, means operative to establish a fluid pressure which pres-

sure is proportional to the speed of a vehicle wheel, a brake controlling valve device comprising valve means for controlling the supply of fluid under pressure to the brake cylinder, a first movable abutment subject to the opposing pressures of the brake cylinder and the pressure of fluid supplied to effect an application of the brakes for operating said valve means, and a second movable abutment subject to the opposing pressures of the fluid supplied to effect an application of the brakes and to said fluid pressure which is proportional to the speed of the vehicle, said last named movable abutment also controlling the operation of said valve device.

20,614
CONCENTRATION OF ORES
George H. Wigten, Eureka, Utah
No Drawing. Original No. 1,783,267, dated December 2, 1930, Serial No. 375,892, July 3, 1929. Application for reissue October 6, 1931, Serial No. 567,290
15 Claims. (Cl. 209—166)

1. The process of concentrating oxidised ores by froth flotation which comprises subjecting the ore in the form of a pulp to a flotation operation in the presence of the reaction product of an oxygen free aromatic amino compound and phosphorus pentasulfid.

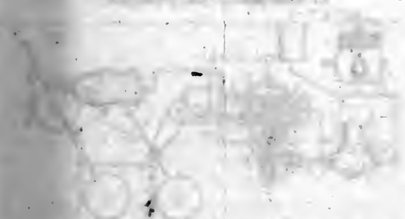
PLANT PATENTS

GRANTED JANUARY 4, 1938

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

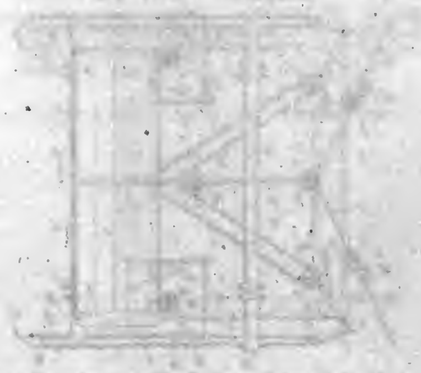
266
ROSE
Luther Burbank, deceased, late of Santa Rosa, Calif., by Elizabeth Waters Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo.
Application December 9, 1936, Serial No. 115,039
1 Claim. (Cl. 47—61)

A new and distinct variety of climbing rose plant, characterized as to novelty by its unusual coloring, its vigorous growth and hardiness, substantially as shown and described.



267
ROSE
Luther Burbank, deceased, late of Santa Rosa, Calif., by Elizabeth Waters Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo.
Application December 14, 1936, Serial No. 115,879
1 Claim. (Cl. 47—61)

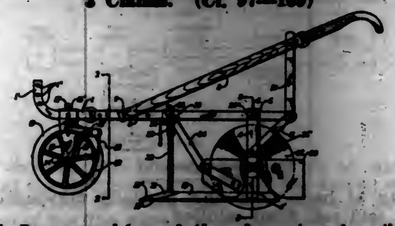
A new and distinct variety of climbing rose plant, characterized by its white tea rose-like flower, borne on long, strong stems, with old rose fragrance, substantially as shown and described.



PATENTS

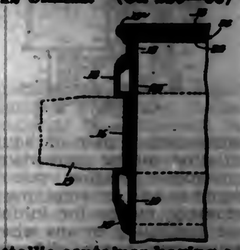
GRANTED JANUARY 4, 1938

2,104,094
COMBINED CULTIVATOR AND WEED CUTTER
William Ackermann, London, Ohio
Application September 15, 1936, Serial No. 100,867
3 Claims. (Cl. 97—169)



1. In a machine of the character described, a frame comprising an inverted U-shaped member, a pair of rearwardly diverged blades having their rear ends rigidly connected with said U-shaped member, a vertically extending rod connected with the forward portions of said blades and also with said frame, a gauge wheel adjustably mounted on said frame in advance of said blades, a non-rotatable axle supported by the legs of said U-shaped frame member, a non-rotatable bushing mounted on said axle, an anti-skid disk, and extended hub members connected with said disk and rotatably mounted on said bushing.

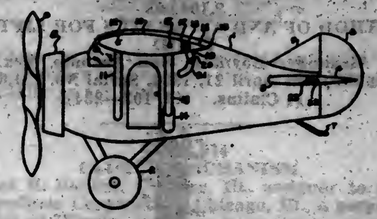
2,104,095
CONTAINER
Charolette A. Arneson, Chicago, Ill.
Application September 2, 1936, Serial No. 479,164
Renewed May 6, 1936
12 Claims. (Cl. 220—53)



1. In a metallic container having a side wall, a cover, a flange secured to said cover and extending along the outer surface of the side wall, means securing the edge of said flange to said side wall, said flange having an elongated strip thereof adapted to be ripped therefrom to sever said flange between said cover and said edge of the flange, and means positioned between said flange and said side wall operable as said strip is ripped from the flange to wipe the edges of the opening thus formed.

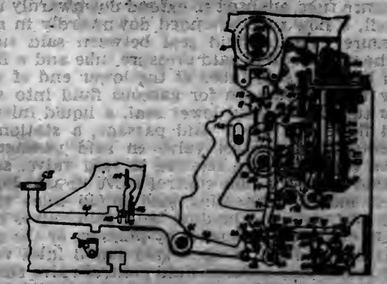
2,104,096
AIRPLANE
John McK. Baffee, Los Angeles, Calif.
Application June 20, 1933, Serial No. 676,368
7 Claims. (Cl. 244—42)

1. In an aircraft having a body, a wing pivotally mounted on said body about a pivot in the forward part of the wing and comprising a main wing section and a trailing edge flap pivoted on said main section for movement with respect thereto, mechanism to positively swing said wing about its pivotal mounting, a control member secured to said flap, said body having guide means comprising one portion concentric with the pivot of the wing and another portion non-



concentric therewith, said portions cooperating with said control member whereby the flap is held in alignment with the said main section during the first portion of the downward pivotal movement of the wing from its normal setting on the body and is displaced downwardly relative to the main section throughout the remainder of the downward pivotal movement of the wing.

2,104,097
POWER OPERATED TYPEWRITER
Raymond G. Bower, Detroit, Mich., assignor to Burroughs Adding Machine Company, Detroit, Mich., a corporation of Michigan
Application April 28, 1933, Serial No. 668,247
22 Claims. (Cl. 197—98)



10. A machine of the class described having a traveling paper carriage provided with a platen movably mounted for line spacing, power return means for said carriage, means for arresting said carriage in an intermediate position during its return, means controlled by a manipulative member operable, when said member is manipulated in one manner with said carriage in said intermediate position, to cause said power means to complete the return of said carriage, and, when said member is manipulated in another manner with said carriage in said intermediate position, to cause said power means to line space said platen and said carriage to remain stationary.

21. A machine of the class described having a traveling paper carriage, means operable to move said carriage across the machine in one

direction, motor driven means for returning said carriage in the opposite direction, said motor driven means including a normally disconnected clutch and a normally open motor switch, manipulative means operable by a momentary manipulation to engage said clutch and close said switch in such a manner that they will remain in said position after said manipulative means is released, and means automatically set into operation after the stoppage of said carriage to return said clutch to disconnected condition and to open said switch irrespective of the position of said manipulative means.

2,104,068
METHOD OF AND APPARATUS FOR LIFTING FLUID
Alexander Boynton, San Antonio, Tex.
Application April 21, 1934, Serial No. 721,669
14 Claims. (Cl. 103—234)



1. In a device of the character described, a pressure tube adapted to extend downwardly into a well, a flow tube extended downwardly in said pressure tube, a fluid seal between said tubes at the upper end of said pressure tube and a fluid seal between said tubes at the lower end of said flow tube, a passage for gaseous fluid into said flow tube above said lower seal, a liquid inlet to said flow tube below said passage, a stationary gaseous fluid control valve in said passage, a valve cage movable relative to said valve, seats in said cage, a liquid control valve in said liquid inlet, means connecting said liquid inlet valve and said cage and holding both said valves normally closed and operable by pressure of the gaseous lifting fluid to open said liquid inlet valve and retain said gaseous fluid control valve closed, and then movable in response to an increase in pressure of the well liquid thereon to open said gaseous fluid control valve and close said liquid inlet control valve.

2,104,069
PROCESS FOR THE MANUFACTURE OF BORIC ACID
William E. Burts, Trona, Calif., and Harald de Rapp, Charleston, W. Va., assignors to American Potash & Chemical Corporation, Trona, Calif., a corporation of Delaware
Application June 25, 1932, Serial No. 618,639½
10 Claims. (Cl. 23—140)

18. In a process of treating solutions containing boric acid and a salt of a strong mineral acid, the steps comprising adding a sodium containing compound capable of increasing the solubility of boric acid and partially crystallizing out said salt from solution.

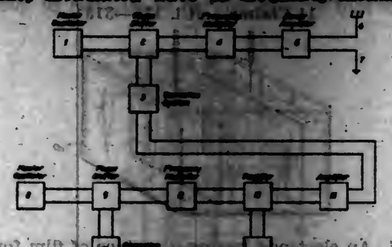
2,104,610
LIQUID WEIGHT METER
William S. Clarkson, Ann Arbor, Mich.
Application December 26, 1935, Serial No. 56,128
12 Claims. (Cl. 249—26)



1. In combination, a pair of liquid receiving vessels, oscillating means supporting said vessels in counterpoise relation, valve means for supplying liquid to and for emptying it from said vessels alternately, means for inhibiting movement of said oscillating means whereby to define a predetermined weight difference between said vessels at the time movement thereof takes place, automatic means for regulating said valve means to reduce the velocity of liquid entering and leaving said vessels immediately prior to the filling and emptying of said vessels to a degree attaining said predetermined weight difference, and means independent of said automatic means and actuated subsequently to actuation of said automatic means by movement of said vessels for shifting the valve means.

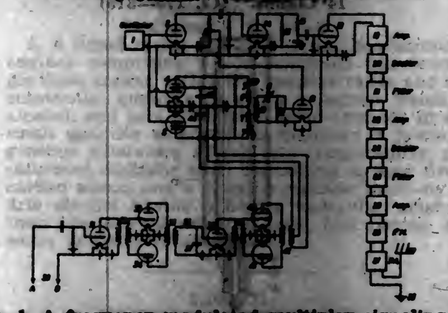
2,104,611
RADIO SIGNALING SYSTEM
Edwin H. Armstrong, New York, N. Y.
Application September 14, 1935, Serial No. 40,547
8 Claims. (Cl. 250—6)

1. The method of transmitting a radio signal which consists in producing a frequency modulated wave the frequency of which is above audibility and the frequency variations of which correspond to the modulations of the signal to be transmitted, amplifying said wave, frequency-modulated wave to frequency-modulate



a wave of still higher frequency to an extent that the frequency deviations of the second wave are greater in extent than the frequency deviation of the first wave and transmitting the second wave.

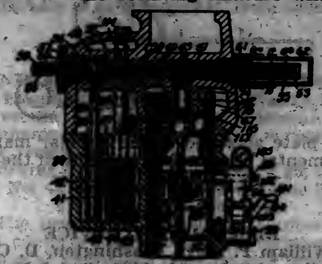
2,104,612
MULTIPLEX RADIO SIGNALING SYSTEM
Edwin H. Armstrong, [illegible], N. Y.
Application September 24, [illegible] Serial No. 40,548
8 Claims. (Cl. [illegible])



1. A frequency-modulated multiplex signaling system comprising a plurality of channels, each channel consisting of a separate band of frequencies, said system comprising means for causing the said channels to frequency-modulate the transmitted wave, and means for causing the frequency deviation of the transmitted wave produced by each channel to be substantially greater than the frequency range of audibility, so as to reduce cross-modulation between the channels.

2,104,613
METHOD OF FORMING A FUEL CHARGE FOR INTERNAL COMBUSTION ENGINES
Arthur R. Eaton, Indianapolis, Ind., assignor, by mesne assignments, to Standard Oil Engineering Company, a corporation of Delaware
Application November 20, [illegible] Serial No. 676,172
2 Claims. (Cl. [illegible])

1. The method of [illegible] charge for internal combustion [illegible] consists in drawing air through a [illegible] engine section to saturate said air with [illegible] to form a carbureted [illegible] rich to fire, heating this [illegible] of mixture to a temperature above the [illegible] point of a normal charge of the fuel to form an appreciable amount of free hydrogen and free carbon monoxide gas and thereafter mixing relatively cold air with the resulting mixture whereby a



slow burning fuel charge is formed having a mixture of highly inflammable free gas therein, substantially as set forth.

2,104,614
CLUTCH MECHANISM
Oscar H. Banker, Chicago, Ill., assignor to New Products Corporation, Chicago, Ill., a corporation of Illinois
Application July 16, 1934, Serial No. 735,411
8 Claims. (Cl. 192—48)



1. In a clutch mechanism, the combination of a rotatable drive member, a rotatable driven member, an internal expanding clutch including clutch elements connecting said members together in driving relation, centrifugally operable means for controlling said clutch elements, an automatic overrunning clutch connection between said members permitting the drive of said drive member by said driven member, and a manually releasable jaw clutch of the overrunning type for releasing said driven member from driven relation with said drive member.

2,104,615
SPADE FOR A GUN TRAIL
Otis L. Beardsley, Gary, Ind.
Application November 22, 1935, Serial No. 51,625
2 Claims. (Cl. 89—42)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

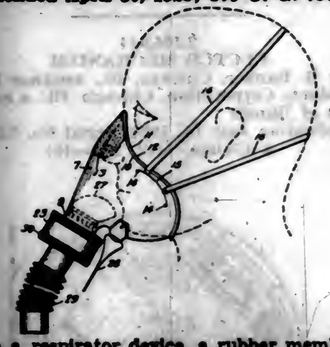
A gun trail, a spade member for the trail comprising a segmental plate fixed to the trail, said plate disposed transversely of the trail and extending laterally beyond the opposite sides of

the trail, a spade coextensive with the segmental plate and attached to the chord thereof and an



arched plate attached to the circular margin of the segmental plate and to the sides of the spade.

2,104,016
RESPIRATORY DEVICE
William P. Biggs, Washington, D. C.
Application October 16, 1935, Serial No. 45,197
9 Claims. (Cl. 128—146)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

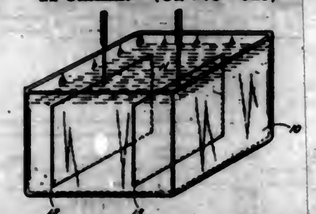


1. In a respirator device, a rubber member to inclose the nose, mouth, and chin of a wearer, said member having a free edge with halves that are symmetrical on opposite sides of a central plane, said free edge being permanently overturned to form an outwardly facing channel, the line defined by the base of said channel on each side being substantially an ogee curve, the base of said channel being relatively rigid and serving as a hinge about which a considerable area of the side of said member is swung bodily inwardly when pressure is applied adjacent the base of said channel by positioning the member on the face of a wearer, thus increasing the area of contact of the member with the face and augmenting the gas-excluding seal, a pair of spaced fastening elements carried by each side of said member and approximately equidistant from the said free edge, and a rigid element secured to each pair of said fastening elements, said rigid elements serving to attach head-straps to said member and also to prevent flexure of said member about an axis transverse to said free edge, which flexure would decrease the sealing effect.

2,104,017
CELLULOSE ETHER PURIFICATION
Russell E. Bradshaw, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application January 18, 1937, Serial No. 121,169
12 Claims. (Cl. 260—153)

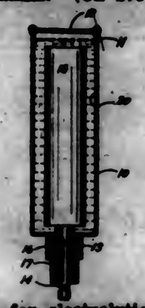
1. The method of purifying crude cellulose ethers which comprises dissolving the crude ether in a non-aqueous solvent therefor, and treating the solution with chlorine.

2,104,018
ELECTROLYTIC DEVICE AND METHOD OF MAKING SAME
Joseph B. Brennan, Fort Wayne, Ind.
Application March 22, 1933, Serial No. 662,107
11 Claims. (Cl. 175—315)



1. An electrode having a surface of film forming metal and a dielectric film thereon, the surface comprising a great number of minute particles of film forming metal deposited to form a porous or spongy mass, the dielectric film conforming to the surfaces of the particles whereby the area of dielectric film on the electrode is many times greater than the plane area thereof.

2,104,019
ELECTROLYTIC CONDENSER
Joseph B. Brennan, Fort Wayne, Ind.
Application July 20, 1935, Serial No. 32,416
14 Claims. (Cl. 175—315)

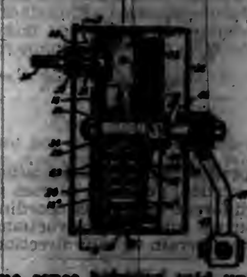


1. A cathode for electrolytic condensers and the like comprising a can of material which is corrodible by the electrolyte employed therein, and a protective coating of copper deposited on the internal surface thereof, the copper having a rough surface and comprising a great number of minute particles making electrical contact with each other and with the can.

2,104,020
RHEOSTAT
Addi Benjamin Gudmann, Beloit, Wis.
Application March 9, 1935, Serial No. 10,147
4 Claims. (Cl. 201—62)

1. A rheostat comprising, in combination, a resistance unit and a cooperating contactor mechanism mounted for movement relative to each other, a plurality of separate resistance elements carried by said resistance unit and arranged in spaced groups, means including a contact device carried by said contactor mechanism and movable into contact with said resistance elements in one of said groups for connecting the same in common circuit relation in response to a predetermined relative movement between said unit and said mechanism, and means including a second contact device carried by said contactor

mechanism in spaced relation to said first named contact device for subsequently connecting said resistance elements of another of said groups in common circuit relation with said first named group in response to further relative movement

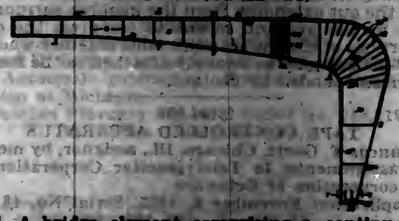


in the same sense between said unit and said mechanism, said first named contact device having a sufficient contact area to remain in contact with said first named group of resistance elements during said further relative movement.

2,104,021
FUEL
Conrad Cleo Callis, Oakmont, Pa.
No Drawing. Application April 24, 1935, Serial No. 17,027
13 Claims. (Cl. 44—9)

1. A liquid motor fuel for internal combustion engines comprising a non-benzenoid petroleum distillate boiling within the gasoline range and a substantial quantity of a low molecular weight alcohol, and as a stabilizing agent therefor in a small quantity sufficient to maintain a homogeneous admixture at sub-zero temperatures, a saturated aliphatic ether containing at least five carbon atoms and a gasoline miscible mono-hydric alcohol having a higher molecular weight than the alcohol admixed, said fuel having a water tolerance of about 12%.

2,104,022
BRIDGE CONSTRUCTION
Everett Chapman, Coatesville, Pa.
Application December 14, 1935, Serial No. 753,286
Renewed September 6, 1936
13 Claims. (Cl. 14—24)

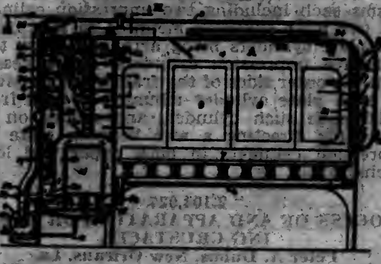


1. A bridge element comprising a continuous member consisting of a central section and haunches connected thereto in spaced relation and constituting an inherently stable structure; each of said elements comprising a central web in continuous alignment and continuous flange members to which the central webs of said central section and haunches are welded; the central webs of said haunches including substantially horizontal portions aligned with the central web of the central section, and the flange members of said central section forming the upper and lower chords of the central section and being continuous with the flanges forming the intrados and extrados of said haunches, respectively.

2,104,023
MANUFACTURE OF CELLULOSE ESTERS
Louis Etienne Clement, Meudon, France, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application February 25, 1930, Serial No. 431,244. In France October 7, 1929
2 Claims. (Cl. 260—101)

1. The process of producing cellulose acetate which comprises acetylating the cellulose in the presence of methylene chloride at a temperature which will vaporize sufficient of the methylene chloride to prevent a rise of the reaction temperature substantially above 50° C., collecting methylene chloride vapors given off, condensing them and returning the methylene chloride to the acetylating process.

2,104,024
AIR CONDITIONED SLEEPING CABINET
Joseph A. Cambata, San Francisco, Calif.
Application December 9, 1935, Serial No. 53,487
6 Claims. (Cl. 98—1)



1. In an enclosed cabinet of the character described having air inlet and discharge openings formed at opposite ends thereof, blower actuated means for delivering air to the inlet openings, means mounted in the inlet openings for uniformly distributing, directing and diffusing the air to maintain the entire body of air flowing at a uniform velocity and in a given direction through the cabinet, said means comprising a pair of spaced diffusing fabrics covering the inlet openings, air directing means between the fabric coverings, stationary air directing means disposed between the air delivering means and the diffusion fabrics, and adjustable air directing means cooperating with the last named air directing means.

2,104,025
DECALCOMANIA PAPER
Lewis Davis, Worcester, Mass., assignor to McLaurin-Jones Co., Brookfield, Mass., a corporation of Massachusetts
Application August 23, 1934, Serial No. 741,121
9 Claims. (Cl. 41—33)

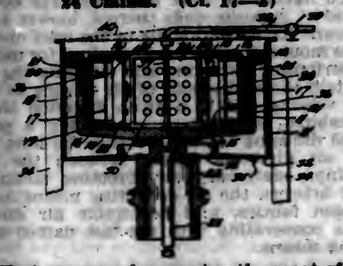
1. A decalcomania paper comprising a suitable backing sheet, an outer waterproof coating carried by said sheet to take decalcomania printing, and a protective coating of a rubbery nature between the first mentioned coating and said sheet.

2,104,626
ROTARY PRESS UNIT
Arthur R. Dowell, Washington, D. C., assignor to The Duplex Printing Press Company, Battle Creek, Mich., a corporation of Michigan
Application July 11, 1934, Serial No. 734,673
7 Claims. (Cl. 101—180)



1. A double perfecting printing unit for a multi-unit rotary printing press; said unit comprising a unit frame, upper and lower printing mechanisms each including two impression cylinders and two plate cylinders mounted in said frame, said plate cylinders being arranged below their respective impression cylinders, and accessible from the outer sides of the frame, inking devices for each plate cylinder mounted in said frame underneath such cylinder, and guides on the frame for directing a web between plate and impression cylinders in both upper and lower mechanisms.

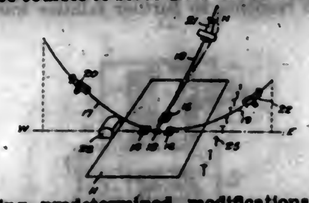
2,104,627
PROCESS OF AND APPARATUS FOR TREATING CRUSTACEA
Peter A. Dubos, New Orleans, La.
Application March 31, 1934, Serial No. 718,509
24 Claims. (Cl. 17—2)



1. That process of preparing the meat of crustacea comprising subjecting a crustacean to centrifugal action to separate the meat from the shell and utilizing the same centrifugal action to effect washing of the separated meat.

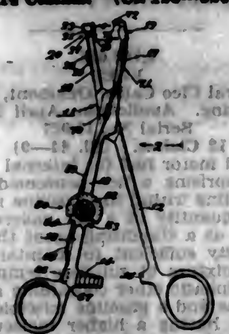
2,104,628
AIRCRAFT BLIND LANDING BEAM SYSTEM
Francis W. Dunmore, Washington, D. C., assignor to The Government of the United States of America, as represented by the Secretary of Commerce
Application March 3, 1936, Serial No. 66,977
32 Claims. (Cl. 250—11)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In a method for vertical guidance of aircraft with respect to a terrain including a landing area, the improvement which consists in propagating a radiated field providing vertical guidance courses to serve different directions, and



imparting predetermined modifications to the slope of the vertical guidance courses propagated in serving different directions coordinating said guidance courses with the obstructional characteristics of the terrain in said directions.

2,104,629
HEMOSTAT
Louis A. Eshman, Los Angeles, Calif.
Application May 12, 1936, Serial No. 79,513
14 Claims. (Cl. 128—326)



1. A hemostat comprising an instrument having stems pivotally connected, each with a jaw thereon, a feeding device for gut mounted on one of the jaws, a resilient jaw connected to the second jaw and adapted to retain the end of the gut on bringing the jaws together so that on separation of the jaws a strand of gut extends between said jaws whereby each strand may be looped around a member to be surgically ligated, means on the said jaws to align the end portions of the gut extending from the member surrounded by the gut and means to compress the end portions of the gut to secure same together whereby the gut may be securely attached to the member surrounded by the gut.

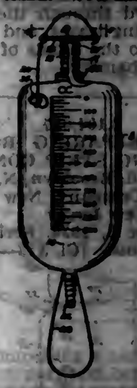
2,104,630
TAPE CONTROLLED APPARATUS
Maurus T. Goetz, Chicago, Ill., assignor, by mesne assignments, to Teletypesetter Corporation, a corporation of Delaware
Application November 6, 1935, Serial No. 48,474
31 Claims. (Cl. 199—18)



3. In a tape controlled apparatus, a plurality of elements to be individually and selectively

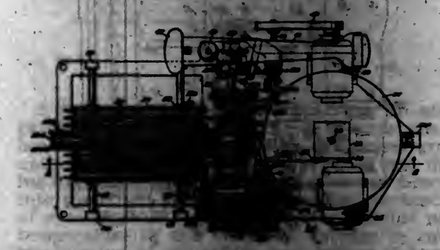
conditioned, a set of code bars variously presentable having notch and tab distribution for affording a selective clearance to each of said elements individually in accordance with a permutation signal, a set of tape sensors, and means for transferring a signal from said tape sensors to said set of code bars including a [illegible] set of connector bars and an element [illegible] operated by a dormant condition of said connector bars.

2,104,631
CONTAINER
Christian Lee Gauhe, Ashtabula, Ohio
Application April 20, 1933, Serial No. 15,660
5 Claims. (Cl. 128—214)



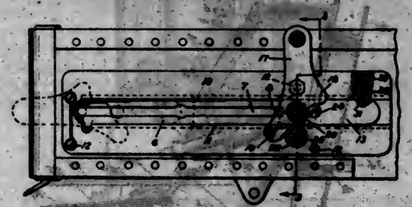
5. A flask or container for medical solutions used in intravenous therapy comprising a body portion having an opening at the upper end, a closure member for the upper end of said body portion, a reduced extension or neck at the lower end of said body portion adapted to have a delivery tube attached thereto, and a closure for said reduced extension or neck comprising an elastic tubular-shaped member closed at the lower end and adapted to fit over said extension or neck and flexible means adapted to be grasped so that the same can be removed from the extension or neck by being at least partially rolled or pulled back on itself and without the hands coming in contact with the extension or neck.

2,104,632
AUTOMATIC PHONOGRAPH
Clifford H. Green, Grand Rapids, Mich., assignor to Automatic Instrument Company, a corporation of Michigan
Application February 20, 1934, Serial No. 712,218
15 Claims. (Cl. 274—10)



15. In a multiple record disc phonograph, a selector, a transfer including a shaft rotatable less than one complete turn forwardly to move a selected disc into playing position and reversely to return the disc to storage position, a cam mounted on the shaft, a selector clutch having radial operative projections which are alternately depressible to engage and disengage the clutch, a shifter shaft spring-pressed into contact with the cam in the normal position of the transfer shaft and thereby held in normal position, and a shifter element normally latched to the shifter shaft and having a flange which is then positioned to contact the projection for engaging the selector clutch, said element being unlatched by the selector and spring-pressed into position for engaging the projection for releasing the clutch and stopping the selector, said shifter shaft being released for movement to relatch with said element when the cam is moved away by rotation of the transfer shaft, and the shifter shaft being moved back to normal position when the cam and transfer shaft returns to normal position to restore said element to normal position for re-engaging the selector clutch.

2,104,633
BOLT OPERATING MECHANISM FOR MACHINE GUNS
Samuel M. Green, Cape, Ga.
Application October 11, 1933, Serial No. 44,572
4 Claims. (Cl. 89—27)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a machine gun, a casing having a side plate provided with a slot, a breech bolt reciprocally mounted in the casing and having a stud extending through the slot, a frame on the outer side of the side plate, a slide reciprocally mounted in the frame and engaging the forward face of the stud on the bolt, a lever having a toe and a heel and pivotally mounted on the slide between the toe and heel, a stop pin carried by the slide in front of the pivot of the lever, a spring normally acting to rotate the lever to a vertical position with its heel engaging the stop pin, and a member serving both as a fulcrum and a stop carried by the frame below the pivot of the lever and engageable by the toe of the lever.

2,104,634
COIN CONTROLLED VENDING APPARATUS FOR ICE CREAM PACKAGES
Wilhelm Hamel, Rotterdam, Netherlands, assignor to Carp's Handelsmaatschappij voor Automatiek en Scheepsgoederen, N. V., Amsterdam, Netherlands, a Dutch company
Application December 23, 1935, Serial No. 55,914
In Germany April 8, 1935
18 Claims. (Cl. 62—61.5)

5. In a vending machine for packages of ice cream or the like, a cabinet having a compartment for solid carbon dioxide and a package delivery duct extending downwardly toward a package delivery port, means located above said delivery

port for delivering packages singly into said duct, and a relatively restricted conduit for leading



gaseous carbon dioxide from said compartment and delivering it into said duct above said port.

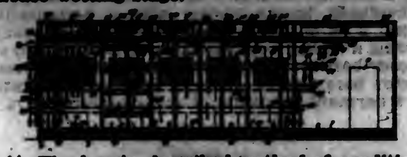
2,104,035
STOKER FOR LOCOMOTIVES
William Thompson Hanna, Cincinnati, Ohio
Application April 5, 1930, Serial No. 443,761
Renewed November 21, 1935
11 Claims. (Cl. 110—101)



10. In a stoker mechanism, the combination with a fire box having a firing opening of a conduit for conveying fuel from a source to said firing opening, the upper end of said conduit embracing said opening and having adjacent the lower edge of the firing opening a horizontal ledge over which fuel flows through said firing opening, means for distributing fuel fed to said opening upon and over the fire, and fuel conditioning and regulating means mounted in said conduit including a rotary tapered worm extending from a position at the rear wall of said conduit not above the horizontal line of the ledge of said conduit to a position immediately adjacent said ledge.

2,104,036
CONTINUOUS TREATMENT OF MATERIALS
Gordon D. Harris, Stamford, Conn., assignor, by mesne assignments, to Wurton Machine Company, Philadelphia, Pa., a corporation of Pennsylvania
Application July 22, 1929, Serial No. 379,964
46 Claims. (Cl. 131—65)

1. A tobacco-treating process comprising subjecting dry tobacco to a priming treatment with moisture-saturated air, conveying the tobacco to a casing stage in which the tobacco is subjected to moisture-saturated air at approximately 70° to 80° F., and subjecting the tobacco to a surface-wetting stage.



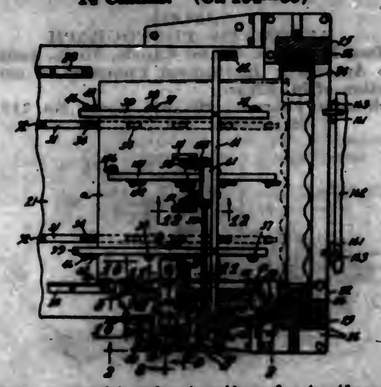
44. The herein-described method of conditioning cigar wrapper leaf tobacco to render the leaves soft and pliant, which consists in continuously passing suspended hands of leaves through a conditioning chamber, causing humid air to pass upward through the chamber and through the traveling leaves, and in imparting a swinging motion to the hands of leaves as they pass through the chamber.

2,104,037
METHOD OF PREPARING BODY BLANKS FOR TEARING STRIP CONTAINERS
John M. Hothersall, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application June 2, 1936, Serial No. 83,379
9 Claims. (Cl. 112—15)



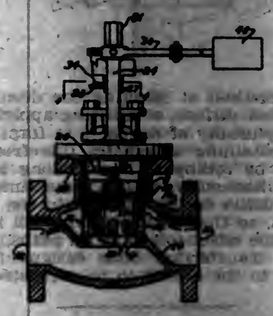
1. The method of preparing a container body blank having a removable tearing strip, which comprises forming a tongue in said blank which is integral with a tearing strip formed in the blank, said tongue being disposed at an angle to the tearing strip, and bending the tongue into longitudinal alignment with the tearing strip.

2,104,038
SHEET GAUGING DEVICE
Wilson R. Hull, East Orange, N. J., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application September 6, 1935, Serial No. 39,496
14 Claims. (Cl. 164—59)



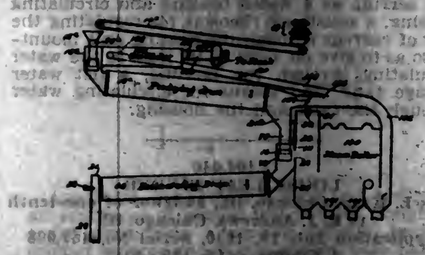
1. In a machine for treating sheets, the combination of work elements for performing an operation thereon, means for feeding a sheet to said work elements, separately movable gauging members having a plurality of gauge contact points, and means for moving the contact points of said gauging members independently of one another in a direction transverse to the line of feeding and into engagement with the same side edge of the sheet for aligning them therewith.

2,104,039
VALVE
William L. Hunter, Erie, Pa., assignor to Northern Equipment Company, Erie, Pa., a corporation of Pennsylvania
Application September 26, 1935, Serial No. 41,972
2 Claims. (Cl. 251—167)



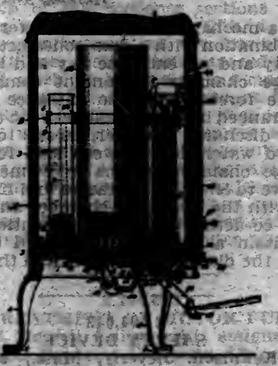
1. A valve comprising a casing having an inlet and an outlet, a partition between the inlet and the outlet and having an opening therethrough, the outer wall of the casing having an opening therethrough facing the partition opening, a cage with its ends fixed in the respective openings, and a plunger movably mounted in the cage, the cage having a flexible flange projecting angularly around one end by means of which that end of the cage is fixed in the casing opening.

2,104,040
REFUSE INCINERATION
George F. Hurt, New York, N. Y.
Application August 27, 1934, Serial No. 741,539
9 Claims. (Cl. 110—14)



1. In refuse incineration apparatus, an elongated rotary drum enclosing a furnace chamber through which the refuse progresses gradually from the inlet end to the outlet end during its treatment, a fuel injecting burner directed into the outlet end of the drum for combustion of auxiliary fuel when required to provide high temperature in the chamber, thereby to cause the burning of the refuse and driving of passible components therefrom, and the drying of the refuse, as the combustion gases traverse the furnace chamber counter to the progress of the refuse, means for maintaining flow of the gases through the furnace chamber, a combustion chamber to which the gaseous products flow from the furnace chamber inlet, a burner for introducing fuel and air to the combustion chamber adapted to maintain therein combustion temperatures to consume unburned gaseous products received from the furnace chamber, a predrying drum delivering refuse to the incinerating drum, and flues for passing the gases from the incinerator drum to the predrying drum for flow therethrough, a gas washer beyond the predrying drum, and a flue to by-pass around the predrying drum.

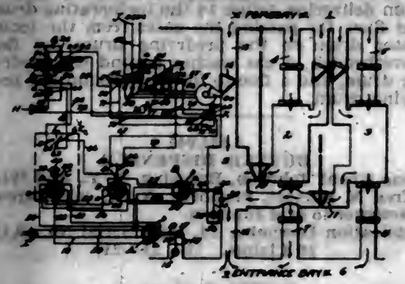
2,104,041
BUTTER DISPENSER
Irene Grant Johnson, Brooklyn, N. Y., and Winfred N. Larcott, Elizabeth, N. J.; said Larcott assignor to said Johnson
Application December 24, 1935, Serial No. 56,110
16 Claims. (Cl. 31—21)



1. A butter dispenser, including a casing, means for projecting a bar of butter through the bottom of the casing, a cutter frame, a cutter in said frame, a trigger adapted to move the cutter frame and cutter both downwardly and rearwardly, a spring adapted to force the cutter frame and cutter forwardly to cut off a section of the bar of butter, a finger on the cutter frame, and a fixed cam block around which the finger moves to control the path of movement of the cutter.

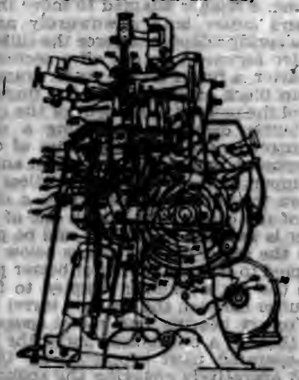
5. A butter dispenser, including a casing, a rotary turret in the casing, a series of channel-like receptacles mounted in the turret and adapted to support bars of butter in vertical position resting on the bottom of the casing, a die in the bottom of the casing with which one of the bars of butter is adapted to register and be projected through the same, cutting means below the casing adapted to sever a section of butter projected through the die, a plunger adapted to force the bar of butter through the die, said turret having a central rotary bearing and radial spokes in the bottom thereof, a crank arm under the turret, a gravity-operated pawl supported on the crank arm and operatively engaging the spokes, a second crank arm operatively connected with the first-mentioned crank arm, and a sliding bar projecting beyond the wall of the casing and operatively engaging the last-mentioned crank arm to swing the same a predetermined distance to cause the turret to turn a distance equal to that between the butter receptacles.

2,104,942
AUTOMATIC CONTROL MECHANISM FOR FISH LOCK DRAINAGE
John P. Jolliffe, Portland, Oreg., assignor to the Government of the United States of America, represented by the Secretary of War
Application May 25, 1937, Serial No. 144,615
10 Claims. (Cl. 61—21)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



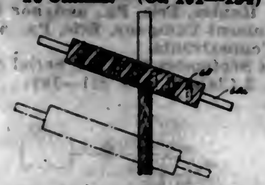
1. In a mechanism of the character described, the combination with a dam construction having a forebay and an entrance bay and including a discharge chamber in conduit communication with the forebay and the entrance bay; of a valve arranged in the conduit between the forebay and the discharge chamber, means to provide a regulated water flow between said forebay and discharge chamber, means in connection with said valve to effect its operation and means associated with the discharge chamber and entrance bay and co-acting with the first mentioned means to maintain a predetermined head differential between the discharge chamber and the entrance bay.

2,104,943
SAFETY DEVICE
Frank Kennison, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application October 30, 1936, Serial No. 108,383
7 Claims. (Cl. 12—14)



2. In a machine for applying pressure to shoe parts, a motor, a countershaft driven by the motor, a cam on the countershaft, a clutch between the countershaft and the cam, pressure-applying means operated by the cam, a clutch-tripping rod, a treadle connected thereto, a switch for controlling the motor, and means for opening the switch to stop the motor and for simultaneously rendering the treadle inoperative to trip the clutch.

2,104,944
METHOD AND APPARATUS FOR THE DECORATION OF ELONGATED SURFACES
Orville Deering Kling, Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich., a corporation of Michigan
Application July 16, 1936, Serial No. 90,887
16 Claims. (Cl. 101—154)



1. The method of effecting the decoration of an elongated surface, comprising applying a design to a plurality of members to form patterns thereon, obtaining a transfer therefrom on an offset roll by rolling such roll along both patterns simultaneously, at the same time moving the roll relative to the patterns in the direction of its axis, so that both patterns will be transferred to the offset roll in spiral paths, and subsequently transferring both designs from the offset roll to the article to be decorated.

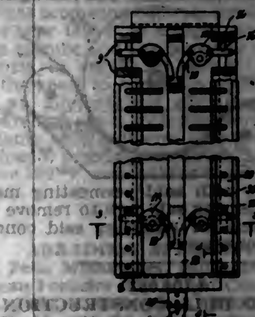
2,104,945
ELECTRIC HOT WATER RANGE
Otto A. Klopp, Oakland, Calif.
Application November 19, 1934, Serial No. 753,611
Renewed March 8, 1937
6 Claims. (Cl. 219—37)



4. In a heating apparatus of the character described a plate having an electric resistance heating unit mounted therein, a housing disposed in heat conducting engagement with said plate and serving as a water heating and circulating housing, a resistance rheostat for regulating the flow of current through the heating unit mounted so as to give off most of its heat to the water circulating through the housing, a hot water storage tank, and means for circulating water through the tank and the housing.

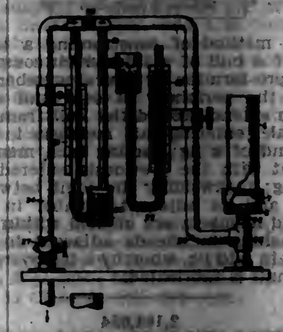
2,104,946
LOOSE LEAF BINDER
Erik L. Krag, Chicago, Ill., assignor of one-tenth to R. J. Andrews, Chicago, Ill.
Application July 10, 1930, Serial No. 467,096
4 Claims. (Cl. 129—6)

2. In a loose leaf binder, a base plate, a pair of prong bars, means for mounting said prong bars on said plate for movement transversely of said plate and also for movement longitudinally of said plate a distance equal to the entire length thereof, means for operating said bars transversely, means for preventing longitudinal movement of one of said bars when said binder is closed, said latter means comprising a stop fixed with reference to said base plate and a finger adapted to coact with said stop and with said prong bar to prevent movement of said prong bar.



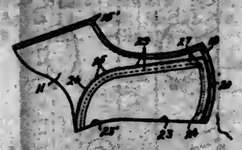
4. In a loose leaf binder, a base plate, a pair of prong bars, means for mounting said prong bars on said plate for movement transversely of said plate and also for movement longitudinally of said plate a distance to the entire length thereof, and means for operating said bars transversely, said operating means comprising a bar slidably mounted with reference to said plate, levers pivoted to said plate, and links pivotally connecting said operating bar and said prong bar mounting means with said levers.

2,104,947
APPARATUS FOR PRESHRINKING AIR RESISTANCE OF FIBROUS ARTICLES
Ernest Kendall Long, Baltimore, Md.
Application April 28, 1936, Serial No. 77,830
1 Claim. (Cl. 73—51)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



Apparatus for rapidly drying and testing the air resistance of sample test pads of fibrous material comprising a suction conduit having a ground tapered end, a cup-shaped base having a correspondingly ground tapered opening in its bottom for air-tight fit over the end of said conduit, a mesh screen extending across the rim of said cup-shaped base and adapted to hold the wet pulp for drying into a test pad and the test pad, a pipe threaded on said cup-shaped base and holding said screen over the rim of the cup-shaped base, a manometer connected to said suction conduit for measuring air flow therethrough, a second manometer for measuring the resistance to air flow of said test pad, and means to adjust the flow of air through said conduit and test pad.

2,104,948
SHOE CONSTRUCTION
James F. Marshall, Auburn, N. Y.
Application December 20, 1934, Serial No. 758,280
14 Claims. (Cl. 36—45)



1. In a shoe structure of the class wherein a pair of complementary outer quarter sections are secured to each other at their rear ends by a back seam with the edges of said seam facing inwardly, in combination, a counter stiffener composed of two individual complementary sections, each of said stiffener sections being arranged in overlying relation with a respective one of the quarter sections, the rear ends of the counter stiffener sections being spaced from each other and receiving the inwardly facing edges of the back seam therebetween, means firmly securing each counter stiffener section to said respective one of the outer quarter sections, a reenforcing element composed of counter stiffener material arranged to extend across said seam and in over-lying relation with the adjacent ends of said stiffener sections, and means securing the reenforcing element to the counter stiffener sections independently of said outer quarter sections.

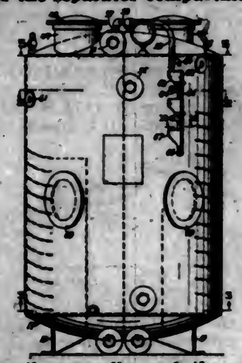
2,104,949
TREATMENT OF MOTOR FUEL
Jacque C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application July 29, 1932, Serial No. 626,178
9 Claims. (Cl. 44—9)

5. In the treatment of cracked hydrocarbon distillates of the type obtained by cracking hydrocarbons which produce substantial quantities of phenolic substances in the cracked distillate, the steps of extracting the crude phenolic substances, converting the same to more highly effective inhibitor bodies, and readding the same to the distillate in quantity sufficient to stabilize the distillate against gum formation.

2,104,950
OIL AND WATER SEPARATOR
Paul R. Nibecker, United States Navy, and Rob Roy McDonald, Oakland, Calif.
Application January 2, 1936, Serial No. 57,950
12 Claims. (Cl. 210—51)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

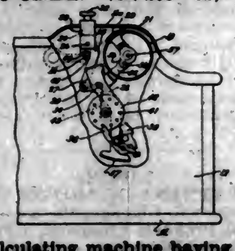
1. An oil and water separator unit comprising an oil and water entrance compartment, a separator compartment, means in the separator compartment for separating the oil and water into a plurality of spirally ascending, parallel strata permitting the clear water to collect by gravity at the bottom of each strata, the length of the strata being substantially greater than the maximum width of the separator unit but less

than the outer periphery thereof, means at the upper end of the separator compartment for de-



flecting the oil upwardly and the clear water downwardly.

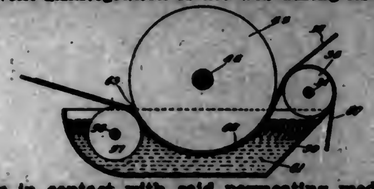
2,104,051
CALCULATING MACHINE
Frederick A. Niemann, Chicago, Ill., assignor to Felt & Tarrant Mfg. Co., a corporation of Illinois
Application May 16, 1935, Serial No. 21,734
5 Claims. (Cl. 235—62)



2. In a calculating machine having denominational orders of accumulator registering mechanisms including numeral wheels, sight openings through which said numerals may be viewed and devices for transferring a carry from lower to higher denominational orders of accumulator registering mechanisms; means for preventing said carry transfer devices from effecting said carry transfer in selected orders, and means actuated by said preventing means for concealing the numeral wheels of said selected orders from view.

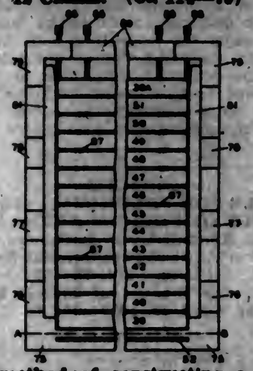
2,104,052
APPARATUS FOR MAKING SATURATED, SIZED, FILLED, OR COATED PAPER OR FIBREBOARD
Isador J. Novak, Bridgeport, Conn., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn., a corporation of New Jersey
Application July 19, 1933, Serial No. 681,056
4 Claims. (Cl. 92—40)

1. The combination with a paper forming machine having means for felting aqueous fibrous pulp into the form of a continuous wet web, of a vat containing a bulk supply of selected permeating medium in liquid condition, a hollow roll having a foraminated surface rotatably positioned in said vat, means, separate from and independent of the web felting means, for passing said continuous wet web into contact with said permeating medium, comprising, an endless foraminated conveyor for confining the wet web between its surface and the foraminated surface of the roll to prevent disintegration of the web during its pas-



sage in contact with said permeating medium, means for condensing said web to remove excess liquid and means for removing said condensed web from the conveyor.

2,104,053
WELDED HULL CONSTRUCTION
John H. Odenbach and John Cattanach, Rochester, N. Y., assignors, by direct and mesne assignments, to Dolomite Marine Corporation, Rochester, N. Y., a corporation of New York
Application October 28, 1935, Serial No. 47,006
12 Claims. (Cl. 114—79)



7. The method of constructing a transverse section of a hull of a ship which comprises the steps of pre-forming structural members to conform to the periphery of said hull and of a length to extend around the hull from gunwale to gunwale; entering said members individually at one end of a jig; forcing each member into alignment with the previously entered member in the jig; tackwelding the joint between each member and its adjacent member in said jig, while said members are aligned within said jig; and attaching bulkheads adjacent to the end members in said jig, whereby a transverse section of said hull is fabricated.

2,104,054
BACTERIA-YEAST PROCESS OF BREAD MANUFACTURE
William L. Owen, Baton Rouge, La., assignor to The Lummus Company, New York, N. Y., a corporation of Delaware
No Drawing. Application November 23, 1934
Serial No. 754,497
4 Claims. (Cl. 99—90)

1. A bacteria-yeast process of bread manufacture comprising, continuously propagating a yeast culture which retains its leavening and reproducing powers through repeated cycling, simultaneously acclimatizing the yeast culture to a menstruum similar in composition to the composition of the dough in which it is to be employed,

isolating a culture of mesophilic bacteria of the *Clostridium butyricum* type in a cereal infusion under semi-anaerobic conditions, isolating a thermophilic gas producing bacteria incubated at temperatures near 130° F. in a sugar solution, mixing the yeast culture and the bacterial cultures at a temperature in excess of 100° F. and thereby causing the yeast to stimulate the bacterial cultures in an alleocatalytic effect, combining the mixed leavening agent with flour and other bread constitutents at a temperature above 100° F. to form a dough, proofing the dough at a temperature above 100° F. and baking the dough.

2,104,055
ABRADING APPARATUS
Louis D. Felk, Mishawaka, Ind., assignor to The American Foundry Equipment Company, Mishawaka, Ind., a corporation of Delaware
Application August 25, 1932, Serial No. 630,262
2 Claims. (Cl. 51—9)



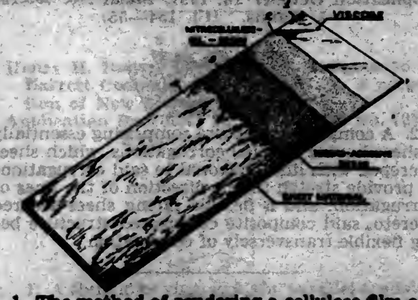
1. In a metal cleaning and tumbling apparatus, in combination, side walls, an endless conveyor belt adapted to describe an arc of a cylinder in its line of travel, said arc forming a chamber with said side walls, means for driving said belt and an abrasive throwing wheel above the chamber formed by said belt and side walls, said wheel being rotated in a plane transverse of the direction of motion of said belt, whereby abrasive will be distributed over the entire width of said belt from one of the side walls to the other.

2,104,056
LUBRICATED, SPLIT RING, STOPCOCK
Frank J. Schweitzer, Brea, Calif., assignor of one-half to William D. Shaffer, Brea, Calif.
Application September 23, 1936, Serial No. 102,197
11 Claims. (Cl. 251—102)



1. A stop-cock having a shell with a bore and ports leading therefrom, an expansive, helically split closure ring seated in the bore and having ports registerable with the shell ports, and operative means engageable with the split ring whereby to move either of diagonally opposite corners of the split side into engagement with, and slide it on, the opposite split surface to effect a contractive release of the ring from its seat in the bore.

2,104,057
METHOD OF APPLYING FILMS MADE FROM VISCOSE TO PAPER AND THE LIKE
Clyde Scott, Newark, N. J.
Application April 14, 1933, Serial No. 666,212
29 Claims. (Cl. 154—40)

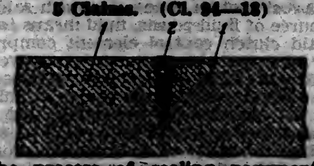


1. The method of rendering a cellulose film adherent which consists in coating the film with a lacquer solution of nitro-cellulose and linseed oil, drying said coating and then applying a coating of resinous material, said resinous material having the property of becoming adherent under the influence of heat.

2,104,058
ETHERS OF MORPHINE AND DIHYDROMORPHINE AND THEIR RESPECTIVE N-OXIDES
Lyndon Frederick Small, Charlottesville, Va., assignor to The Government of the United States, represented by the Secretary of the Treasury
No Drawing. Application October 24, 1936, Serial No. 107,468
7 Claims. (Cl. 260—25)
(Granted under the act of March 2, 1883, as amended April 30, 1928; 370 O. G. 757)

7. A dihydromorphine derivative in which the hydrogen atom of the phenolic hydroxyl group of dihydromorphine has been replaced by a protective group easily split therefrom when desired, said protective group being selected from the class consisting of methoxymethyl and benzyl radicals and their analogs, as well as the salts of such derivative.

2,104,059
METHOD OF SEALING EXPANSION JOINTS
Walter O. Snelling, Allentown, Pa.
Application June 28, 1934, Serial No. 732,745
5 Claims. (Cl. 94—18)



1. The process of sealing pavement joints which comprises filling a homogeneous material selected from the group of vulcanizable but substantially unvulcanized products and polymerizable but incompletely polymerized products into

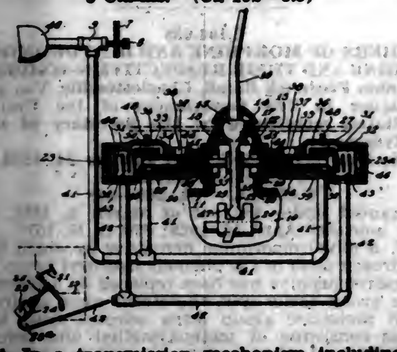
the open space defining such joint and thereafter heating the surface portion of such material to harden it and render it non-plastic without similarly heating the material filling the lower portion of such joint.

2,104,059
CORRUGATED STRUCTURE
Allen L. Spafford, Clequet, Minn., assignor to Wood Conversion Company, Clequet, Minn., a corporation of Delaware
Application October 16, 1931, Serial No. 569,198
5 Claims. (Cl. 154—55)



2. A composite structure comprising essentially a sheet having parallel corrugations, which sheet is creped with lines diagonal to said corrugations to provide stretch in the direction of the lines of corrugation, and a flexible facing sheet secured thereto, said composite corrugated structure being flexible transversely of corrugation.

2,104,061
TRANSMISSION CONTROL MECHANISM
Charles J. Surdy, Tuckahoe, N. Y., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa., a corporation of Delaware
Application April 5, 1935, Serial No. 14,929
5 Claims. (Cl. 192—3.5)



1. In a transmission mechanism including a clutch control element and a casing adapted to house a plurality of gear trains, the combination including means arranged to selectively actuate such gear trains to operative positions, such means comprising a shiftable member arranged to engage at least one of said gear trains and an actuator for shifting said member, said actuator having a lost motion connection with said member, a source of fluid power, fluid means for actuating said clutch control element comprising a cylinder having a piston therein operatively connected to said clutch control element, means providing a passage between the source of fluid power and the cylinder for operating said piston, and a valve device interposed in said passage for controlling the flow of fluid power from said source to said cylinder, said valve device including an element in contacting relation with said actuator and resilient means tending to move said valve device to a position for interrupting communication between the source of fluid power and said cylinder, said actuator being arranged, upon initial actuation thereof in the course of its gear train selecting movement but prior to movement of said shiftable member by said actuator, to move said valve device against the tension of said resilient means for establishing communication between the source of fluid power and the cylinder.

2,104,062
SURFACING MACHINE
John C. Temple, New York, N. Y.
Application October 28, 1935, Serial No. 46,995
10 Claims. (Cl. 29—81)



1. A surfacing machine for use upon metallic surfaces comprising in combination, a chassis, a magnetic traction roller mounted on said chassis, said traction roller including two roller sections, means for simultaneously magnetizing both of said roller sections, means for releasably clutching said roller sections together to turn as a unit or to cause a differential turning movement between said roller sections, rotatable surfacing means on said chassis, and motor driven means for simultaneously rotating one of said magnetized roller sections and said rotatable surfacing means.

2,104,063
BIFOCAL SPECTACLE BRIDGE
Frederic Whitney, Los Angeles, Calif.
Application May 18, 1935, Serial No. 22,245
7 Claims. (Cl. 88—40)



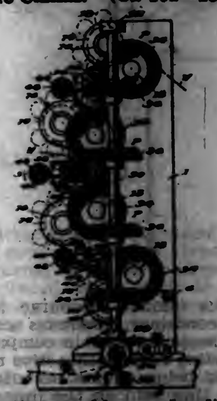
1. In a spectacle, a pair of bifocal lenses, a bridge fixedly secured adjacent its ends to the nasal sides of said lenses, an auxiliary bridge having depending legs, superposed combined couplers and guideways on each nasal side of a lens adjacent each of the respective ends of said first mentioned bridge substantially encircling and slidably retaining the respective legs of said auxiliary bridge, relative to the nasal sides of the lenses, and nose pads mounted on said auxiliary bridge for sliding movement therewith.

2,104,064
SENSITIZING OF SILVER-HALIDE EMULSIONS
Walter Zeh, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application October 10, 1933, Serial No. 667,121
In Germany July 22, 1931
7 Claims. (Cl. 95—7)

5. A photographic material comprising a silver-halide emulsion containing a sensitizing material

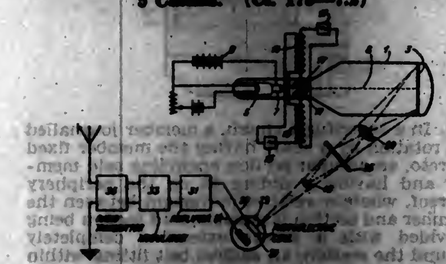
which comprises a pentamethinecyanine, the pentamethenyl chain of which is substituted by an alkyl radical.

2,104,065
MULTICOLOR PRESS ARRANGEMENT
Adolph M. Ruckgaber, New York, N. Y., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Application July 16, 1934, Serial No. 735,458
15 Claims. (Cl. 101—181)



1. In a printing machine, a plurality of printing couples constructed and arranged to print successively on the same side of a web, a drive shaft common to the printing couples, a driven gear operably secured to a similar component of each printing couple, and aligned drive gears carried by the drive shaft and each drive gear meshing with the driven gear of each printing couple, the driven gears being positioned at opposed sides of the drive shaft and the drive gears positioned axially beyond the driven gears and disposed perpendicularly thereto.

2,104,066
TELEVISION SYSTEM
Vladimir K. Zworykin, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application August 5, 1933, Serial No. 684,566
5 Claims. (Cl. 178—7.2)



1. In television scanning systems, an electron tube having a fluorescent screen, means for producing over substantially the entire area of the screen a series of like intensity light spots each of a predetermined elemental area and traversing the screen according to a predetermined scanning pattern, a subject of which the image is to be transmitted positioned adjacent the tube and upon the side of the screen adjacent the light generating means, an adjustable optical system for directing the light spot intensities having a predetermined ratio to the area of the original spot to coordinated areas of the subject to test the elemental area light values thereof, a light translating element, and adjustable optical means for focusing light of intensity varying with the variations in intensity of light and shadow on elemental areas of the subject tested upon the light sensitive element.

2,104,067
SHINGLE
Henry H. Bailey, Riverside, Ill., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey
Application December 22, 1933, Serial No. 703,525
5 Claims. (Cl. 189—7)



1. A shingle having straight parallel transverse edges and parallel angular shaped forward and rear edges, the width of said shingle being approximately equal to its length, said shingle having a slit extending inward from one transverse edge thereof, said slit beginning at a point on the transverse edge in line with the remote side of the forward edge.

2,104,068
QUATERNARY AMMONIUM SALTS OF MERCAPTO-ARYLENETHIAZOLES
William Baird, Blackley, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application March 15, 1934, Serial No. 715,780. In Great Britain March 15, 1933
7 Claims. (Cl. 260—44)

1. Benzyltrimethylammonium 1-benzothiazyl sulphide.

2,104,069
PROCESS FOR TREATMENT OF SOLUTIONS OF CHLORINATED RUBBER
John Philip Baxter, Widnes, Terrance Neil Montgomery, Lancaster, and Joseph Grange Moore, Runcorn, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application December 23, 1935, Serial No. 55,988. In Great Britain December 27, 1934
6 Claims. (Cl. 134—17)

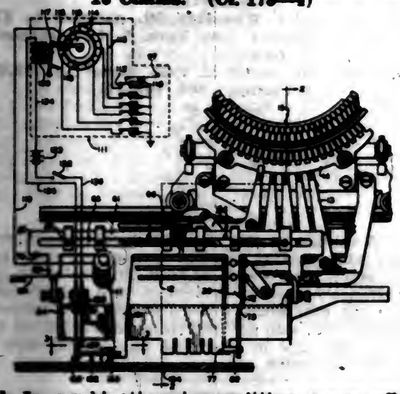
1. Process for the treatment of chlorinated rubber solutions for the purpose of reducing their viscosity which comprises subjecting them to a violent mechanical treatment producing shearing stresses within the solution.

2,104,070
STABILIZATION OF ANIMAL AND VEGETABLE FATS AND OILS
Hamilton Bradshaw, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 6, 1935, Serial No. 48,497
19 Claims. (Cl. 87—12)

1. Animal and vegetable fats and oils normally tending to become rancid having incorporated

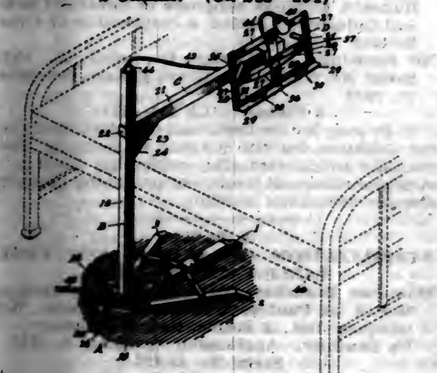
therein, in an amount sufficient to inhibit rancidity development, a phenol having at least one alkoxy group in at least one of the positions ortho and para to a phenolic hydroxyl group and at least one carboxyl group directly bonded to a carbon of the aromatic ring, said phenol consisting of carbon, hydrogen and oxygen.

2,104,071
PRINTING TELEGRAPH APPARATUS
Charles W. Burcky, Chicago, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Application May 25, 1936, Serial No. 81,580
16 Claims. (Cl. 178—4)



1. In combination, transmitting means effective under the control of a signal storing medium, a distributor having a normal rest position, a recorder responsive to signaling conditions from said transmitting means, tabulating mechanism, and means in said recorder controlled by said tabulating mechanism for controlling the arrest of said distributor in its normal rest position.

2,104,072
COLLAPSIBLE UNIVERSAL BOOK SUPPORT
Sidney Lee Carr, Palo Alto, Calif., assignor of one-half to Julia Larsen, San Francisco, Calif.
Application December 2, 1935, Serial No. 52,533
2 Claims. (Cl. 248—194)



2. In a device of the type described, a base, a supporting member hinged to the base, an upright rotatably supported by the member, and means for securing the member to the base and for limiting the rotative movement of the upright with respect to the member.

2,104,073
GASEOUS ELECTRIC DISCHARGE DEVICE
Mari J. Druyvesteyn and Nicolaas Warmoltz, Eindhoven, Netherlands, assignors to General Electric Company, a corporation of New York
Application July 28, 1936, Serial No. 93,113
In Germany August 6, 1935
4 Claims. (Cl. 176—122)



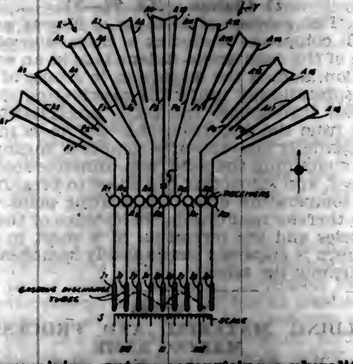
1. A gaseous electric discharge lamp device comprising a container, electrodes sealed therein, a gaseous atmosphere therein comprising a discharge supporting chemically active metal vapor, said container being subject to attack by said vapor, and a thin skin on the inner surface of said container to protect said container from the deleterious effects of the metal vapor discharge, said skin consisting of the oxide of that metal the vapor of which constitutes part of the gaseous atmosphere of the device.

2,104,074
AUTOMATIC CLUTCH FOR MULTIPLE V-BELT DRIVES
Fred R. Erbach, Beloit, Wis., assignor to General Refrigeration Corporation, Beloit, Wis., a corporation of Delaware
Application June 26, 1935, Serial No. 28,299
8 Claims. (Cl. 74—219)



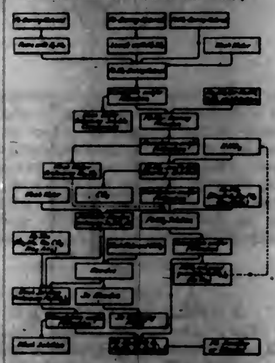
1. In a centrifugal clutch, a member journalled for rotation by a shaft having the member fixed thereto, an annular section encircling said member and having a sliding fit on the periphery thereof, whereby relative movement between the member and section is possible, said section being provided with a groove extending completely around the section, an endless belt fitting within the groove and having operative connection with a source of power for rotating the section, and instrumentalities having rotation with said section and operative when said section attains a definite speed to cause rotary movement of said section to be transmitted to the member.

2,104,075
RADIO DIRECTION FINDER
Charles Samuel Franklin, Feltham, near Mullion, England, assignor to Radio Corporation of America, a corporation of Delaware
Application January 16, 1935, Serial No. 2,044
In Great Britain January 27, 1934
7 Claims. (Cl. 250—11)



1. A receiving system comprising a plurality of directional receiving aerials arranged in pairs, each pair having its axis of maximum directivity response oriented at an angle to such axes of the other pairs, means including luminous discharge tubes arranged in order for indicating different directions from which signals may be received on said aerials, said tubes having the characteristic that a column of light of variable length may be produced therein, operating circuits connecting each pair of said aerials with an appropriate one of said luminous discharge tubes, and a power supply connected to said operating circuits, said circuits being arranged to feed potentials to said discharge tubes proportionately to the amplitudes of the signaling energy collected by said aerials.

2,104,076
LEAD RECOVERY
Frederick F. Frick and John P. Cooper, Anaconda, Mont., assignors to Anaconda Copper Mining Company, New York, N. Y., a corporation of Montana
Application November 5, 1934, Serial No. 751,448
10 Claims. (Cl. 75—99)



1. The method of recovering lead from slime produced in an electrolytic operation and containing tin in the oxide form and lead in the sulphate form, which comprises subjecting the slime to the action of an aqueous solution of sodium carbonate to convert the lead sulphate contained therein to lead carbonate, treating the resulting product to separate the lead carbonate from water soluble substances associated therewith, subjecting the lead carbonate to the action of nitric acid to form a solution of lead nitrate, subjecting the lead nitrate solution to the action of sulphuric acid in an amount less than that required to precipitate all of the lead contained therein as lead sulphate, thereby to form a precipitate of lead sulphate and a solution containing nitric acid and lead nitrate, and utilizing the solution containing nitric acid and lead nitrate for the treatment of additional lead carbonate-bearing material.

2,104,077
AQUEOUS EMULSION OF WATERPROOFING MATERIAL
Edwin O. Groskopf, Rutherford, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y., a corporation of Massachusetts
No Drawing. Application March 9, 1935, Serial No. 10,325
12 Claims. (Cl. 134—1)

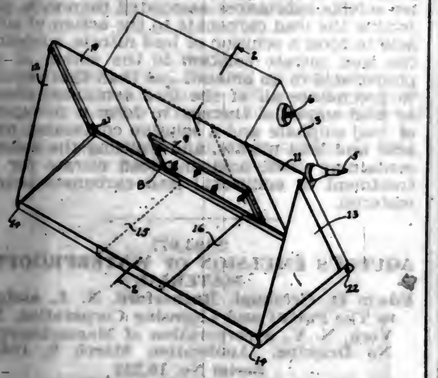
1. An aqueous emulsion comprising waterproofing material dispersed in an aqueous vehicle containing bentonite-like material as emulsifying agent, said emulsion containing a reaction product of the bentonite-like material and an amount of alkaline earth reactant, sufficient to effectively render the bentonite-like material in the water-free film of the emulsion incapable of re-emulsifying the waterproofing material upon long contact with water, said emulsion also containing the reaction product of said reactant and casein in an amount varying from 12.5 to 50% by weight of the bentonite-like material, whereby the emulsion remains indefinitely suspendable and relatively highly bodied.

2,104,078
INTERLOCKING FLEXIBLE SHINGLE
Marston Lovell Hamlin, Lynbrook, N. Y., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey
Application December 9, 1931, Serial No. 579,885
19 Claims. (Cl. 108—7)



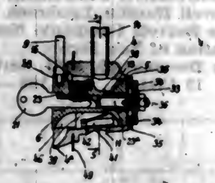
1. A flexible shingle adapted to be laid with other like shingles in overlapping courses, said shingle having in the neighborhood of the opposite lower corners thereof interlocking projections spaced from the sides of said shingle and defined by slits, the projection of one shingle being arranged to lock with the projection of an overlapping shingle in the same course and being so disposed that the forward edges of adjacent shingles occur in substantially the same straight line, the projections being spaced from the side edges a distance such that the interlocking projections of a pair of adjacent interlocked shingles lie approximately midway between the overlapping edges of said adjacent shingles.

2,104,079
FRAUD DETECTOR
Julian Seth Kahn, New York, N. Y.
Application September 29, 1934, Serial No. 746,058
2 Claims. (Cl. 88—14)



1. A fraud detector comprising a casing, an electric light bulb enclosed within said casing, a window in said casing, a piece of optical nickel-cobalt glass in said window, a pair of wing members slidably mounted in said casing, and a pair of base members secured to said wing members and adapted to be opened to form a surface partially enclosed by said wing members on which an object may be placed for inspection.

2,104,080
TAPPING AND REFILL-CONTROLLING DEVICE
Christoph Karageorgieff, Vienna, Austria
Application November 9, 1935, Serial No. 49,107
In Austria March 29, 1934
6 Claims. (Cl. 217—108)



1. A tapping and refill-controlling device for a container of marketable liquid, comprising in combination a tapping cock consisting of a casing and a fitted plug, ports in said casing and said plug adapted to be brought freely into and out of registry by rotation of said plug to permit unrestricted draining and closure of the container by said plug, an outwardly opening check valve interposed in the outflow path of said cock to prevent filling of the container through said plug, disengageable retaining means associated with said plug and casing for normally retaining said plug against withdrawal from said casing, and a lock built into said cock in operative association with said retaining means for permitting the withdrawal of said plug from said casing and the use of the latter as a refill aperture only by the disengagement of said retaining means in dependence on the operation of said lock.

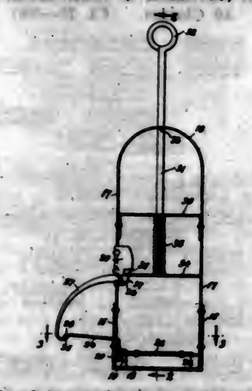
2,104,081
LAMINATED SHEET AND PROCESS OF MAKING SAME
John A. Kenney, Plainfield, N. J., assignor to The Barrett Company, New York, N. Y., a corporation of New Jersey
No Drawing. Application January 20, 1934, Serial No. 707,530
11 Claims. (Cl. 92—21)

11. The process of forming a fibrous product which comprises producing a dispersion of hard resin of the coumarone-indene type in an aqueous solution, adding the dispersion to a pulp of fibers and substantially uniformly distributing the dispersion throughout the pulp, precipitating the resin from the dispersion onto the fibers in solid, substantially non-adhesive condition, forming the pulp containing the solid, non-adhesive resin into a sheet, and subjecting the sheet to pressure and to a temperature above the melting point of the resin thereby resulting in coalescence of the resin particles and the formation of a sheet in which the resin is dispersed substantially homogeneously throughout the same.

2,104,082
BUILDING MATERIAL AND PROCESS OF MAKING SAME
Lester Kirschbraun, New York, N. Y., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y., a corporation of Massachusetts
No Drawing. Continuation of application Serial No. 615,472, June 4, 1932, which is a division of application Serial No. 519,432, March 2, 1931. This application March 27, 1935, Serial No. 13,967
4 Claims. (Cl. 91—68)

1. In the process of producing shingles of the asbestos-Portland cement composition type, the improvement which comprises the steps of applying to a surface of the formed composition a coating layer comprising an aqueous dispersion of bitumen, partially embedding comminuted surfacing material in said layer, and drying the thus coated composition to remove the water of said dispersion layer and thereby bind the said comminuted material to said surface.

2,104,083
TRAP FOR RODENTS
Steve Krahl, Weimar, Tex.
Application February 23, 1937, Serial No. 127,012
2 Claims. (Cl. 43—78)



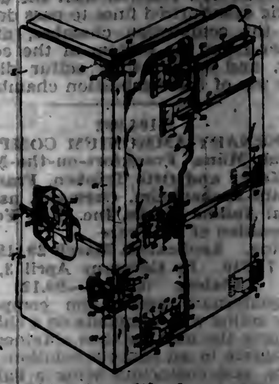
1. An animal trap comprising a base, a raised open frame thereon, a lure carrying platform

hinged at one edge to one of the sides of said frame, an arm on said platform extending outwardly beyond the frame, a lever pivoted to the frame above said platform and having a part engageable with said arm, an upright rod slidable centrally through said frame, means to retain said rod in a raised position, a plate fixed on the lower end of said rod, said plate normally resting on an inreaching projection of said lever, and a spring coiled around said rod to press said plate downwardly.

2,104,084
STABILIZATION OF ANIMAL AND VEGETABLE FATS AND OILS
George H. Latham, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 6, 1935, Serial No. 48,496
10 Claims. (Cl. 87—12)

1. Animal and vegetable fats and oils normally tending to become rancid having incorporated therein, in an amount sufficient to inhibit rancidity development, a phenol having at least one alkoxy group in at least one of the positions ortho and para to a phenolic hydroxyl group and at least one hydroxy aliphatic group in which at least one carbon atom is directly bonded to a carbon atom of the aromatic ring, said phenol consisting of carbon, hydrogen and oxygen.

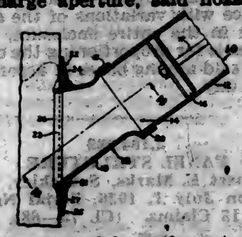
2,104,085
MOUNTING MEANS FOR GLASS VENEER
Ira S. Leland, Milwaukee, Wis.
Application March 4, 1936, Serial No. 2,225
19 Claims. (Cl. 72—24)



1. The combination with glass veneer comprising a plurality of glass sheets arranged substantially edge to edge, of means for mounting said veneer over a supporting structure, and concealed means disposed wholly behind said veneer for securing said mounting means to said structure, said mounting means having a thin projection engaged with and between edges of adjacent sheets to secure the same against displacement.

2,104,086
JOINT FILLING DEVICE
Vance Linse, Pasadena, Calif.
Application April 17, 1937, Serial No. 137,499
12 Claims. (Cl. 72—120)

1. In a joint filler, a cylinder, a discharge nozzle on said cylinder, said nozzle having an elongated discharge aperture, said nozzle having a



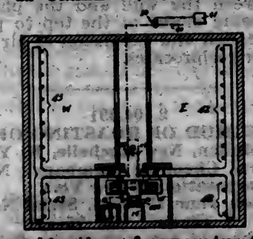
flange thereon spaced from the outer end of the discharge aperture.

2,104,087
AUTOMATIC VOLUME CONTROL
Alfred Aubyn Linsell, Sydenham, London, England, assignor to Radio Corporation of America, a corporation of Delaware
Application September 13, 1934, Serial No. 743,788
7 Claims. (Cl. 250—20)



6. In a superheterodyne receiver of the type including a first detector network having a tunable signal selector circuit, a local oscillator network having a tunable circuit which is adjustable over a frequency range differing from the signal selector circuit range, an automatic volume control arrangement which includes means for deriving from received signal energy a direct current voltage whose magnitude is dependent solely on the signal carrier amplitude, and means responsive to said direct current voltage magnitude, for automatically adjusting the frequency of the tunable oscillator circuit in a sense to reduce the first detector output thereby to decrease the receiver output volume.

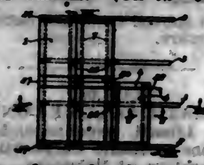
2,104,088
TIME CONTROLLED MEANS FOR DISTRIBUTING AIR
Samuel E. Lyman, Elizabeth, N. J., assignor, by mesne assignments, to Carrier Corporation, Newark, N. J., a corporation of Delaware
Application October 2, 1933, Serial No. 691,957
12 Claims. (Cl. 98—39)



1. In a combination of apparatus for controlling atmospheric conditions within a zoned enclosure, a mixing box for each zone of said enclosure, means for supplying conditioned air to said mixing boxes, means for supplying return air to said mixing boxes, means for supplying air from said mixing boxes to the zones of said enclosure, means for varying the total amount

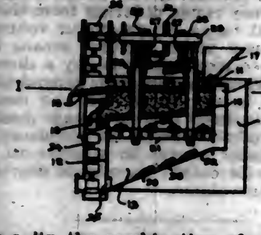
of conditioned air supplied to said mixing boxes in accordance with variations of the average air temperature in the entire enclosure, and clock-operated means for proportioning the conditioned air between said mixing boxes in accordance with the time of day.

2,104,089
PANEL STRUCTURE
Herbert E. Marks, Sewickley, Pa.
Application July 1, 1936, Serial No. 88,370
13 Claims. (Cl. 72—68)



1. A structural panel unit comprising an elongate supporting member and a pair of slabs spaced apart by said member and secured thereto, said member projecting outwardly beyond one of the slabs.

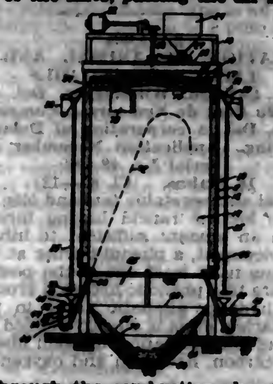
2,104,090
JIG
James A. Montgomery, Birmingham, Ala., assignor of one-half to Howard Moss, Birmingham, Ala.
Application April 24, 1936, Serial No. 76,130
4 Claims. (Cl. 209—457)



1. In a jig, the combination of a screen, a reciprocable plunger for effecting upward pulsations of water through the screen and having valved controlled openings therein, means defining a hutch in which the plunger reciprocates including a wall having valved controlled openings for admitting water to the hutch, and an air compression chamber communicating with the hutch between the wall and the plunger, said chamber being closed at the top to provide for the compression and expansion of air therein as the plunger reciprocates.

2,104,091
METHOD OF ROASTING ORE
Edwin J. Mullen, New Rochelle, N. Y., assignor to General Chemical Company, New York, N. Y., a corporation of New York
Application June 27, 1935, Serial No. 28,599
1 Claim. (Cl. 75—9)

The method of roasting finely divided metal sulfides which comprises introducing sulfide fines at the lower periphery of an elongated unobstructed combustion chamber of height sufficient to permit substantially complete desulfurization of fines while passing from the bottom to the top of said combustion chamber, introducing said fines by means of a stream of gas of such superatmospheric pressure and so directed as to cause said stream of gas to carry the fines upwardly and away from the combustion chamber walls to substantially the top of the combustion chamber and to cause the fines to pass subsequently downwardly through the combustion chamber while out of contact with the walls of said combustion chamber, introducing into the bottom of the combustion chamber a stream of air in quantity to supply oxygen enough to effect roasting of the fines, passing the air stream upwardly through the combustion chamber at velocity less than the initial rate of movement of the fines and not sufficient to substantially interfere with free gravity fall of fines, substantially completely desulfurizing the fines while passing the same to the top of the combustion chamber in co-current flow relation with the air stream, permitting desulfurized fines to pass downwardly through the combustion chamber, discharging the cinder from the bottom of the combustion chamber, and withdrawing sulfur dioxide gas from the top of the combustion chamber.



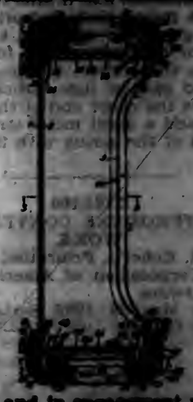
2,104,092
QUATERNARY AMMONIUM COMPOUNDS
Ferdinand Mitsu, Frankfort-on-the-Main, and Karl Keller and Otto Trieschmann, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application March 28, 1936, Serial No. 71,510. In Germany April 3, 1935
3 Claims. (Cl. 260—96.12)

2. A quaternary ammonium compound obtained by acting with ammonia on a chlorhydrine and treating the mixture thus obtained with dimethyl-sulfate in an aqueous solution of sodium carbonate, said compound being a light-colored resin-like substance characterized by the property, on after-treatment therewith of dyeings on cellulose material by means of substantive dyestuffs, of substantially improving the fastness of such dyeings to water, perspiration, boiling acids and washing.

2,104,093
CARRIER FOR PNEUMATIC DISPATCH TUBE APPARATUS
John T. Needham, North Plainfield, N. J., assignor to Lamson General Conveyors, Limited, Montreal, Quebec, Canada, a corporation of Canada
Application September 23, 1935, Serial No. 41,642
18 Claims. (Cl. 243—34)

1. A carrier comprising a pair of tubular shells fitted one within the other and each having an

entrance opening in its side, said shells being relatively rotated to bring said openings into and out of register with each other to open and close the carrier, characterized in that the inner shell has an inwardly extending annular transverse abutment at its inner end, a retaining ring within



the inner shell and in engagement with the said annular flange, and releasable retaining means extending through the outer shell and engaging the retaining ring to hold the two shells against endwise displacement, said releasable retaining means being accessible from the exterior of the carrier.

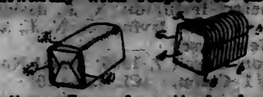
2,104,094
PHOTOGRAPHIC CAMERA
Hubert Nerwin, Dresden-Blasewitz, Germany, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany
Application July 30, 1936, Serial No. 93,267
In Germany June 8, 1935
11 Claims. (Cl. 95—11)



1. In a rollfilm camera, a camera casing provided with an aperture adapted to receive a lens system, a shutter with means for tensioning the same, means for conveying the film past said aperture, means for releasing said shutter, and means arranged coaxially with respect to said aperture and rotatable about the center point of the same for simultaneously operating said shutter tensioning means and said film conveying means, said operating means being provided with a manually operable projection terminating adjacent said shutter release means.

2,104,095
BAKED LOAF FRACTION PACKAGE AND PACKAGING
Gustav C. Papendick, Kansas City, Mo.
Application December 12, 1936, Serial No. 115,455
2 Claims. (Cl. 99—171)

1. That method of packaging a sliced baked loaf of bread which comprises progressing the sliced loaf over a conveyor table between a plurality of spaced partitions whereby to sub-divide the loaf into a plurality of fractional loaf-sections each having a soft crustless end-face, disposing a flanged end-wall member flatwise against the partition with its flange portion projecting outwardly with respect to the partition



and with its unflanged vertical edge presented toward the progressing loaf section, progressing the loaf section over the unflanged edge of the end-wall member into flatwise end-protecting registration therewith and in contact along a marginal portion of a side-face with the flange-portion of the end-wall member, and further progressing the end-protected loaf section as a unit for wrapping operations.

2,104,096
FURNACE
William F. Paradise, Auburn, Nebr.
Application October 6, 1936, Serial No. 104,277
1 Claim. (Cl. 126—99)



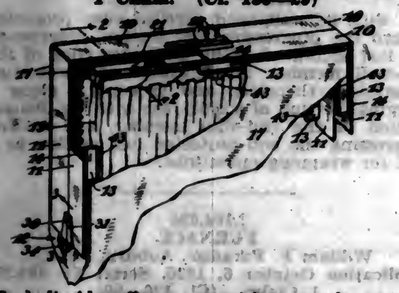
In a furnace, the combination of an inner and outer shell having parallel longitudinally-extending side walls, said shells being spaced apart to form an air chamber therebetween, a grate in the inner shell, a fuel spreader within the inner shell, said spreader being spaced above said grate and from the longitudinal walls of the inner shell, an opening in the inner shell above the spreader through which fuel is placed on the spreader or permitted to fall therefrom to the grate, the longitudinal side walls of said inner shell having their top portions inwardly curved, longitudinal baffle members overlying said spreader and integral with said top portions, said members being spaced apart and forming downward continuations of the curved top portions whereby to direct downwardly towards the fuel on said spreader the hot gases arising between the spreader and side walls, and a flue outlet between the baffle members at the top of the inner shell.

2,104,097
LUBRICATING OILS
Mathias Pier, Heidelberg, and Willy Hirschberger and Heinz Lemme, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application March 28, 1935, Serial No. 12,478. In Germany March 29, 1934
4 Claims. (Cl. 196—151)

1. A lubricant comprising a major proportion of a lubricating oil and a minor proportion of a

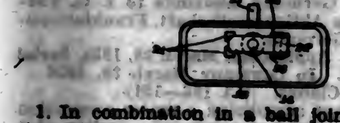
residue which is solid at ordinary room temperature and which is derived by vacuum distillation from a deasphalted destructive hydrogenation product of a coaly material.

2,104,098
HANDBAG FRAME
Edward Foster, Irvington, N. J., assignor to E. Foster & Co. Inc., Irvington, N. J., a corporation of New Jersey
Application March 7, 1936, Serial No. 67,618
1 Claim. (Cl. 150—29)



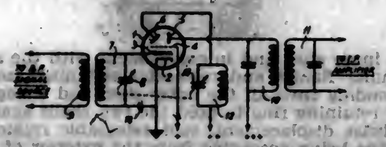
In ladies' handbags comprising complementary frame sections and flexible bag material held thereby forming substantially parallel walls from the frame sections to the bottom of the bag, the combination of flat plates of inverted U-shape, said flat plates being the same in width, length, and thickness, the inward edges of which abut each other forming an unbroken exterior surface save for the butt joint therebetween, said flat plates forming the body members of the frames of the aforesaid complementary frame sections, means on the upper exterior surfaces of said plates at the abutting edges thereof for locking said plates together, members one for each plate having a slot engaged by such member, a pivotal connection for said slotted members below both of said plates, a bag material retaining member extending along the length of each of said flat plates at the interior surface and the exterior edges thereof, said retaining members having an open space facing laterally outwardly from the outer edges of the flat plates, the bag material extending therefrom downwardly and inwardly of the outer edges of said flat plates substantially parallel therewith, said retaining members being disposed apart from each other at the interior of the flat plates, and providing a space below the flat plates to enable a cigarette and a vanity case to be positioned within the bag immediately below the bag retaining members and extending within said space without bulging the flexible sides of the bag when the bag is closed.

2,104,099
BALL JOINT FOR A REAR VIEW MIRROR
Lucien G. Pence, Follansbee, W. Va., assignor to Liberty Mirror Works, a corporation of Pennsylvania
Application November 11, 1936, Serial No. 110,348
Renewed November 26, 1937
4 Claims. (Cl. 287—21)



1. In combination in a ball joint for a rear view mirror, a sheet metal plate having a perforation therethrough surrounded on one side of the plate with a ball seat, a ball stud extending through the perforation and comprising a stem with a ball at its inner end which engages the seat, a leaf spring forward of the ball for applying pressure thereon, and means for securing the spring to the metal plate comprising a pair of triangular lugs struck up from the metal plate at one end of the spring and forming pockets which receive the corners of the spring at such end, a second pair of lugs struck up from the metal plate at the other end of the spring forming pockets, and a sheet metal strap lying above such last end of the spring with its ends in such last pockets.

2,104,100
SUPERHETERODYNE CONVERTER NETWORK
Walter van B. Roberts, Princeton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 29, 1936, Serial No. 82,511
2 Claims. (Cl. 250—20)



1. In a superheterodyne converter network, an electron discharge tube provided with at least a cathode, a signal input electrode, an output electrode and an auxiliary electrode, means for maintaining the output electrode at a more positive potential than the auxiliary electrode, and both said auxiliary and output electrodes being at a positive potential with respect to the input electrode and cathode, said auxiliary electrode being geometrically arranged with respect to the control electrode and output electrode in such a manner that secondary electrons are emitted from the auxiliary electrode, said geometric arrangement being such as substantially to oppose the flow of electrons from the cathode direct to the output electrode whereby the output electrode current consists chiefly of secondary electrons from the auxiliary electrode, a signal input circuit connected between the cathode and control grid, a local oscillator circuit connected to the auxiliary electrode, and an intermediate frequency output circuit connected to the output electrode.

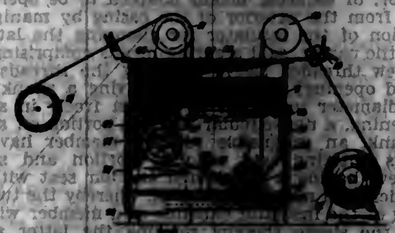
2,104,101
JOINTED COUPLING
Kurt Rosenbaum, Rheinhausen/Lower Rhine, Germany, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany
Application June 26, 1937, Serial No. 150,421
In Germany July 2, 1936
4 Claims. (Cl. 64—16)

1. A coupling of the class described comprising a shell rigid to one of the parts to be coupled, a journal on the other part to be coupled, a link member immediately lodged in said shell and having a pressure-transmitting surface, a companion surface in said shell co-operable therewith, another link member immediately lodged in said first-named link member and having said journal rigid to it and having a pressure-transmitting surface, a companion surface in said first-named link member co-operable therewith, the axes of rotation of said two link members extending normally to one another, said pressure-transmitting surfaces being cylin-



drically curved about the axis of rotation of the respective link member.

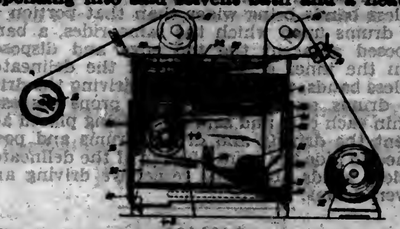
2,104,102
METHOD FOR DEGREASING
Frederick Francis Ruthven, Toronto, Ontario, Canada, assignor, by mesne assignments, to Aluminium Laboratories Limited, Montreal, Quebec, Canada, a corporation of Canada
Application May 4, 1935, Serial No. 19,869
5 Claims. (Cl. 87—6)



1. In the method of removing oily or greasy material from articles, the steps comprising subjecting an article to be degreased to the action of a liquid solvent bath, passing the article from the liquid solvent bath into a vapor bath of said liquid solvent, heating the article to a temperature above the temperature of said vapor bath while the article is within said vapor bath, and removing the article from the vapor bath before the temperature of the article drops down to the temperature of the vapor bath.

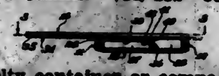
2,104,103
DEGREASING APPARATUS
Frederick Francis Ruthven, Toronto, Ontario, Canada, assignor, by mesne assignments, to Aluminium Laboratories Limited, Montreal, Quebec, Canada, a corporation of Canada
Original application May 4, 1935, Serial No. 19,869. Divided and this application October 8, 1935, Serial No. 44,675
9 Claims. (Cl. 87—6)

1. Degreasing apparatus of the class described, comprising a container for solvent, means for continuously vaporizing and condensing solvent contained in the bottom of said container, a solvent bath removed from the solvent in the bottom of said container and containing condensed solvent, cooling surfaces on the upper portion of said container for condensing solvent vapor, means for conducting condensed vapor to said solvent bath, and means for guiding sheet material into and out of said container and through said solvent bath, said means including a roller depending into said solvent bath and a heating



roller in the vapor atmosphere above the solvent contained in the bottom of said container.

2,104,104
COMPACT OR THE LIKE
Theodore Schlegall, New York, N. Y.
Application May 22, 1935, Serial No. 22,703
2 Claims. (Cl. 132—33)



1. A novelty container or compact of a depth and width fitting comfortably in the hands of a user and capable of being spanned by the thumb and fingers of one hand, comprising in combination, a primary shallow receptacle and a cover member, guiding means on said container for slidingly mounting said cover member and operable for sliding by the relative movement of the thumb to the fingers when the container is held by the fingers, a partition within said container, a hingeable closure serving as a mirror connected with said partition member, spring means for urging said closure to the open position, said closure lying in the path of movement of said cover member to urge said closure member to the covering position upon movement of said cover member towards the aligned position of said cover member and receptacle, and frictional latching means in the path of movement of said cover member operable by the positive relative sliding movement of the cover member and receptacle for maintaining said cover member and receptacle in aligned position against accidental displacement.

2,104,105
ADVERTISING SIGN
Frank E. Schmidt, Tigard, Oreg.
Application December 11, 1936, Serial No. 115,292
5 Claims. (Cl. 40—32)



1. In a device of the class described, the combination of a case, a sub-frame disposed within the case with one end of the sub-frame being adjustable relative to the case, pairs of driving and driven drums disposed within the case, bearings for each end of the respective driving and driven drums, with the bearings for one end of the respective drums being adapted for being placed into and out of registry with the bearing end of the respective drums, delineated endless

bands trained about the respective pairs of driving and driven drums, with the said delineated endless bands being wider than that portion of the drums upon which the same rides, a band disposed adjacent the top edge and disposed upon the inner side of each of the delineated endless bands, power means for driving the driving drums and a plurality of props disposed within each case and said props being placed adjacent the driving and driven drums and positioned to hide the point of wrap of the delineated endless bands about the respective driving and driven drums.

2,104,106
FRICTION CLUTCH PLATE
Benjamin A. Swennes, Rockford, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application September 12, 1936, Serial No. 100,508
6 Claims. (Cl. 192—68)



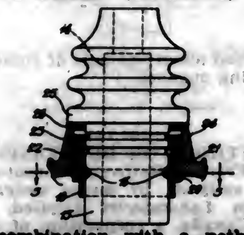
1. A friction clutch plate comprising, a hub member, a metal disk having friction facings fixed upon its peripheral portion, a resilient cushion interposed between overlapping portions of said hub member and said disk and bonded permanently thereto whereby to establish a shear drive connection between the disk and hub, and means associated with the hub and the disk and responsive to relative rotational movement therebetween to place said cushion under compression thereby to increase the pressure between the cushion and the hub member and disk at the bonded interfaces thereof.

2,104,107
AUTOMATIC GAIN CONTROL
Adrianus Johannes Heinz van der Ven, Eindhoven, Netherlands, assignor to Radio Corporation of America, a corporation of Delaware
Application February 18, 1931, Serial No. 516,539
In the Netherlands April 15, 1930
7 Claims. (Cl. 250—20)



4. In a signalling system including an amplifier having a vacuum tube provided with a control grid, and operating to amplify signals at frequencies above audibility, and a grid-leak detector, the method of controlling the degree of amplification in said amplifier which comprises utilizing current flowing through said grid-leak to vary the bias on the control grid of said amplifier.

2,104,108
POTHEAD FITTING
John R. Webb, Dobbs Ferry, N. Y., assignor to Anaconda Wire & Cable Company, New York, N. Y., a corporation of Delaware
Application July 14, 1936, Serial No. 90,475
4 Claims. (Cl. 247—6)



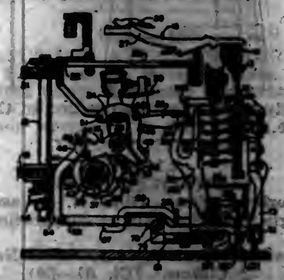
1. The combination with a pothead casing having a screw threaded opening and an insulator, of securing means adapted to be operated from the exterior of the casing by manipulation of the insulator for clamping the latter to the casing, said securing means comprising a screw threaded sleeve engaging the threads of said opening, said insulator having a shank of a diameter to permit it to turn freely in said opening, a non-circular notched portion on said shank, an expansible resilient member having lugs entering said notched portion and said sleeve having a shouldered annular seat within which said member is seated, whereby the turning of the insulator expands said member within the sleeve thereby rotating the latter and screwing it along said threaded opening, thus clamping the insulator against the casing or retracting it depending upon the direction of rotation.

2,104,109
APPARATUS FOR FACSIMILE RECORDING
Charles J. Young, Haverford, Pa., assignor to Radio Corporation of America, a corporation of Delaware
Application July 17, 1934, Serial No. 735,655
2 Claims. (Cl. 178—14)



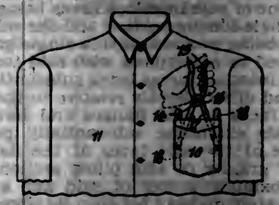
1. In facsimile recording apparatus, a rotatable member provided with a helical edge extending around its axis of rotation through an angle of the order of 900 degrees, an element provided with a substantially straight edge and supported with said straight edge substantially parallel to the axis of rotation of said member and for movement toward and away from said spiral edge, means for feeding a record strip through said apparatus and between said edges in a direction perpendicular to the axis of rotation of said member, means for rotating said member, and means for imparting operating movement to said element in accordance with incoming picture signals to produce at all times one complete record and a partial additional record of said signals.

2,104,110
PRINTING TELEGRAPH APPARATUS
Raymond E. Zenner, Brookfield, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Application May 25, 1936, Serial No. 81,543
13 Claims. (Cl. 178—4)



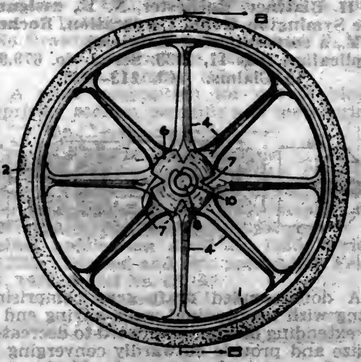
1. In combination, a recorder responsive to signaling conditions, a transmitting apparatus comprising a tape transmitter, a distributor having a normal rest position, a set of tape controlled contacts normally effective to control the operation of said recorder, another set of tape controlled contacts effective in response to a predetermined signal record in the tape to control the arrest of said distributor in its normal rest position, and means in said recorder effective under certain operating conditions for restarting said start-stop distributor.

2,104,111
POCKET SHAPER
Arthur J. Barnett, Buffalo, N. Y.
Application September 26, 1935, Serial No. 42,291
1 Claim. (Cl. 223—61)



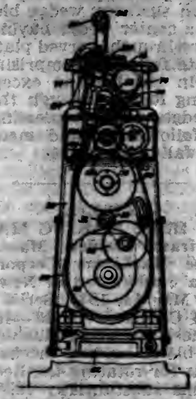
A pocket shaper of the character described, comprising a pair of flat levers disposed side by side in the same plane in opposing edgewise relation and pivotally connected intermediate their ends and terminating at their upper ends in handles, said levers having hub-plates thereon, one plate projecting from one face of its companion lever and the other plate projecting from the opposite face of its lever, whereby the plates are disposed in axially-spaced relation with the free face of one plate constituting a facial bearing for the contiguous side of the other lever, a pivot pin engaging said hub-plates, a spring coiled about said pin and housed between said hub-plates and having its ends in bearing contact with the respective levers, and pocket-engaging elements pivotally connected to the lower ends of said levers to swing transversely thereof.

2,104,112
VEHICLE WHEEL
Arthur Charles Barratt, York Township, York County, Ontario, Canada
Application May 24, 1935, Serial No. 23,273
In Canada May 28, 1934
1 Claim. (Cl. 301—64)



In a spoked wheel, independent pairs of diametrically opposed spokes, the diametrically opposed spokes of each pair being of substantially V-shaped cross-section and including a joining central cup-shaped boss, the respective pairs of spokes being disposed at an angle to each other with the boss of the underlying pair of spokes nesting into the boss of the overlying pair of spokes, and the boss of the overlying pair of spokes having opposed V-shaped indentures extending radially inward from its periphery and adapted to straddle the spokes of the underlying pair.

2,104,113
SHOE SOLE FITTING MACHINE
Lewis J. Bamoni, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application October 18, 1935, Serial No. 45,638
16 Claims. (Cl. 12—17)



1. A machine for roughing the margins of unattached shoe soles, comprising, in combination,

a work support having a sole engaging surface, a sole roughing cutter constructed and arranged to operate upon a face of the sole, said cutter being disposed at an acute angle to said surface of the work support, and a cutter mounting which is angularly variable with respect to the work support to permit the angular relation between the cutter and said surface to be changed.

2,104,114
DRAFT RIGGING
Emil H. Blattner, Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Application July 11, 1933, Serial No. 679,951
15 Claims. (Cl. 213—26)

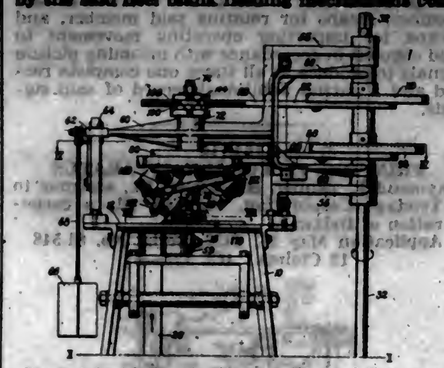


1. A double-ended draft gear comprising a housing with longitudinal walls having end portions extending diagonally inward to decrease the end size and provide outwardly converging friction surfaces at both ends, wedge blocks at each end of the housing with outer faces frictionally engaging said surfaces and also provided with surfaces inwardly converging with respect to one another, a spreader wedge at each end of the housing acting between said blocks and having corresponding friction faces engaging said inwardly converging friction faces on the blocks, a set of nested plate springs adjacent each end of the housing, concavely curved toward and supported by portions adjacent the center thereof, and an intermediate follower disposed between each set of springs and the adjacent wedge blocks with its inner surface concave about radii larger than the normal curvature of said springs and engaging the convex outer surface of the outer one of said springs, and its outer surface frictionally engaged by the inner surface of said wedge blocks.

13. The method of assembling the elements of a friction draft gear involving a housing with a restricted outer opening providing outwardly converging friction surfaces, wedge blocks engaging said surfaces, a center wedge having an aperture extending therethrough, curved plate springs and an intermediate follower, comprising positioning of the parts in the housing except the center wedge, inserting means through the aperture in the center wedge, and compressing the springs through the follower by said means until said center wedge falls into place.

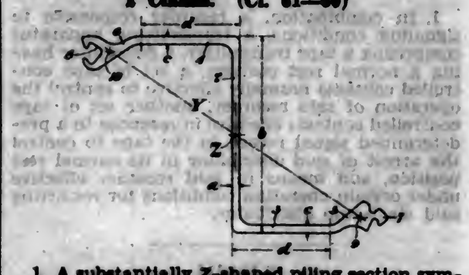
2,104,115
WOOD HEEL MAKING MACHINE
Hugo A. Bertram, Malden, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application May 14, 1931, Serial No. 537,371
21 Claims. (Cl. 12—46)

1. A wood heel concaving machine having two opposite heel blank holding mechanisms, a cutter, and means for rotating the heel blank holding mechanisms substantially 180° during each operative cycle of the machine about an axis perpendicular to the attaching face of a heel blank in one of said holding mechanisms, whereby the said heel blank holding mechanisms come



alternately to the starting position of the operative cycle.

2,104,116
PILING SECTION
Adolf Berberé, Short Hills, N. J., assignor to Carnegie Steel Company, a corporation of New Jersey
Application March 2, 1935, Serial No. 9,695
2 Claims. (Cl. 61—66)



1. A substantially Z-shaped piling section symmetrical about its central axis and comprising a web, a flange extending angularly from each of the edges of said web, and an interlock area extending from the outward edge of each of said flanges, one of said interlock areas being provided with a single tongue portion and the other interlock area being provided with a single groove portion shaped to correspond with said tongue portion, said interlock areas being substantially equal in size and offset slightly relative to the plane of the side faces of said flanges and having their major axis extending substantially parallel to the plane of the side faces of the flanges, the center of gravity of said piling section being at the approximate center of said web at a point approximately midway between its edges, and the center of gravity of said interlock areas being substantially equi-distant from their center lines of interlock and from the outside faces of the flanges from which they extend.

2,104,117
GUIDE DEVICE
Stevenson Findlater, McKeesport, Pa., assignor to National Tube Company, a corporation of New Jersey
Application September 12, 1936, Serial No. 100,536
2 Claims. (Cl. 90—51)

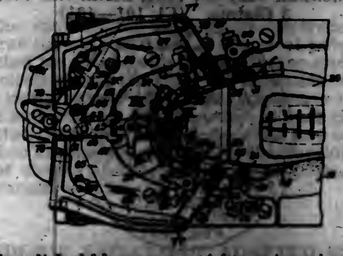
1. A guide for metal working mills comprising at least one rotatable element having its axis

at an angle of approximately 45 degrees with respect to the pass line of said mill, said rotatable element having a plurality of different sized guide troughs on its periphery, and disposed at



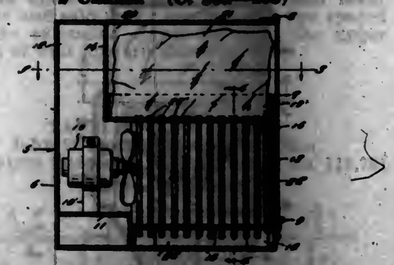
an angle of approximately 45 degrees with respect to the axis of said rotatable element, each of said guide troughs being capable of movement into longitudinal alignment with the pass-line of said mill.

2,104,118
APPARATUS FOR ATTACHING SHOE SOLES
Charles F. Blanchard, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application November 16, 1935, Serial No. 50,174
7 Claims. (Cl. 12—33)



1. A welt holddown comprising a toe piece having a shoe engaging face disposed transversely of the holddown, transversely movable side members having their forward extremities abutting the shoe engaging face of the toe piece, and means for guiding the forward extremities of the side members for transverse adjustment relatively to the toe piece along said shoe engaging face of the toe piece.

2,104,119
AIR COOLER
Augustus D. Farnham, Pueblo, Colo.
Application April 24, 1936, Serial No. 76,226
2 Claims. (Cl. 261—128)

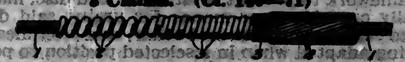


1. In an automobile, in combination with the cowl thereof and a ventilator formed therein, an air cooler positioned below said cowl, said air cooler comprising a casing having an outlet opening in the wall thereof, a storage compartment formed within said casing, a fluid cooling medium enclosed by said compartment, absorbing means cooled by the cooling medium, an air duct leading from the ventilator of the automobile to the interior of the casing, and directing the air received through the ventilator into direct contact with the cooled moist absorbing means and thence through the opening in wall into the passenger compartment of the automobile which is to be cooled.

2,104,120
BLEACHING COMPOSITION
Harvey N. Gilbert and Ignatius J. Wernert, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Co., Wilmington, Del., a corporation of Delaware
No Drawing. Application January 9, 1936, Serial No. 58,437
3 Claims. (Cl. 8—2)

1. A solid composition for use in bleaching comprising sodium peroxide and metaboric acid.

2,104,121
MANUFACTURE OF FLEXIBLE CONDUIT
George A. Gleason, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Original application April 10, 1935, Serial No. 17,325. Divided and this application February 21, 1936, Serial No. 65,167
3 Claims. (Cl. 140—71)



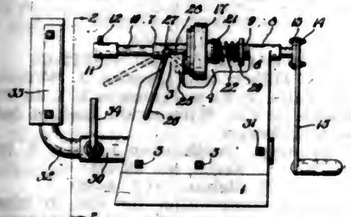
1. A method of making a flexible conduit, including coiling half-round wire into a helix, winding T-wire over said helix so that the stem portions of said T-wire extend inwardly between the convolutions of said half-round wire and applying sufficient inwardly directed force to said T-wire to cause it to flow at least slightly, whereby the head portion of said T-wire is thinned and its stem portion is elongated.

2,104,122
ENGINE VALVE ACTUATING DEVICE
Lafayette T. Genter, Tulsa, Okla.
Application March 25, 1936, Serial No. 70,279
2 Claims. (Cl. 121—164)



1. The combination with a steam engine comprising adjacent cylinders, pistons slidably mounted in the cylinders and alternately moved in opposite directions, slide valves controlling the flow and exhaust of steam for alternately moving the pistons in opposite directions, a rock lever connection between the slide valves, push rods carried by the lever connection, push rods extending into the cylinders into the path of the pistons, a tubular member in which the push rods are slidably mounted, a plurality of engaged longitudinally movable members within the tubular members and forming means whereby when the rock lever carried push rods are alternately moved in one direction the push rods extending into the cylinders will be alternately moved inwardly into the cylinders into the path of the pistons.

2,104,123
AUTOMATIC FEED DRILL
Nelson O. Grosser, Prince Albert, Saskatchewan, Canada
Application July 28, 1936, Serial No. 93,110
1 Claim. (Cl. 77—34)



A drilling machine comprising in combination, a framework, a pair of bearings mounted thereon, a rotatable element threadably received upon one of said bearings, a rotatable shaft mounted within said bearings, a collar threadably secured upon said shaft, a spring member engageable with said element and adapted to exert pressure against said collar, a friction disc slidably mounted upon the other of said bearings, a lug protruding therefrom adapted to engage with a portion of said framework to prevent rotation of said disc, manually operable lever means for urging said disc into engagement with said collar, said lever means being adapted when in a selected position to permit complete disengagement of said disc from said collar.

2,104,124
DOOR STOP AND CHECK
Alfred H. Haberstump, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware
Application August 11, 1934, Serial No. 739,395
6 Claims. (Cl. 16—85)



1. The combination in a double acting door check, of an arm movable with said door into a more effective position to act when spring pressed to resist the closing of the door, spring means acting on said arm under its greatest stress when the arm is in its least effective position, the arm and spring providing a variable resultant force balancing the closing moment of the door in any of its open positions.

2,104,125
ELECTRIC VACUUM SWEEPER NOZZLE ATTACHMENT
Clifford E. Hain, Omaha, Nebr.
Application March 23, 1936, Serial No. 70,439
3 Claims. (Cl. 15—13)



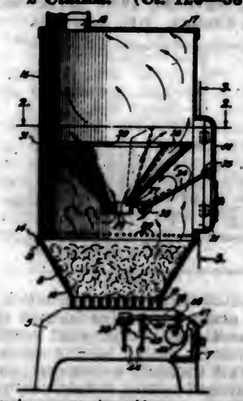
1. A vacuum sweeper attachment adapted to be secured in the nozzle of a vacuum sweeper having an intake opening therein, a frame, said frame including end plates, means for removably attaching a bearing to each end plate, a shaft rotatably mounted in said bearings, an eccentric on each end of the shaft adjacent the respective bearings, an oscillatable member adjacent each end plate, said members having notches in which are operatively received the respective eccentrics, said oscillatable members being operatively mounted on their respective end plates, a pair of laterally spaced, longitudinally extending substantially parallel beater bars attached adjacent their ends to the respective oscillatable members, and brush means secured in fixed relation relative to the beater bars, said brush means being received longitudinally between said bars.

2,104,126
PLANOGRAPHIC PRINTING PLATE AND METHOD OF USING SAME
William T. Hagelin, Cleveland, Ohio, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware
Application May 25, 1934, Serial No. 727,461
3 Claims. (Cl. 101—401)



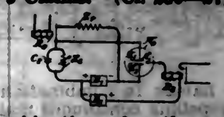
1. A planographic printing plate comprising a rolled zinc foil having minute tears or pits fortuitously formed in one surface thereof by the action of the rollers, such surface constituting the printing face of the plate and consisting of mutually isolated pits separated from each other by smooth intervening surfaces at the same general level.

2,104,127
AIR DRAFT AND SMOKE CONSUMER
William B. Hickman, Kansas City, Mo.
Application June 22, 1936, Serial No. 86,488
2 Claims. (Cl. 126—58)



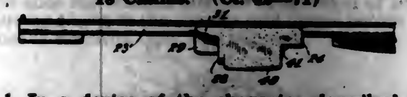
1. A heater construction comprising a fire chamber, a heater drum mounted over said chamber and provided with a fire door, a deflector member of substantially inverted-cone shape within the lower portion of said drum and having a central opening for the escape of fumes and gases to the upper portion of the drum, said deflector member having a movable section opposite said door, and connections between said door and movable section of the deflector member operated by opening of the door for swinging the section inward away from the door.

2,104,128
GAS DISCHARGE TUBE DELAY CIRCUIT
Richard Karl Honaman, Bloomfield, and Leland Kassen Swart, Mountain Lakes, N. J., assignors to American Telephone and Telegraph Company, a corporation of New York
Application December 27, 1935, Serial No. 56,395
9 Claims. (Cl. 250—27)



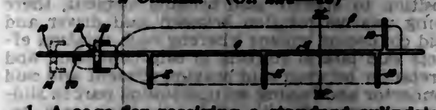
1. The combination of a three-electrode gas discharge tube, a condenser, a source of potential connected in series with the condenser and two of the electrodes of the tube, the potential of said source being greater than that required to ionize the gas between said two electrodes, a work circuit connected between the third electrode and one of the other electrodes, and means for varying the state of charge of the condenser to operate the work circuit.

2,104,129
HANDGRIP ESPECIALLY ADAPTED FOR GUNS
Claude W. Kress, New York, N. Y.
Application August 25, 1937, Serial No. 160,744
13 Claims. (Cl. 42—71)



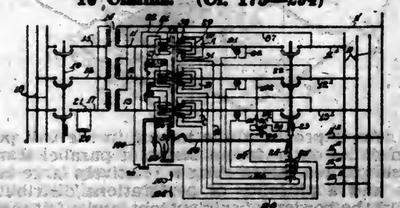
1. In a device of the character described, in combination, an elongated lower member, an upper elongated member carried by said lower member, an extended flange member abutting upon the rear ends of said lower member and said upper member, an extended flange member abutting upon the forward ends of said lower member and said upper member and two spaced members extending forwardly from the upper portion of said forward flange member.

2,104,130
TANK HOLDING CAGE
John D. Lewis, Youngstown, Ohio
Application November 25, 1936, Serial No. 112,791
2 Claims. (Cl. 224—45)



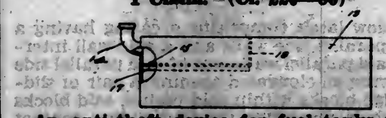
1. A cage for receiving a standard cylindrical tank adapted to carry highly compressed substances and provided with a reduced neck portion, said cage including a frame longitudinally outlining and extending from said tank, an integral semi-circular band on each side of said frame at the base thereof for holding the end of said tank therein, at least one integral semi-circular band spaced from the base of said frame and on one side thereof for supporting said tank in said cage, spaced pairs of projections on said neck portion of said frame and a locking-ring slidable on said neck portion for engaging one pair of said projections to hold said tank within said cage and engaging the other of said projections whereby a tank may be inserted or removed from said cage.

2,104,131
ALTERNATING CURRENT SYSTEM OF DISTRIBUTION
George A. Matthews, Detroit, Mich., assignor to The Detroit Edison Company, Detroit, Mich., a corporation of New York
Application September 25, 1933, Serial No. 690,787
10 Claims. (Cl. 175—294)



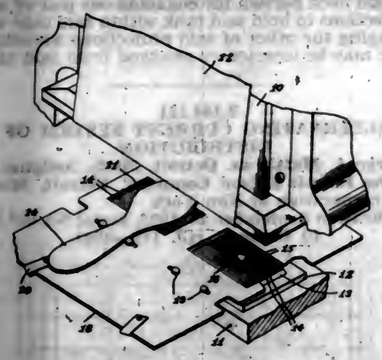
1. A protective device for a three-phase circuit comprising a three-phase circuit breaker, a latch for preventing movement of the circuit breaker in one direction, and tripping mechanism for actuating said latch; said mechanism including a plurality of units to individually produce a shifting magnetic field, each unit being connected to one phase of said circuit for potential and current energization, a member common to all of said units, means supporting said member for rectilinear movement, said member being subjected to the combined influence of the magnetic fields of all the units, and a mechanical linkage connecting said member and said latch.

2,104,132
ANTITHEFT DEVICE FOR GASOLINE TANKS
Frank E. McGilliceddy and Martin P. Meckler, Cleveland, Ohio
Application May 27, 1935, Serial No. 23,772
Renewed November 12, 1937
1 Claim. (Cl. 220—86)



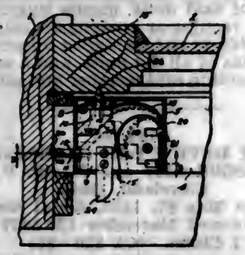
An anti-theft device for fuel tanks provided with a filling opening in an end wall thereof, said anti-theft device being in the form of a perforated plate arranged within the tank and having longitudinal flanges on its opposite side edges for securing to the walls of the tank at opposite sides of the tank, said plate having an end edge in abutting relation with the end wall of the tank equipped with the filling opening, and a flange extending at right angles from the plate at the end thereof remote from said end wall and filling the space between said plate and the top wall of the tank said longitudinal flanges being curved transversely and said last-named flange having its upper edge curved longitudinally and all of the curved portions of said flanges conforming to the curvature of the walls of the tank to snugly contact the tank throughout the entire perimeter of the plate.

2,104,123
INSOLE
Frank S. Moss, Lynn, Mass.
Application June 11, 1935, Serial No. 25,976
5 Claims. (Cl. 36—43)



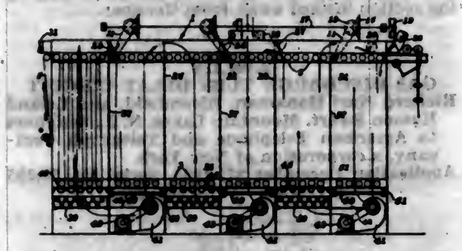
1. An improved insole having in the ball portion of its outer face a series of parallel transverse grooves intersecting a relatively large cut-out and a plurality of perforations distributed about the borders of said cut-out, and a felt insert in said cut-out.

2,104,124
WINDOW LATCH
Ferdinand Mollebrand, Detroit, Mich.
Application January 29, 1937, Serial No. 123,016
1 Claim. (Cl. 292—57)



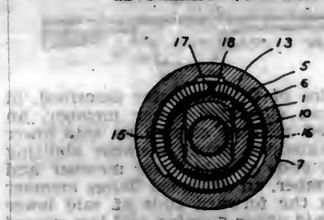
A window latch comprising a casing having a bottom, parallel side walls and a side wall intersecting said parallel walls, one of said parallel side walls having an elongated opening, a pair of slidable wedge blocks within said casing, said blocks having their respective faces in sliding contact with each other, a latching pin projecting from one of said blocks through one of said parallel walls and a latching pin projecting from the other of said blocks through said intersecting wall, said latching pins being at right angles to each other, means for exerting pressure on said blocks for projecting the pins carried thereby through the wall through which said pins respectively project, one of said blocks having sliding engagement on the bottom and said intersecting side wall, and the other block having sliding engagement on the bottom and on the parallel side wall having the elongated opening, and a handle secured to said last mentioned block projecting through said elongated opening having sliding movement in said last mentioned parallel wall, whereby the blocks may be retracted against said pressure exerting means.

2,104,125
CARBONIZING DRIER
Frank B. Morrill, North Adams, Mass., assignor to The James Hunter Machine Company, North Adams, Mass., a corporation of Massachusetts
Application October 17, 1932, Serial No. 638,136
12 Claims. (Cl. 34—46)



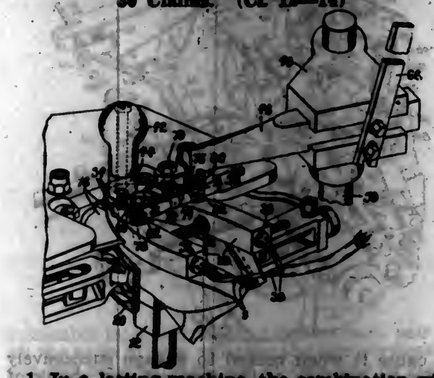
1. A drier having in combination a housing, means for propelling continuous material therethrough, baffle means sub-dividing the housing interior into a plurality of sections through which the material passes in sequence, a plurality of means for exhausting air from and supplying air to the sections, and means for putting one of such sections optionally into or out of communication with the rest in respect of its air without interrupting the air-supply to the rest.

2,104,126
RETARDING MECHANISM
William T. Murdock, Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application March 14, 1935, Serial No. 11,121
11 Claims. (Cl. 192—6)



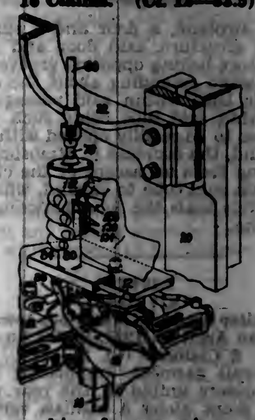
1. In a device of the character indicated, the combination of a rotatable driver, a driven element, a non-rotatable braking element shiftable axially to effect braking of said driven element, means to prevent rotation of said braking element, a laterally-shiftable connector adapted in one lateral position to make driving connection with said driven element and in another lateral position to operate said braking element, there being relative rotation between said driver and said connector, means whereby such rotation effects said lateral shifting of said connector, and a retarder between said braking element and said connector and having an upstanding part in sliding engagement with said connector, said retarder being spaced from said braking element at the point of said connector-engaging part, slidingly engaging said brake element at a point removed from said connector-engaging part, and smoothly extending between said points; substantially as described.

2,104,127
MEANS FOR OPERATING ON SHOES
Charles F. Fyre, deceased, late of Beverly, Mass., by Arthur F. Fyre, executor, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application February 20, 1935, Serial No. 7,434
30 Claims. (Cl. 12—14)



1. In a lasting machine, the combination with a support for a last and shoe, and means for laying the marginal portion of the upper of a shoe on said support inwardly over a sole on the last around an end of the shoe bottom, of a device for applying pressure and heat to the overlaid marginal portion of the upper around the end of the shoe bottom while the shoe is on said support, said device having heated portions arranged to engage the upper along the opposite sides of the end of the shoe bottom and movable toward each other laterally of the shoe to subject the upper to an inward wipe while applying pressure and heat thereto, and means supported independently of the shoe for terminating the application of pressure and heat to the shoe by said device before the shoe is removed from said support.

2,104,128
TRIMMING MACHINE
Richard H. Seer, Danvers, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application March 13, 1936, Serial No. 68,746
16 Claims. (Cl. 12—33.5)



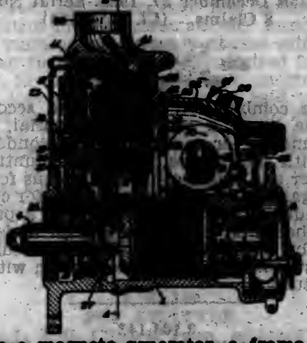
1. In a machine for removing surplus upper material from shoes, a pair of cutters comprising a stationary cutter jaw, a handle therefor, a movable cutter jaw mounted in the handle for reciprocating movement toward and from the stationary cutter jaw, a driven member mounted in the handle and operatively connected to the movable cutter jaw, a driving member mounted in the handle, means in the handle for connecting the driving member and the driven member, and means in the handle for disengaging said members with the cutter jaws in their open position.

2,104,139
CANDLE HOLDER
Frank D. Sherwood, Beaver Dam, Wis.
Application December 3, 1935, Serial No. 52,737
1 Claim. (Cl. 67—25)



As a new article of manufacture, a holder for candles and the like, comprising a piece of sheet material shaped to form an annular body adapted to be placed over and about a cake or the like and having a channel opening through its lower side, the top wall of the body and channel being provided with a plurality of scorings to form seats for the candles, the portions of said top wall between the scorings being bent inwardly of the said channel when the candles are selectively and forceably engaged in said seats, and out-turned flanges formed at opposite edges of the open side of said channel to increase the footing of the holder.

2,104,140
MAGNETO GENERATOR
Walter J. Spengler, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application November 29, 1935, Serial No. 52,219
14 Claims. (Cl. 171—252)



13. In a magneto generator, a frame of non-magnetic metal, a magnetic rotor journalled therein, a distributor rotor journalled in said frame, means including gearing for driving the distributor rotor from the magnetic rotor, housing means of non-magnetic metal cooperating with the frame to provide an oil-tight chamber for the gearing, a distributor terminal block, a casing section for housing the same, a high tension coil, a casing section for housing said coil,

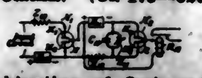
means for conducting current from said coil through the distributor block to the distributor rotor, and means for preventing escape of lubricant from said chamber into said casing sections, said casing sections and said housing means cooperating with said frame to completely enclose and shield the elements of the magneto.

2,104,141
METHOD OF MANUFACTURING COMMUTATORS
Brooks Stevens, Jr., Concord, Mass.
Application September 9, 1936, Serial No. 99,905
5 Claims. (Cl. 29—155.54)



1. Method of making a commutator comprising forming a metal tube with a cylindrical outer surface and with an inner surface provided with a plurality of elongate ribs parallel to the axis of the tube and disposed uniformly thereabout with their radially inward parts of greater cross section than their radially outward parts, forming a plurality of disks of insulating material with similar central openings and with peripheral recesses to interfit with said ribs, assembling the disks in superposed relation with their recesses in alignment, causing the superposed disks to fit firmly within the tube with the ribs interfitting with the recesses by subjecting the tube to endwise pressure at room temperature to cause cold flow of the metal inwardly, while confining the tube against circumferential expansion, and then cutting the wall of the tube between the ribs to provide a plurality of separate commutator bars each having a rib interfitting with each of the disks.

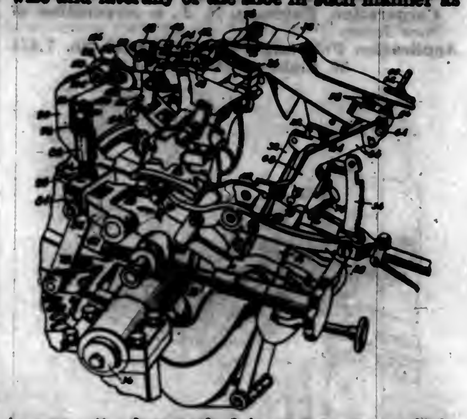
2,104,142
GAS-FILLED TUBE CIRCUITS
Leland Kasson Swart, Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application December 27, 1935, Serial No. 56,396
8 Claims. (Cl. 175—320)



1. The combination of first and second gas discharge tubes, a source of potential, a condenser, means for connecting said condenser in series with said source, a resistor shunting said condenser and said second tube, means for ionizing the gas within the first tube and for charging said condenser, means responsive to a predetermined charge on said condenser for ionizing the gas of the second tube, and a load circuit operated in response to gaseous ionization within the second tube.

2,104,143
METHOD OF AND MEANS FOR SHAPING THE BOTTOMS OF SHOES
Erastus E. Winkley, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application September 25, 1935, Serial No. 42,071
24 Claims. (Cl. 12—34)

1. That improvement in methods of shaping or leveling the bottoms of shoes which consists in applying over the bottom of a shoe a form arranged to extend from the toe end to the heel end of the shoe and having a sole-pressing face portions of which opposite the forepart and shank portions of the shoe bottom are curved lengthwise and laterally of the shoe in such manner as



to cause it when rocked to engage successively different portions of the forepart and shank of the shoe sole, and applying rolling pressure to said form to level the forepart and shank portions of the sole.

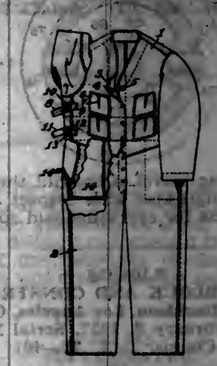
2,104,144
AIRPLANE DOOR CONSTRUCTION
Stephen J. Zand, Forest Hills, N. Y., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application September 26, 1935, Serial No. 42,221
6 Claims. (Cl. 244—129)



6. In an airplane, a door and a surrounding door frame structure, said door and said door frame structure having opposing grooves for providing a passage extending about the door, and a pneumatic tube within said passage, the air pressure within said tube being such as to enable the door to be readily opened with the craft on the ground, the decrease in atmospheric pressure resulting from an ascent of the craft causing air within said tube to expand, whereby said tube effectively seals the joint between the door and its frame.

2,104,145
COVERALL
Walter L. Abel, Waterloo, Iowa
Application April 12, 1937, Serial No. 136,264
2 Claims. (Cl. 2—79)

2. A coverall garment, comprising a sleeved vest and trousers united in the rear with both opening in front along a median vertical line, both having releasable fastening means between their respective parts, the vest having a horizontally arranged pair of tabs at each of its sides below the sleeves thereof, and also having horizontally arranged tabs at its sides spaced below the first mentioned pairs of tabs, and adjustable



releasable fastening means between each pair of all the pairs of tabs, whereby the side portions of the vest between each pair of tabs may be gathered adjustably, to cause the vest to fit the wearer while preventing gathering of the vest at its front and rear parts.

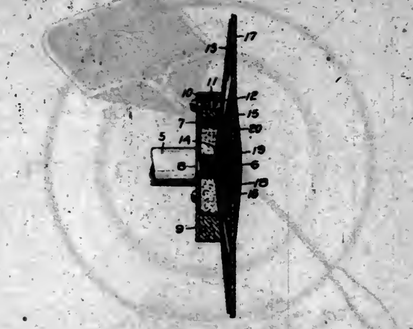
2,104,146
LUBRICATING APPARATUS
Daniel G. Adams, New York, N. Y., assignor to Adams Grease Gun Corporation, New York, N. Y., a corporation of New York
Original application December 31, 1928, Serial No. 329,961. Divided and this application July 13, 1932, Serial No. 622,962
4 Claims. (Cl. 184—105)



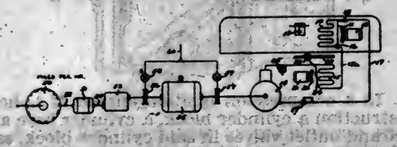
1. A grease cup for use in connection with a coupler for detachably connecting a grease gun to the cup, said cup comprising in combination a tubular member adapted to have its rear end attached to a part to be lubricated, the forward portion of the tubular member being provided with a sealing tit of smaller diameter than the main portion of the tubular member for sealing entry into a coupler and with a sealing shoulder for sealing engagement with the end of the coupler, said main portion of the tubular member being provided with a circumferential locking groove for cooperation with the coupler to draw the said tit and sealing shoulder into said sealing positions with respect to the coupler.

2,104,147
GRINDING APPARATUS
Vern E. Anderson, Lansing, Mich.
Application June 13, 1935, Serial No. 26,286
8 Claims. (Cl. 51—197)

1. An article of the class described comprising an abrasive disk, a flexible supporting disk and means for flexing said supporting disk whereby its peripheral edge only is held in contacting relation with the marginal edge portion of the abrasive disk.



2,104,148
REFRIGERATING APPARATUS
Donald F. Alexander, Charles F. Heuney, and Charles L. Paulus, Dayton, Ohio, assignors to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application January 2, 1937, Serial No. 118,816
Renewed May 21, 1937
38 Claims. (Cl. 62—117)



1. In a vehicle; a live axle assembly; a compressor; a unitary motor-generator; a battery; torque transmitting means from said live axle assembly to said compressor and motor-generator and between said compressor and motor-generator; control means, automatically responsive to vehicle running conditions, to cause said motor-generator to act as a motor, energized from said battery, to drive said compressor independently of said live axle assembly when said vehicle is standing and, when said vehicle is in motion, to cause said live axle assembly to drive, through said torque transmitting means, said compressor and said motor-generator, said motor-generator acting as a generator to charge said battery, and means automatically maintaining the same direction of current generated by said motor-generator when the vehicle travels in either direction.

2,104,149
FLY SWATTER
Charles L. Bell, Clinton, Iowa, assignor to Lubbers & Bell Manufacturing Company, Clinton, Iowa, a corporation of Iowa
Application February 12, 1936, Serial No. 63,524
4 Claims. (Cl. 43—137)

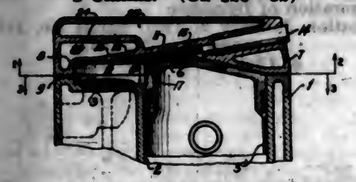
1. In a fly swatter, a blade consisting of a fabric including a plurality of strands, some of which are formed of a rolled and twisted strip of thin, slightly extensible material composed entirely or largely of rubber derivative, said strands

being woven together, and producing a light, pliable, resilient, scratch-proof striking body, the



relative rigidity and flexibility of which is substantially unaffected by moisture.

2,104,150
INTERNAL COMBUSTION ENGINE
Albert T. Brenner, Westmont, N. J.
Application November 29, 1933, Serial No. 700,309
2 Claims. (Cl. 123—32)



1. In a compression ignition engine of L-head construction a cylinder block, a cylinder bore and inlet and outlet valves in said cylinder block, said valves mounted on the side of said cylinder, a cylinder head, a first cavity in said cylinder head, adapted to form a chamber about said valves, a second cavity in said cylinder head adjacent said first cavity and adjacent said cylinder bore, a piston in said cylinder bore, a cavity in said piston, said piston adapted to enter said second cavity during the latter part of the upstroke of said piston and said piston cavity to form a mixing space with said cylinder head only while said piston is near and in its top dead center position, a passage between said mixing space and said valve chamber and said piston adapted to partly close said passage when entering said second cavity, and a fuel nozzle adjacent said mixing chamber and opposite said valve chamber in said cylinder head.

2,104,151
VALVE
Eugene C. Brisbane and Robert Bischoff, York, Pa., assignors to S. Morgan Smith Company, York, Pa., a corporation of Pennsylvania
Application July 25, 1936, Serial No. 92,556
4 Claims. (Cl. 74—99)

1. In a device of the class described, a shaft, a lever operatively connected to said shaft for actuating the same, a screw spindle, a nut pivotally connected to the outer end portion of said lever and mounted on said spindle, means for supporting said spindle whereby the spindle is free to rotate in order to impart lengthwise movement of the nut thereon and is also free to swing inwardly and outwardly with respect to



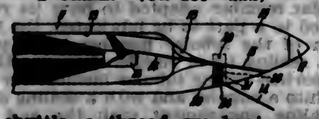
the shaft during travel of the nut thereon without moving lengthwise with respect to its support, and means for operating said spindle.

2,104,152
BUILDING BLOCK AND CONSTRUCTION
Nathan Davidson, Los Angeles, Calif.
Application February 9, 1937, Serial No. 124,825
2 Claims. (Cl. 72—40)



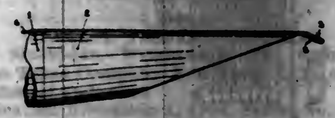
1. A building construction of the class described comprising a plurality of substantially vertical wall sections formed of courses of standard sized bricks, said bricks being joined together with mortar, one or more of said wall sections having a course of rectangular angular blocks provided with outside faces substantially corresponding in size with standard bricks and laid with their angular faces toward the midwidth of the wall, the space thus defined lying between the vertical faces of at least one of said wall sections and being substantially filled with mortar, and a horizontally extending metallic reinforcing rod imbedded in said mortar in said space in vertical alignment with the courses of bricks of one wall section.

2,104,153
SHUTTLE
Sherwood O. Dodge, Medford, Mass., assignor to Guaranteed Parts, Inc., Allston, Mass., a corporation of Massachusetts
Application October 14, 1936, Serial No. 105,502
1 Claim. (Cl. 139—222)



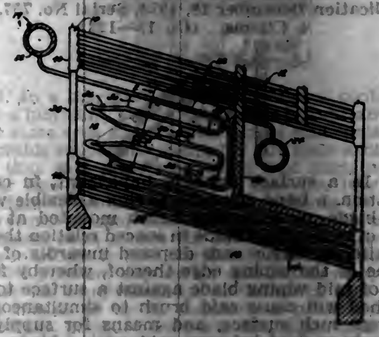
In a shuttle, a thread eye having an axial thread passage extending therethrough and also having a thread slot communicating with said passage at the top thereof, said slot extending in a continuous straight line lengthwise of said eye and diagonally with respect to said passage and separating the portion of the eye above the passage into oppositely projecting overhanging and overlapping portions at each end of the passage adapted to confine a thread in the passage, one of the side walls of the thread slot being higher than the opposite side wall, thereby providing a shoulder at the top of the eye and at the entrance to the thread slot, whereby a thread will be deflected into said slot.

2,104,154
SACKING INTO VALVE BAGS
Alfred Du Bois, Paris, France
Application February 6, 1936, Serial No. 62,561
In France February 15, 1935
7 Claims. (Cl. 226—43)



1. For filling valve bags a filling spout the cross-section of which progressively varies along the spout and gets both enlarged and flattened towards the delivery end where it is substantially flat so that the flattening of the valve takes place by the withdrawal of the said spout from the valve.

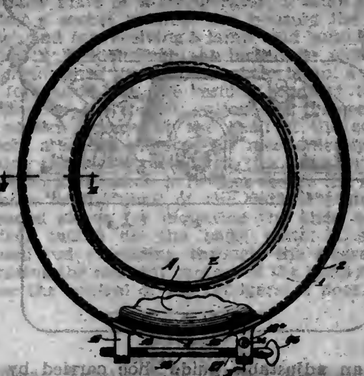
2,104,155
SUPERHEATER
Frederic I. Epley, New York, N. Y., assignor to The Superheater Company, New York, N. Y.
Application September 25, 1934, Serial No. 745,415
1 Claim. (Cl. 122—479)



In a superheater having a pair of horizontally spaced, parallel headers and heat absorbing units each comprising vertically spaced pipe runs serially interconnected by return bends to form substantially horizontally extending loops; stiffening means fixed between the pipe runs of the topmost loops of a unit to form a girder thereof which is located intermediate said headers; means for freely suspending the loops below said topmost loop from said girder; and means for supporting said girder from said headers comprising a lead connecting the topmost loop to one of said headers and a connection between the return bend of said topmost loop and a lead extending from the lowermost loop to the other header.

2,104,156
TIRE COVER
Arthur F. Ferguson, Detroit, Mich., assignor to Lyon Cover Company, Detroit, Mich., a corporation of Michigan
Application November 2, 1936, Serial No. 109,979
25 Claims. (Cl. 152—154)

1. A tire cover comprising pliable ungrippable with the side walls of a tire, a radially expansible and contractible ring for disposition about the tire, interlocking means on said ring and plates, a device for expanding said ring to cause said



means to interlock and instrumentalities for preventing undesired contraction of said ring.

2,104,157
RAIL JOINT
Pietro Ferrella, Rome, Italy
Application February 21, 1935, Serial No. 7,597
In Italy February 21, 1934
2 Claims. (Cl. 238—164)

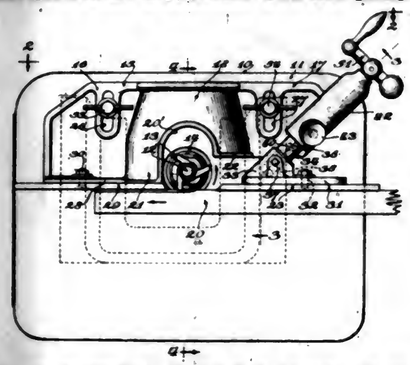


1. A rail joint including in combination with aligned rails, the adjacent ends of the rails defining a junction, means connecting the upper portions of the rails above the neutral axis, bar means positioned on the lower portion of the rails below the neutral axis and extending across said junction, said bar means defining a space and weld blocks welded to the rails and bar means within said space and free of said junction.

2,104,158
WORK GUIDE FOR WOODWORKING MACHINES
Theren I. Hedgpeth, Oak Park, Ill., assignor to Duro Metal Products Company, Chicago, Ill., a corporation of Illinois
Original application May 9, 1935, Serial No. 19,235. Divided and this application December 31, 1936, Serial No. 118,436
1 Claim. (Cl. 144—253)

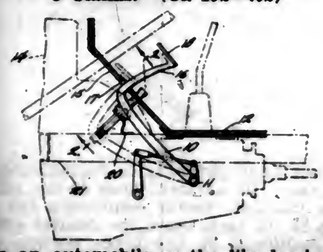
In a wood working machine, the combination of a supporting table with a combined cutter guard and fence, said fence having an attaching flange and a guide flange, and having a chip conduit formed adjacent a cutter carried by said table, said attaching flange having adjustable means for securing it to the table, and a plunger housing carried by said attaching flange, said plunger housing having a bore and a counterbore, with an annular shoulder between said bore and counterbore, a plunger slidably mounted in said bore, a screw shaft having thrust bearings on each end of said counterbore, and rotatably

mounted in said counterbore, said screw shaft having threaded engagement with said plunger,



and an adjustable guide shoe carried by said plunger and extending in parallel relation with respect to said other guide flange.

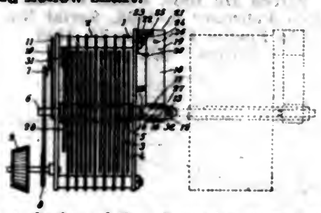
2,104,159
STARTER SWITCH CONTROL
Wilson Hemingway, Jr., Chicago, Ill., assignor to Electroleck Manufacturing Company, Vicksburg, Miss., a corporation of Mississippi
Application January 24, 1936, Serial No. 60,679
5 Claims. (Cl. 192—.02)



1. In an automobile or the like having a toe board with a clutch releasing lever thereunder and a starter switch with operating means extending through the toe board, the combination of an adapter attached to said switch operating means and having an obstruction under the toe board in the path of movement of and operable by the clutch releasing lever to close the switch.

2,104,160
ADJUSTING DEVICE, IN PARTICULAR ELECTRICAL CONDENSER
Karl Hengel, Berlin, Germany
Application January 23, 1934, Serial No. 707,935
In Germany January 27, 1933
14 Claims. (Cl. 175—41.5)

1. In a device of the class described in combination a primary condenser and a secondary condenser, a frame carrying fixed plates of said primary condenser and a fixed armature of said secondary condenser, a shaft journalled in said frame, a hollow shaft rotatably mounted on said shaft and carrying movable plates of said primary condenser, a sleeve fixed to one end of said shaft, a lost motion connection between said sleeve and said hollow shaft, a support frictionally connected to said sleeve and carrying a movable armature of said secondary condenser, stops on said frame for limiting the movements of said movable armature and an adjusting knob for turning said shaft and said hollow shaft.



6. In a device of the character described, comprising, a rough adjusting member, a fine adjusting member, coupling means between said rough and fine adjusting members with upper and lower limits to allow of movement of said fine adjusting member between said limits and only within predetermined narrow limits of the range of movement of said rough adjusting member, substantially equally for any position of said rough adjusting member, and a common actuating member for said adjusting members.

2,104,161
WINDOW GLASS CLEANING IMPLEMENT
Louis Kouksal, New York, N. Y.
Application December 18, 1934, Serial No. 757,988
4 Claims. (Cl. 15—123)



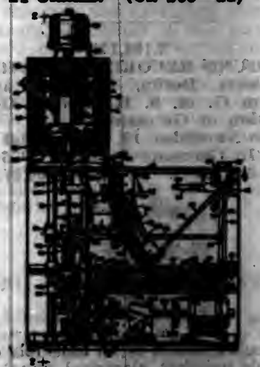
1. In a surface washing implement, in combination, a hand squeegee having a flexible wiping blade, an elongated brush mounted at one side of said wiping blade in spaced relation thereto with its bristle ends disposed inwardly of the plane of the wiping edge thereof, whereby flexing of said wiping blade against a surface to be washed will cause said brush to simultaneously engage such surface, and means for supplying a washing fluid between said wiping blade and brush.

2,104,162
CENTRIFUGAL SEPARATOR
William R. Mackland, Chicago, Ill.
Application April 8, 1935, Serial No. 15,179
13 Claims. (Cl. 233—3)



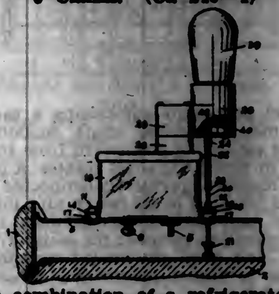
11. In a centrifugal separator, the combination of a rotatable separating chamber provided with a tapered discharge passage, means for continuously supplying material to be separated to said chamber, a flexible diaphragm forming a portion of one wall of said chamber, a ram connected to said diaphragm and located in said chamber, and means for inducing a pressure outside said chamber in excess of the chamber pressure to thereby force said ram during the separating operation of said chamber into said tapered passage to compress separated material therein.

2,104,163
GREASE TESTING MACHINE
Paul McJunkin, Wrightsville, Pa., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application November 1, 1934, Serial No. 750,924
14 Claims. (Cl. 265—11)



1. In a lubricant testing machine, a container for a lubricant, a perforated plate of substantially the same area and cross section as said container, movable supporting means for said plate arranged so that said plate may enter said container to bear against and be forced into the lubricant contained therein, means for increasing the temperature of said lubricant at a predetermined uniform rate, means for driving said plate into the lubricant in said container, means responsive to the pressure exerted on said lubricant by said plate for controlling the actuation of said driving means so as to maintain a predetermined constant pressure between said plate and said lubricant as the lubricant becomes softened, due to the increasing temperature, and measuring means connected with said driving means for indicating the rate with which said plate moves into and through said lubricant.

2,104,164
REFRIGERATOR DOOR LAMP SWITCH
Frederick H. Osborne, Columbus, Ohio, assignor to Kanco Incorporated, a corporation of Ohio
Application December 28, 1934, Serial No. 759,458
6 Claims. (Cl. 240—4)



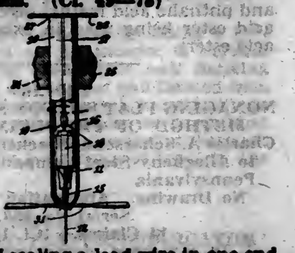
1. The combination of a refrigerator control switch having an enclosing shell and a pair of terminals, said control switch being mounted on the baffle plate of a refrigerator; a lamp switch having a socket member for housing the lamp switch and for receiving a lamp, said lamp switch having a resilient contact biased to close the switch to one of the contacts of the lamp; a member for connecting the resilient contact to one terminal of the control switch and for securing the socket member to the shell of the control switch; a second member for mechanically connecting the socket member to the other terminal of the control switch to further secure the socket member to the shell of the control switch; a threaded sleeve for mounting the shell of the control switch on the baffle plate; a spring pressed rod extending through the sleeves for operating the resilient contact of the lamp switch under the control of the refrigerator door.

2,104,165
RAIL JOINT
Philippe Pelletier and Philias Vaillancourt, Beaupre, Quebec, Canada
Application February 3, 1936, Serial No. 62,019
2 Claims. (Cl. 238—213)



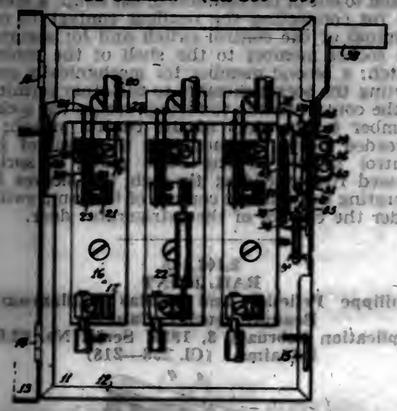
1. A rail joint comprising two like pieces adapted to engage opposite sides of the rails to be joined, each piece having at its upper edge a horizontal triangular head adapted to enter the space between the rail ends, oblique cheeks formed on said pieces beneath said heads and engaging one another on their oblique surfaces, said heads forming a rectangle filling said space and constituting a continuation of the heads of the rails, and means for securing said pieces to said rails.

2,104,166
METHOD OF MAKING A GLASS SEAL
Edward A. Pelton, Newark, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 1, 1934, Serial No. 723,321
8 Claims. (Cl. 49—78)



1. The method of sealing a lead wire in one end of a tubular glass vessel which comprises positioning a portion of the wire in a glass sleeve having an inside diameter only slightly greater than the outside diameter of the wire to provide a friction fit, positioning the sleeve within and adjacent to one end of the vessel to position said sleeve between said wire and the wall of said vessel, heating to soften the said end, and fusing the end to the sleeve and the sleeve to the wire.

2,104,167
ELECTRIC SWITCH BOX
James C. Richardson, Brooklyn, N. Y., assignor to Royal Switchboard Co., Inc., New York, N. Y., a corporation of New York
Application May 8, 1936, Serial No. 78,672
14 Claims. (Cl. 200—50)



1. An interlock for an electric switch box comprising a box with a cover having a hasp, an electric switch located in said box having an operating mechanism, a handle outside said box for operating said mechanism, a main latch pivoted at one end to said box and engaging said hasp at the other end to hold the cover closed, a second latch pivoted to said main latch and locking said mechanism against movement to close the switch, and a spring normally forcing said latches into the engaging position.

2,104,168
ARTIFICIAL SUBSTANCE
Otto Röhm and Walter Bauer, Darmstadt, Germany, assignors, by mesne assignments, to Röhm & Haas Company, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application May 29, 1930, Serial No. 457,494. In Germany June 1, 1929
15 Claims. (Cl. 106—32)

1. A film formed from a solution of polymeric acrylic acid methyl ester and polymeric vinyl acetate in admixture with phthalic acid amyl ester and phthalic acid methyl glycol ester, the acrylic acid ester being used in excess of the phthalic acid esters.

2,104,169
NONAGING FLAT SILICON STEEL STRIP AND METHOD OF PRODUCING THE SAME
Charles A. Scharschu, Brackenridge, Pa., assignor to Allegheny Steel Company, a corporation of Pennsylvania
No Drawing. Application August 3, 1933, Serial No. 683,476
14 Claims. (Cl. 148—12)

1. In a method of making magnetic material in the form of silicon steel strip, the steps which consist in casting a steel ingot having a silicon content of from about .5% to 5%, in reducing the ingot by hot rolling to a strip of intermediate gauge, in annealing the hot rolled strip, in pickling the annealed strip, in cold rolling the pickled strip to finished gauge, in annealing the strip of finished gauge within a temperature range of from 1400–2000° F., in then cooling the strip, then in continuously annealing the strip while flat at a temperature of from 1000 to 1300° F., and then in cooling the strip.

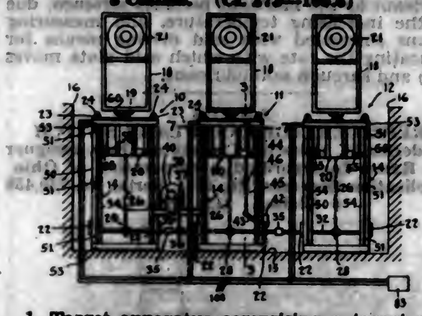
14. As a new article of manufacture, non-aging magnetic material in the form of silicon steel strip free from cold set and having a silicon content between approximately .5% and 4.5% and produced from silicon steel strip having a silicon content within said range which has been subjected to hot and cold roll reductions, then annealed at a temperature between approximately 1400° F. and 2000° F. cooled, then given a continuous anneal while flat at a temperature between approximately 1000° F. and 1300° F. and then again cooled.

2,104,170
SOUND RECORDING DEVICE
Karl Schwarz, Berlin, Germany, assignor to Klangfilm G. m. b. H., Berlin, Germany, a corporation of Germany
Application November 13, 1936, Serial No. 49,465
In Germany April 15, 1935
5 Claims. (Cl. 179—100.2)



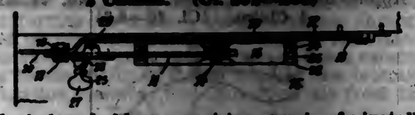
1. The combination of an assembly comprising a vibratable member, electrical signal responsive means operable to vibrate said member about one axis, resilient means supporting said assembly, and electrical signal volume responsive means coupled to said assembly and operable to vibrate said assembly about another axis.

2,104,171
RANGE TARGET
Frank H. Schwerin, Bellevue, Pa., assignor to The Duff-Norton Manufacturing Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application January 22, 1935, Serial No. 2,962
3 Claims. (Cl. 273—105.6)



1. Target apparatus comprising a target-carrying frame, a vertical shaft supporting the frame and extending downward from the frame, a bearing in which the shaft rotates, a motor, an operating member operatively connected with the motor and adapted to be raised and lowered by the motor, and cam means between the shaft and said operating member for causing the shaft to rotate and turn the target-carrying frame in response to vertical movements of said operating member.

2,104,172
DOOR SEAT AND HOLDER
Edwin J. Stiles, Woodbury, N. Y.
Application September 28, 1936, Serial No. 102,063
2 Claims. (Cl. 296—63)



1. A door holder comprising a pair of pivotally connected arms, means for pivotally connecting the free end of the one arm to the door frame, a channel fixed to the door, a stop fixed with relation to the door and extending into the said channel, a plate, abutments on said plate extending into said channel in interlocking relation therewith, said plate and abutments being capable of movement longitudinal of said channel, springs within the channel between the said fixed stop and the said abutments to cushion movements of the said plate in two directions parallel to the plane of the door, means for pivotally connecting the free end of the other arm to the said plate and a slidable turnable bolt for locking the two arms together in open position.

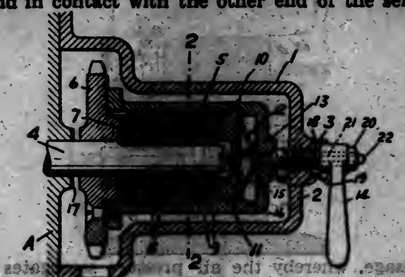
2,104,173
BAKING MACHINE FOR TEXTILE MATERIALS
Walter W. Sibson, Philadelphia, Pa., assignor to The Philadelphia Drying Machinery Company, Philadelphia, Pa., a corporation of Pennsylvania
Application October 10, 1935, Serial No. 44,360
3 Claims. (Cl. 34—23)



1. In a machine for baking articles coated with a suitable preservative, an enclosure subdivided by partitions into successive compartments, means for progressing the articles, rotary fans for circulating heated air through the machine with alternately-reversed individual diagonal circulation through the successive compartments, means controlling variable communication between adjoining compartments to effect a generally spiralled circulation of the air through the machine, and separator means movable in vertical planes whereby the articles are prevented from contacting and are aligned-guided through the machine in spacial relation.

2,104,174
CLUTCH
John C. Simons and Harold S. Swope, Philadelphia, Pa.
Application July 3, 1937, Serial No. 152,730
3 Claims. (Cl. 192—69)

1. A clutch comprising the combination of a fixed housing having an end portion and having a screw arranged thru its end portion, a power transmission shaft substantially devoid of endwise motion and aligned with the screw and projecting into the housing, a hub provided with a power transmission device and mounted for rotation in respect to the shaft and to the end of the screw and for endwise motion, a series of friction drive clutch elements operatively arranged between the hub and shaft and at one end in contact with the hub, a disk rotatably mounted at the end of the shaft and arranged in the hub and in contact with the other end of the series of friction elements, and spring means interposed between the end of the hub and the disk to exert compression on the clutch elements, the screw operating to shift the hub in respect to the disk to control the compression of the spring.



2,104,175
INSEAM MEASURING DEVICE
James Turpan, Paterson, N. J.
Application February 1, 1937, Serial No. 123,404
2 Claims. (Cl. 33—3)



1. A tailor's measuring device including a hollow stand affording at its interior a vertical guideway and having an upright wall flanking the guideway at one side thereof and formed with a vertical slot, a plunger movable vertically in the guideway, and a substantially horizontal bar carried by the plunger and protruding through the slot and movable lengthwise of itself in the plunger.

2,104,176
RAIL AND WHEEL FLANGE LUBRICATOR
Harold G. Warr, Park Ridge, Ill., assignor, by mesne assignments, to Peer & Company, a corporation of Delaware
Application July 10, 1936, Serial No. 89,946
16 Claims. (Cl. 184—3)

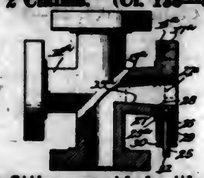
1. A rail and wheel flange lubricator comprising a lubricant discharger adapted to be positioned adjacent the gauge side of a rail and having a passage therein for containing lubricant to be discharged and an air duct communicating

with said passage at a location intermediate its ends, and means operable at intervals to introduce air under pressure into said duct and said



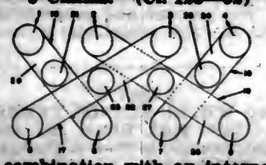
passage, whereby the air pressure segregates a quantity of lubricant from the main body in said passage and discharges the segregated lubricant as a body onto the side face of the rail head.

2,104,177
PIPE FITTING
John E. Yancey, Houston, Tex., assignor to Gray Tool Company, Houston, Tex., a corporation of Texas
Original application December 2, 1935, Serial No. 52,535, now Patent No. 2,077,507, dated April 20, 1937. Divided and this application November 11, 1936, Serial No. 110,366
2 Claims. (Cl. 138—89)



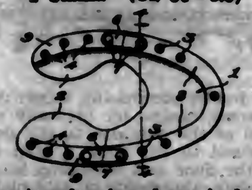
1. A pipe fitting provided with a bore and including an inlet and a pair of outlets, each outlet having a radially and outwardly extending flange provided with bolt apertures to enable piping elements to be connected thereto, the bore of each outlet including an outwardly flared seat portion, a tapered plug adapted to seat in said seat portion to form a seal therein, and means outward of said seat portion and forming no part thereof to hold said plug in said seat portion.

2,104,178
MANIFOLD CONSTRUCTION
David E. Andersen, Detroit, Mich., assignor to Bohn Aluminum and Brass Corporation, Detroit, Mich., a corporation of Michigan
Application February 25, 1935, Serial No. 8,136
9 Claims. (Cl. 123—52)



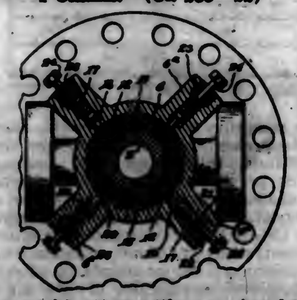
1. The combination with an internal combustion engine having eight cylinders arranged in pairs with the cylinders in each pair having suction periods 360° apart, and a manifolding system comprising a plurality of non-communicating passages corresponding in number to the number of pairs of cylinders and each passage connecting the cylinders in a pair.

2,104,179
TAP FOR TAP-DANCING SHOES
Corrado Agosta and Frank Notarangelo, Bristol, Conn.
Application May 4, 1936, Serial No. 78,361
1 Claim. (Cl. 36—8.3)



A tap for tap dancing shoes, including a substantially U-shaped toe member having a plane upper face inclined downwardly and inwardly from its outer edge and having each of its legs formed with a flat end face, an elongated side member alined with each leg of the toe member, and having a flat end face disposed in abutting relation to the end face of said toe member, each of said elongated side members having plane upper faces inclined downwardly and inwardly from their outer edges and alined with the upper face of the toe member, and flat springs disposed along said inclined upper faces of the toe and side members and beneath the outer edges of the latter for connecting the same together, so as to permit relative flexing movement between the toe and side members only in an upward direction.

2,104,180
TUBING HEAD OR HANGER
Ernest L. Barber, Houston, Tex.
Application April 10, 1937, Serial No. 136,300
4 Claims. (Cl. 285—22)

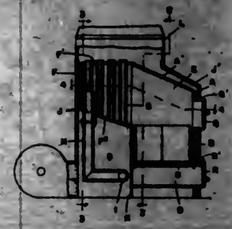


1. The combination with a casing head having an internal annular groove, and a tubing hanger having an external annular groove, of a locking ring mounted in the groove in the hanger and comprising a plurality of segments and springs between the ends of the segments tending to expand the same into locking engagement with the groove in the casing head.

2,104,181
WARM AIR FURNACE
Harry A. Bertsch, Detroit, Mich., assignor of one-half to James Rodney Weeks, Birmingham, Mich.
Application February 24, 1936, Serial No. 65,518
3 Claims. (Cl. 126—110)

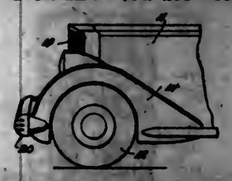
1. In a furnace, a fire box, a combustion chamber extending upwardly from said fire box, a chamber extending laterally from said combustion chamber, an enclosing jacket for the fire

box and chambers aforesaid providing air spaces above and below said laterally extending chamber, a wall of said jacket having an opening constituting an air inlet for the space below the laterally extending chamber aforesaid, a blower for forcing air from a suitable source through said opening into the air space below said laterally extending chamber, a series of tubes extending substantially vertically through the laterally extending chamber for conducting air from the



air space below to the air space above said laterally extending chamber, a down draft flue having its inlet between the tubes just mentioned above the bottom of the laterally extending chamber and having a portion within the air space below said laterally extending chamber opposite the air opening in the jacket so as to be impinged upon by air from the blower for preheating the air before it is conducted by said tubes to the air space above said laterally extending chamber.

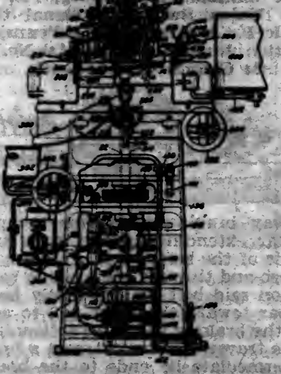
2,104,182
MOTOR VEHICLE
Frank C. Best, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application June 26, 1934, Serial No. 732,316
4 Claims. (Cl. 293—55)



4. In a motor vehicle, the combination with a streamlined body panel disposed at one end of the vehicle and comprising fenders at either side and an intermediate apron portion, of a bumper extending transversely of the vehicle and disposed in close proximity to said panel, said panel terminating in an outwardly and downwardly directed curved portion approaching the horizontal, said bumper being generally U-shaped in vertical section with the upper leg of the U forming in effect a continuation of the panel, said bumper being provided adjacent each side with an upstanding climb guard receiving a forwardly directed extension of the adjacent fender.

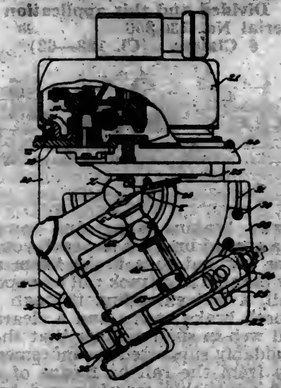
2,104,183
MACHINE FOR OPERATING UPON SHOE-HEELS
Charles G. Bivetrum, Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application May 28, 1934, Serial No. 727,209
171 Claims. (Cl. 12—77)

1. In a machine for operating upon shoe-heels, a plurality of traveling heel-holders, and a mov-



able tool for operating simultaneously upon the heels in plural holders.

2,104,184
METHOD OF AND MACHINE FOR PRODUCING GEARS
Allan H. Candee, Rochester, N. Y., assignor to Gleason Works, Rochester, N. Y., a corporation of New York
Application November 16, 1935, Serial No. 50,325
27 Claims. (Cl. 90—9)



1. The method of generating irregular gears which comprises imparting a cutting motion to the tool while producing a relative rolling motion between the tool and blank as though the gear being cut were rolling without slipping with a basic gear, other than its mate, represented by the tool and having identical teeth, uniformly spaced.

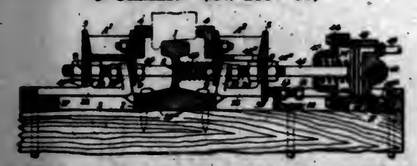
12. In a machine for generating irregular gears, tool mechanism, means for actuating the tool mechanism, means for rotating the blank on its axis and simultaneously effecting a relative movement of translation between the tool mechanism and the blank to generate the tooth profiles, and means for varying the ratio of said rotary and translatory movements for generation of different teeth of the blank and during generation of each tooth and means for indexing the blank periodically but through different distances for successive teeth of the blank.

2,104,185
RAILWAY BRAKING APPARATUS
Harold C. Clausen, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application June 16, 1936, Serial No. 85,506
24 Claims. (Cl. 188—62)



1. Railway braking apparatus comprising a braking bar extending parallel to a track rail on one side of the rail, a bolt extending through the rail web and through the braking bar, means mounted on said bolt for constantly biasing the braking bar toward the track rail to a position in which the braking bar will frictionally engage car wheels traversing the rail, and a bracket secured intermediate its ends to the braking bar and slidably supported at one end and slidably cooperating with the underside of the rail at the other end, whereby rotation of the braking bar in response to the couple of forces which is exerted on it when it is engaging a car wheel is prevented by said bracket.

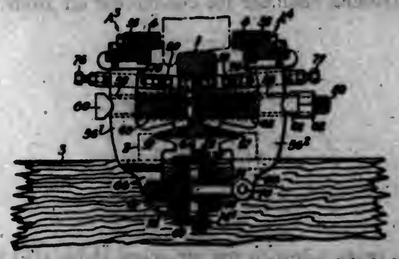
2,104,186
RAILWAY BRAKING APPARATUS
Harold C. Clausen, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Original application June 16, 1936, Serial No. 85,506. Divided and this application April 14, 1937, Serial No. 136,866
6 Claims. (Cl. 188—62)



1. Railway braking apparatus comprising a first and a second braking bar each comprising a brake shoe secured to a brake beam and each extending parallel to a track rail on opposite sides of the rail, a bolt extending through clearance holes in both brake beams and a clearance hole in the rail web in such manner that the braking bars are slidably supported for movement toward and away from the rail by means of said bolt, means for adjustably securing said bolt to the one brake beam, a fluid pressure motor connected with said bolt and with the other brake beam and effective when supplied with fluid pressure for biasing the braking bars toward the track rail to positions in which the brake shoes will frictionally engage the opposite side faces of car wheels traversing said rail, and means for limiting the movement of said braking bars toward the track rail.

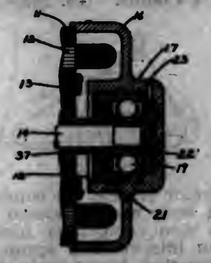
2,104,187
RAILWAY BRAKING APPARATUS
Harold C. Clausen, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Original application June 16, 1936, Serial No. 85,506. Divided and this application April 16, 1937, Serial No. 137,317
3 Claims. (Cl. 188—62)

1. Railway braking apparatus comprising two levers disposed on opposite sides of a track rail and slidably supported adjacent their lower ends on the rail flanges, braking bars secured to the upper ends of the levers, a bolt extending with clearance through an opening in each lever and an aligned opening in the track rail and provided at one end with a head and at the other end with a washer and a nut, a shoulder formed on said bolt between the one lever and the rail, a first



compressed coil spring surrounding said bolt between said one lever and said shoulder, a second compressed coil spring surrounding said bolt between the rail and the other lever, and a fluid pressure motor connected between the lower ends of the levers for rotating the levers about the bolt head and said washer as fulcrums to positions in which the brake shoes will frictionally engage the opposite side faces of car wheels traversing the track rail.

2,104,188
SEAL FOR BALL BEARING STRUCTURES
Frederick W. Cotterman, Dayton, Ohio, assignor to Bessie D. Apple, Dayton, Ohio
Application January 7, 1935, Serial No. 674
4 Claims. (Cl. 288—1)



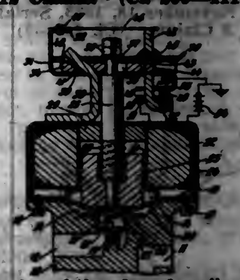
1. For pressing into and sealing the space between the outside of a shaft and the inside of a bearing supporting hub which surrounds the shaft at some distance therefrom, an oil seal comprising two axially spaced apart metal plates slightly smaller in diameter than the inside of said hub and having central openings slightly larger in diameter than said shaft, a cork washer concentrically positioned between said plates having an outer diameter slightly larger than the inside of said hub, a felt washer concentrically positioned in said cork washer between said plates having an inner diameter slightly smaller than said shaft, and a spacing tube extending from one plate to the other between said cork and felt washers holding said plates spaced and in frictional contact with said cork washer, whereby adhesion of said cork to said bearing supporting hub comprises the sole means to prevent the rotation of said shaft from rotating said oil seal.

2,104,189
METHOD OF MOLDING THERMOPLASTICS
Frederick W. Cotterman, Dayton, Ohio, assignor to Bessie D. Apple, Dayton, Ohio
Application April 27, 1935, Serial No. 18,531
8 Claims. (Cl. 18—59)



1. The method of making a dynamo electric machine stator which comprises placing a winding on the stator core with winding heads extending axially beyond the ends of the core, filling the voids in the winding with a fluid insulation, holding the winding heads to a definite size and shape in a forming envelope while partly drying out said insulation, removing the forming envelope, cold-molding shells of thermoplastic compound under intense pressure, assembling the shells around the winding heads, placing the assembled structure in a close fitting baking envelope, baking the envelope and contents, then removing the baking envelope.

2,104,190
CIRCUIT BREAKER
Steve Dotter, Detroit, Mich.
Application January 2, 1935, Serial No. 57,149
12 Claims. (Cl. 200—111)



1. In a device of the class described, a solenoid including a reciprocating plunger, a guide mounted on said plunger, a slide in said guide, a cam on the housing of said solenoid adapted to cooperate with said slide and impart a sliding movement thereto during the reciprocation of said plunger, a stationary contactor on said guide, a second cam formed on said slide, a movable contactor adapted to follow said second cam into and out of contact with said stationary contactor, and means for imparting rapid break action to said contactors.

2,104,191
MIXING APPARATUS
Joe M. Flynn, Bessemer, Ala.
Application February 16, 1937, Serial No. 126,095
5 Claims. (Cl. 259—4)

1. Mixing machine comprising a frame, a plurality of hoppers arranged in side by side relation toward one end of said frame, an upwardly inclined screw conveyor for each hopper, a trough inclined upwardly in the same direction as said screw conveyors having its lower end beneath the high ends of said screw conveyors, a belt conveyor in said trough, a chute flaring upwardly toward said screw conveyors and embracing the discharge ends thereof, converging downwardly toward said trough and communicating therewith adjacent the lower portion of said belt conveyor where material is discharged from said screw conveyors upon said belt con-



veyor, and transverse mixing troughs, arranged in superposed serial relation toward the opposite end of said frame beneath the upper end of said belt conveyor in communication with the upper end of said chute for receiving material from said belt conveyor, and a final discharge for the lowermost of said mixing troughs.

2,104,192
ORTHODONTIC APPLIANCE
James W. Ford, Chicago, Ill.
Application August 19, 1935, Serial No. 36,803
9 Claims. (Cl. 32—14)



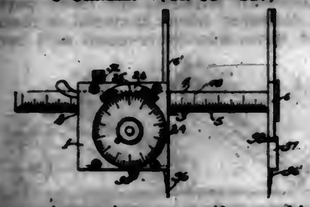
2. In an appliance of the character described, the combination with a tooth band, of an anchoring device carried by said tooth band and adapted to receive an arch-bar, a locking device carried by and rotatably mounted within said anchoring device and adapted also to receive the arch-bar, and means carried by the locking device and overlying the arch-bar at a point in its range of movement to hold the arch-bar within the anchoring and locking devices.

2,104,193
CHAIN CONNECTER
Oscar L. Gerwig, Pittsburgh, Pa.
Application January 22, 1937, Serial No. 121,775
4 Claims. (Cl. 24—236)



1. In a chain connecter of the class described, a hook-member comprising a hook at one end for detachably securing thereto a link of one end of a chain and a shank-member having at the outer end means for permanently attaching thereto a link of the other end of a chain; a pliable sleeve-member cored to two diameters, the larger core enclosing said hook and the smaller core enclosing part of said shank-member, and means to hold said sleeve-member on said hook-member.

2,104,194
MICROMETER GAUGE
Paul Gleaston, Philadelphia, Pa.
Application August 20, 1934, Serial No. 740,549
9 Claims. (Cl. 33—147)



1. In a micrometer gauge, the combination of a member providing a slideway and having a caliper element connected therewith, a slide movable along said slideway and having a second caliper element connected therewith, a cam for exerting pressure against said slide to produce relative movement between the cam and slide and vary the distance between said elements, and means including a toothed member for detachably connecting said second caliper element and slide.

2,104,195
CARTON
Charles Greeling, Chicago, Ill., assignor to Parke, Davis & Company, Detroit, Mich., a corporation of Michigan
Application November 25, 1935, Serial No. 51,517
3 Claims. (Cl. 229—33)



1. A carton comprising a fashioned and scored blank foldable to form a rectangular receptacle and including a hinged cover, a segmental end flap on said cover movable therewith and concentric with the hinge, a concave segmental stationary end flap also concentric with said hinge and cooperating stops on said segmental flaps for limiting the outward swinging movement of said cover.

2,104,196
DISPOSABLE DUSTER BRUSH
Dewey E. Harmon, Dallas Center, Iowa
Application April 3, 1936, Serial No. 72,550
3 Claims. (Cl. 300—21)



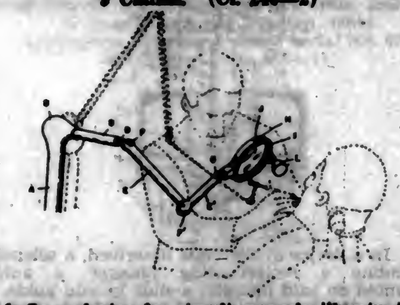
1. The method of making a disposable brush, comprising, the taking of a plurality of uncut rectangular sheets and imposing one on top of the other, the gathering and puckering of all of said sheets along one of their marginal edges, the tightly rolling of said sheets along their gathered and puckered edges to provide an uncut spiral extended brushing edge, and lastly the holding of said sheets by suitable means to prevent their unrolling.

2,104,197
SCREW PRESS
Michal Arnt Johansen, Oslo, Norway
Application February 8, 1934, Serial No. 710,218
In Norway September 12, 1933
1 Claim. (Cl. 100—48)



A screw press comprising an interiorly cylindrical perforate housing of uniform cross section throughout and having an inlet or feed opening through which material may be fed into the housing and an outlet or discharge opening from which the material may be discharged from said housing, a solid imperforate shaft rotatable within the housing and tapering in varying manner from a large end at the discharge opening of the press to a small end at the feed opening, and a continuous integral screw upon said shaft fitting within said cylindrical housing and having a pitch which increases in variable manner in the direction extending from said feed opening toward said discharge opening, the diameter of the shaft remaining approximately uniform at least along the portion thereof which is opposite said feed opening.

2,104,198
MAGNIFYING AND ILLUMINATING DEVICE
Cleve Jones, Detroit, Mich., assignor to Detroit Dental Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application November 12, 1935, Serial No. 50,454
9 Claims. (Cl. 240—2)

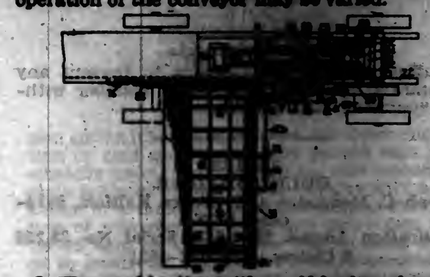


1. In a device for simultaneously illuminating an object and affording magnified vision thereof, a lens, an annular frame in which said lens is mounted, a lamp casing pivotally attached to said frame to be angularly adjustable relative thereto, an electric lamp in said casing, a second annular frame in which said lens frame is revolubly mounted, an adjustable support for said second frame, a conductor for conveying electric current through said adjustable support and second frame, and a ring and brush contact connection between said frames for supplying current from said conductor to said lamp in all positions of relative adjustment of said frames.

2,104,199
BALING PRESS
Frank D. Jones, Ottumwa, Iowa, assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa, a corporation of Iowa
Application September 19, 1932, Serial No. 633,764
13 Claims. (Cl. 100—35)

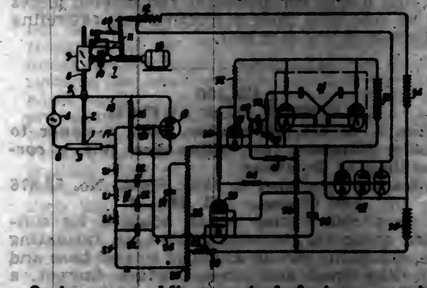
1. The combination with a baling press com-

prising a baling chamber, a feed conveyor for delivering material to be baled to the baling chamber, and a vertically reciprocating feeder head mechanism for feeding the material into said baling chamber, of a driving mechanism for said conveyor, a motion transmitting connection between said feeder head mechanism and said driving mechanism for intermittently operating said driving mechanism by power derived from the movement of said feeder head mechanism in one direction, and means whereby said motion transmitting connection may be adjusted to regulate the extent of operation of each movement of said driving mechanism to control the amount of advance of said conveyor whereby the amount of material delivered to said baling chamber at each operation of the conveyor may be varied.



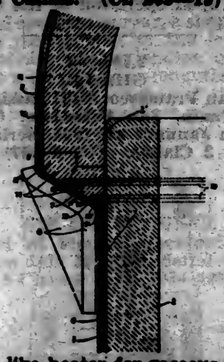
5. The combination with a self feed mechanism having a frame and an endless conveyor supported in said frame, of a driving mechanism adapted to intermittently drive said conveyor, said means comprising a driving arm pivotally mounted on said frame for swinging movement in a vertical plane, a dog pivoted on the free end of said driving arm and adapted to have driving engagement with the conveyor when said arm is swung in one direction, means for swinging said arm in said one direction to advance said conveyor, means for returning said arm to its former position, and operator controlled means for locking said arm against movement.

2,104,200
WELDING CONTROL APPARATUS
Carl J. Kopp, Wauwatosa, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a corporation of New York
Application May 25, 1936, Serial No. 81,557
5 Claims. (Cl. 219—8)



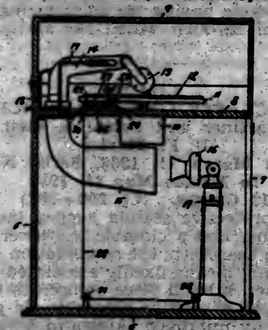
2. An arc welding control device comprising an electrically controlled device for feeding a welding electrode, an impedance, means responsive to the voltage across the welding arc for passing a unidirectional current through said impedance, a second impedance in series with the first impedance, means for passing a fluctuating current through the second impedance, and means responsive to voltage fluctuations produced by the currents passing through said impedances to actuate the electrically controlled device for feeding a welding electrode.

2,104,201
HEATER FOR GASEOUS MEDIA
Heinrich Koppers, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa., a corporation of Delaware
Application September 3, 1936, Serial No. 99,126
In Germany September 4, 1935
3 Claims. (Cl. 263—19)



1. A tower-like heater for gaseous media comprising a substantially cylindrical heater casing with a refractory brickwork inner lining and a dome-like ceiling casing with a refractory brickwork lining connected with the heater casing so that the brickwork lining of the heater casing may project into the interior of the ceiling, said tower-like heater comprising a ring shaped base for supporting the refractory lining of the ceiling and separable therefrom for expansion independently thereof, the brickwork lining of the dome-ceiling being supported on said base independently of the brickwork lining of the heater casing, and the ring shaped base being supported on the heater casing independently of the brickwork lining of the heater casing so that the upper part of the refractory lining of the cylindrical heater that projects into the ceiling may expand and contract freely of the dome-like ceiling lining and its supporting base into the interior of the ceiling.

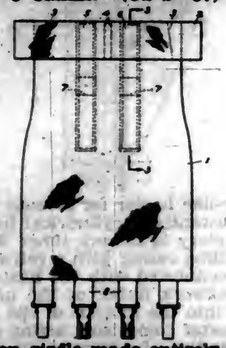
2,104,202
ALARM
George Kratz, Jamaica, N. Y.
Application April 1, 1937, Serial No. 134,390
5 Claims. (Cl. 179—5)



1. In combination, a phonograph including a turntable, a motor for driving the turntable, an

electric circuit including the motor and a manual switch for initially controlling operation thereof, a shunt circuit around the said switch, a turntable operated switch in the said shunt circuit for closing the shunt circuit upon operation of the turntable for subsequently controlling operation of the motor, a telephone instrument including a transmitter and receiver hook, said transmitter being in sound receiving relation with the phonograph, and means between the turntable and the receiver hook for releasing the receiver hook upon operation of the turntable.

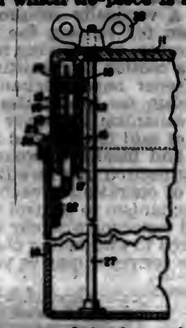
2,104,203
GIRDLE
Sid Levy, San Francisco, Calif., assignor to John Heffman, San Francisco, Calif.
Application January 24, 1935, Serial No. 3,303
3 Claims. (Cl. 2—37)



1. A slip-on girdle made entirely of one piece of two-way stretchable material and being unbroken throughout the length and the circumference thereof and being form fitting to extend from the waist line downward over the hip portion of the body, the girdle having a straight unbroken upper edge, reinforcing means of elastic material overlying the front portion of the upper edge and arranged to leave the rear portion of the upper edge free to respond to bending movements of the body and pockets extending downwardly from the front portion of the upper edge of the girdle on the inside thereof and having staves therein extending vertically downward below the reinforcing means over the abdominal region, the said means bearing on the upper extremities of the staves for exerting gentle pressure on their lower extremities for urging the free ends thereof upon the abdominal region and the pockets having openings facing the girdle material through which the staves may be removed.

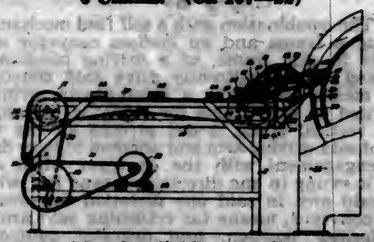
2,104,204
SECURITY LOCKING DEVICE
Juan J. Martinez and Dante S. Cusi, Mexico, D. F., Mexico
Application March 11, 1936, Serial No. 68,245
In Mexico May 21, 1935
12 Claims. (Cl. 292—307)

1. In a protective sealing agency including a cover member and a closable container member cooperating therewith, the combination of chambered housing means fixedly associated with one such member, a latch piece secured to the other member, and a readily severable tie-piece extending as an unbroken safeguard between said housing and the latch piece, the tie-piece when operatively installed to seal the cover being mounted wholly within the interior of the covered container, and which tie-piece is suspended with



a sufficient degree of tautness to prevent any substantial opening of the cover member without rupturing said tie-piece.

2,104,205
DOUGH DIVIDER
Joseph C. Menapace and George Kalfelz, Syracuse, N. Y.
Application August 28, 1935, Serial No. 38,252
6 Claims. (Cl. 107—22)

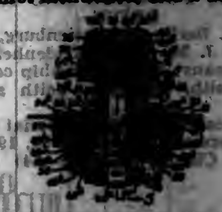


1. A machine for dividing a roll of dough into a plurality of pieces, including a suitable frame, a pair of spaced apart rollers journalled in said frame, an endless conveyor belt operable about said rolls, a plurality of spaced apart cutters mounted on the frame above the plane of the upper run of said belt, means for transferring the roll of dough through said cutters with the axis of the roll extending transversely of the conveyor belt, and means for arranging the severed pieces side by side with their respective axis extending lengthwise of the said belt.

2,104,206
ELECTRIC SNAP SWITCH
George J. Meuer, Milwaukee, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application December 3, 1935, Serial No. 52,676
20 Claims. (Cl. 200—8)

1. In a rotary snap switch adapted for concealed mounting, in combination, an insulating base, a bushing rigidly attached to said base and projecting from the upper surface thereof, a spindle rotatably supported by said bushing, a bridging contactor rotatable in opposite directions about said spindle, means for effecting rotation of said contactor in either direction with a snap action from a given position thereof, said means comprising a cam plate rotatable with said spindle, a second cam plate rotatable with said contactor, a flat insulating plate to which said contactor and said second cam plate are rigidly attached in

insulated relationship to each other, a lug associated with said second cam plate and resiliently biased upwardly toward said base, means comprising a plurality of pairs of shoulders associated with the lower surface of said base, said lug being normally positively engaged with the shoulders of any pair to restrain said contactor and said second cam plate against rotary movement pending release of said lug from said pair of shoulders as an incident to axial movement of said contactor and said second cam plate by said cam plate first mentioned, and a coiled compres-



sion spring interposed between the lower end portion of said spindle and said second cam plate, whereby upon release of said lug said second cam plate is biased by said spring to move with a snap action in a direction corresponding to the direction of movement of said cam plate first mentioned, said lug upon release thereof being adapted to positively engage the next succeeding pair of shoulders, whereby said second cam plate is restrained against additional rotary movement in either direction pending a predetermined degree of rotary movement of said cam plate first mentioned.

2,104,207
AIRCRAFT PROPELLER
Loren L. Miller, Los Angeles, Calif.
Application April 4, 1936, Serial No. 72,720
8 Claims. (Cl. 170—159)



1. A propeller having a hub of distinctly conical form larger at the rear, and blades having each a leading edge disposed to overlap the larger rear end of the hub and a trailing edge joining the larger part of the hub in such a manner as to form clear volute channels from the front end of the hub to curve around the hub under the overlapping leading edges of the blades towards the trailing edges, each of the trailing edges having a channeled portion with forwardly projecting deflecting and guiding edges forming continuing channels in communication with said volute channels and extending radially along the trailing edges of the blades to points where the linear velocity and the form of the blades are such that surplus air received from the center of the propeller along the volute and continuing channels can advantageously be made effective and beyond which points any deflecting edges would create excessive and useless drag.

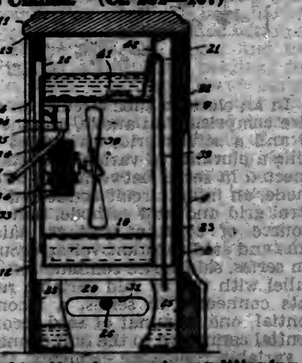
2,104,208
REGISTER
Frederick C. Otterson, Waterloo, Iowa, assignor to Waterloo Register Company, Waterloo, Iowa
Application April 27, 1936, Serial No. 76,541
1 Claim. (Cl. 98—114)

In a device of the character described, a register having an outwardly bent margin, a frame surrounding and seating therein said register and bent in its inner part with a forwardly directed open trough thereabout closed forwardly by said bent margin of the register to be a concentric dead air chamber, the frame having without said chamber a concentric forwardly closed dead air



chamber and open at the rear, a supporting structure closing the opening of the last-mentioned dead air chamber and extending outwardly beyond it, and a plaster layer mounted on the outwardly extending forward face of the supporting structure to be in edge contact with and with its forward face flush with the outer faces of said frame and register.

2,104,209
AIR CONDITIONER
Carl W. Pierson, Rockford, Ill.
Application July 23, 1934, Serial No. 736,474
5 Claims. (Cl. 261—107)



1. The combination in an air conditioning apparatus of an upper tank adapted selectively for the reception of a liquid and a cooling medium, an air channel of highly conductive material disposed through said tank, the walls thereof being cooled by said cooling medium, an absorbent wick adapted in the humidifying function of the device to be partially immersed in said tank and trained over the edge thereof and in the dehumidifying function of the device to be placed out of contact with the fluid in said tank, said wick being disposed across said air channel, means for impelling air through said channel and said wick to cause moisture to be absorbed from said screen in the humidifying function of the device and to cause the air to be cooled in the air channel and moisture therefrom to be deposited upon said wick in the dehumidifying function of the device, and a lower tank disposed below said wick to receive the drip from the wick.

2,104,210
SAFETY SYSTEM OF WATER SUPPLY FOR BIDETS AND THE LIKE
Ippolito Salvesi, New York, N. Y.
Application August 29, 1936, Serial No. 98,619
7 Claims. (Cl. 4—7)

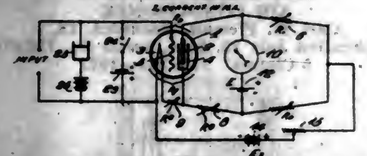
1. A bidet of the character described, adapted to be pivotally mounted on top of a water closet bowl provided with a seat, and to rest upon said

seat, said bidet having a bottom outlet for discharging its contents through the opening in said seat, directly into the bowl, said outlet re-



maining above the level of the rim of said bowl, when the bidet is moved to its operative position upon said seat.

2,104,211
BALANCED ELECTRON TUBE CIRCUITS
Walter Geller, Tucson, Ariz., assignor of one-half to William H. Woodin, Jr., Tucson, Ariz.
Application September 9, 1933, Serial No. 688,833
17 Claims. (Cl. 175—183)



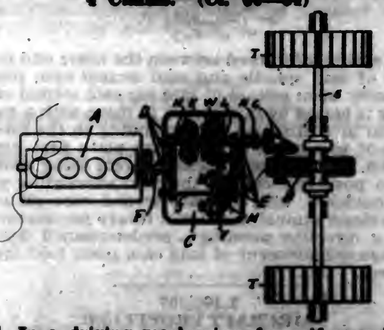
1. In an electron tube circuit, an electron tube device comprising an anode, a cathode, a control grid and a screen grid, an output circuit comprising a plurality of variable resistance elements connected in series between said anode and said cathode, an input circuit connected between said control grid and said cathode, indicating means, a source of constant voltage, said indicating means and said constant voltage source connected in series, said series combination connected in parallel with two of said variable resistance elements connected in series, a second source of potential, one terminal of said second source of potential connected to the mid connection of said two variable resistance elements, the other terminal of said second source of potential connected to said cathode, means for externally varying the potential on said control grid through said input circuit, and means including said source of constant voltage for normally maintaining a balance of potential across said indicating means.

2,104,212
HEATING STOVE
Guy M. Tayler, Houston, Tex.
Application April 13, 1936, Serial No. 74,160
2 Claims. (Cl. 299—20)



1. In a humidifier a water reservoir, an opening in the top of said reservoir, a wick holder adapted to operate through said opening, a wick in said holder, an open work frame adapted to hold said wick in place, the free end of said wick extending down into said water reservoir, rack faces on said wick holder, a rod extending lengthwise of said holder having gear teeth adapted to mesh with said rack faces, means for turning said rod to move said wick holder.

2,104,213
HYDRAULIC FORWARD AND REVERSE DRIVE
Karl Umlauff, Berlin-Charlottenburg, Germany, assignor to J. M. Voith, Heidenheim-an-the-Brenz, Germany, a copartnership composed of Walther Voith, Hermann Voith and Hanns Voith
Application December 24, 1936, Serial No. 117,633
In Germany December 21, 1935
4 Claims. (Cl. 60—54)



1. In a driving mechanism for self-propelling carriers driven by internal combustion engines, an engine shaft, a pair of intermediate shafts operatively connected to said engine shaft for rotation thereby, a propelling shaft, a hydraulic torque converter on each intermediate shaft, and each having its input side connected to its respective intermediate shaft, and means connecting the output sides of said hydraulic torque converters with said propelling shaft and arranged to rotate said propelling shaft in opposite directions relatively to said engine shaft, one of said torque converters being connected to drive said propelling shaft forwardly from said engine shaft up to a predetermined speed and having a hydraulic coupling associated therewith, said hydraulic coupling being connected to selectively take over the drive from said associated torque converter beyond said predetermined speed.

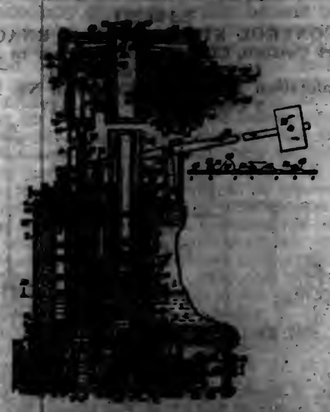
2,104,214
SHOWCASE
Raoul J. Vesino, Springfield, Mass.
Application March 26, 1936, Serial No. 69,927
3 Claims. (Cl. 312—128)

2. A combination case for store merchandise having both open display shelves and concealed storage space comprising, a supporting frame divided into a plurality of compartments, each compartment having an open front for the reception of a drawer horizontally slidable thereinto, said compartments being successively deeper from the top to the bottom of said supporting frame, and a plurality of box-like drawers slidable into said compartments each having a front wall the upper edge of which is substantially flush with the upper front of its compartment when the drawer is in its place in the compartment and the lower edge of which is back from the lower front of said compartment, said drawer having a display shelf which is substantially an extension of the bottom of said drawer



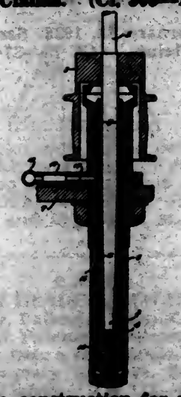
extending forwardly of the front wall of the drawer over the lower front of the compartment and slightly beyond, the combined result of all the display shelves being to provide terraced open display shelving.

2,104,215
METHOD AND APPARATUS FOR FEEDING MOLTEN GLASS
Frank L. O. Wadsworth, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana
Application March 21, 1934, Serial No. 716,636
24 Claims. (Cl. 49—55)



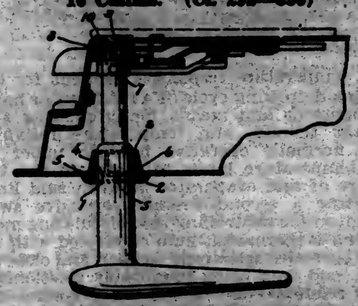
5. A feeder for plastic material such as molten glass, comprising a container for such material, a supplemental supply chamber having a flow orifice communicating therewith, a collecting chamber between said supply chamber and said container, means for establishing and cutting off communication between said collecting chamber and said container, a counterbalanced implement extending into and floating on the material in said supply chamber and means for periodically moving said implement toward the orifice to force the material contained therein through said orifice.

2,104,216
BOLSTER
George Frederic Albrecht, Saco, Maine
Application June 6, 1935, Serial No. 25,379
5 Claims. (Cl. 308—155)



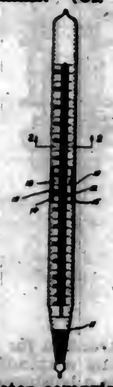
1. A spindle construction for spinning frames or the like comprising a spindle base having a bolster-receiving bore, a bolster seated within said bore in the spindle base, the upper and lower parts of the bolster constituting bearings for a rotary spindle, such upper and lower parts at least of the bolster being of a substantially rigid, oil-absorbent, metalliferous material having a porous structure including a multitude of microscopic capillary passages, and means for delivering oil to the bore in the spindle base for absorption by said bearing portions of the bolster, the bolster being closed at its lower end, the capillary passages in the material of the bolster constituting the only means of ingress for oil from the exterior to the interior of the bolster.

2,104,217
HANDLE ASSEMBLY ESCUTCHEON
Stuart C. Barnes, Detroit, Mich.
Application July 1, 1935, Serial No. 29,237
16 Claims. (Cl. 292—356)



1. In a handle assembly, a handle bushing in combination with a door panel having an aperture and a fixed lock with an outside handle stem and a roll-back having an aperture therein for the said handle stem and comprising a sleeve arranged to rotatably support the handle stem in its various positions of misalignment with respect to the center of the door aperture and surrounded with resilient means capable of yieldingly floating and anchoring the bushing in the door panel and in which the yieldable portion is distortable to compensate for the misalignment.

2,104,218
THERMOMETER
Max F. Retzold, Charles Rassbach, and Charles A. Terp, Chicago, Ill., assignors to Rassbach & Retzold, Inc., Chicago, Ill., a corporation of Illinois
Application February 18, 1936, Serial No. 64,479
2 Claims. (Cl. 73—374)



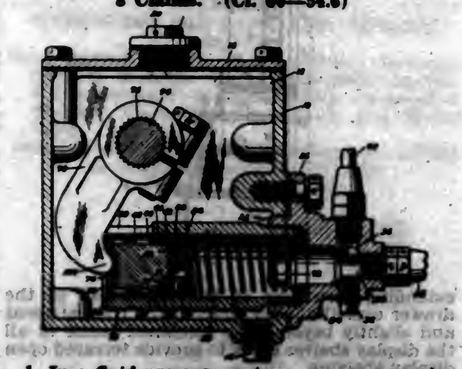
1. A thermometer comprising temperature-indicating means, a glass chamber enclosing said temperature-indicating means and a layer of tough transparent coating material over the outer surface of said glass.

2,104,219
FROST CONTROL
Abraham Biezen, Plainfield, N. J., assignor to Nowak Refrigeration and Appliance Co., Plainfield, N. J., a corporation of New Jersey
Application September 26, 1935, Serial No. 42,191
6 Claims. (Cl. 62—4)



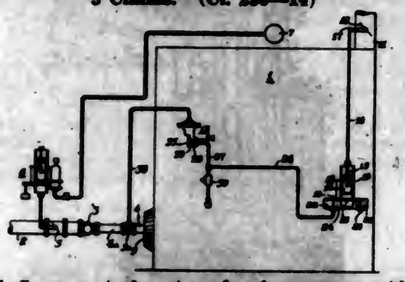
2. A temperature responsive element for controlling a defrosting cycle of a refrigerator having an evaporator and means for circulating a refrigerant therein, and temperature responsive means normally operative between upper and lower temperature limits to maintain the temperature of said evaporator between said limits, comprising a second thermo-responsive switch mechanism for controlling said circulating means including a thermostat bulb connected with said switch operative selectively to open and close said switch, said bulb being immovably positioned in spaced relation close to the lower portion of a surface of the evaporator so as to be flooded with ice water during a defrosting cycle, said second thermo-responsive means operating to render said refrigerant circulating means ineffective when the layer of frost on the evaporator approaches and reduces the temperature of said thermostat bulb to a predetermined value, a metal plate member integral with said bulb, said plate member extending parallel to the plane of the surface of the evaporator, and a series of metal fin members projecting laterally from said plate into the surrounding air for collecting and transmitting to said plate and bulb the temperature of said air upon the cessation of flow of ice water over said plate.

2,104,220
HYDRAULIC BRAKE SYSTEM
Herbert C. Bowen, Detroit, Mich., assignor to Hydraulic Brake Company, Detroit, Mich., a corporation of California
Application February 4, 1935, Serial No. 4,790
2 Claims. (Cl. 60—54.6)



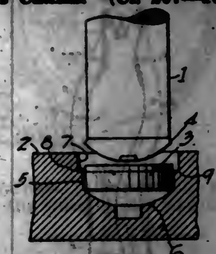
1. In a fluid pressure system, a compressor including a cylinder and a piston reciprocable therein, said piston comprising relatively movable parts, a sealing cup on the piston distortable into fluid passing condition upon relative movement of the parts in one direction, mechanical means for relatively moving said piston parts to distort said cup to permit flow of fluid therepast, and means for effecting relative movement of the parts in the opposite direction.

2,104,221
CONTROL SYSTEM FOR FURNACES
Robert Colston, Chicago, Ill., assignor to John M. Heywood, Dermont, Pa.
Application June 22, 1935, Serial No. 27,962
5 Claims. (Cl. 236—14)



1. In a control system for furnaces provided with a supply of fluid fuel and means for supplying air thereto for combustion of the fuel, a metering device including spaced orifices, one fixed and one adjustable, connected to pass one of the fluids—air or fuel—essential to combustion at a rate that varies with the rate of supply of the other of them, means responsive to the pressure between said orifices for regulating the rate of flow of the one of said elements to the furnace in accordance with the rate of flow of the other thereto, and means for varying the rate of flow through the metering device in accordance with the rate of supply of the other of said elements to change the pressure between said orifices.

2,104,223
METHOD OF EXTENDING METAL CONTAINERS
Henry Deaker, Bayonne, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
Application September 27, 1932, Serial No. 635,007
2 Claims. (Cl. 207—10)



1. The method of producing, in a single operation, a tubular metal article having a varying wall thickness and having a constant internal diameter throughout a substantial portion of its length, which comprises placing a metal blank within a die cavity open at one end and at least substantially closed at the other end, said cavity having a portion adjacent the open end with a diameter substantially equal to the largest external diameter of said tubular article and having a portion disposed inwardly therefrom with a uniform diameter substantially equal to a smaller external diameter of said tubular article and having a shoulder between the two said portions, said blank having a maximum diameter not greater than that of the said portion of the cavity of smaller diameter and being disposed in said portion and having sufficient depth to extend outwardly past said shoulder into the portion of the cavity of larger diameter, applying pressure to the outwardly disposed surface of said blank through the open end of said cavity by means of a punch having near its pressure-applying end a diameter substantially equal to the internal diameter of said tubular article, and continuing to apply pressure by moving said punch into said die cavity to first force metal in excess of that required to fill said inner portion of the cavity toward the wall of the larger outer portion of the cavity and outwardly along said wall in a direction opposite to the direction of movement of the punch, thereby extending a thickened wall portion of said tubular article between the punch and the wall of the larger portion of the cavity, and to secondly extrude a tapered wall portion of said tubular article integral with the thickened wall portion through the narrowing orifice between the punch and the shoulder in the die cavity and to then extrude a thinner wall portion of said tubular article integral with said tapered wall portion, the movement of the extruded metal being in a direction opposite to the direction of movement of the punch with respect to the die throughout all stages of the process.

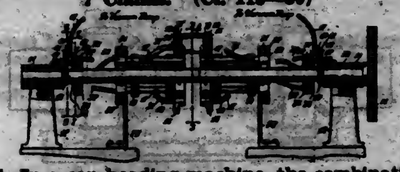
2,104,222
UTILITY CABINET
Herman Feinburg, San Francisco, Calif.
Application April 7, 1936, Serial No. 73,121
3 Claims. (Cl. 248—2)

1. A utility cabinet of box-like form, one of the lateral side walls of said cabinet being slanted and having an opening therein fitted with a substantially similarly slanted glass panel, a supply of writing paper within the cabinet adjacent said panel, an electric bulb in an electric circuit behind said panel and adjacent thereto, means formed in the wall fitted with said panel for passing paper from said supply over the outer side of said panel and means for securing said paper



against the outer side of the panel for writing thereon, a switch in said electric circuit for turning said bulb on and off, the top of said cabinet having an opening therein for obtaining access to said paper and light bulb, and a removable closure.

2,104,224
CAN HEADING MACHINE
Adam J. Fisher, Palisades Park, N. J., assignor to International Patents Development Company, Wilmington, Del., a corporation of Delaware
Application January 31, 1935, Serial No. 4,299
7 Claims. (Cl. 113—30)



1. In a can heading machine, the combination of a rotating shaft; can supporting means on the shaft and rotatable therewith comprising a supporting abutment member for one end portion of the can body and a heading member for supporting the other end of the can body and the head to be applied thereon, there being a vacuum duct opening through a portion of the heading member in close relation to the can head supported thereon; a valve element having a fixed position on said shaft and rotatable therewith and formed with a vacuum duct; a tubular connection between said last named duct and the vacuum duct in the heading member; a non-rotating valve element arranged against the rotating valve element and having an elongated vacuum duct with which the duct in the rotating valve element registers during a predetermined rotational movement of said shaft; and means for moving the heading member lengthwise of said shaft, during the registry of said vacuum ducts of said valve members, to force the can head upon the can body.

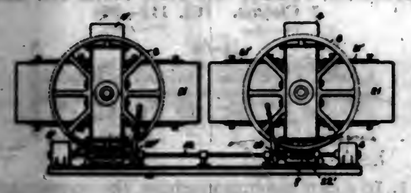
2,104,225
PISTON RING EXPANDER
Fred H. Given, Hagerstown, Ind., assignor to The Perfect Circle Company, Hagerstown, Ind., a corporation of Indiana
Application September 23, 1935, Serial No. 41,743
5 Claims. (Cl. 309—43)



5. An integral piston ring expander which includes a supporting band adapted to be mounted

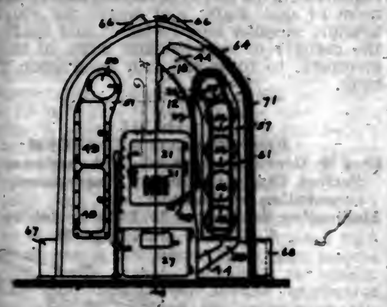
in a piston ring groove behind a piston ring therein, a spring member having an intermediate portion of substantial length and of a width throughout substantially equal to the width of said band, a neck portion extending substantially the length of said intermediate portion and supporting the latter from one edge of said band, similarly-shaped spring arms carried by and extending from the opposite ends of said intermediate portion in overlying spaced relation to the outer face of said band, said spring arms being so shaped that their outer ends are of substantially the width of said band, neck and intermediate portion, and the cross-sectional area of each said arm is gradually and uniformly reduced from said intermediate portion to the outer end thereof.

2,104,226
GYRO STABILIZER
Miguel S. González, Mexico D. F., Mexico
Application January 26, 1934, Serial No. 708,460. Renewed November 16, 1937. In Mexico January 25, 1933
1 Claim. (Cl. 74—5)



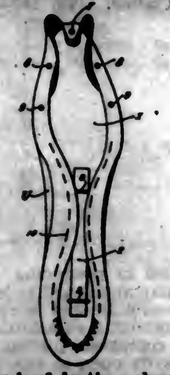
A gyro stabilizer comprising a plurality of gyroscopic units, a common shaft for precessing both of said units, a plurality of precession motors mounted on said shaft, gearing connecting each stabilizer with said shaft, and a clutch connecting each of said gears with said shaft, whereby one or more of said stabilizers may be disconnected from said shaft when desired.

2,104,227
FURNACE
Gene J. Judd, Indianapolis, Ind.
Application January 20, 1936, Serial No. 59,830
6 Claims. (Cl. 126—99)



1. In a furnace, a combustion chamber, a plurality of vertically disposed fins about the exterior of the chamber, a heat radiator positioned across the fins whereby air passageways are defined between the chamber and the radiator and adjacent fins and straps securing the radiator to the fins.

2,104,228
PROCESS OF LASTING FOOTWEAR
Jacob S. Kamberian, West Newton, Mass., assignor to Northern Machine Co., Inc., Boston, Mass., a corporation of Massachusetts
Application July 19, 1932, Serial No. 623,068
10 Claims. (Cl. 12—145)



1. That method of lasting shoes which comprises as steps assembling an upper and an insole upon a last, pulling the upper over the forward part of the last, mounting the last in a bed-lasting machine having wipers capable of wiping the margin of the upper over the bottom of the insole at the toe and along the sides of the forepart substantially as far back as the shank, advancing said wipers so as to wipe said marginal material over onto the bottom of the insole, moving the wipers outwardly but without withdrawing their inner edges beyond the edge of the insole, thereby to free the edge of said marginal material while holding the upper in lasted position on the last by means of the wipers, introducing rubber latex between the freed edge portion of the marginal material and the bottom surface of the insole, again advancing the wipers to press said edge portion against the insole, lifting the wipers and introducing a heated presser device between the wipers and the marginal material, said presser device being of such dimensions as to cover substantially all of said marginal material at the toe portion and along the sides of the forepart, moving the wipers downwardly thereby to apply pressure to said presser device, and holding the parts in said position until the latex has set.

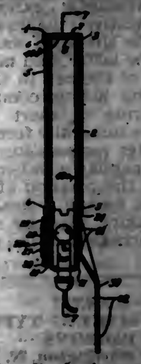
2,104,229
BOILER
Joseph F. Kelly, Arlington, Mass., assignor to Kelly Oil Sales Corporation, Arlington, Mass., a corporation of Massachusetts
Application September 23, 1935, Serial No. 42,662
12 Claims. (Cl. 122—170)

1. The combination with a boiler having a combustion chamber, a water space about said chamber and an opening from the exterior to said chamber, of a subsidiary water unit comprising upper and lower manifolds disposed laterally of the center of said chamber, each manifold being connected to said water space and disposed horizontally within said combustion chamber, and a plurality of pipes, each coiled about a vertical axis and each communicating at its upper and lower ends, respectively, with said upper and lower manifolds, the outer radius of each coil being less than the distance from its said axis to said manifolds, the terminal portions of each pipe being generally horizontal and sloping horizontally toward the inlet ends



of said manifolds, said terminal portions being attached to the sides of said manifolds.

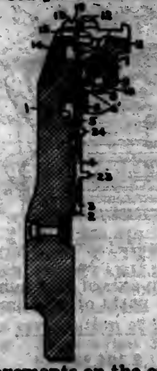
2,104,230
LICENSE PLATE CARRIER
John Kiss, Cleveland, Ohio
Application April 16, 1937, Serial No. 137,366
3 Claims. (Cl. 40—133)



2. A device for displaying conventional opaque license plates for vehicles, comprising a generally rectangular flat casing which is open at the back for substantially its full height and breadth, means to removably support such license plate at the rear portion of the casing so that it is exposed through said back, the top and side walls of the casing relatively overhanging the plate adjacent its identifying face, a sub-casing portion below the plate having front, rear and bottom walls connected to lower portions of the rectangular casing, the sub-casing being open at the top, means for mounting a light in the sub-casing, some of the wall surfaces of the sub-casing being of light reflective character to direct rays from such light upwardly for illuminating the plate, and a bracket for supporting the device on a vehicle, said bracket being secured rigidly to a wall portion of the sub-casing.

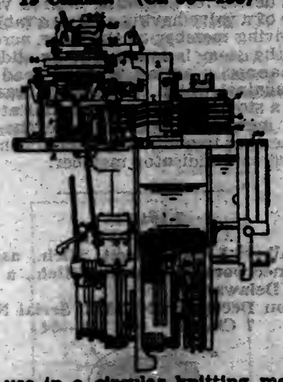
2,104,231
KNITTING MACHINE
Robert H. Lawson, Pawtucket, R. I., assignor to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application October 19, 1936, Serial No. 637,664
4 Claims. (Cl. 66—107)

1. A needle bed having needles, instrumentalities for cooperating with the needles in the drawing of stitches and jacks for actuating said instrumentalities, the jacks being mounted in the same slots as companion needles and supported



for sliding movements on the outer edges or faces of the companion needles.

2,104,232
KNITTING MACHINE
Robert H. Lawson, Pawtucket, R. I., assignor to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application September 14, 1933, Serial No. 689,449
19 Claims. (Cl. 66—125)

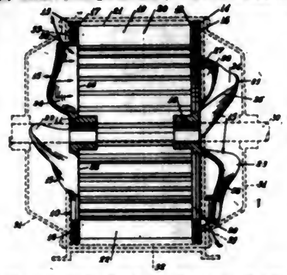


3. For use in a circular knitting machine of the independent needle type, a head consisting of a rotary cylinder within which are mounted vertically slidable guides, and a relatively stationary cam mechanism adapted to impart sliding movements to the thread guides, the said vertical movements of the thread guides assisting in effecting the wrapping of closely adjacent groups of needles with different wrap threads.

2,104,233
BLOWER
William H. Leinweber, Chicago, Ill.
Application July 29, 1936, Serial No. 93,377
7 Claims. (Cl. 230—119)

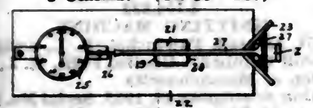
1. A blower comprising a pair of air impellers each having a hub member aligned co-axially with the other and each having blade members attached to their respective hub members and having formations extended axially in advance of said hub member, each said impeller having an annulus extended around and attached to the radial extremities of said blades, each of said

blades having an opening adjacent its said radial extremity, and a plurality of vanes arranged



around the common axis of said hubs between the respective annular parts of said impellers.

2,104,234
VALVE STEM CLEARANCE CHECK
August C. Linne, Indianapolis, Ind.
Application May 22, 1936, Serial No. 81,180
3 Claims. (Cl. 33—147)



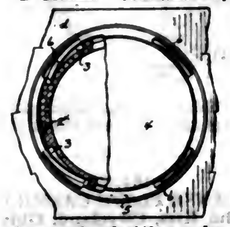
1. In a device for obtaining desired valve stem clearance of a valve having a stem, a table, a valve stem receiving member on the table, across which member the stem is longitudinally slidable in a guided manner, a spring, a valve head abutting member against which the head is urged by the spring to a stopped position, and indicator means having a member directed toward the stem receiving member to abut the end of a stem extending toward said indicator member.

2,104,235
TIRE COVER
George Albert Lyon, Detroit, Mich., assignor to Lyon Incorporated, Detroit, Mich., a corporation of Delaware
Application December 24, 1935, Serial No. 56,066
7 Claims. (Cl. 150—54)



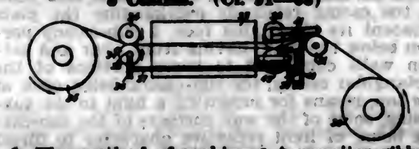
1. A cover formed to shield the outer side of a tire and provided with an annular reentrant groove for enhancing the appearance of the cover and for providing the cover with a rearwardly projecting annular flange adapted to be engaged by cover-retaining means, said cover having an outer peripheral means of such diameter as to engage guidingly the tire for guiding the cover into engagement with the retaining means.

2,104,236
INDICATING CLOSURE FOR BOTTLES
Irving L. Mermer, Yonkers, N. Y.
Application April 6, 1936, Serial No. 72,957
1 Claim. (Cl. 215—7)



A safety closure for bottle necks and the like, comprising a caplike member having an upper wall and a downwardly extending annular threaded wall, a relatively narrow annular skirt depending from the threaded wall and extending angularly of the latter, and means for bonding the skirt area of the cap to the neck of the bottle, said bonding means comprising a normally horizontal ring of short closely spaced prong-like members integrally formed in the skirt and adapted to enter recesses formed in a bottle neck to which the caplike member is applied and to act as pawls in the rotation of the cap, each prong-like member having a weakened wall attaching it to the skirt, whereby rotation of the closure will effect breaking of the pawls from the skirt.

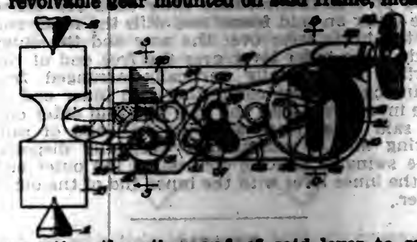
2,104,237
METHOD OF MAKING TYPEWRITER RIBBONS
Samuel A. Neidich, Burlington, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Original application February 28, 1936, Serial No. 66,239. Divided and this application June 30, 1936, Serial No. 88,124
8 Claims. (Cl. 91—68)



1. The method of making a typewriter ribbon which comprises subjecting a cellulose acetate weave at spaced regions to the action of a solvent such as acetone and subsequently passing the weave through an ink bath.

2,104,238
LATHE TOOL
Kenneth N. Nichols, Chicago, Ill.
Application April 20, 1936, Serial No. 75,276
7 Claims. (Cl. 82—12)

1. A lathe tool comprising a frame, a longitudinally movable member mounted on said frame, a transversely movable member mounted on said first named member, a cutting tool carried by said last named member, a lever pivoted to said first named member, one end of said lever being operatively connected to said second named member, a revolvable gear mounted on said frame, means



connecting the other end of said lever to said gear, and manually operable means connected to said gear for transmitting an arcuate movement of a perfect circle to said tool.

2,104,239
SPRING FASTENER
Bion C. Place, Detroit, Mich., assignor of one-half to George E. Gagnier, Detroit, Mich.
Application August 7, 1935, Serial No. 35,169
1 Claim. (Cl. 85—5)



A one-piece spring stud fastener complete in itself and designed to be sprung into a perforation in a sheet metal structure, comprising a head and a shank consisting only of a pair of resilient legs disposed directly opposite each other with the ends of the legs remote from the head in close proximity, said legs having smooth edge surfaces that diverge from the end of the shank toward the head, and recesses formed in said legs from said edge surfaces of a width exceeding the thickness of said structure and providing sharply defined holding shoulders approximately normal to the length of said shank.

2,104,240
LACQUER-UNDERCOAT PROTECTIVE COATING
William L. Pringle, Chicago, Ill., assignor to United States Gypsum Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application July 29, 1931, Serial No. 552,070. Renewed April 7, 1934
16 Claims. (Cl. 91—68)

15. A finishing system comprising a bare plaster or like base having adhering thereto at least one coat of a casein-containing undercoating, the last coat of said undercoating containing at least 15% casein, and said undercoating having adhering thereto at least one coat of a nitrocellulose brushing lacquer.

2,104,241
PHONOGRAPHIC TURNTABLE
Barton A. Frazier, Lansdowne, N. Y., assignor to R. A. Frazier Company, Inc., New York, N. Y., a corporation of New York
Application July 5, 1934, Serial No. 733,733
6 Claims. (Cl. 274—39)

1. The combination with a phonograph turntable comprising a flexible platen and means for effecting a fixed adjustment of the platen fixing the margin of the platen in a different plane from the central portion thereof, of a phonograph disk,

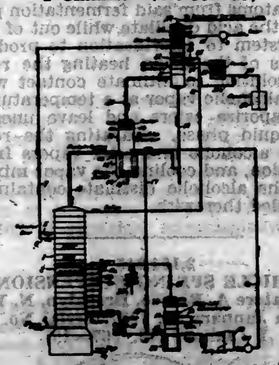


and pressing means cooperative with the platen for flexing said disk to effect a planar adjustment of said disk.

2,104,242
COMPOSITION OF FATTY MATTER AND PROCESS OF STABILIZING SAME
Albert S. Richardson, Wyoming, Ohio, assignor to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application January 30, 1935, Serial No. 4,124
15 Claims. (Cl. 87—9)

1. The process of stabilizing against rancidity due to oxidation, fatty materials which are substantially dry and substantially free from organic matter subject to bacterial decomposition, which comprises incorporating therewith a small quantity of a compound selected from the group consisting of phosphorous acid and its acid reacting derivatives.

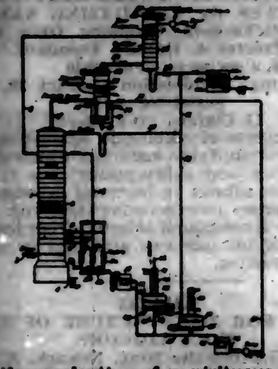
2,104,243
PROCESS FOR MANUFACTURE OF SPIRITUOUS LIQUORS
Frederick Garthewaite Bing, Newark, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y., a corporation of New York
Application May 26, 1934, Serial No. 727,616
4 Claims. (Cl. 99—48)



1. In the manufacture of spirituous liquors by the distillation of a beer containing fatty acids in a continuous column still wherein the beer flows downwardly in the column countercurrent to a rising current of aqueous vapors and is distilled to a residual slop and alcoholic distillate vapors are produced containing around 50% alcohol, the improvement which comprises removing a part of the distillate in vapor form from the column still at a point where acids are near their maximum vapor concentration and intermediate the introduction of the beer and withdrawal of slop, subjecting said distillate to a fractional distillation treatment so as to obtain a liquid acid concentrate containing aliphatic acids having more than four and less than

eleven carbon atoms in the acid molecule and freed from fusel oil and the major part of the water contained in the distillate, and refluxing said alcoholic distillate in intimate association with said acid concentrate.

2,104,244
PROCESS FOR MANUFACTURE OF SPIRITUOUS LIQUORS
Frederick Garthewaite Ring, Newark, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y., a corporation of New York
Application August 1, 1935, Serial No. 34,161
7 Claims. (Cl. 99—48)



1. In the production of a spirituous liquor in a distillation system wherein a stream of alcoholic vapor is distilled from a fermentation product, the improvement which comprises separately distilling off aliphatic acids containing between 2 and 11 carbon atoms from said fermentation product, subjecting the acid distillate while out of the distillation system to esterification to produce the ethyl esters of the acids, heating the resultant esterified solution in intimate contact with the stream of alcoholic vapor at a temperature sufficient to vaporize esters and leave unesterified acids in liquid phase, separating the resultant mixture of alcoholic and ester vapors from the liquid solution, and cooling the vapor mixture to condense the alcoholic distillate containing the esters blended therewith.

2,104,245
VEHICLE SPRING SUSPENSION
Salvatore A. Romeo, Brooklyn, N. Y.
Application January 19, 1937, Serial No. 121,249
1 Claim. (Cl. 267—19)



A vehicle spring suspension, comprising in combination with vehicle frame, axle and supporting spring, said spring being connected intermediate its ends with said axle and connected at one end with said frame and means for connecting the other free end of said spring with the frame, including two substantially straight and generally parallel levers in end-to-end relation pivoted intermediate their ends one above the other on said frame and with the inner end of the inner lever over the axle and the outer end of the outer lever over the free end of the spring, substantially vertically arranged free swinging shackles connecting said inner end of the inner lever with the axle and said outer end of said outer lever with the free end of said spring and a substantially vertically disposed free swinging shackle connecting the outer end of the inner lever with the inner end of the outer lever.

2,104,246
CENTRIFUGAL VACUUM PUMP
Morris A. Schwartz, Los Angeles, Calif.
Application June 22, 1935, Serial No. 27,990
13 Claims. (Cl. 103—83)



1. In a device as described, a rotary structure having an open front channel and a face for flow of a first fluid under the influence of a centrifugal force over the channel, the channel having an elongated exposed opening to the first fluid, a conduit inserted in the channel for flow of a second fluid into the channel under the influence of a vacuum created in the channel, the second fluid being discharged from the channel in part by centrifugal force developed by the rotation of the structure and in part by the flow of the first fluid.

2,104,247
LOADING MACHINE
William W. Sloane, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application May 8, 1936, Serial No. 78,669
10 Claims. (Cl. 198—8)



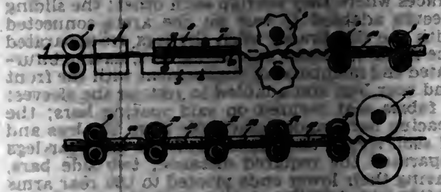
1. In a loading machine, an inclined conveyer, an apron disposed above and parallel to said conveyer and extending along each side of said conveyer, and gathering mechanism on said apron and movable along opposite sides of said conveyer for gathering and moving material onto said conveyer, said apron having portions extending along opposite sides of said conveyer and having a forward end extending across the front of said conveyer and downwardly and forwardly therefrom to the ground at a steeper angle than the angle of the portion of said apron which extends along said conveyer, and said gathering mechanism being guided to travel in planes parallel to the upper plane surfaces of said apron.

2,104,248
ORNAMENT
Joseph W. Hauck, [illegible], assignor to General Ribbon Corporation, New York, N. Y., a corporation of [illegible]
Application February 10, 1936, Serial No. 63,157
2 Claims. (Cl. 41—10)



2. As an article of manufacture, an ornament comprising a strip of ribbon formed into a bow or rosette having between its ends a normally irregular and uneven intermediate surface portion and other portions which are flat and provided with means on the outer side thereof covering said irregular surface portion and not substantially larger than the latter and forming a substantially flat and smooth surface to facilitate the adhesive attachment of said intermediate surface portion of the bow directly to an article to be ornamented thereby, said means comprising a flat piece of material adhesively attached to the "wrong" side of the bow.

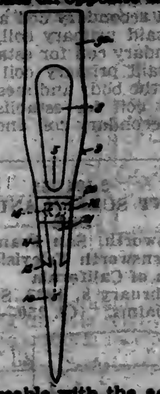
2,104,249
MANUFACTURE OF EXPANDED METAL
Michael G. Vass, Maywood, Ill., assignor to United States Gypsum Company, Chicago, Ill., a corporation of Illinois
Application February 9, 1935, Serial No. 5,624
33 Claims. (Cl. 164—0.5)



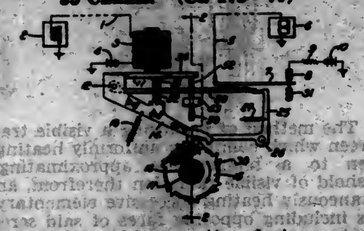
16. A method of expanding sheet material comprising slitting and corrugating the material to provide it with a plurality of series of offset portions having cut edges formed by the slitting operation, some of said series being spaced a substantial distance from the side edges of the sheet, and causing lateral pressure to be exerted on the cut edges of said plurality of series to cause them to travel in diverging directions to expand the slitted material.

2,104,250
AX
John M. Williams, Marion, Mont.
Application August 14, 1936, Serial No. 96,035
3 Claims. (Cl. 145—2)

2. In a structure of the class described, an ax head bifurcated at one end to form an open-ended channel constituting a keyway, a renewable bit fashioned at one end with a rib constituting a key, and said key being removably fitted in said keyway, the depth of said channel being such as to space the bottom of the channel from the adjacent parallel inner surface of said rib to define a bolt accommodation space, a bolt located in said space between the bottom of the channel and the adjacent surface of said rib, and retaining cleats on opposite ends of said bolt releasably engageable with the adjacent ends of the key and keyway respectively.

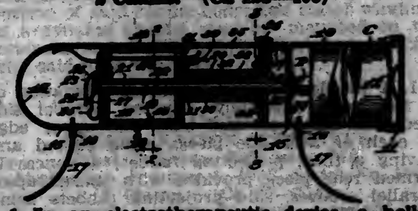


2,104,251
START-STOP REGENERATIVE REPEATER
Walter J. Zenner, Des Plaines, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Application February 23, 1934, Serial No. 712,461
25 Claims. (Cl. 178—70)



7. In a telegraphic repeating device, an armature controlled by successive received signals, a contact member elastically articulated to said armature for electrically retransmitting received signals therefrom, and cam controlled mechanism rendering said contact member responsive to said armature at successive instants of beginning of a plurality of electrical retransmission time intervals.

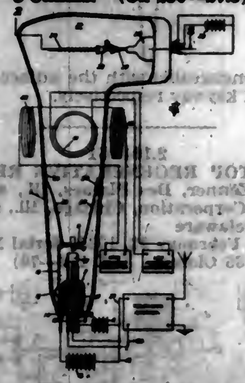
2,104,252
ELECTRO-THERAPEUTIC DEVICE
Thomas J. Curtis, Los Angeles, Calif.
Application September 23, 1936, Serial No. 101,052
2 Claims. (Cl. 128—405)



1. In an electrotherapeutic device, a hollow body comprising a pair of spaced metal shells, a battery cell removably positioned in one of said shells, a metal rod axially disposed within said body, one end of which rod contacts with the post

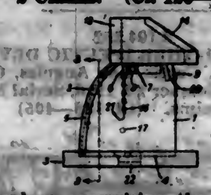
of said battery, a primary coil carried by said rod, a vibrator arranged between said primary coil and said rod, a secondary coil arranged to move lengthwise of said primary coil, means movable with said secondary coil for establishing connection between said primary coil and one of the metal shells of the body and means movable with said secondary coil for establishing connection between said secondary coil and the other shell of the body.

2,104,253
LUMINESCENT SCREEN AND METHOD OF USE
Philo T. Farnsworth, San Francisco, Calif., assignor to Farnsworth Television Incorporated, a corporation of California
Application February 8, 1933, Serial No. 655,784
8 Claims. (Cl. 250—27.5)



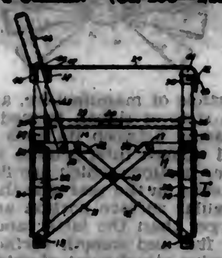
1. The method of producing a visible trace on a screen which comprises uniformly heating said screen to a temperature approximating the threshold of visible radiation therefrom, and simultaneously heating successive elementary volumes including opposing faces of said screen to incandescence.

2,104,254
FIREPLACE
Esther Worth Fogarty, Clinton Gordon Fogarty, and Clifford Worth Fogarty, Hialeah, Fla.
Application October 17, 1936, Serial No. 106,170
2 Claims. (Cl. 126—120)



1. A fireplace comprising the combination of a flat base, oppositely disposed parallel side pieces mounted on said base, the upper edge of each of said side pieces being curved and having a thin, projecting rabbet; a concavely formed rear piece provided with spaced apart parallel grooves, said projecting rabbets being seated with cement and being seated in said respective grooves; a support spaced from said rear piece and having its ends secured to the upper portions of said side pieces and a hollow hood having a flat base engaging the upper ends of said side pieces and said rear piece, the rear wall of said hood being vertical and the side and front walls thereof converging upwardly into a flat top portion adapted to support a chimney.

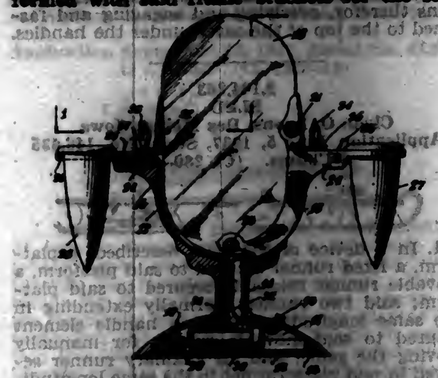
2,104,255
COLLAPSIBLE ARMCHAIR
Leto J. Gattuccio, North Bergen, N. J.
Application June 19, 1937, Serial No. 149,193
4 Claims. (Cl. 155—142)



4. A collapsible chair of the class described comprising four leg members; crossed braces secured on opposite sides of the chair, the lower ends of said braces pivoted near the lower ends of the legs and the upper ends to arms also pivoted to the legs; the crossed braces pivoted at the points where they overlap each other; detents formed on the arms for engagement with the braces when the front and rear legs are separated the desired distance; crossed braces secured to the front and rear legs with their lower ends pivoted near the lower ends of the legs and their upper ends pivoted to sleeves slidingly mounted on the legs; pivots likewise inserted in these braces where they overlap each other; the sliding sleeves adapted to rest on the arms connected with the side braces when the legs are separated the required distance; spacing bars, having bifurcated end members for engagement with the front and rear legs and adapted to rest on the sleeves; a fabric seat secured on said spacing bars; the spacing bars made detachable from the legs and of such length as to hold the front and rear legs separated the required distance; two side bars, having their lower ends pivoted to the rear arms on the sides of the chair and their upper ends secured to a fabric back-rest, adapted to be held in an inclined position in slotted fittings secured on the upper ends of the rear legs; two straps, attached to said slotted fittings and clamped to fittings secured on top of the front legs, for forming a pair of arm rests; and the fabric seat and back rest so proportioned to the size of the chair that they will act as a cover for all the parts of the chair when the seat and spacing bars are removed, the back-rest side bars folded down, and the other parts of the chair collapsed.

2,104,256
PICTURE STAND
Joseph Hamsbeck, New York, N. Y.
Application December 9, 1936, Serial No. 53,564
1 Claim. (Cl. 40—152.1)

In a combined picture stand and flower holder, a base, a frame, a neck connecting the frame with the base, means for holding a picture within the frame, laterally extending brackets formed with said frame, and holders for flowers turnably attached by means of pivot bolts to said brackets at one end, and rings formed with said holders at their other outer ends for the suspension of flower vases, said holders adapted to be turned about their pivot bolts to flank the picture in approximately the front channel, ring-sockets formed with said frame brackets for the support of lamps of a size sufficient to illuminate the flowers in said vases, and means for connecting said lamps to a source of electricity.



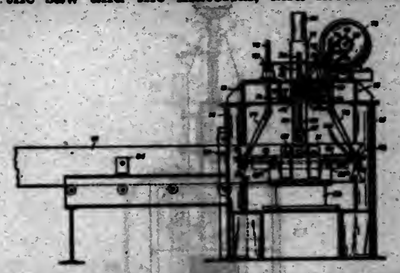
2,104,257
VALVE GAP
Ralph M. Heinds, Palo Alto, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application February 25, 1935, Serial No. 6,640
2 Claims. (Cl. 123—171)



1. In combination with a cylinder and piston, said cylinder having an aperture therein, parallel cooling fins extending from the top of said cylinder, said fins being cut away above said aperture to form a recess, a closure cap having a basal portion cooperating with said cylinder to close said aperture, a column extending into said recess from the center of said basal portion, spaced fins extending across said recess laterally from said column, and a plurality of spaced uprights attached to the basal portion near the edge thereof and contacting the edge of each fin.

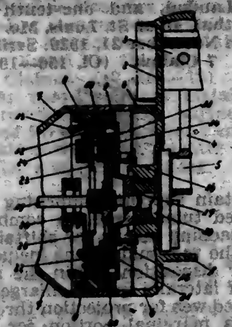
2,104,258
SAWING APPARATUS
Percy E. Hunter, Pittsburgh, and Edward Nightingale, Etna, Pa., [illegible] Cleveland and Fidelity Trust Company, administrators of said Percy E. Hunter, deceased, assignors, by direct and mesne assignments, to Hunter Steel Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application April 2, 1936, Serial No. 72,324
12 Claims. (Cl. 90—62)

1. Sawing apparatus comprising a saw blade and means for imparting sawing movement thereto, means for imparting relative feeding movement to the saw and the material to be cut, a device for imparting relative skewing movement to the saw and the material, and means con-



trolled through the operation of said skewing device, for varying the said relative rate of movement, to maintain uniform rate of cutting.

2,104,259
GENERATOR AND/OR STARTING MOTOR FOR MOTOR VEHICLES
Josef Kalex, Stuttgart, Germany
Application April 18, 1936, Serial No. 74,618
In Germany December 21, 1934
2 Claims. (Cl. 290—1)

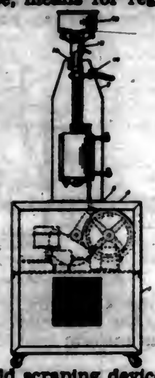


1. In combination with an engine having a main body portion and an integral annular member extending therefrom, an engine shaft coaxial with said annular extending portion, a cup-shaped flywheel connected for rotation with said shaft, rotor windings of a dynamo electric machine mounted on the periphery of said cup-shaped flywheel, clutch elements mounted on the web of said cup-shaped flywheel, a driven shaft having clutch elements mounted thereon for cooperation with said first clutch elements, an annular ring having the same outer radius of and interengaging with the extending annular portion of said engine body, and stator windings of a dynamo electric machine mounted on the inner surface of said annular ring for cooperation with said rotor windings.

2,104,260
REFRIGERATION APPARATUS
Jabez P. Kemp, Baltimore, Md.
Application January 5, 1935, Serial No. 506
7 Claims. (Cl. 62—114)

1. In a refrigeration apparatus provided with a spraying device, means for operating the spraying device to spray over a surface adjusted to the operation thereof, a surface to be sprayed, means for scraping said surface of the deposit thereon,

means for regulating the temperature of the spraying device, means for regulating the tem-



perature of said scraping device, and means for regulating the temperature of said surface.

2,104,261
CURTAIN SUPPORT
Charles Landau, Cleveland, Ohio, assignor of one-tenth to Ralph Kalish, eight-tenths to Morris Landau, and one-tenth to Alex M. Frankenthal, all of St. Louis, Mo.
Application November 21, 1936, Serial No. 112,030
7 Claims. (Cl. 156—19)



1. A curtain support comprising a longitudinally slotted tubular rod, in combination with curtain attaching means for shiftable co-operation with the rod, said means including a body-portion for disposition within the rod having a plurality of laterally spaced enlargements thereon, a reduced web for projection through the rod-slot, and a marginal portion for presentation outwardly of the rod for curtain attachment.

2,104,262
BASKET COVER
Carl G. Leigh, Chicago, Ill., assignor to Leigh Banana Case Company, Chicago, Ill., a corporation of Delaware
Application December 22, 1934, Serial No. 758,799
19 Claims. (Cl. 217—124)



1. In a basket top cover, a handle strip therefor adapted to engage the handles of the basket, said strip comprising superposed flat relatively long and short sections, fastened together, with the short sections extending a distance over the web of said cover and spaced apart at their inner ends at the middle of the cover, providing a relatively flexible middle portion for the handle strip, and relatively stiff multi-ply projecting end portions therefor, overlying and engaging and fastened to the top of the cover, under the handles.

2,104,263
SLED
Clyde O. Lyons, Des Moines, Iowa
Application June 5, 1937, Serial No. 146,635
6 Claims. (Cl. 280—16)

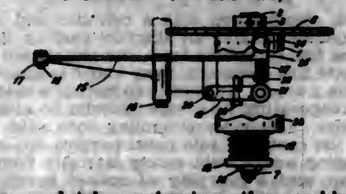


1. In a device of the class described, a platform, a fixed runner secured to said platform, a movable runner rotatably secured to said platform; said two runners normally extending in the same longitudinal plane, a handle element secured to said movable runner for manually moving the same, and an auxiliary runner secured to said platform not in the same longitudinal plane of said first mentioned runners and terminating in a plane above the bottom plane of said first mentioned runners.

2,104,264
PAINT COMPOSITION
Paul La Frese Magill and Charles Dangelmajer, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 8, 1934, Serial No. 752,116
5 Claims. (Cl. 134—54)

1. A water paint containing water, pigment, casein and 10 to 60% by weight of formamide.

2,104,265
CLUTCH MECHANISM
George P. Maradeu, San Jose, Calif., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application December 24, 1934, Serial No. 759,073
7 Claims. (Cl. 192—24)



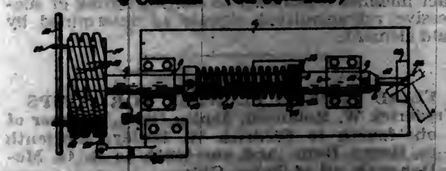
1. In a clutch mechanism, the combination of a pair of rotary inter-engageable driving and driven clutch members, a clutch spring normally holding said clutch members in driving engagement, a cam carried by one of said clutch members, a clutch lever, a cam follower mounted on said clutch lever for movement thereby into and out of the path of said cam and co-operable with said cam to separate and disengage said clutch members, and a spring carried by said clutch lever and associated with said cam follower to exert a thrust against the latter in a direction longitudinally of the clutch axis, said spring being compressible by engagement of said cam and follower and operable to expand in opposition to said clutch spring upon disengagement of said clutch members whereby to effect a positive clearance therebetween.

2,104,266
MEANS FOR THE PRODUCTION AND INHALATION OF TOBACCO FUMES
William J. McCormick, Toronto, Ontario, Canada
Application September 23, 1935, Serial No. 41,656
12 Claims. (Cl. 131—18)



1. Means for the production and inhalation of tobacco fumes comprising a receptacle for tobacco; an air conduit whereby air may be drawn through the receptacle for inhalation; electric means for conductively heating the tobacco in the receptacle; and automatic means adapted for controlling the electric heating means to maintain the tobacco at a temperature sufficient to liberate volatile constituents but below the temperature for initiating combustion.

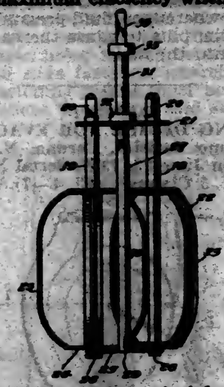
2,104,267
FIXTURE FOR MILLING MACHINES
William Motta, Detroit, Mich.
Application June 12, 1936, Serial No. 85,163
4 Claims. (Cl. 90—13.9)



1. A milling machine fixture comprising a base plate, bearings on said base plate, a spindle supported in said bearings for rotary and lengthwise movement, means for causing lengthwise movement of said spindle, means for causing rotary movement of said spindle incident to lengthwise movement thereof, means on one end of said spindle for supporting work, a pair of spring abutments on said spindle, one of said abutments being fixed and the other being movable lengthwise of the spindle, a spring between said abutments, and stationary means on said base adapted to be engaged by the movable abutment upon lengthwise movement of said spindle to cause compression of said spring.

2,104,268
FOOD MIXER
Emanuel Nielsen, Racine, Wis., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application April 8, 1937, Serial No. 136,021
9 Claims. (Cl. 259—108)

1. An agitator assembly for a food mixer, comprising a pair of rotatable beater shafts, beater elements on said shafts, a cross piece connecting the shafts in spaced relation adjacent their upper ends, a guard member comprising a relatively rigid rod connected to said cross piece and having an intermediate portion of its length bowed outwardly to extend substantially parallel with the sides of the beater elements, and the lower end of said guard rod being turned inwardly in substantially the plane of the lower ends of said beater elements and having a flattened forked end portion connecting the lower ends of said shafts in spaced relation, whereby to provide maximum efficiency when said beater



elements must operate in materials occupying a shallow space therearound.

2,104,269
METAL PLATING
Floyd F. Oplinger, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 17, 1934, Serial No. 721,009
6 Claims. (Cl. 204—12)

1. A process for decorating metal surfaces comprising providing a metal surface with a coating of fused tin and thereafter electroplating said fused coating with a sufficiently thin layer of tin to develop a spangled coating.

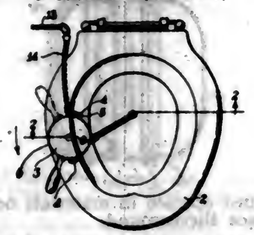
2,104,270
CEMENTING EQUIPMENT FOR WELLS
William D. Owsley, Duncan, Okla., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla.
Application May 24, 1937, Serial No. 144,399
7 Claims. (Cl. 166—1)



1. Apparatus for use in the cementing of oil wells or the like which includes a cementing head adapted to be connected to the casing of the well, a plug supported in the head, said plug having a passageway therein, means for conveying cement slurry under pressure into the head above the point where the plug is supported therein to cause the same to flow through the passageway in said plug, a valve body adapted to seat upon

the plug to close the passageway and control means for causing the seating of the valve body on said plug whereupon fluid pressure may be exerted upon the plug to cause the same to follow the slurry into the well.

2,104,271
SPRAYING DEVICE FOR EVACUATION
Primo Parisini, Corona, N. Y.
Application June 23, 1937, Serial No. 149,867
5 Claims. (Cl. 4—7)



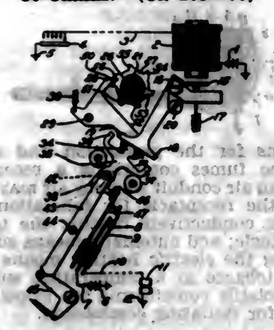
1. A spraying device for evacuation in connection with a toilet bowl having the combination of means for feeding fluid to the device, a valve mechanism for said fluid, an extensible tube for conveying said fluid being actuable from a position clear of the middle of the bowl to a location at the middle of the bowl, said extensible tube being connected to said valve mechanism so as to be actuable by the mechanism, said mechanism when operated to open the valve actuating and projecting said tube and conveying said fluid, and said mechanism when operated to close the valve actuating and withdrawing said tube.

2,104,272
WASHING MACHINE FOR TUMBLERS AND SIMILAR TABLEWARE
Arthur F. Partridge, St. Paul, Minn.
Application November 12, 1934, Serial No. 752,600
4 Claims. (Cl. 15—76)



1. A machine of the class described having in combination, a support, a motor movably attached to said support, means for securing said support on a container for cleaning fluid, a shaft operatively connected to said motor, a cleaning member mounted on said shaft and formed to fit within receptacles to be cleansed, said cleaning member being arranged to be submerged in cleaning fluid in said container and raised above the surface thereof by appropriate movement of said motor a switch in circuit with said motor for controlling the same and a member movable with said motor and positioned to engage said switch to start and stop said motor respectively upon movement of said cleaning member to and from submerged position.

2,104,273
START-STOP REGENERATIVE REPEATER
Louis M. Potts, Evanston, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Application February 16, 1934, Serial No. 711,479
20 Claims. (Cl. 178—70)



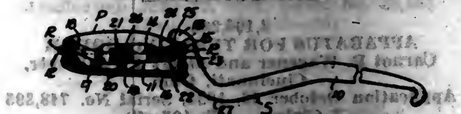
2. In a telegraphic repeating device, a contact member for retransmitting received signals, an element controlled by successive received signals, a locking member restraining said contact member in its set position, and a timing cam cooperating with said element and operating said contact member repeatedly to control timing of successive retransmitted signals as determined by said element.

2,104,274
FLUID PACKED PLUNGER FOR PUMPS
Frederick W. Robinson, Jenks, Okla., assignor of one-fourth to Fredrick W. Bailey, one-tenth to Henry Heme, and one-tenth to R. G. McDonough, all of Tulsa, Okla.
Application January 7, 1935, Serial No. 720
4 Claims. (Cl. 309—23)



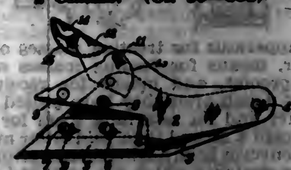
1. In a fluid pump plunger, a head comprising spaced end plates rigidly mounted on a connecting rod extending axially therethrough, each of said plates being provided on its inner face with a socket, the sockets being disposed in alignment, a hollow tubular spacer sleeve disposed between said plates and seated at each end in said socket, said plates being provided with ports extending from their outer faces in axial communication with said spacer sleeve, a valve member slidably mounted within said sleeve for reciprocation therein, the length of said valve member being appreciably less than the length of said sleeve, the walls of said sleeve being formed to provide ports extending therethrough adjacent each end thereof, and an expandible ring disposed between said end plates in concentric relation with said connecting rod and being disposed outwardly of said spacer sleeve, and a fibrous packing material supported on and carried by said ring between said plates.

2,104,275
PESSARY APPLICATOR
Lawrence Schleicher, Los Angeles, Calif.
Application May 11, 1937, Serial No. 141,940
10 Claims. (Cl. 128—127)



1. An applicator of the class described comprising a support insertable into the vagina; a cervix-actuated member movably mounted on the support to occupy holding and releasing positions; means on the support co-actable with one end of said member to retain a pessary on the support; means for urging said member to holding position; and means on the support disposed to co-act with said end of the member in preventing disengagement of the pessary therefrom so long as the member occupies holding position.

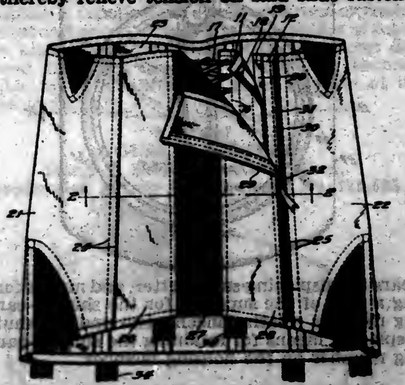
2,104,276
FURRIER'S KNIFE
Edward A. Schmitt, Ridgewood, N. Y.
Application July 7, 1937, Serial No. 152,243
2 Claims. (Cl. 30—331)



1. A furrier's knife having the combination with a pair of separable plates adapted to hold a cutting blade between them of means for locking said plates to each other for retention of the blade including an arm hinged to one of said plates having a wing disposed between and in frictional contact with the inner surfaces of said plates, said arm having a clamp for engaging the exterior side of one of said plates and a clamp for engaging the exterior side of the other of said plates, and said plates when operatively held by the user exerting pressure upon the opposite surfaces of said wing.

2,104,277
CORSET
Charles H. Schopbach and Lillian Babcock, Aurora, Ill., assignors to International Corset Company, Aurora, Ill., a corporation of Illinois
Application December 31, 1936, Serial No. 118,453
2 Claims. (Cl. 2—37)

1. A corset having a body of substantially non-stretchable material including a center front section comprising two panels provided with eyeletted strips at their proximate edges, lacings for adjustably connecting said panels together, a third panel, fastening means on one of the first mentioned panels and on said third panel for detachably connecting the proximate edges of said panels together, an apron comprising two non-elastic and an intermediate transversely elastic panel stitched together at their longitudinal edges, the free longitudinal edge of one of said non-elastic panels of the apron being permanently secured to the outer surface of the corset body near one side of said center front section, and the free longitudinal edge of the other non-elastic panel of the apron being provided with fasteners of the slide fastener type, a narrow strip having slide fasteners stitched to the corset body near the other side of said center front section, said first mentioned fastening means being located between said lacings and said slide fastener, whereby said first mentioned fastening means must be first closed to thereby relieve tension on said slide fastener



during operation thereof, and said fastener devices on the apron and on the narrow strip being adapted for engagement with each other for drawing the apron taut in a position overlying the center front section of the corset body and concealing said lacing and the fastening means connecting the panels which constitute said center front.

2,104,278
BREAD SLICER GUIDE
Michael C. Schultz, Green Bay, Wis.
Application September 12, 1936, Serial No. 100,455
1 Claim. (Cl. 146—150)

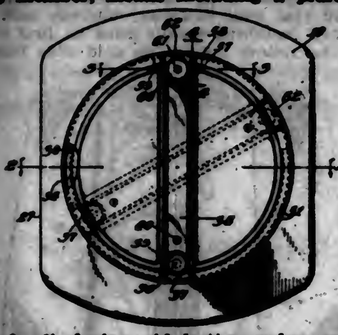


In a device of the character described, parallel bed plate members provided with transverse bores, spiral tension springs extending through said bores and secured to said bed plate members adjacent their outer margins, a guide rod fitted in one of the spiral springs whereby to maintain the bed plate members in parallel relationship, loaf engaging uprights secured to said bed plate members and provided with knife guiding surfaces, said bed plate members being separable in parallelism to provide space between said uprights for the reception of a loaf to be sliced.

2,104,279
AIR DISTRIBUTING MEANS
Philmore F. Sperry, Chicago, Ill., assignor, by mesne assignments, to Excel Auto Radiator Company, Chicago, Ill., a corporation of Delaware
Application June 10, 1935, Serial No. 25,961
1 Claim. (Cl. 98—101)

Apparatus for directing the flow of air comprising a housing member having an aperture therein, a shutter-carrying member rotatably journalled on said housing member, a gear segment carried by one of said members, a gear

carried by the other of said members and meshing with said gear segment, means for rotating said gear to rotate said shutter-carrying member, a shutter movably mounted on said shutter-carrying member, means including a plurality of



gears for displacing said shutter, and means forming a part of the supports for the shutter-carrying member rotating mechanism and the shutter displacing means for retaining the shutter-carrying member on the housing member.

2,104,280
SIGN
Henry C. Spratley and Arthur L. Spratley, Providence, R. I.
Application November 21, 1933, Serial No. 699,015
Renewed July 12, 1935
1 Claim. (Cl. 40—125)



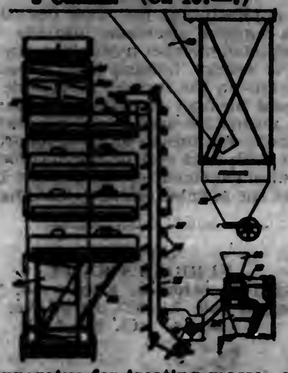
A sign comprising a transparent front plate, a coating on a part of the plate leaving other parts uncoated, whereby to provide characters of the desired shape, a translucent plate back of said front plate, a strip of tape along the marginal edges of said plates and located between them and providing an air space between the plates, an additional piece of tape bridging the tape between the plates and overlapping on the front and back surfaces of both of said plates and a frame about the edges of the plate whereby the plates are held together.

2,104,281
SPRINKLER
Walter Van B. Thompson, Los Angeles, Calif., assignor to Thompson Manufacturing Company, Los Angeles, Calif., a corporation of California
Application May 24, 1935, Serial No. 23,296
3 Claims. (Cl. 216—106)



1. In a sprinkler, the combination of: a body providing a downwardly facing cavity, an outlet passage connected to the upper part of said cavity, and a spray opening at the outlet end of said outlet passage; and valve and strainer means positioned in said cavity for forming a relatively narrow strainer opening and including means for adjusting its position for restricting said outlet passage upon upward movement.

2,104,282
APPARATUS FOR TREATING DOUGH
Carnot R. Wagner and Albert J. Fankhaber, Cincinnati, Ohio
Application October 15, 1934, Serial No. 748,395
8 Claims. (Cl. 107—7)



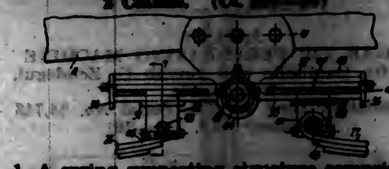
1. In apparatus for treating masses of dough, a proofer, means for feeding masses of dough to said proofer, and means for receiving the masses of dough after they have passed through the proofer and for returning them for passage therethrough a second time, said latter means including conveyor belts having dough-gripping and conveying stretches which are arranged to alternately compress and permit the masses of dough to expand to thereby subject the latter to a kneading and degassing action.

2,104,283
AGITATING OR MIXING APPARATUS
Robert A. Webster, Santa Monica, Calif.
Application October 18, 1934, Serial No. 748,940
10 Claims. (Cl. 172—126)



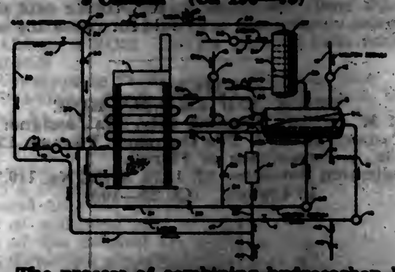
5. An electric motor for transmitting oscillatory motion to an agitating or mixing device comprising a vertical motion transmitting shaft, an electromagnet, an oscillating armature influenced by the magnet for oscillating the shaft, a resilient reaction element acting on the armature to arrest its motion at the end of a stroke and to impart to the armature a return motion as an initiatory part of its opposite or reverse stroke, and a switch device controlled by the armature and including contacts brought into engagement on such initiatory part of the return motion of the armature to supply current to the magnet for a power impulse in continuation of the return motion to impel the armature on the return stroke.

2,104,284
TRUCK
Walter W. Wakefield, [illegible], Calif., assignor to Al Tool [illegible], both of Fresno, Calif.
Application June 22, 1937, Serial No. 149,466
2 Claims. (Cl. 287—20)



1. A spring supporting structure comprising a bracket securable to a supporting frame and having a shaft extending therefrom substantially transversely to and beyond said frame, a spring hanger member mounted at about its middle for rotation on said shaft with said hanger member extending on each side of said shaft substantially parallel to said frame, said member having an elongated planar bottom face on each side of said shaft with grooves formed in the opposite sides of said hanger member, a spring support member positioned on each side of said shaft, each support member having a face complementary to and slidable along said planar bottom face and arms extending upwardly from said face along the sides of said hanger member and fitting slidably in said grooves.

2,104,285
PROCESS FOR COMBINING HYDROCARBON GASES WITH HYDROCARBON LIQUIDS
Malcolm P. Kemler, Bartlesville, Okla., assignor to Phillips Petroleum Company, Bartlesville, Okla., a corporation of Delaware
Application September 14, 1934, Serial No. 744,073
3 Claims. (Cl. 196—78)

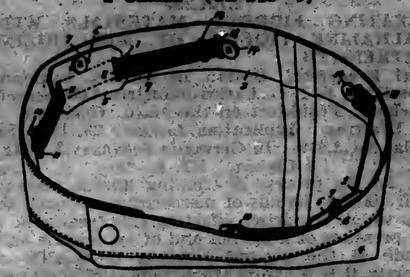


1. The process of combining hydrocarbon liquids with hydrocarbon gases which comprises circulating an endless stream of hydrocarbon liquid, circulating an endless stream of hydrocarbon gas, contacting the two streams at one point and activating the stream of hydrocarbon gas with a catalyst comprising molten sodium in the immediate vicinity of said point to effect combination between said hydrocarbon liquid and said hydrocarbon gas.

2,104,286
PHOSPHOROUS ACID [illegible] OF HYDROXY-ALKYLAMINO ANTHRAQUINONES
Fritz Baumann, Leverkusen-I. G. Werk, Germany, assignor to [illegible] Works, Inc., New York, N. Y., a [illegible] of Delaware
No Drawing. Application [illegible], 1936, Serial No. 66,921. In [illegible] 4, 1935
6 Claims. (Cl. [illegible])

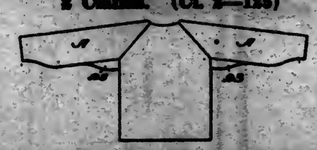
1. Acid wool dyestuffs of the anthraquinone series having the probable constitution of phosphorous acids and phosphoric acids which are partly esterified with amino-anthraquinones containing attached to the amino group a substituent selected from the group consisting of a hydroxyalkyl, hydroxyaralkyl, hydroxyaryl and a hydroxyhydroaryl residue, these dyestuffs being obtainable by causing halogenides of acids of phosphorus selected from the group consisting of phosphorus trihalogenides, phosphorous oxyhalogenides and phosphorus pentahalogenides to react upon amino-anthraquinones of the character described until the reaction product has become soluble in water either per se or in form of its alkali metal salt.

2,104,287
TROUSERS SUPPORT
Harry P. Beck, Lake City, Minn.
Application March 1, 1937, Serial No. 128,463
1 Claim. (Cl. 241—9)



A support for trousers comprising a flat substantially rectangular plate of heavy gauge leather having a slit along one longitudinal edge thereof mid-way of its ends and a pair of transversely extending slits at its opposite ends, respectively, located well below said first-mentioned slit, an elastic band threaded through said end slits and looped over one side of said plate, a hook on one free end of the band, the other free end of said band being looped and provided with a buckle, and a hook through which said looped end of the band extends.

2,104,288
RAGLAN SLEEVE GARMENT
Richard E. Blood, Amsterdam, N. Y.
Application February 24, 1937, Serial No. 127,549
2 Claims. (Cl. 2—125)

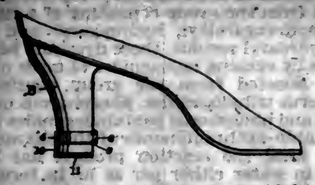


2. The method of fabricating a raglan-sleeved garment such as a shirt which comprises cutting substantially V-shaped pieces of material from the cuff end of material blanks constituting the sleeves of the garment to form sleeves having reduced cuff portions, attaching the shoulder portions of the garment sleeves in the garment body, and securing said V-shaped pieces in the armpits of the garment with the apices of said pieces disposed away from the arm-pits.

2,104,289
DETACHABLE SHOE HEEL PLATE DEVICE
James W. Bowman, Bellingham, Wash.
Application July 31, 1937, Serial No. 156,738
1 Claim. (Cl. 36—72)

In combination, a plate adapted to bear on the bottom of a shoe heel, a spring metal clamp fas-

tened to the said plate adapted to embrace the rear and sides of the said shoe heel having a hinge eye on one end and a catch on the other



end, and a latch pivoted to the said hinge eye and engageable with the said catch to releasably fasten the said clamp and the said plate to the said shoe heel.

2,104,290

TREATING FIBROUS MATERIALS WITH ALKALINE LIQUIDS OF MERCERIZING STRENGTH

Karl Brodersen, Dessau in Anhalt, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application January 29, 1935, Serial No. 3,979. In Germany February 2, 1934

6 Claims. (Cl. 8—20)

1. In the process of treating fibrous material with alkaline liquids of mercerizing strength the step which comprises effecting this treatment in the presence of a phenol and of an organic sulfamide of the general formula $R—SO_2NH—A$, wherein R is a hydrocarbon radicle of the group consisting of radicles of the benzene series and of the aliphatic series containing up to 6 carbon atoms and A is a member of the group consisting of alkyl and hydroxyalkyl.

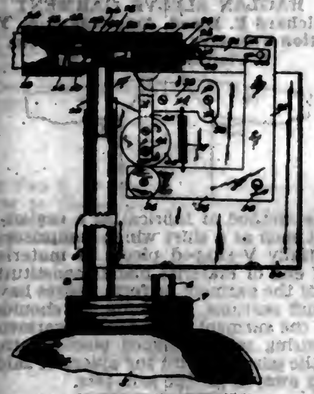
2,104,291

DEVICE FOR PERFORATING THE ENDS OF CIGARS

Martin Carabello and Joseph G. Zendegui, Tampa, Fla.

Application April 22, 1935, Serial No. 17,703

3 Claims. (Cl. 131—80)



2. In a device for perforating the closed tips of cigars, a stationary member having a concavity for receiving the closed tip of the cigar and for holding the cigar in a stationary position with the walls of its tip backed by the walls of said concavity, a hollow perforating needle movable back and forth with respect to said stationary member and having a cutting end portion movable into and out of said concavity wherein to pierce the closed end of the cigar, and means connecting with the hollow interior of the needle for withdrawing the cut portions of the cigar through the hollow portion of the needle.

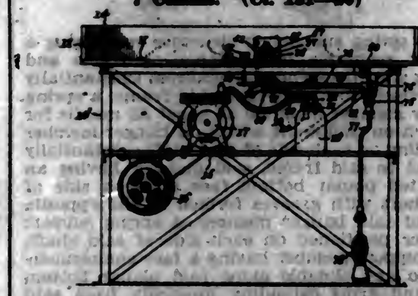
2,104,292

CIGAR TIP PERFORATING MACHINE

Martin Carabello and Joseph G. Zendegui, Tampa, Fla.

Application June 3, 1935, Serial No. 24,743

7 Claims. (Cl. 131—80)



3. A cigar perforating machine comprising a table having a cigar receiving groove and a slot adjoining the groove, guides in the slot, a support movable in the guides, adjusting means to raise and lower the support in the guides, and cigar perforating means carried by said support.

7. A cigar perforating machine comprising a table for supporting the cigars, hollow cigar tip perforating means vertically adjustable through said table, suction means connected to said perforating means to withdraw the cigar cuttings a rock shaft connected to reciprocate said perforating means, and a treadle for operating said rock shaft.

2,104,293

BRICK AND TILE MACHINE

Pitt M. Carlisle, Panama City, Fla., assignor to Panama Brick & Tile Company, Panama City, Fla., a corporation of Florida

Application November 12, 1936, Serial No. 110,729

16 Claims. (Cl. 25—160)



1. In a machine of the class described a plurality of parallelly disposed endless chains of pallets, sprocket shafts common to all chains, a bed bottom over and along which said chains pass, the pallets of each chain comprising a flat plate with an upright wall at its rear edge, a hopper for the mix located on the bed and over the pallets, floating trowels at the sides of said chains of pallets and constituting with the pallets molds into which the hopper delivers mix as the pallets pass beneath the hopper, a rammer cooperating with the molds after they have passed the hopper for condensing the mix and forming the articles in the molds, and means to discharge the contents of the molds from the machine.

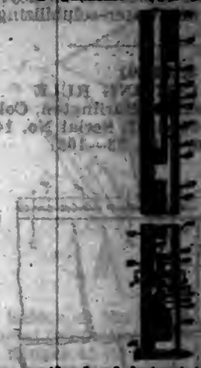
2,104,294

METHOD OF WASHING WELLS

Roy G. Cullen, deceased, late of Houston, Tex., by Katherine T. Cullen, administratrix, Houston, Tex.

Application December 11, 1935, Serial No. 114,434

3 Claims. (Cl. 166—20)



1. The method of bringing in a well of the type having a tubing therein with a screen at its lower end and a packer above the screen, which comprises washing the well with a current of liquid flowing downwardly through the tubing and upwardly outside the screen and past the packer, and preventing the accumulation of mud and the like around the tubing and above the packer by washing the well with a current of liquid flowing downwardly outside the tubing, past the packer and outside the screen and upwardly through the tubing, and setting the packer.

2,104,295

PROCESS FOR RECOVERY OF CALCIUM PHOSPHATE, ALUMINA AND POTASSIUM VALUES FROM THEIR INSOLUBLE MINERALS

Giuseppe de Vanna, Serravalle Scrivia, Italy

No Drawing. Application October 18, 1934, Serial No. 748,126. In Italy October 18, 1933

3 Claims. (Cl. 23—109)

1. Process of solubilization and recovery of potassium, aluminium, and phosphoric values from a phosphate rock-lavas or from a similar mineral mixture leached with an aqueous solution of sulfurous acid of which the lime in excess of the amount required for the formation of a dicalcium phosphate has been eliminated in the form of [illegible] which causes the separation of the [illegible] phosphorus and [illegible] solution first to about 60° C., at which temperature the precipitation of the aluminum takes place, separating the precipitated aluminum compound from the hot solution and then slowly increasing the temperature to about 80° C., whereby the precipitation of a dicalcium phosphate practically free of sulfur and soluble in ammonium citrate is brought about.

2,104,296

PROCESS FOR CONVERTING HYDROCARBONS

Frederick E. Frey, Bartlesville, Okla., assignor to Phillips Petroleum Company, Bartlesville, Okla., a corporation of Delaware

Application March 26, 1935, Serial No. 12,961

6 Claims. (Cl. 196—49)

1. In a process for producing higher boiling hydrocarbon mixtures containing at least 50 per cent by weight of paraffinic hydrocarbons from lower boiling hydrocarbons, the steps which comprise heating a stream of predominantly paraffinic hydrocarbons to a preheat temperature and then to a reaction temperature by heat exchange with hotter reaction products under a pressure in excess of 1,000 pounds per square inch, adding olefin containing hydrocarbons to the said stream at a plurality of points, the said points being so spaced as to allow appreciable reaction to take place before further subsequent addition of olefins, the



flow of the said reacting stream being so directed that generally concurrent indirect heat exchange takes place between the said reacting stream and a representative portion of the stream after reaction takes place following the last addition of olefin, maintaining the content of unreacted added olefins in the reacting stream at not more than 10 per cent by weight of the hydrocarbons present therein, and separating from the total reacted stream higher boiling hydrocarbons produced.

2,104,297

DOUBLE STROKE COLD HEADER

John H. Friedman, Tiffin, Ohio, assignor to The National Machinery Co., Tiffin, Ohio

Application November 4, 1936, Serial No. 109,196

13 Claims. (Cl. 10—20)



1. In a double stroke cold header a heading slide, a carrier mounted for oscillation thereon, adjustable means for limiting the oscillating movement of the carrier, a tool holder mounted on the carrier and including means for supporting a finishing tool and a core tool, and cooperating means on the carrier and tool holder for shifting said holder bodily in any direction along that surface of the carrier engaged thereby.

2,104,298

AUTOMATIC OVEN LIGHTER

Frank A. Gerner, Milwaukee, Wis., assignor, by mesne assignments, to The Cleveland Trust Company, Cleveland, Ohio, a corporation of Ohio

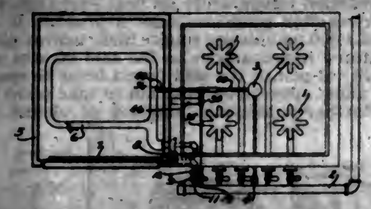
Application January 14, 1936, Serial No. 59,008

Renewed October 2, 1937

16 Claims. (Cl. 158—115)

3. An automatic oven burner lighter for a gas stove comprising in combination with a con-

stantly burning pilot light remote from the burner, a flame conducting conduit extending between the oven burner and the remote pilot light, and means for supplying a mixture of gas and



air to said conduit from outside of the oven, whereby the mixture in said conduit will be ignited by the remote pilot light and the flame will be propagated through the conduit to its opposite end for igniting the oven burner.

2,104,200
MACHINE TOOL
Julius Grundstein, Frankfort-on-the-Main, Germany, assignor to Gesellschaft des Lehrer Nasse-Sohnengrün Nasse-Union Sohnengrün-Rumpfwerk, Frankfurt a. M., Julius Pfungst, Frankfort-on-the-Main, Germany
Application March 20, 1935, Serial No. 12,762
In Germany July 17, 1934
6 Claims. (Cl. 266—9)



1. Adjustable guide arrangement for reciprocatory elements of machine tools traversing long paths comprising, a bed, a guide rail of considerable length and having appreciable elastic flexibility, vertically and laterally, the reciprocatory element being mounted on and supported by said rail, a plurality of independent adjusting devices provided on the bed spaced apart at a plurality of points along the rail for supporting and securing said rail on said bed and for effecting independent vertical and lateral adjustments of local portions of the rail, utilizing the elastic flexibility of the rail to adjust it to an accurately rectilinear path.

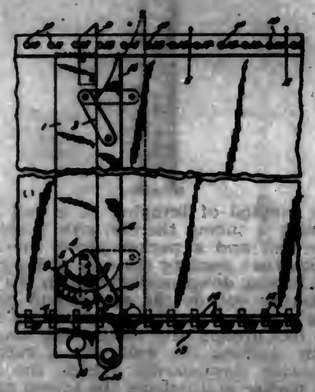
2,104,209
PROCESS FOR OBTAINING COLORED DISCHARGE EFFECTS ON DYEINGS
Robert Haller, Richen, and Charles Graenacher, Basel, Switzerland, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland
No Drawing. Application March 9, 1937, Serial No. 129,956. In Switzerland March 10, 1936
7 Claims. (Cl. 8—5)

1. Process for obtaining colored discharge effects on vat dyeings capable of being discharged by means of oxidizing agents of which the oxidizing effect takes place in an alkaline medium, by printing these dyeings with such oxidizing agents and developing them with alkalies, comprising applying a discharge paste containing an alkaline oxidizing agent and an ester-like, water-soluble product of the general formula

$$R_1—O—R_2$$

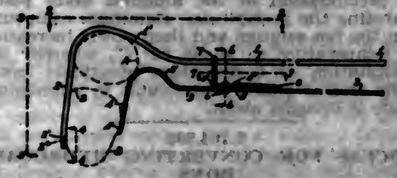
in which R_1 represents the radical of a water-insoluble dyestuff containing at least one hydroxyl group, and R_2 represents an acyl radical containing at least one water-solubilizing group.

2,104,301
GLASS CUTTING RULE
Joshua A. Haughey, Burlington, Colo.
Application May 24, 1937, Serial No. 144,495
1 Claim. (Cl. 33—168)



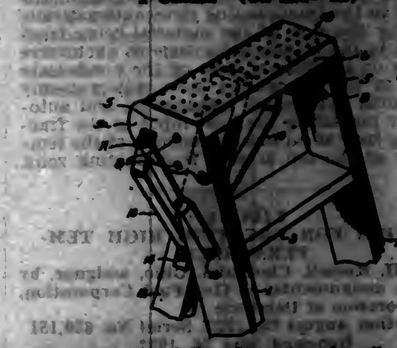
A rule of the class described comprising a stationary section, projections thereon engaging parts of a support to hold the same stationary, a movable section, links connecting the two sections together and permitting movement of the movable section while the same remains parallel to the stationary section, one link having a segmental portion having an arcuate slot therein, a stud projecting from the stationary section and passing through the slot, a nut on the stud for locking the said link in adjusted position and a scale attached to the stationary section and having an arcuate edge abutting the arcuate edge of the segmental part and said segmental part having a mark thereon for cooperating with the scale.

2,104,302
GRAPPLING TONGS
Harry F. Hanley, Richmond, Ind.
Application February 8, 1937, Serial No. 124,555
6 Claims. (Cl. 294—11)



1. In grappling tongs, a pair of members adjustably positioned with relation to each other, with one of said members being freely slidably positioned with relation to the other member, and with a third member pivotally secured to one of said pair of members and providing a guiding means for the other member of the pair.

2,104,303
LADDER CONSTRUCTION
Paul F. Maxwell, Seattle, Wash.
Application May 16, 1936, Serial No. 735,909
1 Claim. (Cl. 280—23)



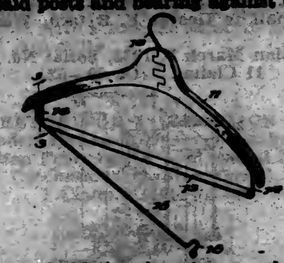
In a ladder of the character described, a one piece metal top plate formed with integral, downturned flanges at its opposite ends and along its opposite longitudinal edges; said end flanges having parts extended rearwardly beyond the top plate, ladder legs fitted at their upper ends against the under side of the plate said against the end flanges thereof and between the opposite edge flanges, bolts securing the legs to said flanges, a cross bar extended between said rearward extensions of the end flanges of said plate and having cut-turned end portions provided with the extensions, bolts pivotally connecting the cut-turned ends with the flanges extensions, a ladder leg attached centrally to said cross bar, brace bars for the leg attached thereto at opposite sides and having ends pivotally mounted on said bolts, and other braces extending from the ladder legs and fixed at their ends to said [illegible].

2,104,304
MANUFACTURE OF HOOK AND EYE
Jacob Kaplan, Boston, Mass., assignment to Bonar Hook, Inc., Boston, Mass., a corporation of Massachusetts
No Drawing. Application July 26, 1935, Serial No. 33,169
1 Claim. (Cl. 99—63)

A process of making a reek and rye liquor, which consists in redistilling rye whiskey to remove its tannin and wood color without appreciably affecting its characteristic rye flavor, then adding pieces of fruit and [illegible] flavoring to the treated whiskey, and adding artificial coloring to restore the characteristic whiskey color, thereby to produce a fruit liqueur in which the fruit pieces will maintain their natural appearance, free from the discoloration which normally results from absorption of coloring matter in ordinary rye whiskey.

2,104,305
GARMENT SUPPORTER
Louis M. [illegible], Chicago, Ill.
Application March 2, 1936, Serial No. 67,889
2 Claims. (Cl. 223—31)

1. An improved [illegible] comprising in combination a slender [illegible] for a coat and provided with [illegible] extending lengthwise under the [illegible], two wire posts fixed to the [illegible] holding the bar at each end, a [illegible] member extending substantially the full length of said bar, a wire coil attached to the clamping member and fitted around and freely turnable upon one of said posts and bearing against the shoul-



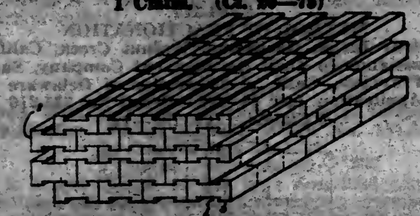
der form to hold the clamping member against the bar at one end and latching means detachably holding the clamping member against the bar at the other end.

2,104,306
SCREW PROPELLER
George Harnett Melland, Auckland, New Zealand
Application June 20, 1936, Serial No. 86,480
In New Zealand July 16, 1935
6 Claims. (Cl. 170—170)



1. A screw propeller comprising main blades extending radially from the propeller boss, and outer blades extending from the main blades to provide duplex blade units, the main and outer blades forming a plurality of working surfaces, the outer blades being in the form of extensions from the extremities of the main blades, said extensions being directed outwardly from and forming angles with the main blades so as to provide working surfaces from the radii of the latter, the extension commencing at the outer extremity of the leading edge of the main blade and increasing in width in a direction towards the following edge of the main blade, the greatest width of the outer blade being at the outer extremity of said following edge.

2,104,307
METHOD OF FORMING END GRAIN FLOORING
Theodore H. Miller, Portland, Oreg.
Application November 4, 1935, Serial No. 48,118
1 Claim. (Cl. 20—75)



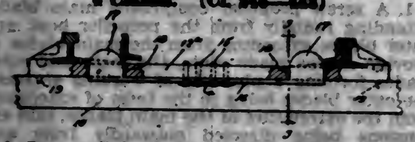
A method of forming end grain flooring consisting of first forming the lumber into elongated strips, then forming interlocking dovetail joinder elements on the opposed faces of the strips, then combining the strips into panels of two or more courses, then crosscutting the panels to form strips of end grain flooring blocks, the sides and ends of said blocks having joinder elements formed thereon whereby they may be united to adjacent faces by a vertical sliding movement.

2,104,208
PRESS MECHANISM
Edward D. Benjamin, Agawam, Mass., assignor of one-half to George E. Eyford, Winchester, Mass.
Application March 9, 1935, Serial No. 10,244
11 Claims. (Cl. 60—52)



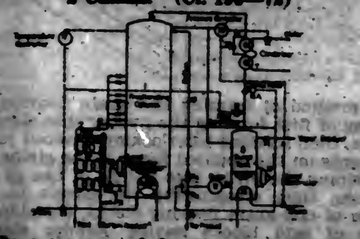
1. In a pressure producing device, cylinder and piston mechanism, the cylinder having a port adjacent each end and a port at an intermediate position, located so as to be uncovered by the piston during its travel, a positive acting liquid pump connected between one end port and the intermediate port, and a second positive acting liquid pump connected between the two end ports.

2,104,209
SAFETY LATCH PLATE
Dean R. Richardson, New Kensington, Pa.
Application May 22, 1937, Serial No. 144,253
4 Claims. (Cl. 246—448)



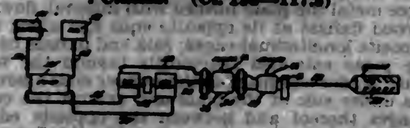
1. In a switch structure, the combination of a fixed rail, a switch-point swingable in a horizontal plane, and in the arc of a circle toward and away from the fixed rail, a rail plate extending transversely of said fixed rail and pivoted switch-point, said plate being provided with an opening adjacent the base flange of the fixed rail, a spring keeper plate having a part thereof anchored to said rail plate, and having a free end provided with a head normally projecting upwardly through said opening for engaging the swingable switch-point to secure the latter in either of two positions relative to the fixed rail.

2,104,210
METHOD OF FRACTIONATION
Petrus Jurjan Roelfsema, Walnut Creek, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
Application July 14, 1934, Serial No. 735,216
2 Claims. (Cl. 196—73)



1. In a process of fractional distillation, the steps of counterflowing in a fractionating zone a vaporized hydrocarbon mixture and a reflux formed in a condensing zone, automatically maintaining a constant pressure in the fractionating zone by regulating the rate of outflow of vapors in the condensing zone solely as a function of the pressure in the fractionating zone, automatically regulating the flow of the material being fractionated to the fractionating zone as an inverse function of the rate of flow of the condensate formed in the condensing zone, automatically maintaining a constant reflux ratio, and automatically regulating the heat input to the fractionating zone as an inverse function of the temperature at the top of said fractionating zone.

2,104,211
PROCESS FOR CREATING HIGH TEMPERATURES
Robert H. Russell, Cleveland, Ohio, assignor, by mesne assignments, to Gas Fuel Corporation, a corporation of Delaware
Application August 23, 1932, Serial No. 630,151
Renewed May 26, 1937
7 Claims. (Cl. 122—117.5)



1. A process of combustion comprising the steps of atomizing an emulsion of water and hydrocarbon oil and introducing the same under high superatmospheric pressure into a retort, introducing air from an extraneous source into the retort for supporting combustion, effecting combustion within the retort, and radiating heat resulting from the combustion to the zone of atomization for the purpose of rapidly heating the atomized emulsion to a high temperature as it is introduced into the retort.

2,104,212
CLUTCH MECHANISM FOR AUTOMOTIVE VEHICLES
John Stecker, Muscatine, Iowa
Application September 2, 1935, Serial No. 38,917
1 Claim. (Cl. 192—43)



In a clutch mechanism for automobiles, an axle provided at its end with two series of recesses in staggered relation forming oppositely disposed detents, a hub enclosing said recesses provided in its inner face with a pair of dogs for engagement with said series of recesses, plates in said recesses adapted for outward movement to close the same, rods resiliently supported on said axle and connecting said plates in pairs, so as to move one thereof outwardly said the other one inwardly, and vice versa, said a collar loosely mounted on said axle and operatively connected with said rods, to automatically operate the same upon a relative rotation of said collar and the axle.



Henry A. Wise Wood, [illegible], assignor to Wood Newspaper [illegible] Corporation, New York, N. Y., [illegible] Virginia
Original application [illegible] Serial No. [illegible], Sep- [illegible]
June 4, 1[illegible]



1. Apparatus for [illegible] and other purposes, [illegible] material disposed in a [illegible] drive means [illegible] and [illegible] other and [illegible] axial [illegible] An [illegible] means [illegible] strip [illegible] strip [illegible] engagement [illegible] and [illegible] of the first [illegible] and [illegible] parallel [illegible] and returned by [illegible]

2,104,213
APPARATUS FOR [illegible]
Anthony White Wood, [illegible] Harvard, London, England
Application September [illegible], Serial No. 39,697
In Great Britain [illegible]

2,104,214
APPARATUS FOR THE ADMIXTURE OF FUEL
Alexander Abramson, Prague, Czechoslovakia
Application February 19, 1937, Serial No. 126,162
In Czechoslovakia November 2, 1936
1 Claim. (Cl. 261—78)



In an apparatus for the admixture of fuel, a suction pipe having an orifice therein, a starting and no-load nozzle opening into said orifice, a throttle valve for said suction pipe adapted to form in its starting and no-load position, with the rearward edge of said orifice, a slit for the passage of incoming air, said suction pipe having a narrow, shallow longitudinal groove in the inner wall in alignment with said orifice, said groove running from a point spaced adjacent the orifice in the direction of the gas flow and a baffle at the opposite end of said groove, said baffle being arranged transversely of the groove and projecting from the wall of the suction pipe into the flow area thereof.

2,104,215
CARBURETOR FOR COMBUSTION ENGINES
Alexander Abramson, Prague, Czechoslovakia
Application February 19, 1937, Serial No. 126,163
In Czechoslovakia November 2, 1936
1 Claim. (Cl. 261—78)

In an apparatus for the admixture of fuel, a suction pipe having an orifice therein, a starting and no-load nozzle opening into said orifice, a throttle valve for said suction pipe adapted to form in its starting and no-load position, with the rearward edge of said orifice, a slit for the passage of incoming air, said suction pipe having a narrow, shallow longitudinal groove in the inner wall in alignment with said orifice, said groove running from a point spaced adjacent the orifice in the direction of the gas flow and a baffle at the opposite end of said groove, said baffle being arranged transversely of the groove and projecting from the wall of the suction pipe into the flow area thereof.

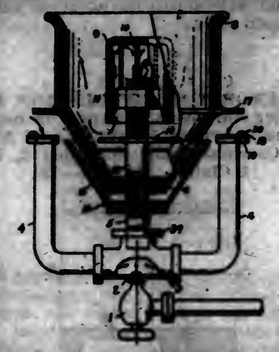
2,104,216
COMPOSITION FOR TREATMENT OF SEEDS
Joseph Roy Boose, Addlestone, Surrey, England, and Gustav Kessel, Hackensack, N. J.
No Drawing. Application January 17, 1936, Serial No. 59,559
6 Claims. (Cl. 167—22)

6. A composition for controlling fungus disease of seeds comprising a mercury compound taken from the class consisting of $RHgNHCOOH$, $RHgNHCONH_2$, $RHgNHCN$, $RHgNH$ aryl, $RHgNH$ alkyl, $RHgNC(NH\ aryl)_2$, $RHgNC(NH\ alkyl)_2$, wherein R is an unsubstituted aliphatic hydrocarbon radical.

2,104,217
GAS BURNER
Fred William Dolan, Calgary, Alberta, Canada
Application August 6, 1937, Serial No. 157,440
In Canada July 22, 1937
2 Claims. (Cl. 158—99)

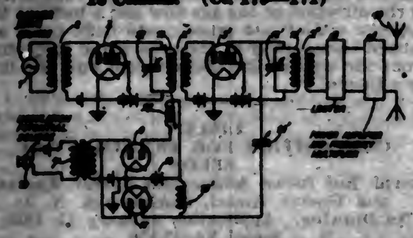
1. A gas burner of the type described comprising a gas cock, a gas and air mixing chamber to receive the from the said cock, air intake pipes entering said mixing chamber, means for the control of air supply through the said pipes, a [illegible] chamber for conveyance of gases to an outlet port, a [illegible] adjustably [illegible] said [illegible] and envelopping the said outlet port to invert the gas flow for ignition below the gas port level, [illegible] plate [illegible] by the said [illegible] and [illegible] from the said adjustable mantle, an open end [illegible]

bustion chamber enclosing the terminal burner elements for upward diversion of the gas flame, an outer flange circumventing the said chamber



for prewarming the inflowing air supplies, air passage-ways in the dished bottom of the said combustion chamber, and means for air supply regulation through the said air passage-ways.

2,104,218
MULTIPLE PHASE MODULATION
Murray G. Crosby, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application August 16, 1935, Serial No. 36,473
18 Claims. (Cl. 179—171)



2. The method of phase modulating wave energy in accordance with signals which consists in, modulating the phase of said wave at signal frequency, and modulating the phase of the resultant energy at the same signal frequency.

2,104,219
MANUFACTURE OF RIFLED TUBES
Allen A. Dicke, Montclair, N. J., assignor to Remington Arms Company, Inc., a corporation of Delaware
Application February 10, 1934, Serial No. 710,662
2 Claims. (Cl. 29—1.1)



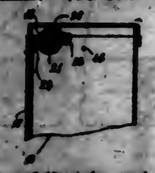
3. The process of rifling the interior surface of thin tubes comprising the steps of reducing the diameter of said tube at one end, placing said reduced end into the chuck of a drawing machine, placing within said tube a mandrel formed with a reversed rifling, and thereupon pulling said tube and mandrel together through a reducing die, whereby the tube is compressed upon the mandrel and its interior surface formed with the desired rifling, removing the mandrel from the tube and cutting off the reduced end portion.

2,104,220
FREEWHEELING CLUTCH
Stefan Fischer, Prague, Czechoslovakia
Application May 12, 1936, Serial No. 79,480
In Czechoslovakia May 12, 1936
18 Claims. (Cl. 192—44)



1. A free-wheeling clutch comprising a driving part and a driven part in coaxial arrangement, at least one jamming member between said parts, said jamming member having a free position and one jamming position in front and one jamming position behind its free position in the direction of rotation, a first resilient means arranged in front and a second resilient means arranged in the rear of said jamming member whereby said resilient means counteract each other, and each resilient means tends to urge said jamming member into one of its jamming positions respectively, a supporting member having a supporting surface for one of said resilient means, said supporting member being connected for rotation with one of said parts but movable relatively thereto, the other resilient means being supported by said last mentioned part, and means for moving said supporting member from the outside relatively to said last mentioned part whereby the tension of said resilient means supported by said supporting member may be altered upon a movement of said supporting member.

2,104,221
CABINET
William Gershon, Brooklyn, N. Y.
Application June 28, 1937, Serial No. 150,724
5 Claims. (Cl. 312—190)



1. In an article of the character described, the combination of a box structure having an opening, a curtain guide means mounted along said opening, a flexible curtain adapted to cover said opening, slidably mounted in the guide means, a bracket swingably suspended on the box structure, a roller journalled on the swingable bracket along an axis parallel to the axis along which the bracket is mounted; each end of the curtain being secured to the roller whereby upon rotation of the roller, the curtain will be wound thereon to uncover said opening, means to retain the cover over the opening, a manual member upon release of said curtain retaining means to automatically rotate the roller to wind up the curtain, and further adapted to return to operative condition upon manual sliding of the curtain to cover the

opening, and a brake mounted on the bracket, adapted to act against the roller to retard the movement of the curtain while the latter is being wound up on said roller.

2,104,222
CONTAINER AND METHOD OF MAKING SAME
Jose Guimaraes, Bayside, N. Y., assignor to Ferdinand Guimaraes & Co., Brooklyn, N. Y., a corporation of New York
Application July 17, 1936, Serial No. 91,140
5 Claims. (Cl. 221—60)



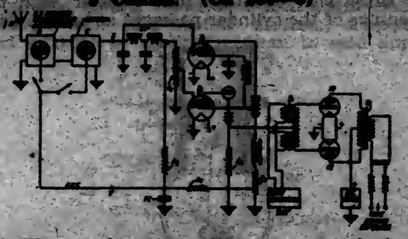
1. A container embodying therein a collapsible tubular metallic body having an unconstricted open bottom, a contracted top and a delivery nozzle extending from said top, an inner seal of flexible and ruptureable material extending across said nozzle and bonded about the top thereof by a heat fusible adhesive forming with said inner seal material a gas and liquid tight joint, and a closure cap removably mounted upon said nozzle and engaging said inner seal material.

2,104,223
PORTABLE HEATING RIG
Charles A. Hirschberg, Manasquan Palms, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a corporation of Virginia
Application August 10, 1936, Serial No. 745,530
9 Claims. (Cl. 255—53)



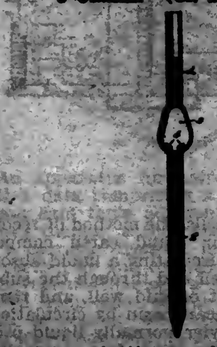
1. In a portable [illegible] of a character described, a handle at the [illegible] ing [illegible] ally [illegible] on said frame [illegible] necting the frame [illegible] movement in an [illegible] of the frame about [illegible] operating with [illegible] adjusted [illegible] justably [illegible] supporting [illegible] carried by said [illegible] to said handle.

2,104,224
SYSTEM OF COMPENSATING AUTOMATIC VOLUME CONTROL
E. Lee Kellogg-worth, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application June 27, 1934, Serial No. 732,565
9 Claims. (Cl. 250—8)



1. The combination with a source of signal carrying waves, of means for converting said waves into direct current impulses characteristic of the signals comprising, a rectifier connected to said source, a low-pass filter connected to said rectifier, a discharge tube having its input electrodes connected to the output of said low-pass filter, a utilization circuit connected to the output of said tube, an automatic volume control circuit having two parallel branches, one of which includes said low-pass filter and a resistance, and the other of which includes an additional tube and a resistance, and a connection between said automatic volume control circuit and said source of signal carrying waves.

2,104,225
MIXING PIPETTE
Wilhelm Jaffe, Hannover, Germany
Application January 31, 1936, Serial No. 61,603
In Germany January 23, 1935
2 Claims. (Cl. 23—292)

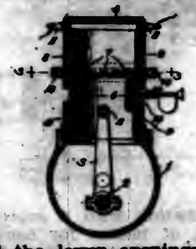


1. A mixing pipette especially a blood mixing pipette, comprising an upper capillary tube, a lower capillary tube, a mixing ampulla arranged between said upper and lower tubes, and at least one movable body accommodated in said ampulla and adapted to be shaken when said ampulla is reciprocated, said movable body having a passage formed therethrough.

2,104,226
TWO CYCLE INTERNAL COMBUSTION MOTOR
Elmer James Knox, Rivera, Calif.
Application November 2, 1936, Serial No. 108,742
3 Claims. (Cl. 123—73)

2. In a gas engine, a cylinder, a piston, the combination of longitudinal passages in the

cylinder external to the bore and communicating with it, at the top, and below the exhaust ports, and other similar passages lower down communicating with the crankcase and the middle openings being adapted to be opened and closed by the reciprocation of the piston, the piston having double opposed combustion chambers located on its sides with openings that register with the openings of the cylinder passages at bottom dead



center, and the lower openings of the piston chambers registering with the lower openings of the upper cylinder passages at about one half stroke, and means of igniting the charge in the upper cylinder passages, with a plurality of packing rings located above, below and between the piston chamber openings, the outer edges of the top and bottom rings located so as to pass slightly beyond the ends of the bore.

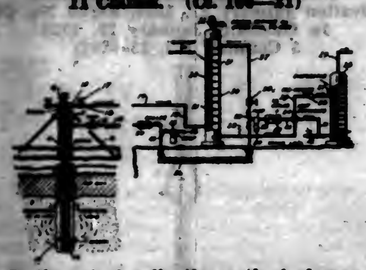
2,104,227

METHOD OF RECOVERING EARTH COMPONENTS FROM WELLS

Meinhard H. Kotzebue, Tulsa, Okla.

Application December 6, 1935, Serial No. 53,141

11 Claims. (Cl. 166—21)



1. In the art of wells, the method of recovering selected gaseous or liquid earth components which consists, in circulating a liquid absorption medium into the well and through the subterranean basin and out of said well, and removing from the subterranean basin by circulation and absorption the heavier normally liquid products having higher boiling points from normally gaseous mixtures and at the same time removing but a small proportion of components which are not condensable except under very high pressures and low temperatures.

2,104,228

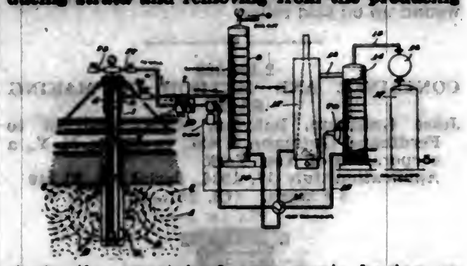
METHOD OF RECOVERING EARTH COMPONENTS FROM WELLS

Meinhard H. Kotzebue, Tulsa, Okla.

Application July 12, 1926, Serial No. 90,224

13 Claims. (Cl. 166—21)

1. In the art of oil wells, the method of recovering selected gaseous or liquid earth components which includes, circulating an absorption liquid having a specific gravity greater than the specific gravity of the components to be recovered in and out of a well and through the producing strata and removing from the producing



strata the ascertained components having an affinity for and absorbed by said absorption liquid, and leaving other components in the producing area.

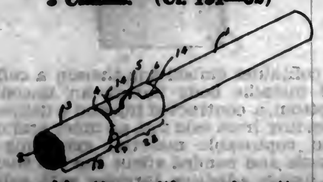
2,104,229

TIP FOR CIGARETTES

Sidney H. Levy, Baltimore, Md.

Application February 15, 1937, Serial No. 125,880

3 Claims. (Cl. 131—52)



2. In combination with a cigarette shell, a mouth-end encasement having perforations thereon to divide it into a plurality of sections, a portion of the encasement being securely held to the shell and another portion free to be tearably disconnected therefrom, said encasement being disposed on the mouth-end of the shell and within the longitudinal limits of the same.

2,104,230

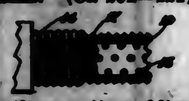
AERATING DEVICE

James Lockey, Great Burgh, Epsom, England, assignor to Standard Brands Incorporated, New York, N. Y., a corporation of Delaware

Application January 6, 1933, Serial No. 650,516

In Great Britain January 7, 1932

2 Claims. (Cl. 261—121)



1. A device for the aeration of liquids and dispersion of fluids comprising particles in suspension comprising a hollow body screw-threaded on its outer surface, and provided with escape passages formed by suitably disposed perforations, and an enstroling layer wound within the base of the thread so formed, and surrounding said hollow body having spacings therebetween, the spacings being of a width sufficient to permit an atomized stream of the aerating medium to issue but insufficient to permit the entry of suspended particles to said perforations.

2,104,231

MOP HOLDER

Edmund Prohaczy, New Britain, Conn.

Application April 26, 1937, Serial No. 138,286

2 Claims. (Cl. 266—3)

1. In a mop holder for adjustably securing the wire frame of a mop at the end of a mop handle,

a pair of similar opposed parti-cylindrical clamping members receiving the end of the mop handle and extending therebeyond, said extended portions terminating in a pair of parallel spaced flanges overlying a portion of the mop frame, opposed clamping jaws frictionally and rotatably receiving said portion of the frame and located between said flanges, said jaws having divergent



spaced side walls interconnected by opposed bottom walls, aligned rivets respectively pivotally connecting the bottom walls and flanges, the axes of jaw movement and frame movement intersecting substantially at right angles, and a bolt removably securing the clamping members to the frame and maintaining the mop frame in any adjusted position.

2,104,232

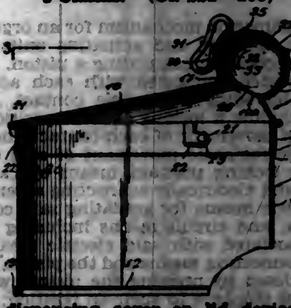
ROTATABLE DISPENSING AND MEASURING DEVICE

Carles J. Rohde and Marie T. Menier, New York, N. Y., assignors of one-half to Rose O. Rohde, New York, N. Y., and one-half to said Menier

Application January 22, 1935, Serial No. 2,071

Renewed May 12, 1937

6 Claims. (Cl. 221—106)



1. A dispensing cover or lid device provided with a skirt portion to be telescopically received on the top of a container for granular powdered or divided materials, and also being provided with a rotatable measuring device comprising closely fitting inner and outer spherical shells and adapted to be filled from the interior of the can and also to be turned out of communication with the interior of the can to discharge its contents to a place of consumption, the air being excluded from the container during said dispensing operation.

2,104,233

METHOD AND MEANS FOR REGULATING THE TEMPERATURE OF FLOWING MEDIA

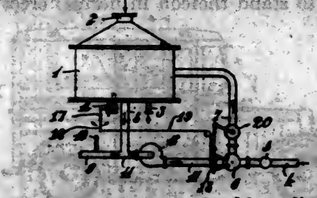
Curt Fredrik Rosenblad, Södertälje, Sweden, assignor to Aktiebolaget Rosenbladz Patenter, Stockholm, Sweden, a corporation of Sweden

Application October 10, 1935, Serial No. 194,956

In Sweden October 12, 1935

7 Claims. (Cl. 257—3)

1. A method of regulating the temperature of media discharged from apparatus for indirect heat transmission, comprising, supplying a gaseous medium to said apparatus, condensing said gaseous medium by indirect heat transmission to a cooling medium also supplied to said apparatus, discharging the condensed gaseous medium and also the warm cooling medium heated by the heat transmission separately from said apparatus, mixing a portion of said warm cooling medium with cold cooling medium, supplying said mixture as cooling medium to said appa-



ratus, the ratio of warm and cold medium in said mixture being controlled automatically so as to keep the temperature of the media discharged from said apparatus substantially constant for any quantity of said gaseous medium supplied per unit of time, and varying the velocity of flow of said cooling medium within the apparatus to decrease and increase continuously, when the quantity of said gaseous medium supplied per unit of time decreases and increases, respectively.

2,104,234

APPARATUS FOR CORRELATING DIETARY AND DIGESTIVE DATA

Oakley Smith, Chicago, Ill.

Application July 3, 1926, Serial No. 83,844

6 Claims. (Cl. 281—1)



1. An apparatus for correlating dietary and digestive data comprising a table, rails mounted upon said table adjacent and parallel with the ends thereof, a rod extending between said rails, a carriage disposed longitudinally of said table carried by and co-operating with said rails for movement thereon, a plurality of shields mounted upon said rod for rotative and longitudinal movement with respect to said table, means associated with said carriage for detachably securing an item form thereto and means associated with said table for securing and disposing a symbol receiving form upon said table beneath said shields and said carriage.

2,104,235

VEHICLE

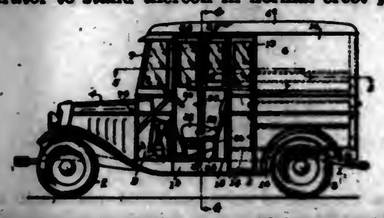
Edward J. Stahl, Lakewood, Ohio, assignor to The Baker-Raulang Company, Cleveland, Ohio, a corporation of Ohio

Application June 20, 1934, Serial No. 731,539

1 Claim. (Cl. 296—24)

In a wheel mounted vehicle having a chassis comprising substantially horizontal continuous side frames each having a running board along a portion and outwardly thereof and a power

plant mounted on said frames at the forward end thereof, a closed body on said frames rearward of said power plant, the opposite sides of said body being formed with alined doorways related to said running boards, a platform mounted on said frames and covering the entire area within said body from the rear sides of said doorways forwardly thereof and between the outer side edges of said side frames, the roof of said body being spaced from said platform to permit an operator to stand thereon in normal erect posi-



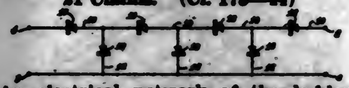
tion, a separate platform on said frames extending rearwardly from the rear sides of said doorways and disposed in a plane above said first mentioned platform, storing devices on said last mentioned platform rearwardly of its forward end, whereby the forward end portion of said separate platform forms a step, and a seat on said first mentioned platform adjacent one side edge thereof and mounted to move forwardly thereon to a position substantially forwardly of the adjacent doorway.

2,104,226

ELECTRIC SYSTEM

William Norris Tuttle, Cambridge, Mass., assignor to General Radio Company, Cambridge, Mass., a corporation of Massachusetts

Application July 30, 1932, Serial No. 626,845
21 Claims. (Cl. 178—44)



1. An electrical network of the ladder type having a plurality of sections and input and output terminals to operate on direct voltage of specified polarity applied to the input terminals comprising resistive series arms and resistive shunt arms, a plurality of the shunt arms each having a rectifier, the rectifiers being connected in such a sense as to make the direct voltage at the output terminals vary less than in proportion to the direct voltage at the input terminals.

2,104,227

ILLUMINATED SIGN

Charles J. Wanser, Milwaukee, Wis.

Application September 23, 1935, Serial No. 41,771
2 Claims. (Cl. 40—130)



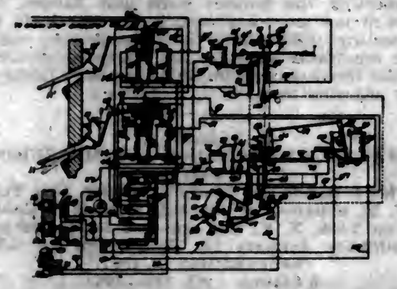
1. In an illuminated sign, a casing including a front wall having an opening, an opaque panel provided with cut-out characters and positioned in said opening, a pan detachably secured to the front wall at its upper and lower edges and to the bottom edge of said opaque panel, the upper edge of said panel being clamped between said front wall and pan, a translucent panel positioned at the rear of said opaque panel, and an illuminated tube carried by said pan in the rear of said translucent panel and comprising strokes conforming to those of the cut-out characters in the opaque panel.

2,104,228

COMBINATION STOP ACTION FOR ORGANS

John H. Wick, Highland, Ill., assignor to Wicks Pipe Organ Co., Highland, Ill., a corporation of Illinois

Application October 8, 1936, Serial No. 104,681
14 Claims. (Cl. 84—244)



1. A combination mechanism for an organ provided with stopkeys and actuating units therefor, said mechanism comprising a piston, a combination switch connected with each actuating unit and including a movable contact, locking means including a locking element positioned in the path of movement of each contact and being yieldable to facilitate movement of said contact toward its locking position, means operable for engaging and electrically connecting several contacts, electric means for actuating said connecting means, and circuit means including switch means associated with said electric means and with the connecting means and the piston, adapted to be closed by pressing the piston, whereby to move the stopkeys to their on position.

2,104,229

GAS SEPARATOR FOR PUMPS

Armais Arutunoff, Bartlesville, Okla.

Application August 7, 1933, Serial No. 683,967
2 Claims. (Cl. 183—2.7)

1. A multistage gas separator adapted for connection to the intake end of a well pump, including an outer member forming a series of superposed co-axial annular deflectors, the walls of which project downwardly and inwardly and terminate in open bottoms, rib means connecting said deflectors in vertically spaced relation so that the corresponding walls of adjacent deflectors form a series of unobstructed parallel downwardly and inwardly directed intake passageways of substantially uniform area throughout and open at their inner and outer extremities, means closing the bottom of the lowermost deflector, and an inner member comprising a delivery tube open at its lower end and adapted to be connected at its upper end to the intake of a pump, the lowermost of said deflectors defining an unobstructed inlet chamber, said tube extending downwardly through the central open-



ings of said deflectors in spaced relation thereto and terminating at the top of said chamber.

2,104,240

SIGNAL UMBRELLA

Thomas G. Carmody, Providence, R. I.

Application April 22, 1937, Serial No. 138,596
3 Claims. (Cl. 240—6.42)



1. In an umbrella, a tubular stick, a tip upon the stick provided with an orifice, an incandescent lamp in the tip, a battery for the lamp slidably mounted in the stick, a spring engaging the lamp and battery, an internal stop shoulder on the stick below the battery, said stick being provided below the shoulder with a slot, and a plunger including a disk normally resting upon the shoulder and supporting the battery, and a depending rod upon the disk registering in the slot.

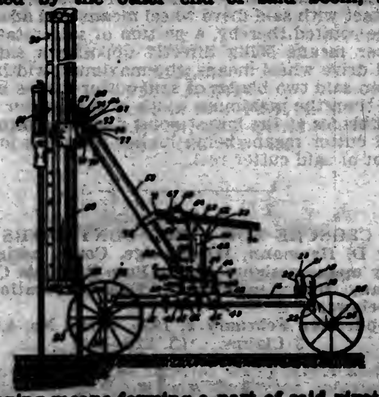
2,104,241

PORTABLE DRILLING RIG

John C. Curtis, Garfield Heights, Ohio, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio, a corporation of Ohio

Application May 21, 1936, Serial No. 81,050
6 Claims. (Cl. 255—61)

1. In a portable drilling rig, the combination of a carrying frame, supporting means for said frame, a boom carried by said frame, means pivotally connecting one end of said boom to said frame for pivotal movement on a horizontal and on a vertical axis relative to said frame, a brace associated with said boom adjustable in length for effecting the pivotal movement of the boom on said horizontal axis, a drill guiding frame carried by the other end of said boom, and



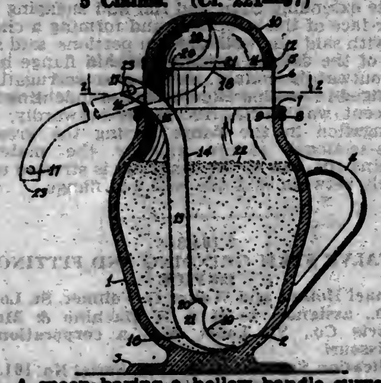
clamping means forming a part of said pivotally connecting means for establishing a rigid connection between said frames in any position assumed by said drill guiding frame due to the pivotal movements of said boom.

2,104,242

TABLE ACCESSORY

Paul G. De Martini, Jr., San Francisco, Calif.

Application March 17, 1937, Serial No. 131,219
5 Claims. (Cl. 221—97)



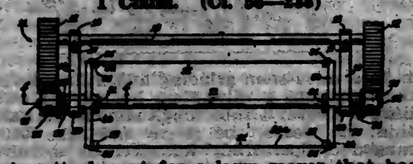
1. A spoon having a hollow handle curved in one direction at one end, and a ladle at the other end of the handle and curved in the other direction.

2,104,243

ATTACHMENT FOR LAWN MOWERS

Charles T. Fish, Scituate, Mass.

Application January 2, 1937, Serial No. 118,883
1 Claim. (Cl. 56—238)



An attachment for a lawn mower that has a cutter reel and drive wheel means, said attachment comprising rotatable cutter means embody-

ing two blades spaced apart, supporting means connected to said rotatable cutter means and fastened to said lawn mower, friction wheel means connected to said cutter means and in contact with said drive wheel means and adapted to be rotated thereby, a portion of said rotatable cutter means being directly opposite a side of said drive wheel means, the maximum width between said two blades of said cutter means being less than the maximum width of said cutter reel, said blades at the lowest point during rotation of said cutter means being higher than the lowest point of said cutter reel.

2,104,244

CLOSURE FOR FIBRE CONTAINERS

Roy D. Heymann, Woodbridge, Conn., assignor, by mesne assignments, to Pulp Products Company, Inc., New York, N. Y., a corporation of Delaware

Application February 2, 1935, Serial No. 4,688
3 Claims. (Cl. 229—5.5)



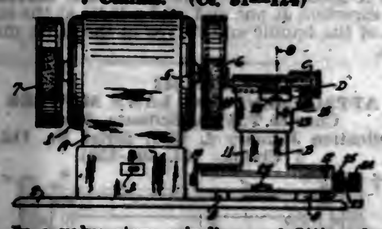
1. The combination with a moulded pulp container having an open mouth, a metal closure comprising a cupped portion fitted in the mouth of the receptacle with the side wall of the cupped portion engaging the inner face of the receptacle, a rim overlying the edge of the mouth, and a flange extending from said rim and engaging the outer face of the receptacle and forming a channel with said side wall and rim portions, said side wall of the cupped portion and said flange having outwardly convex, continuous corrugations arranged in nesting alignment and indenting the adjacent wall of the receptacle outwardly, the corrugation in the flange having the greater cross-sectional radius whereby the material forming the wall of the container is stressed uniformly between said side wall and flange.

2,104,245

VALVE STEM GRINDING AND FITTING DEVICE

Michael Hellat and Walter G. Vollmer, St. Louis, Mo., assignors to H & H Machine & Motor Parts Co., St. Louis, Mo., a corporation of Missouri

Application September 16, 1936, Serial No. 101,005
7 Claims. (Cl. 51—124)



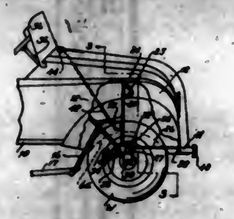
1. In a valve-stem grinding and fitting device, in combination, a valve-stem holding jig comprising a sleeve, a tube longitudinally shiftable within the sleeve, the sleeve and tube being arranged co-operatively for receiving a valve-stem and the sleeve having valve and valve-seat engaging faces, and means for securing the sleeve adjustably to the tube.

2,104,246

JUVENILE VEHICLE

Herman L. Kraeft, Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio, a corporation of Ohio

Application September 28, 1936, Serial No. 102,833
4 Claims. (Cl. 280—87.5)



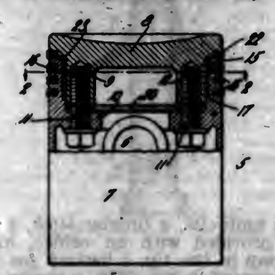
1. In a juvenile wheeled vehicle of the type having a pair of steering wheels, sheet-metal body sides having outwardly bulged portions adapted to shroud said wheels, and portions marginally adjacent the same which are substantially planar, and a transverse substantially upright plate having flanges connected to the latter portions of the sides in a manner to cross-brace the sides, the connections being disposed closely adjacent the fender bulges, said plate being adapted and arranged to support the wheels and the steering mechanism therefor.

2,104,247

PISTON

Elwood T. Larkin, Eggertsville, N. Y., assignor to Charles A. Criqui, Buffalo, N. Y.

Application September 16, 1935, Serial No. 40,771
5 Claims. (Cl. 309—15)



1. A piston having head and body portions of approximately the same outside diameters disposed in end to end relation with an outwardly opening annular peripheral groove separating said portions at their outside peripheries, and also having an endwise elongated neck portion of reduced diameter connecting and coupling said portions and having its peripheral surface spaced from the inner wall of said body to form an annular chamber of substantial length measured endwise of the piston, and opening into said peripheral groove, a radially expansible resilient piston ring disposed in said groove and substantially thinner than the width of said groove so as to be capable of limited movement in a direction endwise of the piston and engageable with one side face only at a time of said groove, whereby heat of said head portion is conducted to the end of said body portion nearest the head portion solely through said neck, and said expansible ring is cooled by contact with the relatively cool adjacent end of said body portion.

2,104,248

INDAZOLONES

John Lee, Zurich, Switzerland, assignor to E. R. Squibb & Sons, New York, N. Y., a corporation of New York

No Drawing. Application June 3, 1933, Serial No. 674,318
4 Claims. (Cl. 260—45)

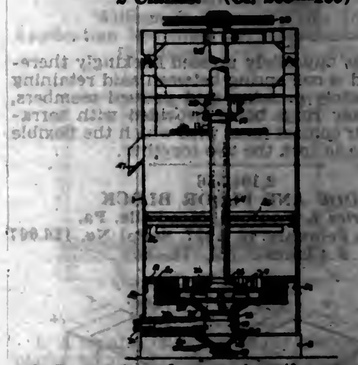
4. Indazolones of the general 1-R 2-phenyl 4,5,6,7-tetrahydro indazolone-3, wherein R represents a radical of the group consisting of methyl, ethyl, propyl, butyl, amyl, allyl, and bromallyl.

2,104,249

ORE SEPARATOR

Harry J. MacCamy, Spokane, Wash., assignor to Union Iron Works, Spokane, Wash.

Application April 15, 1935, Serial No. 16,378
2 Claims. (Cl. 209—169)



1. In a mineral separator, the combination of an enclosing tank, an interior feed-head having an outlet port in its upper face, a centrifugal impeller having an intake port in its lower face directly over said outlet port, means for supplying air to the impeller, said impeller having lateral discharge ports above its intake port, a baffle ring elevated above the bottom of the tank and supported therein, said ring forming a solid wall and surrounding the impeller, and spaced vertically arranged radially projecting plates on the inner side of said ring forming guide grooves adjacent the lateral discharge ports.

2,104,250

PISTON

Adolph L. Nelson, Detroit, Mich., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich.

Application July 23, 1936, Serial No. 92,239
6 Claims. (Cl. 309—11)



1. A piston comprising a head and a skirt, pin bosses connected to the head, the skirt having thrust faces between the pin bosses, ribs connecting the lower part of the pin bosses to the skirt, the skirt having a slot formed therein below one of the ribs, and having also a pair of closed-end slots formed in one of the thrust faces in the zone of the ribs.

2,104,251

PIPE JOINT

Alden E. Osborn, New York, N. Y.

Application December 24, 1936, Serial No. 117,430
6 Claims. (Cl. 285—193)



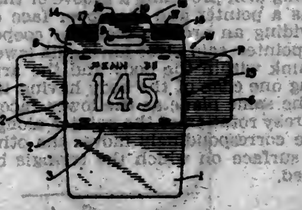
1. A fitting having a socket with a circumferential channel in the interior wall thereof and an aperture intersecting said channel, a deformable ring packing element within said channel, and a means for retaining a member within said fitting and for preventing leakage adjacent said means of retention, comprising a wire of relatively hard, strong material adapted to be wound thru said aperture and into said channel and against said packing by relative rotation between said fitting and said member while a part of said wire first inserted within the channel thru the aperture is held from movement in relation to said member.

2,104,252

MAILING CONTAINER

Elmer G. Overly, Oakmont, Pa.

Application January 8, 1936, Serial No. 58,834
2 Claims. (Cl. 229—72)

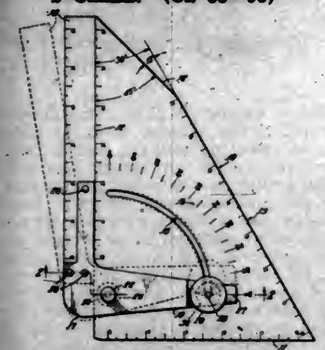


2. A mailing wrapper for license plates: said wrapper being flat and adapted for sale in that condition to the user; having a central portion and four flap-forming portions extending from the central portion, with score-lines defining the boundaries between the central portion and flaps, and one of the flaps having an address-viewing window in an area adapted to provide, with the underlying flap, a pocket for a license certificate having a mailing legend viewable through said window; said blank having a suitable remoistening adhesive on at least one of said pocket-forming flaps to define the boundaries of said pocket, permitting the enclosure of said certificate; and two of said flaps at opposite side edges of said central portion being of sufficient length respectively to be retained when said side-flaps have been folded over the plates and said pocket-forming flaps have been folded over said side flaps and adhered to each other, confining said side-flaps non-adhesively.

2,104,253
COMPOSITION OF MATTER FOR ARTIFICIAL STONE
Garabed Paghchesian, Waverley, Mass.
No Drawing. Application October 27, 1936, Serial No. 107,262
2 Claims. (Cl. 106—24)

1. A new composition of matter for making stone comprising asbestos fibres, Portland cement, coke ash liquor, and coriander seed.

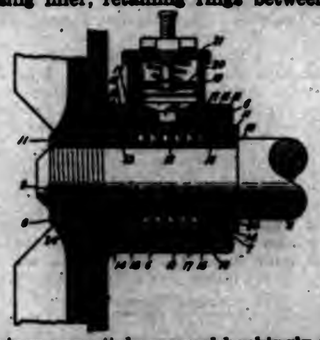
2,104,254
DRAFTSMAN'S INSTRUMENT
Jack V. Rich, Chicago, Ill.
Application July 23, 1936, Serial No. 92,110
2 Claims. (Cl. 33—93)



1. A drafting instrument of the kind described comprising a triangle body, an elongated member comprising a pair of arms angularly related to each other, one of said arms overlapping and the other extending along one edge of the triangle body, a pivot extending through and connecting the overlapping arm with said body, said overlapping arm providing a groove or the like adapted as a pointer and the upper face of said body providing an arcuate scale for cooperation with the pointer, said pivot having its lower end countersunk within the body and the arm extending along one edge of the body having its lower face in the same plane as the lower face of the body whereby rotation of the pointer along the arcuate scale correspondingly moves the other arm over the surface on which the triangle body is positioned.

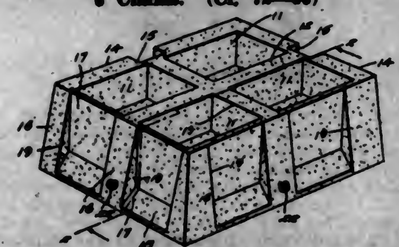
2,104,255
SHAFT SEALING MEANS
Herbert E. Rupp, Springfield Township, Richland County, and James O. Germaan, Mansfield, Ohio
Application December 18, 1936, Serial No. 116,612
4 Claims. (Cl. 286—7)

1. A sealing means for a shaft extending through a housing, comprising, in combination with the shaft and housing, a liner for that part of the housing through which the shaft extends, enlarging shoulders provided on the shaft at opposite ends of the liner, washer rings between and oppositely bearing against said shoulders, a spacing member between said washer rings, the said spacer member, washer rings and shoulder provisions being together rotatable with the shaft, conical wear rings between and oppositely pressed against said washer rings with their conical faces disposed inwardly, opposed conical flexible rings between and oppositely pressed against said wear rings with their conical faces radially overriding and frictionally locking into contact with the conical faces of the former and with their peripheries also fitting and pressed into frictional anti-rotational bind against the inner surface of the housing liner, retaining rings between said



flexible rings oppositely pressed backingly thereagainst, and a coil spring between said retaining rings oppositely pressing said pressed members, the said wear rings being provided with serrations in their conical faces with which the flexible rings engage to lock the two together.

2,104,256
ROOF AND FLOOR BLOCK
Charles L. Sanford, Meadville, Pa.
Application February 16, 1937, Serial No. 126,067
6 Claims. (Cl. 72—66)



1. A floor or roof block having one face at right angles to the bottom of the block and formed with a vertical recess in this face opening on the upper face of the block but terminating short of the bottom face of the block, the opposite face of the block being inclined downwardly and forwardly, and a tie extending through the block having an upwardly extending end disposed in the recess, the opposite end of the tie having an eye exposed on the inclined face of the block.

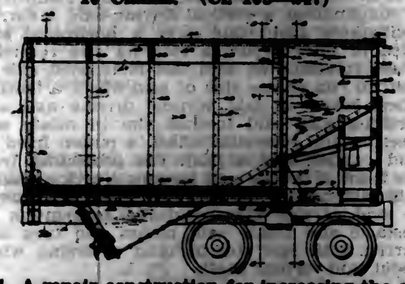
2,104,257
CONVERSION PRODUCTS OF DYESTUFFS AND PROCESS OF MAKING SAME
Fritz Straub and Hans Mayer, Basel, Switzerland, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland
No Drawing. Application August 10, 1936, Serial No. 95,235. In Switzerland August 17, 1935
9 Claims. (Cl. 260—11)

1. Conversion products of dyestuffs containing metal in complex union, obtained by heating in an aqueous medium basic dyestuffs with dyestuffs that contain metal in complex union and are free from sulfo-groups and carboxyl-groups, which conversion products are particularly suitable for dyeing masses varied tints of very good fastness properties.

2,104,258
PRODUCTION OF SOLUTIONS OF RUBBER AND SUBSTANCES SIMILAR TO RUBBER
Jules Trebaux, Basel, Switzerland, assignor to firm J. R. Geigy A. G., Basel, Switzerland
No Drawing. Application June 15, 1935, Serial No. 26,865. In Germany June 29, 1934
7 Claims. (Cl. 134—17)

1. A process for the production of solutions of rubber and substances similar to rubber, such as gutta-percha, balata and the like by causing crude rubber or similar substance to react in presence of a solvent with an acid agent, consisting in carrying out such reaction, with a small proportion of a sulphinic acid at a moderate temperature so as to realise a light to colorless solution of low viscosity.

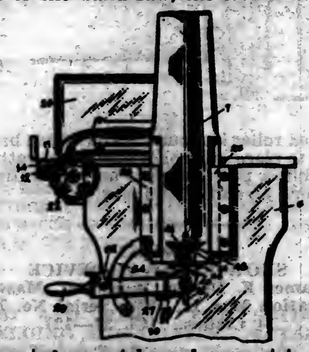
2,104,259
RAILWAY CAR
William E. Wine, Toledo, Ohio
Application November 20, 1935, Serial No. 50,764
10 Claims. (Cl. 105—247)



1. A repair construction for increasing the capacity of hopper cars having outside side stakes by providing the existing underframe of such cars with sides having inside side stakes, including in combination, side sills of the existing underframe of the car respectively having substantially vertical portions, a transverse load carrying member of the existing underframe having its ends respectively terminating at the vertical portions of the side sills, side sheets having vertical main body portions disposed outwardly of the ends of the load carrying member and said portions of the side sills, the lower portions of the side sheets being inclined downwardly and inwardly and terminating in flanges secured to the vertical portions of the side sills, and side stakes adjacent the ends of said load carrying member, each of said side stakes having angularly disposed plate portions, one of said plate portions being secured to the vertical and inclined portions of an adjacent side sheet and to the inner face of the vertical portion of the adjoining side sill and the other of said plate portions extending inwardly from the side sheets and being provided adjacent its lower end with an enlargement projecting inwardly beyond the vertical portion of the adjacent side sill and rigidly secured in overlapping relation to one side of said load carrying member.

2,104,260
MEAT CUTTING AND SLICING MACHINE
Carl G. Rice, Marblehead, Ohio
Original application February 27, 1936, Serial No. 66,071. Divided and this application January 28, 1937, Serial No. 122,324
2 Claims. (Cl. 143—27)

1. In a sawing machine, a band saw, a pair of wheels for supporting the band saw, means for rotating one of the wheels to move the saw over the wheels, a base, a member movably supported on the base, one of the wheels rotatably supported in the base, and the other of the wheels rotatably supported on the member, a spring pressed rod supported on the member, a lever having a cylindrical surface for engaging the spring pressed rod to resiliently move the member and vary the tension of the band saw, the lever having gear



teeth located arcuately and concentric with the said cylindrical surface, a rack, the centers of the teeth of the rack extending in a direction parallel to the direction in which the member is movable relative to the base, and a bearing pin for rotatably supporting the lever and movable therewith for guiding the cylindrical surface to maintain meshing relation between the teeth of the lever and the teeth of the rack.

2,104,261
ENVELOPE VANITY
Beatrice Gwendolyn Bryant, Oklahoma City, Okla.
Application July 1, 1937, Serial No. 151,466
5 Claims. (Cl. 132—32)

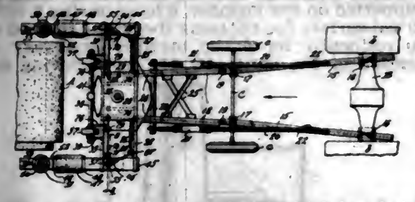


1. An envelope made of material that is not porous to face powder, two short lines of stitching across the envelope, each line beginning a short distance above a lower corner and extending downwardly a short distance in a diagonal direction and not to the bottom of the envelope so that a circular puff may be supported upon the lines of stitching within the envelope while a loose powder compartment is formed in the portion of the envelope below the stitching.

2,104,262
PIPE ROLLING DEVICE
William F. Cummings, Buffalo, N. Y., assignor to Great Lakes Concrete Pipe Co. Inc., Buffalo, N. Y.
Application June 9, 1936, Serial No. 84,261
21 Claims. (Cl. 214—1)

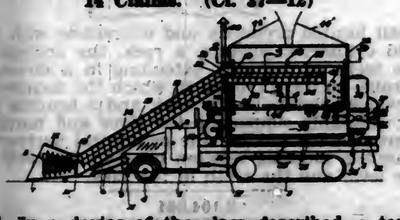
2. A device for rolling a pipe including a roller

arranged to engage the outer cylindrical surface of a pipe, a roller for engaging the inner cylindrical surface of a pipe, and a movable bracket mounted on said device and on which said last



mentioned roller is mounted and which bracket is movable to place said roller into an operative position within a pipe and into an inoperative position beyond an end of said pipe.

2,104,263
SNOW REMOVAL DEVICE
James E. Devlin, Worcester, Mass.
Application May 11, 1936, Serial No. 78,962
14 Claims. (Cl. 37—12)



4. In a device of the class described, a tank, means within the tank for melting snow, and means for discharging snow and ice in small particles to the tank, said last means including a perforated pipe within the tank, and a feed screw within the pipe.

2,104,264
HOLDER FOR STICK MATERIAL
Charles N. Ceryell, Mamaroneck, N. Y.
Application October 19, 1931, Serial No. 569,662
7 Claims. (Cl. 206—56)



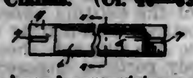
5. In a holder, a holder tube having a bottom end wall provided with an opening, an operating rod passing through said opening and disposed within said holder tube at one side thereof, a U-shaped guide within said holder tube between said operating rod and the other side of said holder tube, a carrier within said guide, a flexible band between said guide and said holder tube and connected at one end to said carrier and at the other end to said operating rod, said band being bent to pass down one side of said guide and up the other.

2,104,265
STEERABLE AND REVERSIBLE TOY VEHICLE
Karl Fuchs, Nuremberg, Germany
Application August 17, 1936, Serial No. 96,449
In Germany August 21, 1935
4 Claims. (Cl. 46—211)



1. A reversible and steerable toy, comprising in combination, a vertical driving axle, a carrier oscillatable about said axle, a horizontal axle fixed in said carrier, a steering and reversing wheel rotatable on said last-mentioned axle, a toothed rim on one side of said wheel, a toothed wheel keyed on said vertical driving axle and meshing with said toothed rim to rotate said steering and reversing wheel, a pinion fixed on said carrier, and a push rod projecting from the front of the toy and forming a rack engaging said pinion, said rod adapted to shift relatively to said carrier when said rod encounters an obstacle and rotate said pinion and turn said carrier with said steering and reversing wheel about said vertical shaft.

2,104,266
BULLETIN BOARD
Tolbert F. Gossett, Birmingham, Ala.
Application August 25, 1936, Serial No. 97,841
2 Claims. (Cl. 40—63)

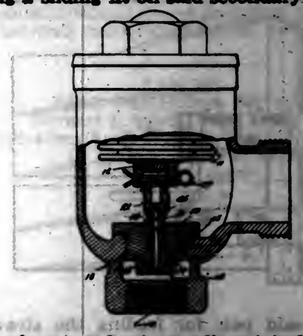


1. A bulletin board comprising a back board, a notice holder embodying an elongated plate having longitudinally disposed open slots in its opposite end portions, a headed member engaged with the back board, the open slot in one portion of the notice holder allowing said notice holder to be slid into effective engagement with the headed member, a shank extending out from the back board and extending through the slot in the opposite end portion of the notice holder when the notice holder is in effective engagement with the headed member, said shank having a part when in one position holding the adjacent end portion of the notice holder in place upon the back board, said part when in a second position offering no obstruction to the desired passage of the shank through the slot.

2,104,267
RADIATOR SIPHON TRAP
Edgar N. Grogan, Raleigh, N. C.
Application November 11, 1935, Serial No. 110,382
3 Claims. (Cl. 236—56)

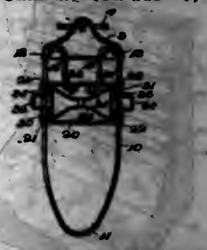
3. In a valve of the character described, a valve seat provided with an axial socket opening at the top of the seat and a threaded opening at the bottom of the seat, a sepondary valve tube having an open end externally threaded and

threadedly engaged in the opening of the valve seat, said tube being closed at its opposite end and provided adjacent said opposite end with a lateral minute intake opening, and a valve stem having a sliding fit on said secondary valve tube,



said valve stem having a diametrically enlarged portion to engage with said seat, and also having a lateral minute port aligning with the port in the secondary valve tube when the valve stem is in seated position.

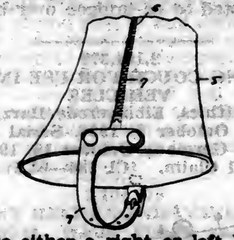
2,104,268
APPAREL SUPPORTING DEVICE
Harry Curtis Guyer, Charleston, W. Va.
Application June 19, 1937, Serial No. 149,240
15 Claims. (Cl. 241—7)



1. An apparel supporting device comprising a head member adapted to be attached to an article of apparel worn by a user, a resilient cord member directly connected to said head member and having an intermediate depending loop portion adapted to be directly attached to a second article of apparel worn by the user, and means directly connected to the two ends of said cord member and operable to move said ends with respect to the head member to thereby vary the distance between the intermediate depending loop portion of the cord and the head member.

2,104,269
ADJUSTABLE STRAP FOR LEGGINGS, GAITERS AND THE LIKE
Louis Horowitz, Brooklyn, N. Y., assignor of one-half to Abraham Wilkow, Brooklyn, N. Y.
Application September 23, 1936, Serial No. 102,180
3 Claims. (Cl. 36—3)

1. In combination, a legging having one part of a pair of snap fastener sets secured thereto adjacent its lower edge, said snap fastener parts being arranged in spaced relation and a strap having one end removably attached to the side of the legging opposite from said snap fastener parts and adapted to extend under the arch of the foot, an angular extension on the other end of said strap and having the other parts of said snap fastener sets secured thereto adjacent the ends of said angular extension, said last mentioned fastener parts being capable of securing



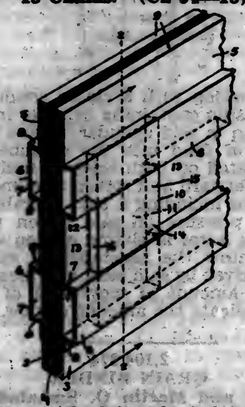
the strap to either a right or left legging each of which has its fastener elements correspondingly arranged for selectively positioning the strap forwardly or rearwardly with respect to the arch of the wearer

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2,104,270
METHOD AND MEANS FOR SOLDERING, WELDING AND COATING METALS
Erik Harry Eugen Johansson, Stockholm, Sweden
No Drawing. Application November 15, 1933, Serial No. 698,073. In Sweden October 5, 1932
1 Claim. (Cl. 148—26)

A method of metallizing objects of aluminum or its alloys in which cadmium and zinc are liberated in melted condition during the working process as metallizing metals from a mixture supplied to the surface of the object, said mixture containing haloid salts of cadmium and zinc and a fluoride of an alkaline earth metal, said salts of cadmium and zinc being in such a proportion by weight that the metal melt obtained by reaction contains cadmium and zinc in the approximate ratio 1:3.

2,104,271
EXPANSION JOINT
Herbert C. Jussen and Vincent V. Malcom, Mariemont, Ohio, assignors to The Philip Carey Manufacturing Company, a corporation of Ohio
Application July 7, 1936, Serial No. 89,337
15 Claims. (Cl. 94—18)



1. An elongated plate adapted to be inserted between a joint strip and a paving section comprising a longitudinally disposed projecting means on one side adapted to contact with the

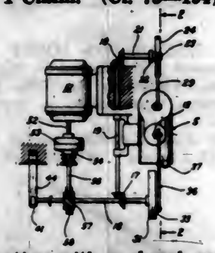
paving section and a complemental reservoir oppositely disposed to the projection on the other side, a transversely disposed projecting means and a complemental reservoir, both of said reservoirs adapted to be bridged over by the joint strip.

2,104,372
RECLINING COUCH FOR USE IN MOTOR VEHICLES
August Matthies, Elbingerode/Harz, Germany
Application October 6, 1936, Serial No. 104,264
In Germany October 19, 1934
1 Claim. (Cl. 280—81.5)



A reclining couch for motor vehicles, comprising in combination a reclining surface, pairs of mutually displaced swivel rollers mounted one pair on each side of said surface to allow the couch to be moved forwards, backwards and sideways when in use, angle pieces carrying said pairs of rollers adapted to be reversibly secured to said reclining surface to support said surface on one or other of the rollers of said pairs of rollers to adjust the inclination of said surface, a head rest adjustable on one end of said surface, wing nuts adapted to secure said head rest in its adjusted position, and a hitch device secured to the other end of said surface irrespectively of its angle of inclination.

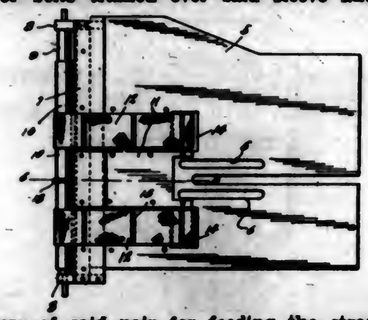
2,104,373
MEASURING APPARATUS
Charles I. McNeil, Bloomfield, and Raymond T. Zwack, East Orange, N. J., assignors to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey
Application April 6, 1936, Serial No. 73,018
1 Claim. (Cl. 73—194)



In combination with a closed conduit, a fluid receiving, piston containing cylinder in said conduit, a piston in said cylinder, means for directing a flow of fluid into the chambers of said cylinder located on both sides of said piston, to resist both forward and return movement of said piston, means including a part operable to apply a constant pressure on said piston to tend to continue the latter in sliding motion within said cylinder against the resistance of said fluid, a controller driven by said part, and means responsive to the amount of movement of said controller to indicate the amount of flow along said conduit.

2,104,374
GRAIN BINDER
John Olson and Martin O. Smaaladen, Aneta, N. Dak.
Application April 29, 1937, Serial No. 139,818
3 Claims. (Cl. 56—470)

1. In a grain binder, and in combination, a roller, a laterally shiftable deck, a sleeve mounted on the roller to turn therewith and to shift longitudinally of said roller, a pair of laterally spaced rollers mounted on said deck, endless conveyor belts trained over said sleeve and the



rollers of said pair for feeding the straws of grain evenly to the packers of the binder, and interengaging means on the deck and said sleeve whereby said deck and sleeve will shift laterally in either direction.

2,104,375
DICE GAME ACCESSORY
James M. Perry, Lake Charles, La.
Application June 4, 1936, Serial No. 83,584
8 Claims. (Cl. 273—148)



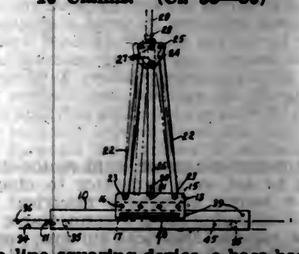
4. A dice table fence having a surface exposed to impact of dice thrown by players; said surface provided with a non-planar surface to vary the direction of rebound of the dice.

2,104,376
MUFFLER
Herbert S. Powell, Utica, N. Y.
Application May 1, 1936, Serial No. 77,410
6 Claims. (Cl. 181—53)



4. A muffler comprising a casing having walls and partitions dividing the internal space in the casing into a plurality of separate compartments, and a plurality of tubes extending through said compartments for directing the exhaust gases through the casing, each of said tubes having a portion thereof formed by a spirally wound sheet having a plurality of projections thereon for spacing apart the overlapping portions of the sheet, said spirally wound sheets providing communication between each compartment and a different tube.

2,104,377
LINE SQUARING DEVICE
Herbert L. Prout, Villa Park, Ill.
Application April 17, 1937, Serial No. 137,538
10 Claims. (Cl. 33—86)



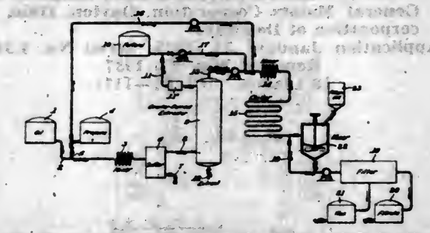
5. In a line squaring device, a base bar, an indicator carriage removably secured to said bar, and an indicator bar movably associated with said carriage by rock bars and adapted to indicate a true right angle between a line secured to said indicator bar and a line secured to said base bar.

2,104,378
OUTPUT DOSE METER
Herbert Pychlau, Freiburg, Germany
Application September 22, 1933, Serial No. 690,703
In Germany September 24, 1932
10 Claims. (Cl. 250—84)



1. An instrument for the determination of the intensity of Röntgen and other ionizing rays, comprising in combination a transformer consisting of two circuits the first including the transformer primary and the second the transformer secondary adapted to be energized by said primary, said transformer secondary consisting of a high voltage section and a low voltage section, a valve in the high voltage section of the circuit including said secondary, a condenser adapted to be charged by said valve, an ionization chamber connected with the high voltage section of said secondary, an electrode extending into said chamber and adapted to receive current from said chamber, an electromagnetic relay comprising two contact plates connected with said electrode and an earthed resiliently mounted rocker blade adapted to be attracted by said contact plates, a contact adapted to be closed by said rocker blade, a switching means connected to the low voltage section of said transformer secondary, a wire connecting said contact with one step of said switching means, an earthing line connected to said switching means, an electromagnetic relay, comprising an armature and adapted to close and to interrupt said earthing line, a stop watch control element adapted in inoperative position to close said earthing line and during the first stage of the operation of said switching means to connect said electromagnetic relay with said earthing line through the intermediary of said wire, an earthed magnet coil connected to a second step of said switching means adapted in the second operation stage of said switching means to become energized and attract said stop watch control element to start the stop watch, and a second magnet coil in said wire adapted to be energized at the closing of said contact by said blade and attract said control element and return it into its inoperative position and stop the watch.

2,104,379
SOLVENT REFINING OF MINERAL OIL
Daniel Stryker, White Plains, and James H. Grahame, Mount Vernon, N. Y., assignors to The Texas Company, New York, N. Y., a corporation of Delaware
Application May 10, 1934, Serial No. 724,852
1 Claim. (Cl. 196—18)

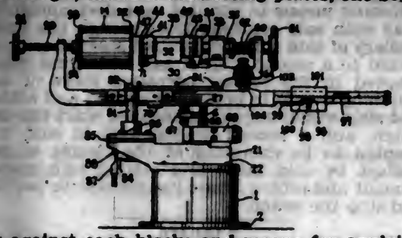


In the process of manufacturing lubricating oil from residual lubricating oil stock containing large amounts of wax, such as derived from Mid-Continent crude, the method comprising diluting the wax-bearing oil with propane in sufficient quantity to precipitate the asphaltic constituents while retaining the remaining oil and wax in solution, removing the asphaltic constituents so precipitated, extracting the remaining solution of wax-bearing oil in propane with furfural at a temperature in the range of 200° to 300° F. whereby the mixture is separated into a raffinate phase comprising wax and liquid paraffinic constituents of the oil, propane and a substantial amount of furfural, and an extract phase comprising naphthenic constituents dissolved in furfural, removing the extract phase, adding a further quantity of a non-hydrocarbon solvent having anti-solvent action for wax, to said raffinate phase to form with the retained furfural and propane a solvent mixture exerting selective action as between wax and oil at a temperature of around 0° F., chilling the resultant mixture to precipitate solid hydrocarbons, removing the solid hydrocarbons so precipitated in the presence of the entire amount of anti-solvent liquid, including that initially contained in the raffinate phase, and recovering the solvent from the resulting dewaxed oil.

2,104,380
CENTRIFUGAL CASTING MACHINE
Enrique G. Touceda, Albany, N. Y., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y., a corporation of New York
Application May 5, 1934, Serial No. 724,005
5 Claims. (Cl. 22—65.1)

1. In an electric furnace, in combination: a crucible formed as an elongated trough, open at each end and formed of refractory electrical conducting material; refractory electrical conducting blocks, one applied removably to either end of the trough and serving to close the same at one end while the other block has an orifice to

permit discharge of fused material endwise from the trough; metallic conducting plates, one bearing against each block; and means for applying a difference of potential to the metallic conducting plates.

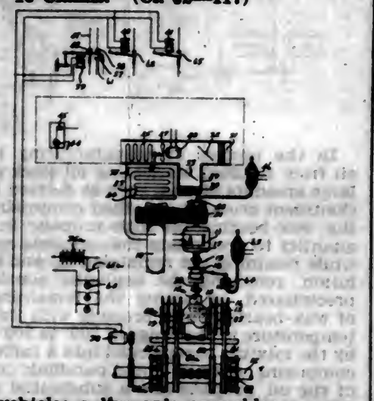


2,104,281

REFRIGERATING APPARATUS

Donald F. Alexander, Charles L. Paulus, and Charles F. Henney, Dayton, Ohio, assignors to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application January 31, 1935, Serial No. 4,346
Renewed May 21, 1937
18 Claims. (Cl. 62—117)



1. In a vehicle; a live axle assembly; a compressor; a unitary motor-generator; a battery; torque transmitting means from said live axle assembly to said compressor and motor-generator and between said compressor and motor-generator; control means, automatically responsive to vehicle running conditions, to cause said motor-generator, to act as a motor energized from said battery, to drive said compressor independently of said live axle assembly when said vehicle is standing and, when said vehicle is in motion, to cause said live axle assembly to drive, through said torque transmitting means, said compressor and said motor-generator, said motor-generator arranged to act as a generator to charge said battery, and the generating field of said motor-generator being energized in a circuit in parallel with said battery.

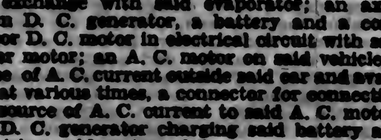
2,104,282

REFRIGERATING APPARATUS

Donald F. Alexander, Charles F. Henney, and Charles L. Paulus, Dayton, Ohio, assignors to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application March 4, 1937, Serial No. 129,624
Renewed September 16, 1937
16 Claims. (Cl. 62—117)

1. In a vehicle; a live axle assembly; a compressor; a unitary motor-generator; a battery; torque transmitting means from said live axle assembly to said compressor and motor-generator and between said compressor and motor-generator; control means, automatically responsive to vehicle running conditions, to cause said motor-generator, to act as a motor energized from said battery, to drive said compressor independently of said live axle assembly when said vehicle is standing and, when said vehicle is in motion, to cause said live axle assembly to drive, through said torque transmitting means, said compressor and said motor-generator, said motor-generator arranged to act as a generator to charge said battery, a source of outside electrical current, a current-changing device connectable to said source of outside electrical current, connecting means for connecting said source to said current-changing device and for connecting said current-changing device to said battery and motor-generator, and means for modifying said control means when said current-changing device is operating to cause said motor-generator to act as a motor to drive said compressor when said car is in motion.



2,104,283

REFRIGERATING APPARATUS

Robert E. Cassler and Donald F. Alexander, Dayton, Ohio, assignors to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application May 20, 1937, Serial No. 143,843
11 Claims. (Cl. 62—117)



3. In combination, a railway car or the like; an air conditioning system on said car including a compressor, a condenser, and an evaporator in refrigerant flow relationship; a blower and blower motor, said blower circulating air in thermal exchange with said evaporator; an axle-driven D. C. generator, a battery and a compressor D. C. motor in electrical circuit with said blower motor; an A. C. motor on said vehicle, a source of A. C. current outside said car and available at various times, a connector for connecting said source of A. C. current to said A. C. motor; said D. C. generator charging said battery and energizing said motor while said car is enroute and said A. C. connector is not connected and provisions whereby said A. C. motor provides energy for driving the compressor motor intermittently in response to refrigeration demand and energizing said blower motor and for charging the battery independently of refrigeration demand when said connector is connected to said source of A. C. current.

2,104,284

METHOD OF MANUFACTURING ROOFING ELEMENTS

William A. Harris, Overland, Pa., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application July 25, 1936, Serial No. 92,475
4 Claims. (Cl. 91—68)



1. A method of manufacturing roofing material which comprises applying a coating of asphalt to one face of a sheet of prepared base material, applying a layer of granular material over said coated face, scoring the surface of said sheet to form furrows therein and expose asphalt in the underlying coating, superimposing a second layer of asphalt upon the layer of granular material, and applying sufficient pressure to the coated surface to force asphalt from the superimposed coating through the furrows to contact and adhere to the asphalt in the underlying coating.

2,104,285

RADIATOR CLEANING COMPOSITION

Walderse B. Hendrey, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

No Drawing. Application August 27, 1934, Serial No. 741,742
3 Claims. (Cl. 87—8)

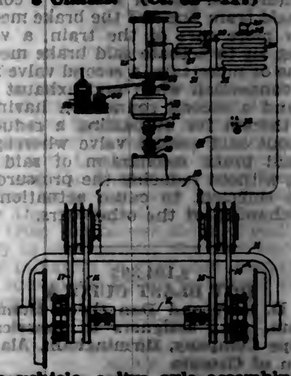
2. A radiator cleaning composition consisting of about equal parts by weight of kerosene and sodium metasilicate, and about 0.5–2% by weight of sodium bichromate on the weight of the said composition.

2,104,286

REFRIGERATING APPARATUS

Harry B. Hull, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application January 31, 1935, Serial No. 4,344
8 Claims. (Cl. 62—117)



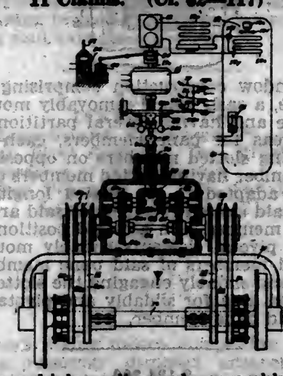
1. In a vehicle, a live axle assembly; a compressor; a unitary motor-generator; a battery; torque transmitting means from said live axle assembly to said compressor and motor-generator and between said compressor and motor-generator; control means, automatically responsive to vehicle running conditions, to cause said motor-generator to act as a motor energized from said battery, to drive said compressor independently of said live axle assembly when said vehicle is standing and, when said vehicle is in motion, to cause said live axle assembly to drive, through said torque transmitting means, said compressor and said motor-generator, said motor-generator arranged to act as a generator to charge said battery, said compressor having a plurality of pistons; and means for varying the number of pistons in operation.

2,104,287

REFRIGERATING APPARATUS

Harry B. Hull and Donald F. Alexander, Dayton, Ohio, assignors to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application January 31, 1935, Serial No. 4,345
11 Claims. (Cl. 62—117)



1. In a vehicle, a live axle assembly; a compressor; a unitary motor-generator; a battery; torque transmitting means from said live axle assembly to said compressor and motor-generator and between said compressor and motor-generator; control means, automatically responsive to vehicle running conditions, to cause said motor-generator to act as a motor energized from said battery, to drive said compressor independently of said live axle assembly when said vehicle is standing and, when said vehicle is in motion, to cause said live axle assembly to drive, through said torque transmitting means, said compressor and said motor-generator, said motor-generator arranged to act as a generator to charge said battery; and mechanical means, automatically maintaining the same direction of current generated by said motor-generator when the vehicle travels in either direction.

2,104,338

CUP MOUTHPIECE FOR BRASS INSTRUMENTS

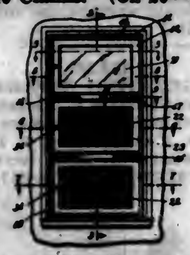
Arthur A. Lanow, Silver Lake, Minn.

Application June 4, 1936, Serial No. 83,463
5 Claims. (Cl. 84—396)



1. A cup mouth piece for wind musical instruments, the interior of which in its upper portion is inwardly bulging so that it comes closer to the rim of the mouth piece than does the lower surface of said cup, the interior of the rim of said cup being circular and concentric to the longitudinal axis of the cup.

2,104,289
WINDOW CONSTRUCTION
John M. Meck, New York, N. Y.
Application May 18, 1937, Serial No. 143,255
10 Claims. (Cl. 20—42)



1. A window construction comprising a window frame, a sash frame removably mounted in said frame and having several partitions dividing off areas for pane members, each of said areas having slotted members on opposite sides, a pane member having slotted members on opposite sides adapted to be located longitudinally adjacent said slotted members of said area when said pane member is in a closed position in said area, and pivotal elements slidably mounted in the slotted members of said pane members and pivotally and slidably engaging the slotted members of said area for slidably and pivotally supporting said pane member.

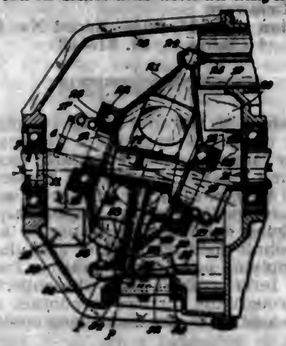
2,104,290
LIQUID PRESSURE REGULATING VALVE
Thomas W. Murphy, Bala-Cynwyd, Pa., assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa., a corporation of Delaware
Application October 2, 1936, Serial No. 103,764
13 Claims. (Cl. 137—153)



1. A liquid fuel pressure regulating valve comprising a casing, an inlet port, a burner port and a by-pass port, a sleeve removably mounted in said casing and providing an annular space with the casing, a spring depressed piston movable in said sleeve, a valve controlling said burner port and operable through the liquid pressure acting on said piston, and means for by-passing liquid fuel at a predetermined pressure.

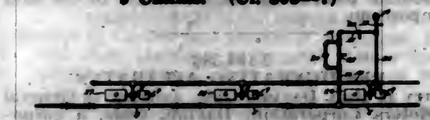
2,104,291
SWASH MECHANISM
Charles Benjamin Redrup, Bristol, England, assignor to The Bristol Tramways & Carriage Company Limited, Bristol, England, a British Company
Application December 12, 1936, Serial No. 115,592
In Great Britain December 21, 1935
13 Claims. (Cl. 74—60)

1. Swash-mechanism comprising, in combination, a swash-member borne upon a crank rotatable about a crank-shaft axis, a stabilizer having a part which is constrained always to move in a plane containing the crank-shaft axis, means for oscillating said part of said stabilizer about the point of intersection of the crank-axis and the crank-shaft axis with an amplitude equal



to half the amplitude of oscillation of the swash-member about that point and means for restraining relative rotational movement between the swash-member and said part of the stabilizer about the crank-shaft axis.

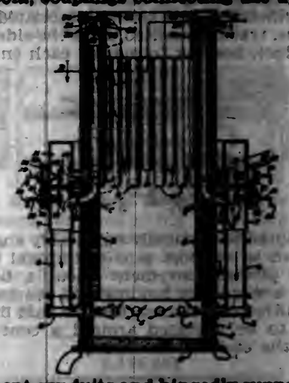
2,104,292
CONTROL FOR AUTOMATIC AIR BRAKE APPARATUS
Michael Reynolds, Ottumwa, Iowa
Application September 26, 1935, Serial No. 42,199
9 Claims. (Cl. 303—7)



1. In an automatic air brake system, the combination with a train line and the brake mechanism of individual cars of a train, a connection between said train line and the brake mechanism of one or more cars of the train, a valve for exhausting air to actuate said brake mechanism of said one or more cars, a second valve for closing said connection when said exhaust valve is opened, and a second connection having a restriction therein for by-passing a reduced flow of air about said second valve whereby to recharge said brake mechanism of said one or more cars without reducing the pressure in said train line sufficient to cause actuation of the brake mechanism of the other cars.

2,104,293
HOT BLAST CUPOLA
Clarence D. Barr and Dan Owen Holmes, Birmingham, Ala., assignors to American Cast Iron Pipe Company, Birmingham, Ala., a corporation of Georgia
Application August 17, 1935, Serial No. 36,744
10 Claims. (Cl. 266—14)

1. In a hot blast cupola having a chamber to receive a charge of materials to be melted therein and tuyères communicating with said chamber adjacent its lower end to deliver blasts of air thereto to create a melting zone at the bottom of the chamber, means to preheat the air delivered by said tuyères to said chamber comprising bustle pipes into which the air is delivered under pressure, conduits leading from said bustle pipes upwardly within the cupola, a second set of conduits leading downwardly in said cupola, couplings connecting the upper ends



of adjacent conduits and hingedly supporting the same at their tops within said cupola, and bustle pipes communicating with said second conduits and said tuyères.

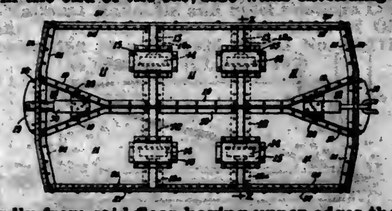
2,104,294
HEATING AND VENTILATING OF PASSENGER CARS
Edward A. Halbleib, Rochester, N. Y., assignor to General Motors Corporation, Rochester, N. Y., a corporation of Delaware
Application March 7, 1935, Serial No. 9,729
3 Claims. (Cl. 98—2)



3. In an automobile body, a dash, front and rear seats, a blower secured to the dash, a housing secured to the blower, a heating element in the housing, shutters on the housing to control the flow of air over the heating element to the blower, a cowl ventilator, a conduit connecting the cowl ventilator with the housing between the heating element and the blower to supply fresh outside air to the blower, a cover to control the flow through the ventilator, a plurality of conduits leading from the blower along opposite sides of the body to substantially the rear seat, and adjustable radiators in each last mentioned conduit at convenient points to control the flow of air therefrom.

2,104,295
MINE CAR
Wilbur D. Hockensmith, Jr., Irwin, Pa.
Application May 28, 1931, Serial No. 540,610
25 Claims. (Cl. 105—264)

1. A mine car comprising a pair of axles, center sills extending longitudinally of said car and supported on said axles, the ends of said center sills at each end of the car being flared outwardly, a floor suspended from said center sills, wheels on said axles extending through openings formed in said floor, hoods covering the wheel openings on said floor, bumping members between the flared ends of said center sills, a draft bar having its outer end of arcuate section projecting from the end of the car, side walls extending upwardly from said floor having upper edges thereof projecting inwardly, and means for removably securing said axles to said floor.



2,104,296
INKING DEVICE
David Hoppenstand, Pittsburgh, Pa., assignor to Hopkan Rivet Company, Inc., Pittsburgh, Pa., a corporation of Pennsylvania
Application February 11, 1935, Serial No. 6,000
6 Claims. (Cl. 197—171)



2. A web inking device comprising an inking roller, a reservoir disposed adjacent thereto adapted to feed ink to the roller for delivery to a web moving therepast, and means to prevent reverse rotation of the roller on reversal of said web.

2,104,297
CYLINDER LOCK
Norman B. Hurd, Newington, Conn., assignor to The American Hardware Corporation, New Britain, Conn., a corporation of Connecticut
Application May 6, 1937, Serial No. 141,045
10 Claims. (Cl. 70—364)

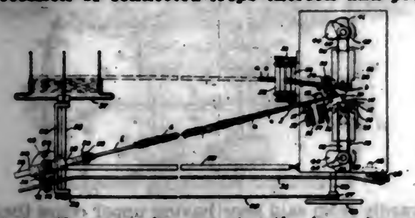


1. In a cylinder lock, a cylinder body, a rotatable plug therein having a longitudinal key slot in one side, locking tumbler sections in said plug and body, a plug blocking tumbler supported in a passage in said body for reciprocal movement only, the end of said blocking tumbler being beveled off to be engaged by one edge of said key slot to be repressed thereby.

2,104,298
AUTOMATIC LOOP FEED FOR MACHINES FOR APPLYING ORNAMENTATION TO HEADER LOOPS
Hugo A. Klahre, Teaneck, N. J., assignor to Consolidated Trimming Corporation, New York, N. Y., a corporation of New York
Application July 20, 1935, Serial No. 32,289
17 Claims. (Cl. 28—2)

1. An automatic loop feeding member for ornamentation making and applying machines, said

member consisting essentially of an elongated reciprocable rod adapted to support and carry a succession of connected loops thereon and pro-



vided with means for engaging the loops in succession and delivering them to the machine at each forward reciprocation of the feed member, and means for reciprocating said member.

2,104,399
CIRCUIT CONTROLLING DEVICE
Clarence W. Kuhn, Milwaukee, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application November 26, 1934, Serial No. 754,749
7 Claims. (Cl. 200—111)



1. In a starting relay for alternating current motors, in combination, an insulating support comprising a horizontally arranged body portion having an associated vertically arranged spool on the under side thereof, cooperating stationary and movable contacts mounted upon the upper side of said body portion, said movable contact being movable between given extreme positions, a winding carried by said spool, a plunger for said winding movable vertically within an opening in said spool, said plunger having an enlarged weight projection on the lower end thereof and being suspended from said movable contact to normally hold the latter in one extreme position, means for moving said movable contact into its other extreme position prior to full movement of said plunger into a given attracted position, said plunger being movable with respect to said contact to permit full movement thereof into its attracted position and a plurality of removable shims associated with said plunger and arranged between the weight projection on the lower end thereof and the lower end of said spool, said shims providing for adjustment of the attracted position of said plunger.

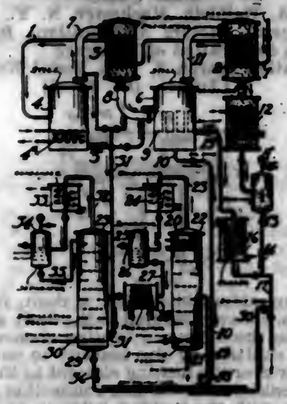
2,104,400
DUST SUCTION DEVICE FOR CLEANING FUR CLOTHING, ETC.
Stephen Lanyi, Passaic Park, N. J.
Application May 23, 1936, Serial No. 81,349
3 Claims. (Cl. 15—6)

1. In a dust suction device for furs, clothing, etc. including an inverted saucer-like casing adapted to be attached on a table and having a top opening, a plate having a longitudinal slot closing said opening, an air duct within said casing and extending across said slot, a blower mounted within the casing, a combination brush and vibrator within said duct and adjacent said slot for brushing and beating furs, clothing, etc. passed over the top of said casing, and a means for driving said combination brush and vibrator; means for adjustably mounting the brush and vibrator, comprising a shaft, a pair of spaced hollow cylindrical end sections mounted on said shaft ends, tracks mounted upon the side walls of said air duct, bearing frames at each end of said



shaft adapted to vertically adjustably engage said tracks and to support said cylindrical end sections for pivotal movement about a horizontal axis, and a means for holding said bearing frames in their adjusted position to allow said brush and vibrator to be adjusted around a center intermediate the ends of the brush.

2,104,401
PROCESS FOR SOLVENT TREATING OILS AND RECOVERING SOLVENT
Eger V. Murphree and Edward D. Reeves, Baton Rouge, La., assignors to Standard Oil Development Company, a corporation of Delaware
Application July 14, 1934, Serial No. 735,142
4 Claims. (Cl. 196—13)



1. In a process for treating mineral lubricating oil with a solvent which is substantially immiscible with and has a lower boiling point than water, the said treatment being carried out at temperatures below the freezing point of water, the improved method of recovering solvent substantially free from water which comprises distilling the major portion of the solvent from the oil, then steam stripping the distillation residue to recover the remaining solvent, retaining the second distillate separate from the first, condensing the second distillate obtained from the steam stripping, separating the solvent layer from the water layer, passing the solvent layer which still contains some water into a stripping column, introducing a dry gas into the said stripping column and stripping the solvent therewith, removing vapors of solvent and water from the top of the column, removing residue consisting of substantially dry solvent from the bottom of the column, and combining the so obtained dry solvent with the solvent first obtained by distillation without steam.

2,104,402
STEAMING AND DRYING MACHINE
August Riedel, Philadelphia, Pa.
Application November 2, 1934, Serial No. 752,225
2 Claims. (Cl. 38—63)



2. In a steaming and drying machine, a fixed drum, means for conducting a heating fluid to the drum, a roller mounted to rotate about the drum and provided with axial openings to accommodate the fluid conduit, said openings being larger than the conduit to accommodate yielding movement of the roller.

2,104,403
DOOR HANDLE ASSEMBLY
John H. Recthal, Detroit, Mich.
Application August 2, 1934, Serial No. 738,321
8 Claims. (Cl. 292—357)



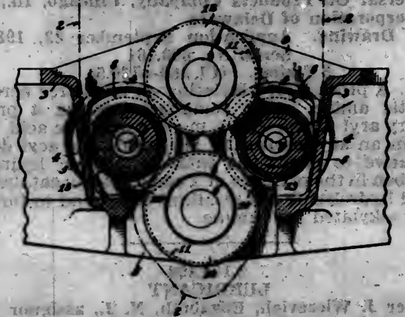
3. In a door handle, an escutcheon comprising an elliptical escutcheon support adapted to be secured to a door by screws, and an elliptical escutcheon cap covering said inner escutcheon member and concealing the heads of the securing screws and resiliently engaging said support to hold the parts in assembled relation, the cap being adapted to be deformed out of engagement with said support by pressing on opposite points of the periphery thereof.

2,104,404
CAR TRUCK
James A. Shafer, East Cleveland, Ohio, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a corporation of Ohio
Application November 6, 1934, Serial No. 751,677
17 Claims. (Cl. 105—197)



3. In a car truck, a side frame having a bolster receiving window and a shelf therebelow, spring means on said side frame below said shelf, a bolster having an end portion extending through said window and provided with means projecting through said shelf for engagement with said spring means, said bolster having a leaf spring seat outwardly of said side frame and being so constructed and arranged as to enable either leaf or coil spring means to be interposed between said shelf and said bolster end portion for supporting the bolster.

2,104,405
CAR TRUCK
James A. Shafer, East Cleveland, Ohio, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a corporation of Ohio
Application May 10, 1935, Serial No. 20,711
14 Claims. (Cl. 105—197)



1. In apparatus of the class described, the combination of a side frame having openings therein, depending bolster dowels integral with the bolster projecting into said openings and replaceable means for compensating for wear between said dowels and said side frame, said means comprising removable members interspersed between said dowels and the walls of the openings in said side frame inward of said dowels.

2,104,406
APPARATUS FOR CASTING
Charles E. Sorensen, Detroit, and Russell H. McCarroll, Dearborn, Mich., assignors to Ford Motor Company, Dearborn, Mich., a corporation of Delaware
Application September 7, 1935, Serial No. 39,534
2 Claims. (Cl. 22—209)



1. In combination, an electric furnace, a closed type holding furnace of substantially twice the capacity of said electric furnace, a ladle, a plurality of molds, means for mixing successive batches from said electric furnace in said holding furnace, means associated with said holding furnace for adding heat to said metal to maintain same at a uniform temperature substantially above its melting temperature, a trough extending between said holding furnace and said ladle, a fixed metering jet disposed between said holding furnace and said trough whereby metal is continuously drawn from said holding furnace and deposited in said ladle, said metering jet being of such size that a quantity of metal equivalent to one of said batches will be deposited in said ladle in the time taken to heat and pour said batch, means for conveying molds continuously past said ladle, means for reciprocating said ladle in a path parallel to the path of said molds and at a similar speed whereby each of the molds will remain fixed relative to said ladle during one stroke

of its reciprocating movement, and means for pouring metal from said ladle into the adjacent mold during said fixed portion of each stroke.

2,104,407
MANUFACTURE OF ARYL AMINES
Charles L. Thomas, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application September 23, 1933, Serial No. 690,761
5 Claims. (Cl. 260—130.5)

1. A process for alkylating an alkyl-free aromatic amine, which comprises treating a primary aryl amine with a mono-carboxylic acid to form an acyl derivative, subjecting the acyl derivative to treatment with an olefinic hydrocarbon in the presence of a condensation catalyst, and hydrolyzing the resultant compound to form the alkylated aryl amine.

2,104,408
LUBRICANT
Peter J. Wiezevich, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application September 20, 1933, Serial No. 690,234
1 Claim. (Cl. 87—9)

A lubricant comprising a major proportion of a mineral lubricating oil, dibutyl phthalate and a polyvinyl acetate.

2,104,409
LUBRICANT
Peter J. Wiezevich, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application October 3, 1933, Serial No. 692,034
1 Claim. (Cl. 87—9)

A lubricant comprising a mineral oil and 0.2 to 10% of alkylated polychlorprene.

2,104,410
PRODUCTION OF HOT MIX COLD LAID BITUMINOUS PAVEMENTS
Charles M. Baskin, Toronto, Ontario, Canada, assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application August 30, 1934, Serial No. 742,147
3 Claims. (Cl. 106—31)

1. A method of producing a paving mixture which comprises heating a wet mineral aggregate of 150° F., mixing the heated aggregate with a low viscosity priming oil and powdered hard asphalt, and heating the mixture by contacting with a flame while mixing to partially amalgamate and to raise the softening point of the bituminous portion of the mixture to at least 50° F.

2,104,411
METHOD OF PRODUCING A HOT MIX, COLD LAID PAVING MIXTURE
Charles M. Baskin, Toronto, Ontario, Canada, assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application August 30, 1934, Serial No. 742,148
2 Claims. (Cl. 106—31)

1. A method of producing a paving mixture containing as a binder an asphaltic material having a softening point of 170° to 200° F. and adapted to be laid and compacted while cool by application of pressure, which comprises heating a mineral aggregate to a temperature of 150° to 350° F. and mixing therewith a preheated soft bitumen ranging in consistency from 300 seconds viscosity furol at 122° F. to 70° F. softening point and a powdered asphalt.

2,104,412
ALKYL PHENOLS
Hyym E. Buc, Roselle, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application December 29, 1931, Serial No. 583,704
7 Claims. (Cl. 260—154)

1. Alkylated hydroxy derivatives of aromatic hydrocarbons containing in the alkyl group a carbon atom attached to the aromatic nucleus and to not less than two other carbon atoms selected from the group consisting of secondary alkyl derivatives of phenols and substituted phenols, and tertiary alkyl derivatives of substituted phenols, and having the following formula:

$$R\diagdown \atop R'\diagup C(C_6H_{4-a})(OH)_a\text{-}R'''$$
$$R''$$

having not less than 5 nor more than 8 carbon atoms in the

$$\diagdown C \diagup$$

alkyl radical, and having valuable therapeutic properties as antiseptics and germicides; R and R' representing alkyl radicals, R'' representing a member of the group consisting of an alkyl radical and a hydrogen atom, R''' representing a member of the group consisting of an alkyl radical containing not more than four carbon atoms and one of the hydrogen atoms normally attached to the aromatic nucleus.

3. Secondary alkyl phenols having the following formula:

$$R\diagdown \atop R'\diagup CH(C_6H_4)(OH)$$

having 6 carbon atoms in the alkyl radicals, and having valuable therapeutic properties as an antiseptic and germicide; R and R' representing alkyl radicals.

4. Secondary amyl phenols, having the following formula:

$$C_5H_{11}(C_6H_4)OH$$

being colorless liquids boiling at 238 to 244° C., having a refractive index N_D=1.5140 at 26.2° C., and being a valuable therapeutic agent as an antiseptic and germicide.

5. Secondary hexyl phenols having the following formula:

$$C_6H_{13}(C_6H_4)OH$$

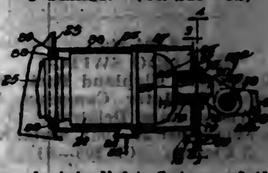
being colorless liquids boiling at 250 to 260° C., having a refractive index N_D=1.5189 at 24.5° C., and being a valuable therapeutic agent as an antiseptic and germicide.

2,104,413
CLOSURE FOR CONTAINERS
Brent F. Cahoon, Kew Gardens, N. Y., assignor to Captive Closures, Inc., New York, N. Y., a corporation of Delaware
Application March 5, 1934, Serial No. 714,069
9 Claims. (Cl. 215—43)

3. In combination with a container having a neck, a locking ring below the mouth of said neck, a cup-shaped cap telescoping said neck and having an axial movement thereon, said cap having a centrally located discharge port, said neck having an integral and apertured end wall, a plug-like valve element rising from and integral with said end wall for closing said port in one position of the cap, a permanent attachment on said container neck comprising a portion secured to said locking ring and a downwardly and outwardly extending locking flange, and an upwardly facing stop shoulder on the interior of said cap and located below said flange for engaging the rim of the latter upon a given upward movement of the cap to limit such movement, said flange being flexible inwardly upon the application of pressure from above, thereby to permit the cap to be initially assembled on the container neck.



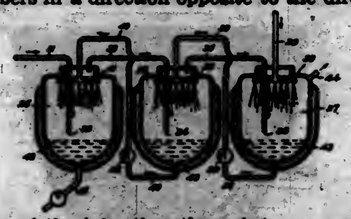
2,104,414
ELECTRIC LIGHT FIXTURE
William P. Crockett and William P. Crockett, Jr., Chicago, Ill., assignors to Hesge, Inc., Chicago, Ill., a corporation of Illinois
Application July 20, 1934, Serial No. 737,500
3 Claims. (Cl. 240—52)



1. In an electric light fixture of the portable type, a holder, a light socket in said holder, said light socket being provided with a pull chain cup, said holder being adapted to receive one end of a light cord, a holder carrier, a cap removably secured to said holder, said holder having a bayonet slot, and also a slot for said pull chain cup, said cap having a stud or punching, said stud or punching being adapted to enter said bayonet slot and operate in a contra-clockwise direction to lock said cap and said holder, said cap also being provided with an integral square boss, said boss having an aperture for the reception of the light cord, a thimble, said thimble being movable in a clockwise direction, a washer, said cord passing through said thimble, washer and boss into said socket, said holder carrier being cut away to enable said carrier to contact with two side walls of said square boss whereby said holder is held in position in said carrier.

2,104,415
PROCESS FOR THE PRESERVATION OF FRUIT JUICES
Austin Morris Davies, Jamaica, N. Y.
Application December 31, 1934, Serial No. 759,895
2 Claims. (Cl. 99—155)

1. A process of treating fresh fruit juice to pasteurize the same and remove the free oxygen therefrom, consisting in passing the juice to be treated successively through a series of chambers of progressively increasing temperatures, passing an inert gas successively through the juice in said chambers in a direction opposite to the direction of flow of the juice therethrough to remove from the juice the free oxygen content, to pasteurize the juice and to effect the recovery and the return of the vapors taken up by the gas.



2,104,416
COLLAPSIBLE SUPPORT FOR CURTAINS
Robert R. De Mont, Cleveland, Ohio
Application April 29, 1935, Serial No. 18,622
4 Claims. (Cl. 135—7.1)

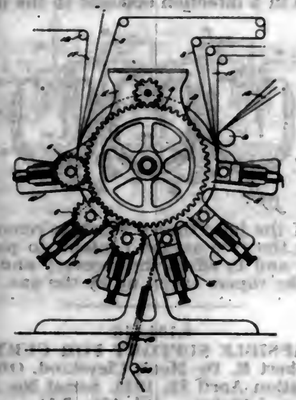


1. A curtain support comprising a plurality of collapsible uprights, said uprights being of duplicate construction independently separate from each other and each comprising telescoping sections, and a collapsible, sectional transverse top bar for suspension of the curtain, the top bar comprising duplicate end sections and duplicate, curved middle sections, means depending from said end sections for supporting engagement within the upper end of the uprights, and means for detachably and adjustably connecting said end and middle sections together.

2,104,417
TEXTILE PRINTING MACHINE
James J. Delphi, Cranston, and Harry Hintse, West Warwick, R. I.
Application October 9, 1933, Serial No. 692,808
Renewed November 7, 1936
6 Claims. (Cl. 101—178)

1. In a textile printing machine for simultaneously printing two separate webs of fabric, an impression cylinder, a plurality of plate cylinders spaced circumferentially about the impression cylinder and in frictional contact therewith, said plate cylinders comprising two sets of cylinders, means for causing the cylinders of each set to rotate in synchronism, the cylinders of one set being driven by their frictional engagement with the impression cylinder, means for directing two superimposed webs to be printed between the impression cylinder and said set of frictionally driven plate cylinders, whereby one of the webs is printed, means for guiding the printed web away from the impression cylinder while the unprinted web is directed between the impression

cylinder and the second set of plate cylinders, means for driving said second set of plate cylinders in synchronism with each other, said impres-



sion cylinder being driven by its frictional engagement with said second set of plate cylinders, and means for guiding said second web away from the impression cylinder.

2,104,418

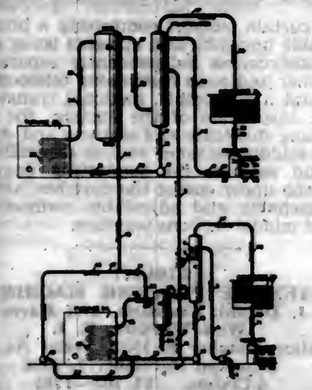
TREATMENT OF HYDROCARBON OILS

Gustav Egloff, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application February 11, 1931, Serial No. 514,919

Renewed May 15, 1935

4 Claims. (Cl. 196—49)



4. A conversion process which comprises heating hydrocarbon oil to cracking temperature under pressure in a heating coil, separating the heated products into vapors and unvaporized oil in a separating zone maintained under pressure, discharging a portion of said unvaporized oil directly from the separating zone into a low pressure flash still, passing another portion of said unvaporized oil from the separating zone through a second heating coil and thence into the low pressure flash still, fractionating the first-named vapors and the vapors from the flash still, passing resultant reflux condensate through the second heating coil together with said other portion of the unvaporized oil, and finally condensing the fractionated vapors.

2,104,419

VALVE SEAT STRUCTURE

Charles F. Frye, Chicago, Ill.

Application October 29, 1934, Serial No. 750,538

1 Claim. (Cl. 251—167)



The combination of a valve seat comprising an annular body having an exteriorly threaded portion; a reduced portion at the upper end of said threaded portion; a conical portion above said reduced portion, said conical portion having its larger diameter uppermost, said conical portion extending out to a diameter greater than the maximum diameter of said threads; and an abutment shoulder above said conical portion presenting a surface substantially normal to the axis of said body; with a valve seat support having female threads receiving the male threads on said body, and a flat annular upper surface receiving said shoulder in abutting relation to limit the inward movement of said seat; said support having an annular metal portion adjacent the meeting of said flat annular upper surface and said female screw threads, said annular portion being in an upset condition by reason of displacement by said conical body portion and in direct contact therewith, whereby a complete seal is formed between said conical body portion and said upset annular support portion independently of said threads.

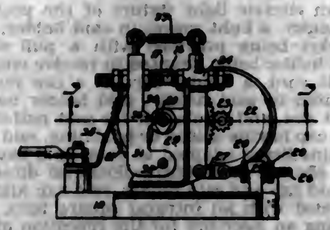
2,104,420

ELECTRIC SWITCH

Fredrick J. Grover, Highland Park, Mich., assignor to Ford Motor Company, Dearborn, Mich., a corporation of Delaware

Application September 20, 1931, Serial No. 566,070

5 Claims. (Cl. 200—91)



1. An interrupter adapted to intermittently break an alternating electrical circuit through a welding transformer comprising, a frame, a cam rotatably mounted in said frame, said cam being mechanically rotated by a synchronous motor and said motor being electrically driven by the current source which energizes said welding transformer, a bracket pivotally mounted upon said frame in position to rotate around the axis of said cam, contact points completing said electric circuit and supported upon said bracket in position to be separated upon rotation of said cam relative to said bracket to thereby break said circuit, and a relatively stationary adjusting device adapted to oscillate said bracket and contact points around said cam whereby the opening of said contact points may be adjusted to occur at zero voltage of the supply current cycle.

2,104,421

PRODUCTION OF AMINES OF HIGH MOLECULAR WEIGHT

Adolf Grün, Basel, Switzerland, assignor, by mesne assignments, to Ruhrchemie-Gesellschaft m. b. H., Chemnitz, Germany, a corporation of Germany

No Drawing. Application March 16, 1935, Serial No. 11,973. In Germany March 17, 1934

8 Claims. (Cl. 260—127)

1. The process of producing amines of high molecular weight which comprises decomposing by the use of heat in the presence of an inert diluent non-volatile at the temperatures employed a substituted α-amino fatty acid containing an acyl radical of more than 8 carbon atoms substantially only into a substituted α-amino alkyl compound in which the alkyl radical contains one less carbon atom than the acyl radical, and into carbon dioxide.

7. The process of producing amines of high molecular weight comprising heating a diethyl alpha-amino fatty acid in which the acyl radical contains more than 8 carbon atoms in the presence of paraffin oil to a temperature at which carbon dioxide is given off.

2,104,422

PLATE GLASS TRANSFER AND TURN-OVER APPARATUS

Herman S. Heichert, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, a corporation of Pennsylvania

Application November 22, 1935, Serial No. 51,121

3 Claims. (Cl. 214—1)



1. In glass sheet turnover and transfer apparatus for a grinding and polishing system comprising a pair of parallel work tracks carrying cars on which the glass sheets are ground and polished, a pair of roller runways lying above the work tracks in parallel therewith, overhead vacuum lifting means for transferring the sheets between the tables of each line and the roller runway lying thereabove, a turnover and transfer frame having its axis of rotation intermediate the runways in parallel with the center lines thereof and at approximately the level of the runways and comprising a series of parallel arms spaced to interfit between the rolls of the runways and adapted to pick up a glass sheet from one runway, swing it through an angle of 180 degrees and deposit it upside down on the rolls of the other runway, and means for driving the rolls of the runways so that the rolls of one runway carry the glass sheets toward the turnover and transfer frame and the rolls of the other runway carry the sheets away from such frame.

2,104,423

CATAMENIAL SACK

James L. Hughes, Oklahoma City, Okla.

Application March 21, 1935, Serial No. 12,150

5 Claims. (Cl. 128—290)

1. In an article of the class described, the combination with a catamenial sack or outer container, of a removable absorbent filler for said sack, including: an almost completely moisture-proof inner container adapted to fit within the outer container contiguous with the walls there-



of, an upwardly and outwardly projecting flange integral with the inner container and adapted to lie over the orificial rim of the outer container, and an absorbent mass substantially filling the inner container.

2,104,424

MANUFACTURE OF AROMATIC DERIVATIVES

Vladimir Ipatieff and Aristid V. Grosse, Chicago, Ill., assignors to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

No Drawing. Application March 7, 1935, Serial No. 2,230

5 Claims. (Cl. 260—168)

1. A process which comprises reacting a naphthene hydrocarbon with an aromatic hydrocarbon capable of being alkylated in the presence of aluminum chloride and hydrogen chloride and in the substantial absence of added olefins to form a hydrocarbon derivative of the aromatic.

2,104,425

TELEPHONE BOOTH

Frank A. Kuntz, Woodhaven, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application August 16, 1934, Serial No. 740,038

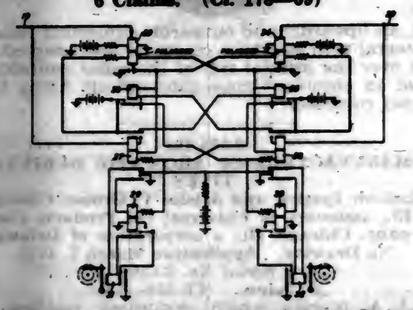
3 Claims. (Cl. 20—3.5)



1. A telephone booth having a rear wall, side walls, a ceiling for holding the walls in angular relation to each other at their upper ends, a base for holding the walls in angular relation to each other at their lower ends, a front wall having a door opening, a door made of two folding sections for the opening, normally folding inwardly of the booth, means for controlling the folding movement of said door comprising an inverted U-shaped guide member secured to the under side

of the ceiling, a slider element normally engaging said guiding member, a plunger on the top of which said slider element is pivoted, a bracket for said plunger carried by the inner face of the free door section, and a handle accessible from the exterior of said free door section, said handle operatively engaging said plunger for disengaging said slider from said guiding member at any point therealong for folding said free door section outwardly of the booth.

2,104,426
IMPULSE REPEATER
Fullerton S. Kinkead, Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 16, 1935, Serial No. 45,170
6 Claims. (Cl. 178—69)



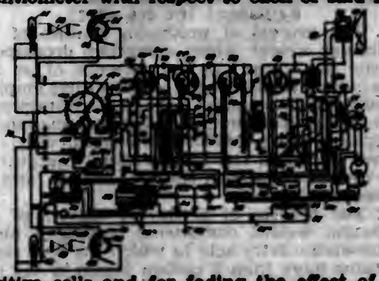
4. An impulse repeater comprising a first circuit, a second circuit, relays for repeating impulses from either of said circuits to the other of said circuits, additional relay equipment for counting and recording only the number of momentary circuit disturbances arising in one of said circuits during the transmission of signals to that circuit from the other of said circuits, and circuit means including said additional relay equipment for preventing said means from counting and recording long signal impulses as momentary circuit disturbances.

2,104,427
METHOD OF PRETREATING IRON SURFACES
Alexander Kreidl, Vienna, Austria
No Drawing. Application December 7, 1933, Serial No. 701,341. In Austria December 7, 1932
6 Claims. (Cl. 91—70)

1. Method of pre-treating iron, steel, cast-iron and the like, for enamelling purposes, which method comprises the steps of applying to the metal surface to be pretreated a combination of flux with iron sesquioxide, and a monoxide selected from the group consisting of iron monoxide, nickel monoxide and manganese monoxide, heating said surface in an atmosphere containing such an amount of oxygen that substantially no oxidation of the metal of the said surface proper to iron sesquioxide occurs and cooling the surface, whereby a rough coating is produced which adapts said metal surface for enamelling.

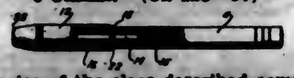
2,104,428
TALKING MOTION PICTURE APPARATUS
Alwyn D. Lassiter, Philadelphia, Pa., assignor, by mesne assignments, to Western Electric Company Incorporated, a corporation of New York
Application April 5, 1932, Serial No. 603,390
22 Claims. (Cl. 179—100.3)

1. Talking motion picture apparatus comprising an amplication system, a sound reproducer connected with said amplification system, a control tube connected with the input of said amplification system, a pair of light sensitive cells subjected to variations of light under control of independent film records, a potentiometer connected between the input circuit of said control tube and said light sensitive cells, and means for variably controlling the effective value of said potentiometer with respect to each of said light



sensitive cells and for fading the effect of the sound record to which one of said light sensitive cells is subjected in, while fading the sound record to which the other of said light sensitive cells is subjected out in said sound reproducer, and a source of rectified and filtered alternating current operatively connected to the aforesaid amplification system, the field of the sound reproducer, and the light sensitive cells.

2,104,429
MASSAGE DEVICE
Benjamin B. Lipman, Chicago, Ill.
Application December 4, 1936, Serial No. 114,104
6 Claims. (Cl. 128—57)



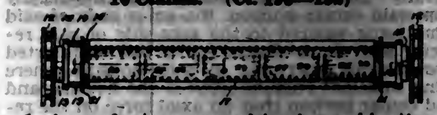
1. A device of the class described comprising a handle, a roller, a shaft secured in said handle and forming a bearing for said roller, said shaft being peripherally grooved adjacent the handle end of said roller and the material of said roller extending into said groove to prevent separation of said roller and handle while permitting free rotation of said roller.

2,104,430
GARAGE DOOR MOUNTING
Warren J. MacIlvey, Newark, N. J.
Application March 21, 1936, Serial No. 70,015
8 Claims. (Cl. 20—16)



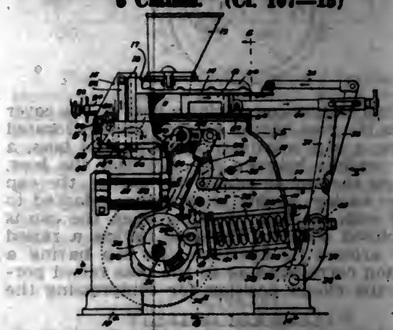
1. In combination with a door and jamb, an apron, hinge means for swingingly connecting said door to said jamb and for permitting vertical sliding movement of said door relative to said jamb, and means located at the inner bottom corner of the door for resting engagement upon said apron for supporting the bottom edge of said door clear of said apron.

2,104,431
PROOFER TRAY
Fred Marasso, Joliet, Ill., assignor to Union Machinery Company, Joliet, Ill., a corporation of Illinois
Application November 26, 1935, Serial No. 51,553
10 Claims. (Cl. 106—158)



1. A proofer tray, comprising in combination, a rotatively mounted plural pocket tray, a sleeve-like liner of greater length than its width, composed of textile fabric surrounding the tray, the circumference of the liner being of sufficient extent to permit it to lie on the bottom of the tray when in upright position, and means on the tray to prevent the liner from creeping beyond the ends thereof.

2,104,432
DOUGH DIVIDER
Fred Marasso, Joliet, Ill., assignor to Union Machinery Company, Joliet, Ill., a corporation of Illinois
Application November 4, 1936, Serial No. 109,102
6 Claims. (Cl. 107—15)



1. In a dough divider, the combination of a frame, a drive shaft journaled therein, a single eccentric having an eccentric block mounted on said drive shaft, and an eccentric strap, a dough charging chamber in said frame, a plurality of reciprocating elements co-operating with said dough charging chamber to measure lumps of dough, and operative connections between said eccentric strap and said reciprocating elements for converting the eccentric movement of the eccentric into the reciprocating movements of said reciprocating elements, one element of said connections being rigid with said strap and one element of said connections being swiveled thereto.

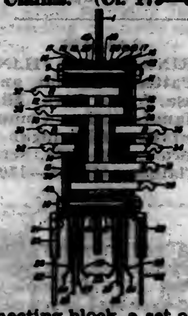
2,104,433
ACOUSTIC DEVICE
Robert N. Marshall, Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 25, 1934, Serial No. 722,269
9 Claims. (Cl. 179—115.5)

6. An acoustic device comprising a casing open at each end, a diaphragm in said casing and closing one open end, a partition closing the other end of said casing and having a [illegible] sound wave passing aperture therein, low frequency enhancing means supported on said partition in alignment with the aperture therein, and a cover member forming a chamber with said partition, said cover member containing an aperture con-



necting the chamber with the air outside the casing.

2,104,434
CONNECTING BLOCK AND JACK ASSEMBLY
Charles G. McCormick, Queens Village, N. Y., and Paul W. Sheatsley, Mountain Lakes, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 22, 1936, Serial No. 75,724
7 Claims. (Cl. 179—96)



1. In a connecting block, a set of superimposed terminal strips, each strip terminating at one end in a jack spring, insulating members interposed between adjacent strips, and a soldering lug extending at right angles from each strip, said strips and insulating members being slotted whereby the lugs of said strips extend through said block to the outer faces of said terminal set.

2,104,435
MACHINE TOOL SPINDLE
Alfred J. Neel, Stratford, Conn., assignor to The Bodine Corporation, Bridgeport, Conn., a corporation of Connecticut
Application December 14, 1935, Serial No. 54,422
7 Claims. (Cl. 10—129)



1. A tool unit comprising a housing; a quill rotatable therein; a spindle within the quill;

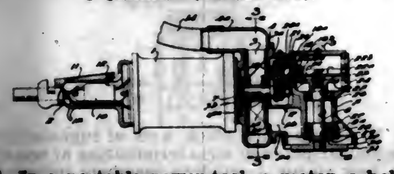
antifriction journalling means for the unit wholly located between the upper and lower limits of the housing; the quill at its upper portion extending above the top of the housing, and the spindle at its upper end extending above the top of the quill; a sleeve carrying at its lower end a spur pinion, said upper portion of the quill being extended into the lower end of the sleeve; a driver head for the spindle sleeving the same and secured thereto and located in the sleeve above the quill, the sleeve being longitudinally slotted opposite the driver head and the latter having a lug extended into said slot; and a superstructure for the sleeve including a shell wholly above the housing and hence wholly above said journalling means, said shell detachably secured to the sleeve, a compression spring in the shell sleeving the spindle and bearing down at its lower end on the top of the driver head, and a tension adjuster in threaded engagement with the upper part of the shell and sleeving the spindle and engaging the upper end of the spring.

2,104,436

PORTABLE GRINDING OR FILING MACHINE

Herbert John Pattison, Detroit, and William K. Barton, Grosse Pointe Park, Mich., assignors to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan

Application February 10, 1936, Serial No. 63,046
3 Claims. (Cl. 51—170)



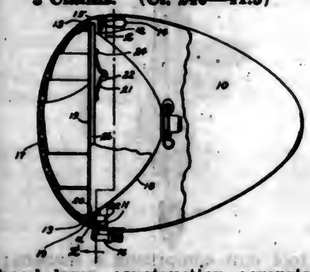
1. In a portable power tool, a motor, a helical pinion on the motor shaft, an intermediate shaft, a helical gear on the intermediate shaft meshing with the helical pinion, a bevel pinion on the intermediate shaft, a tool driving shaft, and a bevel gear on the tool driving shaft meshing with the bevel pinion, the direction of rotation of the motor and the angle of the helical gears being arranged so that the end thrust of the helical pinion on the helical gear is greater than the thrust of the bevel pinion on the bevel gear and tends to hold said bevel pinion in engagement with said bevel gear.

2,104,437

HEADLAMP CONSTRUCTION

William H. Peters, Flat Rock, Mich., assignor to Ford Motor Company, Dearborn, Mich., a corporation of Delaware

Application January 18, 1936, Serial No. 59,715
3 Claims. (Cl. 240—41.5)



2. A head lamp construction comprising, an open-ended housing, a reflector and lamp bulb assembly disposed in said housing, a lens secured over said reflector, and a plurality of flat spring clips disposed around the periphery of said reflector, each of which is formed with a U-shaped center portion and with resilient arms formed integrally therewith extending circumferentially from said center portion, the outer ends of said arms being secured to the rear side of said reflector with the U-shaped center portion inserted into suitable apertures in said housing, there being sufficient friction between the housing and said center portion that an axial force on the reflector caused by the removal of the lamp bulb therefrom will not draw said reflector from the housing, and said circumferentially extending arms resiliently urging said reflector against the lens when the lamp is in its assembled condition.

2,104,438

CAN CLOSURE

Sanford E. Richeson, New York, N. Y.

Application October 6, 1936, Serial No. 104,191
9 Claims. (Cl. 221—19)



1. A can closure comprising a boss on the cover of a can, the boss having an eccentrically located aperture, a cap rotatively fitted on the boss, a sealing washer between the cap and the boss, means on the cap to retain the washer, the cap and the washer having an aperture adapted to register with the boss aperture when the cap is in its closed position, the boss having a raised portion around its aperture, the cap having a depression corresponding to the boss raised portion in the closed position for compressing the washer.

2,104,439

COMBINATION POCKET KIT

Morris Schein, Brooklyn, N. Y.

Application July 22, 1936, Serial No. 91,852
2 Claims. (Cl. 150—34)



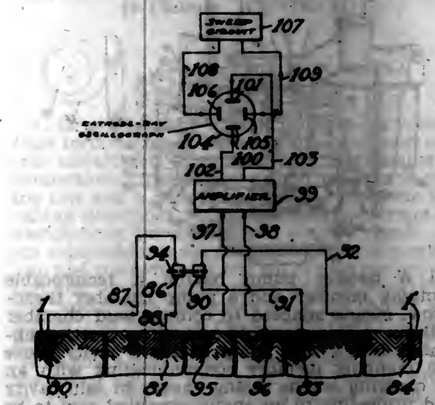
1. A combination pocket kit comprising several superimposed strips of material bent at a transverse line forming several layers, lines of stitches securing the edges of said layers together forming pockets, and auxiliary strips of material secured on one of the walls of one of said pockets forming additional pockets, said auxiliary strips of material being removably secured within said pocket, with hook fasteners along the sides thereof.

2,104,440

METHOD OF GEOPHYSICAL PROSPECTING BY THE COMPARISON OF STEADY STATE POTENTIALS

Louis Statham and Ludwig W. Blau, Houston, Tex., assignors to Standard Oil Development Company, a corporation of Delaware

Application June 6, 1936, Serial No. 83,902
5 Claims. (Cl. 175—182)



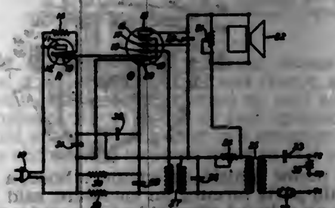
1. The method of determining variations in electrical properties of the earth, which comprises passing an alternating current through two or more sets of primary electrodes in the ground whereby an electromotive force is caused to exist between two secondary electrodes in the ground, and comparing the various phase relations which exist between the current in each set of primary electrodes and its induced electromotive force at the secondary electrodes.

2,104,441

TESTING APPARATUS

Frederick Franklyn Stratford, Glen Ridge, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application August 18, 1936, Serial No. 96,755
11 Claims. (Cl. 175—183)



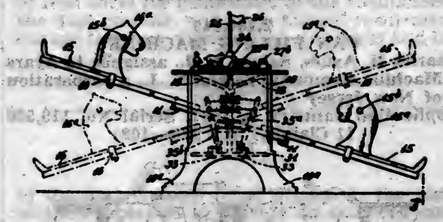
1. A test set comprising a vacuum tube oscillator, means for coupling a circuit to be tested to the output circuit of said oscillator, means for adjusting the loss in said output circuit to prevent oscillations when the impedance of said coupled circuit exceeds a predetermined amount, and a loud-speaker connected in the output circuit of the oscillator for response to oscillations when the impedance of said coupled circuit is less than said predetermined amount.

2,104,442

TWIN ROCKER AND ROTATING TOY DEVICE

Alexander Szabo, Linden, N. J.

Application July 23, 1937, Serial No. 155,196
6 Claims. (Cl. 272—54)



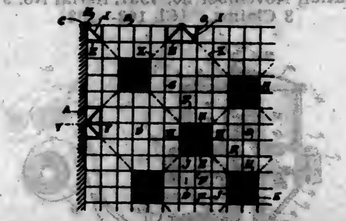
1. A twin rocker and rotary toy device comprising a body for supporting a see-saw board, a see-saw board pivotally mounted on said body, blocks adjustably mounted on said body longitudinally of said board, arms pivotally mounted on said blocks and extending upwards and formed with slots extending longitudinally thereof, pins mounted on said see-saw board and engaging said slots to swing said arms as the said board is rocked, a rotary device mounted on said body and having a drive shaft, drums rotative on said shaft, and ratchets associated with said drums and shaft for driving said shaft in one direction as said drums swing.

2,104,443

FLOOR, ROOF AND LIKE STRUCTURE

Stephan Szagó, Berlin-Johannistal, Germany

Application June 17, 1935, Serial No. 27,044
In Germany February 25, 1935
9 Claims. (Cl. 72—15)



1. A floor or like structure comprising two sets of intersecting beams forming a visible structural grid, main columns for said grid beams arranged at the crossing points of lines which are diagonal to the beams and form between them substantially rectangular bays each embracing a network of beam portions of different lengths, and supporting members extending from each main column towards the beam portions which immediately surround it.

2,104,444

METHOD OF PRODUCING LEAD ALLOYS

Frederic W. Willard, Summit, N. J., assignor to Nassau Smelting and Refining Company, New York, N. Y., a corporation of New York

No Drawing. Application December 12, 1934, Serial No. 757,123
9 Claims. (Cl. 75—135)

9. A method of preparing an uncontaminated copper lead alloy comprising subjecting a molten bath of lead to the action of a copper compound of an organic acid under such condition to effect dispersion of the copper throughout said

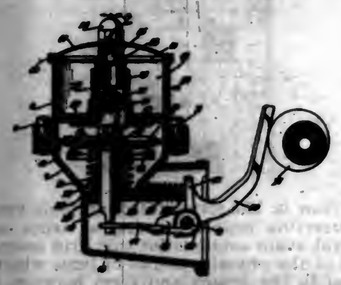
lead without the formation of an oxide of copper and to form an uncontaminated lead copper alloy which is substantially free of any metallic compound of an organic acid.

2,104,445
CAN FILLING MACHINE
Charles H. Ayars, Salem, N. J., assignor to Ayars Machine Company, Salem, N. J., a corporation of New Jersey
Application January 8, 1937, Serial No. 119,550
11 Claims. (Cl. 226—102)



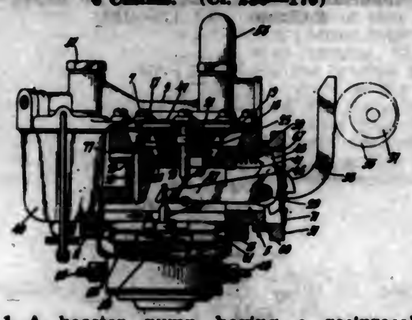
1. In a can filling machine having a hopper, measuring cups adapted to pass under said hopper to receive a charge of material therefrom, a non-rotatable base plate forming the bottoms of said cups and having a discharge opening for discharging the contents of said cups, and a depressed channel in said base plate merging into said discharge opening to permit the contents of said cups to settle therein prior to discharge through said opening.

2,104,446
FUEL PUMP
Abraham M. Rabitch and Gordon W. Harry, Flint, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application November 30, 1931, Serial No. 577,922
3 Claims. (Cl. 103—150)



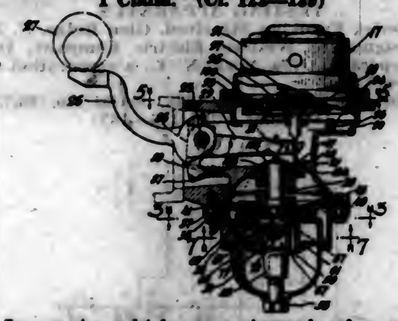
1. In a fuel pump, a pump body, a cover, a diaphragm therebetween, said cover having a partition forming, together with the diaphragm, a pump chamber, means in said pump body and operatively connected with the diaphragm to move the same and thereby operate the pump, said cover having a fuel-receiving chamber, a filter screen dividing said fuel-receiving chamber into first and second parts, said cover having a first valve affording a yielding inlet for the flow of fuel from the second chamber to the pump chamber and said cover having a second valve affording a yielding outlet from the pump chamber, said inlet valve comprising a movable valve disc, a plug extending axially into said cover and secured thereto and having at its end a seat for said valve disc, a closure for said fuel-receiving chamber, fastening means engaging said closure and adjustable on said plug to maintain said closure in position.

2,104,447
VACUUM PUMP
Abraham M. Rabitch and Gordon W. Harry, Flint, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application September 11, 1935, Serial No. 40,625
6 Claims. (Cl. 230—176)



1. A booster pump having a reciprocable pumping member and a pump chamber therebelow, means adapted to connect said chamber with an engine manifold and with a suction-operated device, said pump having a cavity above the pumping member communicating with an oil carrying engine casing, means in said cavity and projecting to an engine-operated cam to be rotated thereby and operably connected to said reciprocable pumping member, conduit means connecting said cavity to the atmosphere, and means to seal the cavity from the engine casing.

2,104,448
FUEL PUMP
Abraham M. Rabitch and Gordon W. Harry, Flint, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application April 24, 1936, Serial No. 76,110
1 Claim. (Cl. 123—139)



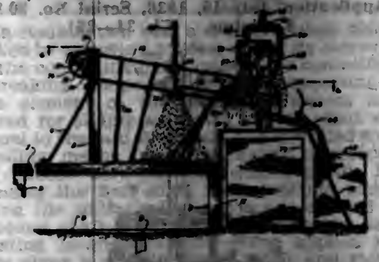
In a motor vehicle, an engine, a hood, a splash pan, said parts forming an enclosure, said engine having an exhaust manifold within said enclosure whereby the temperature within the enclosure is higher than the outside air, a pump to supply said engine with fuel, said pump extending through said splash pan and having its upper part within said enclosure, means driven by the engine and located in said upper part to operate said pump, said pump having a fuel chamber in its lower part and positioned below said splash pan whereby the fuel may not be subject to the heat within said enclosure but may be cooled by the flow of air beneath said pan.

2,104,449
TELEPHONE SYSTEM
Langford J. Bourne, Hammond Beach, Frederick R. Lamberty, Riverdale, N. Y., and Ray L. Stehely, deceased, late of Floral Park, N. Y., by Grace MacDonald Stehely, executrix, Floral Park, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 15, 1936, Serial No. 95,530
19 Claims. (Cl. 179—18)



1. In a telephone system, a cross-bar switch, lines terminating in said switch, a common control circuit for controlling the establishing of connections through the switch between a calling line and a called line, means responsive to a calling subscriber removing his receiver from the switch-hook for seizing said control circuit and for establishing a connection between the calling line and the switch by the aid of said control circuit and for thereafter releasing said control circuit, and means responsive when the calling subscriber has dialed a called subscriber's number for again seizing said control circuit and for establishing a connection between the switch and the called line by the aid of said control circuit to connect the calling line with the called line and for thereafter releasing said control circuit.

2,104,450
CASING CONVEYER
Melvin M. Campbell, South St. Joseph, Mo., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application November 30, 1934, Serial No. 755,437
14 Claims. (Cl. 17—42)



1. A casing treating machine comprising a frame, a pulley mounted on said frame, a standard, squeezing rollers mounted on said standard, a peripheral recess in one of said squeezing rollers, and an endless conveyer belt mounted on said pulley and on said recessed roller in said recess.

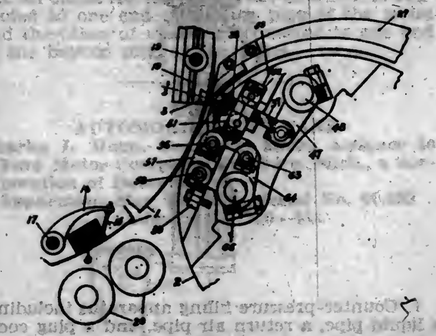
2,104,451
JUNCTION ADAPTER
Alfred Corbett, Irwin, Pa., assignor to National Electric Products Corporation, a corporation of Delaware
Application July 1, 1936, Serial No. 88,488
4 Claims. (Cl. 247—28)

1. The combination of a multiple outlet duct comprising a housing containing longitudinally extended electrical conductors and mounting and longitudinally spaced socket elements therefor and which housing is formed primarily as an elongate metallic channel having a base and side walls formed in one piece and a removable cover element therefor with a junction adapter formed as a metallic channel having a base provided with means for the through-passage and engagement of feed wires for connection to the conductors in the duct housing, and walls formed resiliently to engage the duct channel; the side walls and base



of the duct channel being deleted in the region of the connection to provide an extended opening giving access to the interior of the channel between socket elements and providing clearance for manipulation of the feed wires in making electrical connection, and the base and walls of the adapter being formed in assembly to enclose the deleted regions of the channel.

2,104,452
SHEET CUTTING, STITCHING, AND FOLDING MECHANISM
Curtis S. Crafts, Oak Park, Ill., assignor to The Goss Printing Press Company, Chicago, Ill., a corporation of Illinois
Application January 6, 1936, Serial No. 57,682
25 Claims. (Cl. 1—7)

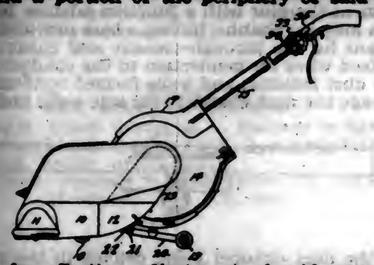


1. A rotary mechanism including in combination two cooperating rotary carriers, a stationary staple former adjacent one of said carriers, a stapling mechanism mounted on said carrier, said mechanism comprising a reciprocable staple forming and guiding plunger, a reciprocable staple driver, said plunger and driver being projectable beyond their carrier to cooperate with said former to form the staple, and means for retracting the driver during the driving of the staple.

2,104,453
VACUUM CLEANER
Dewey M. Dow, Toledo, Ohio, assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio, a corporation of Delaware
Application July 10, 1936, Serial No. 89,965
3 Claims. (Cl. 15—16)

1. In a vacuum cleaner, a body portion, a fan case rotatably attached thereto on a transverse horizontal axis, and disposed in a longitudinal vertical plane, a handle rigidly attached to the fan case, adjustable means supporting said body portion, and control means including a flexible

element extending through the handle and around a portion of the periphery of said fan case, for effecting adjustment of said supporting means.



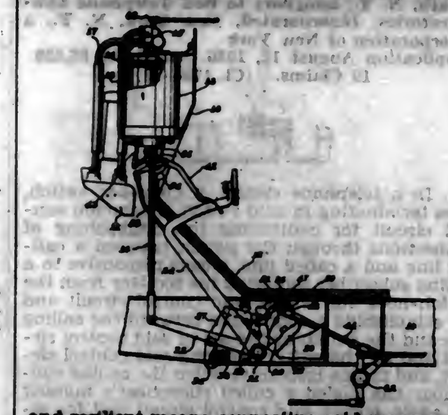
2,104,454
FILLING DEVICE
Hermann Flise, Worms-on-the-Rhine, Germany, assignor to Eisinger-Union-Werke A. G., Worms-on-the-Rhine, Germany, a German company
Application April 20, 1935, Serial No. 17,510
In Germany April 24, 1934
4 Claims. (Cl. 226—115)



1. Counter-pressure filling apparatus including a liquid pipe, a return air pipe, and a plug cock interposed in and controlling said pipes, said plug cock having within its plug a duct for establishing connection between the parts of said liquid pipe above and below the cock, a second duct for establishing connection between the parts of said return air pipe above and below the cock, and a third duct positioned to establish communication between the part of said return air pipe above the cock with the part of said liquid pipe below it at a time during the closing of the cock when the lower parts of said pipes are cut off from their upper parts and while a filled vessel is still in position.

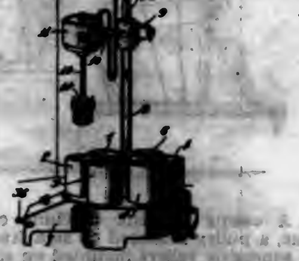
2,104,455
POWER OPERATED CLUTCH AND BRAKE MECHANISM
Henry Ford, Dearborn, Mich., assignor to Ford Motor Company, Dearborn, Mich., a corporation of Delaware
Application July 27, 1932, Serial No. 625,053
Renewed July 6, 1937
19 Claims. (Cl. 192—.01)

1. A servo-device adapted to operate the clutch of a vehicle comprising, a power actuated member, shiftable means for positively connecting the vehicle clutch with said power member whereby actuation of said member will disengage said clutch, said shiftable means being readily shifted to an inoperative position whereby actuation of said power member will not disengage said clutch,



and resilient means connecting said power member and clutch located so that actuation of said power member when said shiftable member is inoperative will energize said resilient means to thereby partially counteract the force required to manually disengage the vehicle clutch.

2,104,456
WATCH CLEANING MACHINE
Irving Friedman, Newark, N. J., assignor, by direct and mesne assignments, to Efco Manufacturing Company, Newark, N. J., a corporation of New Jersey
Application July 16, 1936, Serial No. 90,529
8 Claims. (Cl. 34—26)



3. In a watch cleaning machine, a base, a post extending up from said base, said post being of uniform, polygonal cross-section except at the upper portion thereof, said upper portion being of a smaller cross-section than the polygonal portion of the post, a collar provided with a polygonal aperture corresponding to the polygonal cross-section of the post slidably arranged on said post and being provided with a vertical shaft adapted to support a basket for watch parts to be cleaned, and a plurality of containers positioned on said base about the post and in alignment with the respective sides thereof, whereby the collar may be rotated on the upper portion of the post and by bringing the collar into engagement with the polygonal portion of the post the basket may be exactly aligned with any predetermined container on the base.

2,104,457
AUTOMOBILE BODY CONSTRUCTION
Joseph Galamb, Detroit, Mich., assignor to Ford Motor Company, Dearborn, Mich., a corporation of Delaware
Application April 20, 1937, Serial No. 138,744
11 Claims. (Cl. 180—82.5)



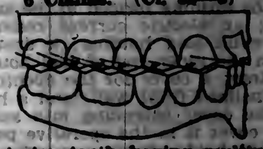
1. A device of the character described comprising, a vehicle dash, a horizontal shelf formed on the forward face of said dash, a vehicle battery supported on said shelf, detachable means coacting with said battery and vehicle dash which in its engaged position retains said battery upon said shelf, and locking means accessible only from the rear face of said dash for locking said detachable means in said engaged position.

2,104,458
ELECTRIC SWITCH
Hugo Goudet and Roger Sénéchaux, Paris, France, assignors to Compagnie Generale de Telegraphie sans Fil, a corporation of France
Application February 19, 1936, Serial No. 64,049
In France February 25, 1935
2 Claims. (Cl. 200—4)



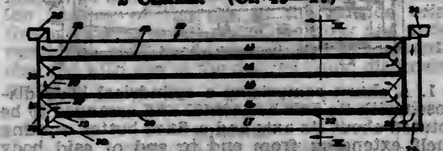
1. In combination with a contact system which is broken by removing at least one of its elements from the contacting plane, means for controlling the breaking comprising a shaft supporting a mobile element of the contacting system and mounted for sliding axially, a second shaft orthogonal to the said first shaft and provided with controlling means, coupling means comprising spiral pinions between both shafts, means for preventing the first shaft from rotating whilst allowing the sliding when a force is applied to the second shaft, means for removing the said preventing means when the force applied increases above a predetermined value, and yielding means opposed to the sliding in the sense determined by the said force.

2,104,459
ARTIFICIAL TEETH
Alfred Gyal, Zurich, Switzerland, assignor to The Dentists' Supply Company of New York, New York, N. Y., a corporation of New York
Application January 14, 1936, Serial No. 59,023
6 Claims. (Cl. 32—8)



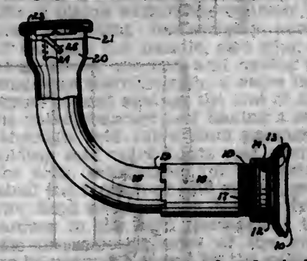
1. A posterior tooth having multiple protrusive facets and in which the protrusive posterior facet has greater angulation than the anterior protrusive facet, and in which the working and balancing facets have their angulations successfully lowered in the same direction.

2,104,460
GLASS DRAWING APPARATUS
Howard L. Halbach, Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania
Application February 13, 1937, Serial No. 125,689
2 Claims. (Cl. 49—17)



1. In combination in glass drawing apparatus, means for drawing a sheet of glass from a bath, and a cooler above the glass bath adjacent the line of draw of the sheet comprising a series of metal pipes of rectangular cross section one above the other and rigidly secured together along their lengths, communications between each adjacent pair of pipes at one end thereof so that a continuous back and forth passage through all the pipes is provided, and an inlet and an outlet for the cooler, one of which is connected to one end of the top pipe of the series and the other of which is connected to one end of the bottom pipe of the series.

2,104,461
AUTOMOBILE FUEL TANK
Charles L. Holm, Dearborn, Mich., assignor to Ford Motor Company, Dearborn, Mich., a corporation of Delaware
Application May 16, 1936, Serial No. 80,093
3 Claims. (Cl. 220—44)



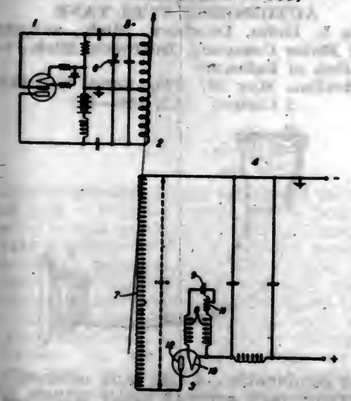
1. In combination, a fuel tank adapted to extend transversely across a motor vehicle, a filler neck extending horizontally from one end of said tank, the outer end of said filler neck being bent upwardly, a cap secured to the upper end of said filler neck, which cap forms an air-tight closure therefor, a vent tube extending through the wall of the upper portion of said filler neck, said vent tube having a portion thereof which extends diagonally downwardly in a plane transverse to the vehicle, a check valve ball disposed in the diagonal portion of the vent tube, and a check valve seat formed in said diagonal portion in position above said ball, the angle of said diagonal portion being such that said ball will be forced by the centrifugal force generated as the vehicle rounds a curve in one direction to coact with said seat, for the purpose described.

2,104,462
CHURN
Albert C. Hoegland, St. Paul, Minn., assignor to Crane Company of Minnesota, St. Paul, Minn., a corporation of Minnesota
Application April 16, 1936, Serial No. 74,703
7 Claims. (Cl. 31—33)



1. A churn comprising a cylindrical body disposed with its axis horizontal and arranged to be rotated about its axis and a fixed butter working shelf extending from end to end of said body along the inner periphery thereof, said shelf having its outer edge extending substantially parallel to the axis of said body and having an inner edge portion adapted to support a mass of butter in said body and sloping from one end of said body toward the other end, obliquely to the axis of said body.

2,104,463
SOURCE OF VARIABLE HIGH DIRECT POTENTIAL
John B. Johnson, Millburn, N. J., and Fred W. Kammerer, New York, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 6, 1936, Serial No. 89,662
6 Claims. (Cl. 175—363)



2. The method of generating a continuously variable direct potential which comprises the steps of generating a wave, varying the frequency thereof, converting said variation of frequency into a corresponding variation of potential by transmitting the wave through a circuit tuned to an intermediate frequency in the range of frequency variations, and rectifying said wave.

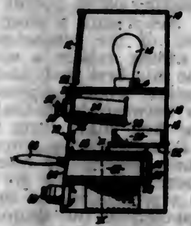
3. A source of high, direct potential comprising in combination, a wave source, a step-up transformer, a rectifier and a filter-like means for smoothing the resultant rectified wave, the voltage step-up as achieved by said transformer being predetermined by the desired ultimate direct potential in the output circuit of the filter means, and the reactive elements of said filter-like means having such electrical dimensions while preserving for said means its desired frequency-pass characteristic as to insure storage capacities so small that the resultant direct potential, however large, may not inflict bodily injury on an operator, any part of whose body is interposed in the circuit.

2,104,464
ROTARY MATCH LIGHTER
Harry George Klassen, Chicago, Ill.
Application September 11, 1933, Serial No. 688,974
10 Claims. (Cl. 206—29)



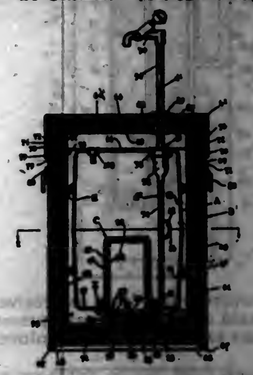
1. In a lighter of the type described: a support, a rotary match unit therein and a bar operating means arranged to operate in conjunction therewith; a match exposing opening in said support; inclined match separators in a side of said opening; a flap bearing means arranged to support said operating bar; inclined ratchets formed on said support to limit the movement of said rotor; said operating bar having inclined abrasive surfaces, a slide bearing means arranged to guide and limit the movement of said bar, said parts being so arranged that when said matches are positioned in the match exposing opening, said opening is simultaneously closed and when said match exposing opening is opened said positioned match is simultaneously ignited.

2,104,465
ELECTRIC COOKER
Elmer Lewis, Kansas City, Mo.
Application May 21, 1937, Serial No. 143,953
1 Claim. (Cl. 219—19)



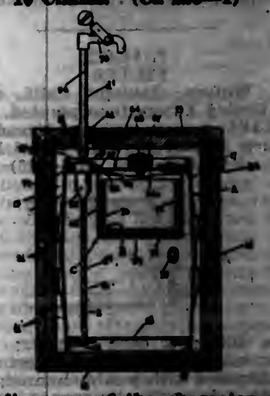
An electric cooker of the character described comprising a case having an inclined front wall provided with an opening; a vertical rear wall having an opening lower than the opening in the front wall; a housing supported within the case by the said front wall, extending toward and terminating a distance from the said rear wall; a drain tray normally positioned below the inner end of the housing and removable from the case through the opening formed in the said vertical rear wall; an electric current resistance wire wound around said housing; a drain element formed on the inner end of said housing above the said tray; a cover for the opening through the said inclined front wall; and a holder carried by the cover extending into said housing when the cover is in the operative position, the axis of said holder being perpendicular to the inclined plane of said front wall.

2,104,466
REFRIGERATING DISPENSER FOR BEVERAGES
George R. Marseil, St. Paul, Minn., assignor to Farwell Ozmun Kirk & Co., St. Paul, Minn., a corporation of Minnesota
Application August 24, 1933, Serial No. 686,544
20 Claims. (Cl. 62—91.5)



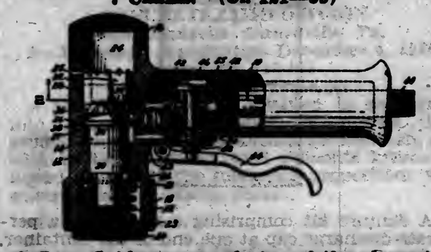
18. In a dispenser of the character described, a heat insulating case, a closed container for a liquid, said container being disposed on end within the case, said case providing an enclosed space about the sides and one of the ends of the container, a closed receptacle for solid carbon dioxide incorporated within the container in the structure of such end thereof, said receptacle being vented into the interior of the container for conducting thereinto a portion of the gas generated from the solid carbon dioxide in said receptacle, and also vented into said enclosed space at the aforesaid end of said container for conducting therefrom another portion of such gas, and a tapping conduit leading from the interior of the container through the wall structures of said container and case.

2,104,467
LIQUID REFRIGERATING DISPENSER
George R. Marseil, St. Paul, Minn., assignor to Farwell Ozmun Kirk & Co., St. Paul, Minn., a corporation of Minnesota
Application April 22, 1935, Serial No. 17,628
10 Claims. (Cl. 225—1)



1. In a dispenser of the character described, a closed liquid container, a conduit leading from the interior of the container for dispensing the liquid therefrom, a receptacle including a body incorporated within the container and opening to the outside through a wall thereof, a removable cover for the receptacle body, a heat insulated receiver for solid carbon dioxide removably disposed within said receptacle, said receiver having portions thereof closely adjacent to the receptacle body and other portions spaced from said body to expose inner portions thereof to the gas generated from the solid carbon dioxide in said receiver, said receptacle structure being vented to release gaseous carbon dioxide into the interior of said container and also to the outside, the venting of the gas to the outside being through a vent in the receptacle cover and under restriction such that the container is constantly charged with gas at the desired liquid dispensing pressure.

2,104,468
PNEUMATIC HAMMER
John W. Osborn, Jackson, Mich., assignor to Hinckley-Myers Company, Jackson, Mich., a corporation of Michigan
Application August 5, 1936, Serial No. 94,377
7 Claims. (Cl. 121—35)



1. In a fluid pressure device of the character described, a casing having a handle and a head portion, said head portion hollowed out to form a fluid cylinder having a fluid outlet, said fluid cylinder having a fluid inlet extending through said handle, a piston within the cylinder, a valve casing plug extending transversely across the fluid inlet through the handle, said plug having a valve chamber at one end and having a valve stem passageway therethrough, a valve having a head adapted to seat against the end of the plug within the valve chamber and having a stem extending through said valve stem passageway, a spring holding said valve to its seat against the end of the plug, mechanism for unseating said valve against the tension of said spring, said plug having two fluid passageways leading from the valve chamber to the fluid passageway through the handle on opposite sides of the plug and adapted to be normally closed by the valve seated against the end of the plug within the chamber.

2,104,469
SUPPLYING INK TO INK TRANSFER MEMBERS
George E. Pelton, Alexandria, Va., and Edward L. Jester, Washington, D. C.; said Jester assignor to said Pelton
Application August 7, 1935, Serial No. 35,213
11 Claims. (Cl. 197—171)

1. In a typing mechanism including a writing ribbon, the combination of a tube containing ink and having a discharge orifice, a plunger in said tube, adjustable yielding means outside of said tube operatively connected to said plunger within said tube for yieldingly urging said plunger

toward said orifice to discharge ink through the same, and a movable member on which ink is



deposited from said orifice and from which ink is transferred to said ribbon.

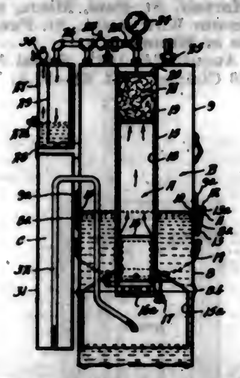
2,104,470
DENTURE KIT
Orville A. Roland, Quincy, Ill.
Application July 11, 1936, Serial No. 90,219
1 Claim. (Cl. 132—84)



A denture kit comprising a container, a perforate discharge cap at one end of the container, a closure cap frictionally engaging over said discharge cap, and a brush member frictionally engaging said closure cap, said brush member comprising a back contacting with said one end of the container on opposite sides of said closure cap and provided with an outwardly offset central portion overlying said closure cap and bristles secured to said back and said offset portion with the ends of said bristles substantially coplanar from end to end of said brush, said central portion providing a recess in the back to snugly receive said closure cap whereby said brush will be frictionally maintained on said closure cap.

2,104,471
ACETYLENE GENERATOR
Reiland C. Sabins, St. Paul, Minn., assignor to Mechanical Development Co., St. Paul, Minn., a corporation of Minnesota
Application August 29, 1934, Serial No. 741,919
3 Claims. (Cl. 48—22)

2. An acetylene gas generator having in combination a casing closed from the atmosphere and adapted to contain water in its lower portion and forming a pressure accumulating chamber in the upper portion thereof, a second casing forming a gas holding chamber in the upper portion thereof and having communication with said pressure accumulating chamber to cause pressures to equalize in said two chambers, said casings having water communication only between their lower portions and below the operating or contact level of the water, means for holding a quantity of carbide with the lower surface thereof disposed at a predetermined water contact level, and an auxiliary recession chamber independent of said casings and closed from the atmosphere and having only communication with the water in said generator at a point below the



operating contact water level to receive receding water from said casings when gas pressure within said casings exceeds a predetermined amount.

2,104,472
AUXILIARY CHUCK
John A. St. Clair and Dewey R. Gemmel, Indianapolis, Ind.
Application July 19, 1935, Serial No. 32,134
2 Claims. (Cl. 175—367)



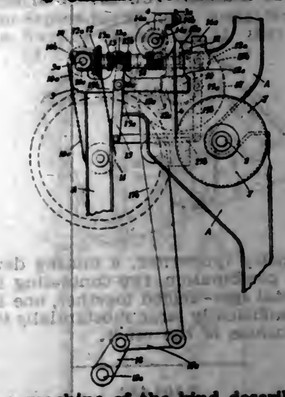
2. An auxiliary chuck adapted to cooperate with a main chuck having a magnetic field, comprising a disk like body portion of non-magnetic material, and a plurality of magnetic flux carrying poles of uniform cross sectional area throughout their length and extending through said body portion in a straight line from end to end, a portion of said poles being at an acute angle to the vertical axis of said body portion, whereby the magnetic field of the main chuck is extended to an area larger than the face of the chuck.

2,104,473
FILTER
Lloyd W. Watson, Oakland, Calif., assignor to Oliver United Filters Incorporated, San Francisco, Calif., a corporation of Nevada
Application August 20, 1935, Serial No. 37,003
3 Claims. (Cl. 210—195)



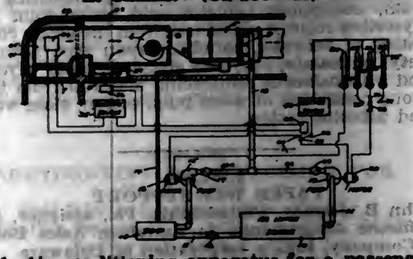
1. In a filter: a base member; a channel formed in said base member; a section of filter medium disposed within said channel; and a zigzag locking strip resiliently engaged between the walls of said channel and said filter medium.

2,104,474
ACTUATING MECHANISM FOR DOFFING MECHANISM
James Keith Andersen, Leeds, England
Application September 19, 1935, Serial No. 41,343
In Great Britain September 28, 1934
3 Claims. (Cl. 74—1)



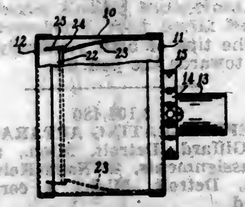
1. In a machine of the kind described having power driven mechanism, a starting lever for controlling the drive of said mechanism, and two reciprocable members; apparatus for imparting movements to said members in a predetermined sequence, and means for interlocking said starting lever and apparatus so that when either is operative the other is locked against operation.

2,104,475
SPRAY TYPE CONDITIONER FOR PASSENGER VEHICLES
Samuel M. Andersen, Sharon, Mass., assignor to B. F. Sturtevant Company, Boston, Mass.
Application November 11, 1936, Serial No. 110,289
12 Claims. (Cl. 236—44)



1. Air conditioning apparatus for a passenger vehicle, comprising a cooler, spray nozzles in said cooler, means for passing outside air through said cooler and for discharging it into the passenger space of said vehicle, circulating means for supplying a liquid to said spray nozzles and for returning the liquid from said cooler, refrigerating means for cooling said liquid, means for routing said liquid through said refrigerating means, by-pass means for by-passing said liquid around said refrigerating means, control means for placing into operation said by-pass means and for rendering inoperative said means for routing said liquid through said refrigerating means when the wet bulb temperature of the outside air is below a predetermined point, and means controlled by said control means and responsive to conditions within the passenger space for controlling the supply of liquid to said nozzles.

2,104,476
CAMERA MODEL
Edward N. Anketell, New Haven, Conn., assignor to The A. C. Gilbert Company, New Haven, Conn., a corporation of Maryland
Application December 11, 1936, Serial No. 115,376
6 Claims. (Cl. 35—49)

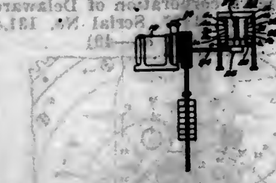


1. A camera model comprising a housing equipped with light projecting means and resilient members within the housing for engaging a plate at opposite edges and holding it removably in facing relation to the projecting means.

2,104,477
CONCRETE COMPOSITION
John Draugelis, Girardville, Pa.
No Drawing. Application December 4, 1936, Serial No. 114,134
1 Claim. (Cl. 106—24)

A plastic composition adapted to be formed into miscellaneous shapes, comprising 17% ground corn stalk, 33% anthracite coal ash, and 50% Portland cement, said elements intimately mixed in exactly the foregoing proportions with water to form a plastic mass.

2,104,478
ELEVATOR CONTROL SYSTEM
William F. Eames, Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill., a corporation of Illinois
Application December 1, 1934, Serial No. 755,578
33 Claims. (Cl. 187—29)



1. In a system for operating an elevator car past a plurality of floors; call registering means for each of said floors and mechanism disposed to respond thereto; and quota mechanism for controlling the response of said mechanism comprising a first element operably responsive to the number of operated call registering means and a second element for restoring said first element to non-operated condition.

2,104,479
QUICK CLEANING FEEDER FOR PENS
Ross F. George, Seattle, Wash.
Application May 24, 1934, Serial No. 81,823
34 Claims. (Cl. 120—114)

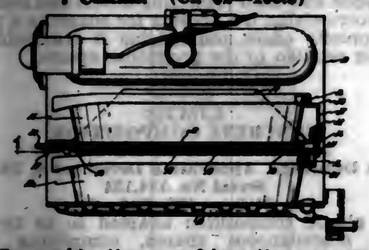
1. In combination with a pen, an underfeeder and an overfeeder pivotally mounted thereon,

and spring means cooperating with said feeders



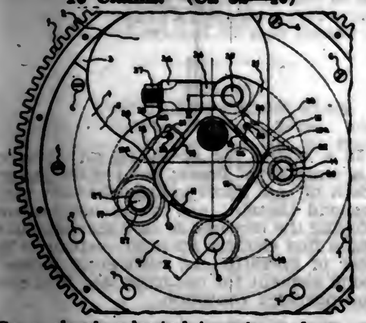
to press the tips of both yieldingly and simultaneously towards the pen tip.

2,104,480
REFRIGERATING APPARATUS
Whitney Gifford, Detroit, Mich., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich., a corporation of Maryland
Application October 16, 1936, Serial No. 105,851
7 Claims. (Cl. 62—106.5)



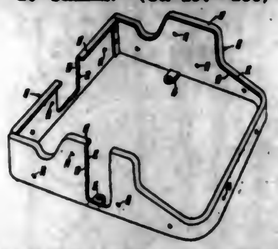
1. In combination, a refrigeration evaporating unit, ice freezing tray supported in said unit, a perimetrical flange formed on said tray, a lever for free engagement with said flange, an arcuate slot formed in said lever, a crank engageable in said slot and operable by an arm extending forwardly of said tray to move said lever in one direction to force a separation between said tray and support.

2,104,481
CRANKSHAFT CHUCK
William F. Greene, Cincinnati, Ohio, assignor to The E. K. Le Blond Machine Tool Company, Cincinnati, Ohio, a corporation of Delaware
Application March 17, 1937, Serial No. 131,459
16 Claims. (Cl. 82—40)



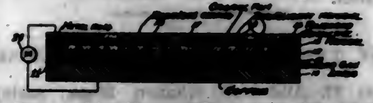
1. In a chuck adapted to grip and support a precentered work piece without distortion by means of irregular rough surfaces on said work piece, a chuck body, a plurality of pairs of clamping jaws pivotally mounted on said chuck body, the jaws of each pair swinging relative to the work in opposed relation to the jaws of said other pairs, and clamping means to maintain engagement of said jaws with said work piece.

2,104,482
TYPEWRITING MACHINE
William F. Heimond, West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application November 1, 1935, Serial No. 47,731
10 Claims. (Cl. 197—166)



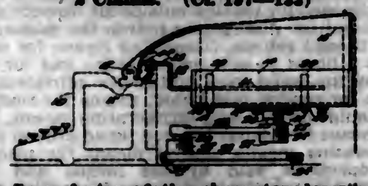
4. In a noisy typewriter, a muting device including, in combination, two contacting laminations of metal spot-welded together, one lamination being sufficiently large substantially to choke the sonorousness of the other.

2,104,483
PRESERVATIVE AND CONTACT COAT FOR LIGHT-SENSITIVE DEVICES
George W. Hewitt, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 5, 1936, Serial No. 67,278
6 Claims. (Cl. 136—89)



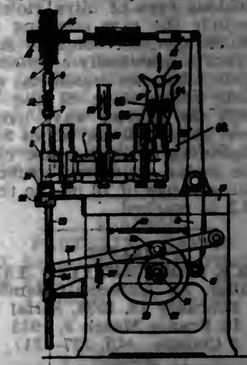
5. In combination with a translucent metal film, a protective transparent coating therefor comprising a resin from the group consisting of rosin, collophony, abietic acid, ester gum or glycerized rosin, a plasticizer from the group consisting of beeswax, paraffin, Japan wax, normal butyl phthalate, ethylene glycol or other glycol, and a translucent reinforcing material from the group consisting of wood pulp, cotton, glass wool and asbestos cotton.

2,104,484
PAPER WEB SUPPORT
John B. Janney, Philadelphia, Pa., assignor, by mesne assignments, to American Sales Book Company, Inc., a corporation of Delaware
Application January 10, 1931, Serial No. 507,818
2 Claims. (Cl. 197—133)



1. In a device of the character described, an actuating arm comprising an L-shaped bar, a straight bar, and a universal clamp slidable relative to both bars and arranged for rigidly holding the bars in a desired angular relation, and adjustable to permit a change in such angular relation and in the effective length of a bar.

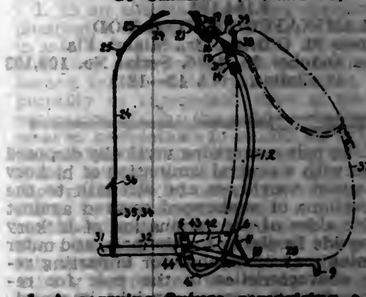
2,104,485
METHOD AND APPARATUS FOR MANUFACTURING COLLAPSIBLE TUBES
Ivar Anders Emil Johnson, Malmö, Sweden, assignor to Aktiebolaget Gurk, Arabins Mekaniska Verkstad, Stockholm, Sweden, a corporation of Sweden
Application September 17, 1934, Serial No. 744,460
In Sweden September 21, 1933
13 Claims. (Cl. 113—1)



1. In the manufacture of collapsible tubes, the method which comprises taking an open ended tube having an irregularity, applying to the tube a cap loosely screwed thereto, rotating the tube and stopping the rotation when said irregularity reaches a position corresponding to the proper angular position for sealing of the tube, sealing the tube by flattening the open end, and utilizing the rotary movement of the tube for screwing the cap tight.

3. In an apparatus having a mechanism for sealing by flattening an end of collapsible tubes provided with an irregularity, the combination of a tube carrier, a driving member having an abutment, means for rotating said driving member to register its abutment with the irregularity of the tube and further swing said irregularity into a predetermined position relative to said carrier, and means for moving said carrier together with said tube into a definite operative position relative to said sealing mechanism.

2,104,486
CARRYING-FIXTURE, ESPECIALLY FOR KNAPSACKS
Rolf Hjerth Johansen, Oslo, Norway
Application December 16, 1935, Serial No. 54,717
In Norway April 3, 1935
10 Claims. (Cl. 224—8)



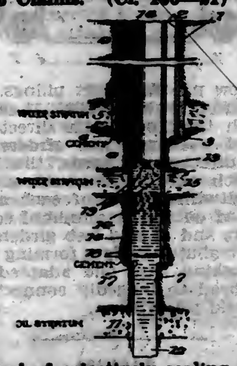
1. A carrying-fixture comprising a frame of rods, a cross member, means connecting said frame and said cross member for universal angular relative movement and carrying straps which are connected to said cross member at each side of the axis of movement thereof.

2,104,487
GARMENT
Frederick Charles Kessler, Rutherford, N. J.
Application December 2, 1935, Serial No. 52,706
2 Claims. (Cl. 2—70)



1. In combination, a top shirt, an undergarment, means for removably securing said top shirt to said undergarment, comprising a plurality of spacedly disposed female snap fastener elements secured to the outer portion of said top shirt at the waist line thereof, tabs secured to said top shirt below said female fastener elements, a plurality of spacedly male snap fastener elements on said undergarment adapted to be received by said female snap elements for removably securing said top shirt to said undergarment, said undergarment adjacent said male fastener elements being provided with finger-receiving apertures permitting of the insertion of a finger, facilitating the connecting of said fastener elements.

2,104,488
TREATMENT OF WELLS
Harvey T. Kennedy, Forest Hills, and Blaine B. Wescott, Oakmont, Pa., assignors to Gulf Research & Development Company, a corporation of Delaware
Application October 3, 1935, Serial No. 43,440
6 Claims. (Cl. 166—21)



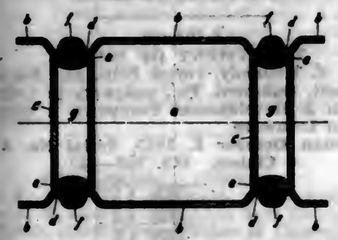
1. A method of selectively sealing or solidifying water-bearing strata by impregnation in wells penetrating such strata and also penetrating lower, oil-bearing strata, which comprises establishing in the well a body of gel extending up adjacent but below the water strata and closing off the oil strata, injecting a liquid sealing agent into the well above the gel body and forcing the sealing agent into the water-bearing strata to impregnate said strata and seal them, the sealing agent being prevented from entering the oil strata by the gel body, and then removing the gel body, leaving the oil strata exposed.

2,104,489
CAN OPENER
Robert Thomas Killman, Nashville, Tenn.
Application August 28, 1935, Serial No. 38,256
5 Claims. (Cl. 30—15)



1. The combination, in a can opener, of a frame; a feed wheel; an operating handle; a blade; a blade actuating member extending into the path of the handle, said blade actuating member having a straight edge adapted to cooperate with a flat surface on said handle; and resilient means urging said straight edge against said flat surface, whereby said blade and said handle are yieldably held in a predetermined can receiving position.

2,104,490
HOLLOW PILE FOR SHEET PILINGS
Willem Coenraad Köhler, Amsterdam, Netherlands, and Arthur Mauterer, Dortmund, Germany
Application January 14, 1937, Serial No. 120,479½
In Germany January 18, 1936
2 Claims. (Cl. 61—60)



1. A hollow pile for sheet pilings, comprising in combination two parallel U-section outer girders with their open side directed inwards, two parallel U-shaped web girders with their open side directed outwards, the longitudinal edges of each web girder abutting against one of the longitudinal edges of each outer girder, hooks formed on the longitudinal edges of said outer girders and of said web girders, the hooks on every two abutting edges forming a bead, and I-section locking bars one adapted to engage over each bead to hingedly connect said outer girders to said web girders.

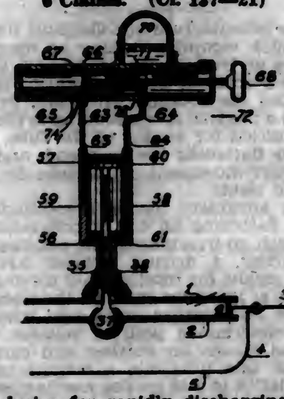
2,104,491
ADHESIVE
Robert S. McKinney, Chevy Chase, Md., dedicated to the free use of the People of the United States of America
No Drawing. Application July 12, 1937, Serial No. 153,197
1 Claim. (Cl. 167—42)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

An adhesive adapted for use in combination with insecticides and fungicides containing as its essential active ingredient alpha-eleostearic acid.

2,104,492
LIGHT FILTER
Erich Merkel, Wuppertal-Barmen, and Christian Wiegand, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company Inc., New York, N. Y., a corporation of New York
No Drawing. Application March 17, 1934, Serial No. 716,172. In Germany March 21, 1933
13 Claims. (Cl. 167—89)

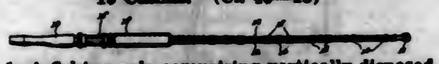
10. A medium which protects the human skin from the noxious rays of ultra violet light but does not exclude the rays effecting tanning of the skin, which medium contains as the light absorbing agent a practically colorless, non-poisonous organic substance which has a high and simultaneously steep slope of the absorption curve towards the shorter wave length in the range between about 320 and about 350 mμ, said slope corresponding to an increase of the logarithm of the molar extinction coefficient by at least 1 within a range of 10 mμ, so that at least the value 3.2 is reached.

2,104,493
DEVICE FOR EMPTYING TANKS
Jacques Muller, La Garenne-Colombes, France
Application February 19, 1934, Serial No. 712,071
In France March 9, 1933
6 Claims. (Cl. 137—21)



1. A device for rapidly discharging the contents of a tank having a discharge opening, comprising a valve seat surrounding said opening on the interior of said tank, a similar valve seat on the exterior of said tank, a valve associated with each valve seat, and fluid-actuated means for effecting simultaneous opening and closing of both valves.

2,104,494
LAMINATED FISHING ROD
Francis M. O'Brien, Jr., Miami, Fla.
Application October 28, 1936, Serial No. 108,103
10 Claims. (Cl. 43—18)



1. A fishing pole comprising vertically disposed laminations with a central lamination of hickory wood to impart toughness and strength to the pole, laminations of snakewood secured against the opposite sides of the lamination of hickory wood to provide flexibility for the pole, and outer lateral laminations of bamboo for imparting recuperative characteristics to the pole for returning the same to normal straight line position after flexing.

2,104,495
REEL SEAT FOR FISHING RODS
Francis M. O'Brien, Jr., Miami, Fla.
Application February 2, 1937, Serial No. 124,873
10 Claims. (Cl. 43—23)



1. In a fishing rod, a reel seat comprising a tubular member having an open end, a ferrule adapted to be fixed upon the inner end of the pole of a fishing rod and removably fitted in said open end of the reel seat, and clamping means between the ferrule and the reel seat for securing the same together against relative rotation and longitudinal movement.

2,104,496
FASTENING DEVICE
Justus J. Schaefer, Great Barrington, Mass.
Application February 28, 1935, Serial No. 8,624
4 Claims. (Cl. 20—92)



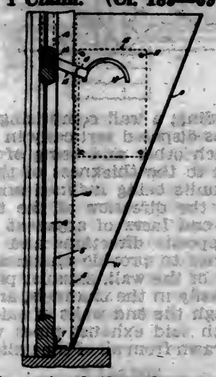
2. A joint including frame members to be secured together and provided with aligned sockets in combination with a helically slit rawhide coupler expanded in said sockets.

2,104,497
AUTOMATIC VENDING MACHINE
Fritz Schulte, Berlin-Halensee, Germany
Application January 12, 1936, Serial No. 59,763
In Germany January 16, 1935
2 Claims. (Cl. 312—97.1)



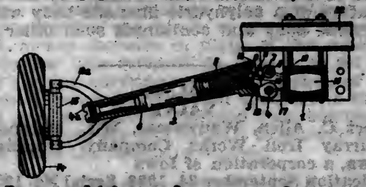
1. In an automatic vending machine, in combination, a transparent casing, a drum rotatable in said casing and comprising a plurality of immediately superposed goods supporting members having intermediate walls arranged to form a plurality of superposed rows of sector-shaped compartments for the goods connected together so as to be rotatable in unison, an external manual control member for turning the drum, said casing having a withdrawal opening for each superposed row of compartments for permitting access to the compartments, a door for each of said openings, a driving member on each of said doors movable into and out of the path of said intermediate walls, actuating means for said driving member on the casing arranged to protrude the driving member into the path of the intermediate walls on the door being opened, so as to engage one of said walls and move the drum into a position in which one of said sector-shaped compartments coincides with the respective opening and enable the drum to move any open door into the closed position on the drum being turned in the direction to close the door and means operatively connected to the drum to limit rotation thereof in the opposite direction.

2,104,498
CLOSURE OPERATING DEVICE
John Slatinsky, Chicago, Ill.
Application February 25, 1936, Serial No. 65,691
Renewed June 1, 1937
1 Claim. (Cl. 189—69)



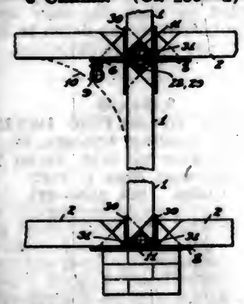
An attachment of the class described comprising a substantially triangular plate formed at one end with an attaching flange for attaching to a window frame and at its opposite end with a stop flange, said plate being further provided with an arcuate slot, a lever having an intermediate offset portion operable in said slot, one end of said lever being provided with an operating device for connection with a hinged closure, a gear connected to the other end of said lever and a hand crank for operating said gear.

2,104,499
RESILIENT SUSPENSION MEANS FOR MOTOR VEHICLES
Jaroslav Svoboda, Ladislav Svoboda, and Karel Bilek, Prague, Czechoslovakia
Application June 16, 1937, Serial No. 148,606
In Czechoslovakia December 19, 1935
14 Claims. (Cl. 267—31)



1. In a vehicle, a frame member, a wheel mounting member, an arm pivoted at one end to one of said members and secured at the other end to the other of said members, said arm having a tapered recess in one end thereof, a tapered mandrel extending into said recess, and a resilient sleeve element interposed between said mandrel and the walls of said recess, the outer end part of said mandrel bearing against the member to which said arm is pivoted.

2,104,500
INSULATED BUILDING STRUCTURE
Charles J. Van Buren, Detroit, Mich.
Application August 10, 1933, Serial No. 684,555
6 Claims. (Cl. 189—1)



1. In a building, a wall comprising a plurality of hollow units disposed vertically in side by side relation to each other and being of a thickness corresponding to the thickness of the wall, end faces of the units being inclined and extending diagonally in the direction of the thickness of the wall, the end faces of adjacent units being inclined in opposite directions and cooperating with each other to provide channels extending longitudinally of the wall, exhaust pipes extending longitudinally in the channels, and pipes extending through the end walls of said units and connected with said exhaust pipes whereby air may be withdrawn from all of the units.

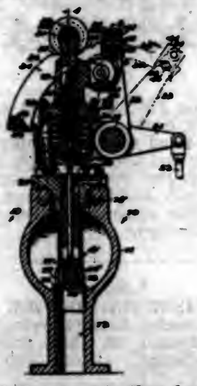
2,104,501
MANUFACTURE AND USE OF SYNTHETIC RESINS
Basil Albert Adams and Eric Leighton Holmes, Teddington, England
No Drawing. Application October 25, 1935, Serial No. 46,823. In Great Britain November 13, 1934
9 Claims. (Cl. 252—2)

1. The process of treating liquids to effect the removal therefrom of particular constituents by adsorption which comprises subjecting the liquid to the action of a synthetic resin obtained by the condensation of a mixture comprising a polyhydric phenolic body and a methylene body.

9. The process of treating aqueous liquids to effect the removal therefrom of particular cations and the replacement thereof with other cations which comprises subjecting the liquid to the action of a synthetic resin obtained by the condensation of a polyhydric phenolic body with a methylene body and containing such other cations.

2,104,502
VALVE
Robert C. Allen, Wauwatosa, Wis., assignor to Murray Iron Works Company, Burlington, Iowa, a corporation of Iowa
Application September 24, 1936, Serial No. 102,422
9 Claims. (Cl. 137—139)

1. In a valve, a casing having a valve seat, a valve body to engage the valve seat, a reciprocatory bar connected with the valve body to move it, a roller attached to the reciprocatory bar, a swinging arm having its axis of turning movement arranged near the casing, a cam bar having an inner circularly curved edge which is concentric with the axis of turning movement of the arm, said cam bar being arranged to engage with the roller and having inner and outer circularly curved cam faces which are concentric with the axis of turning movement of the lever and an intermediate shifting cam face which is disposed substantially at a right angle to the longitudinal axis of the reciprocatory bar when it engages the



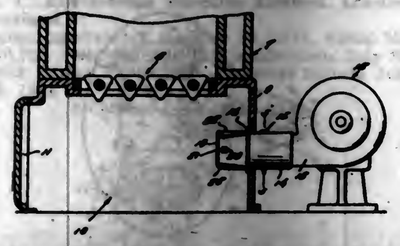
roller to shift the same to thereby eliminate substantially all side thrusts upon the reciprocatory bar, means connecting the free end of the cam bar with the free end of the swinging arm, and supporting means engaging the inner circularly curved edge of the cam bar so that the inner circularly curved edge may travel concentrically with the turning axis of the swinging arm.

2,104,503
METHOD OF FORMING CONNECTING MEANS FOR OPHTHALMIC MOUNTINGS
Nelson M. Baker, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application August 15, 1933, Serial No. 685,196
Renewed May 26, 1937
10 Claims. (Cl. 29—20)



1. The method of forming connecting means for the operable and/or separable parts of an ophthalmic mounting comprising forming a connecting member with a recess and a separate connecting member with a projection which may be fitted in said recess by sliding axial movement, providing each of said connecting members with means which during use will positively associate them with the operable and/or separable parts of the mounting so that when the said connecting members are united the said means will hold the operable and/or separable parts together, and associating heat softenable binding means with one of said connecting members so that the other connecting member may be slidably assembled therewith without having to directly engage or traverse the binding means, the said binding means being so located relative to the assembled parts that when heat is applied thereto the binding means will melt and flow between the parts and when allowed to cool will harden and unite the same.

2,104,504
FORCED FEED DRAFT EQUALIZER
William Barenda, New York, N. Y.
Application May 14, 1936, Serial No. 79,794
4 Claims. (Cl. 299—120)



4. In a device of the class described, an adapter sleeve designed to be fitted removably and telescopically on a delivery nozzle, and an air equalizing unit having one end fitted and fastened in the sleeve and the opposite end projecting beyond the sleeve, the projecting end portion embodying outwardly diverging baffle elements and the upper and lower longitudinal edges of said elements being formed with laterally projecting deflector flanges.

2,104,505
DYEINGS ON CELLULOSIC FIBERS
Hermann Berthold, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application April 27, 1934, Serial No. 722,817. In Germany May 10, 1933
6 Claims. (Cl. 8—5)

1. The process which comprises applying to cellulosic fibers an α-hydroxynaphthalene compound with a free vicinal β-position together with an alkaline reacting and an oxidising agent and developing the dyestuff by oxidation.

2,104,506
STUD
Edwin D. Coddington, Milwaukee, Wis., assignor to Reynolds Corporation, New York, N. Y., a corporation of Delaware
Application September 2, 1935, Serial No. 39,024
5 Claims. (Cl. 72—115)



4. A composite prefabricated structural member comprising a longitudinally closed tubular casing of relatively thin, nail-penetrable sheet metal, a cementitious nailable core enclosed by the casing, said casing comprising a pair of reversely disposed channel members of slightly different widths having straight flat terminal flanges, the flanges of the wider channel member overlying the flanges of the companion channel member so as to provide a double thickness of metal extending along the top and bottom faces of the structural member, and bonding means between the overlapped flanges to maintain the channel members in rigid assembly.

2,104,507
WARP BEAM HOLDER FOR YARN DRYING MACHINES
Manley L. Crain and Clarence E. Smith, Greer, S. C.
Application October 9, 1935, Serial No. 44,262
1 Claim. (Cl. 308—212)



A bearing for the end of a shaft comprising a stationary support, an axle having an intermediate portion movable axially of and carried by the support, a sectional bearing housing mounted on one end of the axle and hinged one to the other, said housing having an opening remote from its mounting on the axle to receive the end of the shaft, roller bearings carried by each section adapted to surround the periphery of the shaft to provide radial support therefor, and a bearing element in the housing adapted to abut the end of the shaft to prevent axial thrust.

2,104,508
FUSE FOR HAND GRENADES AND PROJECTILES
Ladislaus Demeter, Monor, Hungary
Application April 9, 1936, Serial No. 73,534
In Hungary April 15, 1935
21 Claims. (Cl. 102—39)

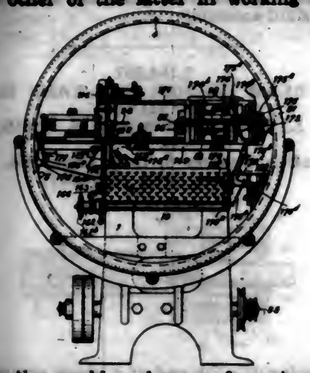


1. Fuse for an explosive missile comprising a container, a fuse composition in such container capable of burning slowly under normal pressure but of exploding under excess pressure, said container having openings therein to permit the fuse composition, when ignited, to burn under normal pressure, means for covering said opening, said means and said container being relatively movable in flight of the missile to uncover said openings, means movable in flight of the missile to ignite the fuse composition, means to set back said opening covering means on impact, or after a time interval, to cover said openings to subject said previously slowly burning fuse composition to excess pressure and cause it to explode and in turn cause the missile to explode.

2,104,509
TYPE CASTING AND SETTING MACHINE
Frederic Devise, Paris, France
Application July 16, 1936, Serial No. 90,964
In France July 19, 1935
13 Claims. (Cl. 199—74)

1. In a machine for casting and setting movable type, a frame carrying a plurality of matrix blocks, means for automatically putting, by

a rotation of the entire group of blocks, one or the other of the latter in working position



opposite the mould, and means for automatically starting this group of blocks.

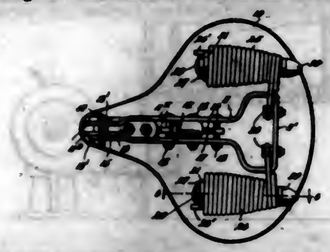
2,104,510
TOY RAILWAY
Georg Einfalt, Nuremberg, Germany
Application January 25, 1937, Serial No. 122,318
In Germany February 6, 1936
2 Claims. (Cl. 105—29)



1. A toy railway vehicle in combination with a toothed rail; driving means and automatic locking and releasing means therefor mounted on said vehicle, the said locking and releasing means including a toothed wheel adapted to engage in the teeth of the rail and a pawl guided to move vertically and adapted to come in contact with the teeth of the rail and having a tongue adapted to engage with the teeth of the said wheel to lock the wheel when the pawl is in its lower position and to release the wheel when the pawl is lifted by impinging against the teeth of said rail; a spark producing device consisting of a friction wheel, a spark producing flint abutting against the periphery of the friction wheel, a two-arm lever having a pivot on which the lever is mounted in a non-rigid manner, the said lever carrying at the upper end the said flint and being weighted at its lower end; driving axles and intermediate wheels interposed between the driving means and the friction wheel and adapted to drive the latter at a high speed when the driving means are released; and the track having descending smooth rail sections and ascending toothed rail sections, whereby the spark producing device is rendered operative only while the vehicle moves up the rail.

2,104,511
SADDLE FOR CYCLES
Roland W. Faulhaber, Alma, Mich., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich., a corporation of Michigan
Application March 23, 1936, Serial No. 70,478
11 Claims. (Cl. 155—5.22)

1. A saddle for cycles comprising a seating member and a reach member disposed in substantial parallelism, one end of the reach member being pivotally attached to the seating member, a torsion spring forming a helix, means carried by one of said members and supporting said spring at the ends of the helix with the axis



thereof in fixed relation to said member and extending longitudinally of said saddle, one end of said spring being fixed against rotation with relation to said axis and means connecting the other end of said spring to the other member.

2,104,512
SADDLE FOR CYCLES
Carl Hansen, Leer, Mich., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich., a corporation of Michigan
Application May 16, 1936, Serial No. 80,155
3 Claims. (Cl. 155—5.22)

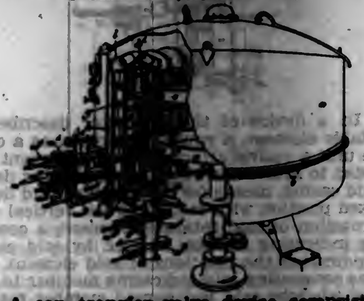


1. In a saddle construction, in combination, a seating member, a reach member having one end pivotally connected to the seating member and its other end free for movement toward or away from said member, a torsion spring located laterally of the reach member and having an arm extending under the free end thereof, and a link detachably connecting the end of said arm and the free end of the reach member, the reach member normally contacting said arm intermediate the link and spring, for limiting the movement of said seating and reach members in directions away from each other, the upper end of said connecting link comprising a short portion extending at an angle with the major portion of said link, and a further portion extending from said short angled portion beyond said major portion and in a direction substantially parallel therewith, said short angled portion of the link extending through an opening in said reach member and detachably retained therein by means of said further extending portion.

2,104,513
BLASTING CAP COMPOSITION
Lloyd H. Fisher, deceased, late of Wilmington, Del., by Ansen B. Nixon, administrator, Holly Oak, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application September 17, 1935, Serial No. 40,977
12 Claims. (Cl. 52—4)

1. A detonating explosive composition for blasting caps consisting of diazodinitrophenol and a heavy metal oxidizing agent.

2,104,514
COOKING, HEATING, OR LIKE APPARATUS FOR TREATING THIS OR FOOD OR OTHER ARTICLES
Herbert Ban Galvin, Ewell, England, assignor to L. C. Engineering Supplies Limited, London, England
Original application October 22, 1931, Serial No. 570,722. Divided and this application July 29, 1935, Serial No. 33,769. In Great Britain July 10, 1931
9 Claims. (Cl. 126—272)



1. A can transfer valve device comprising a housing having a vertical conduit therein for the passage of the cans by gravity action, there being an inlet opening for the cans at the top end of this conduit, a pair of vertically spaced valve plates slidable within the housing and across the conduit to define an isolatable portion of the conduit between them, a second conduit formed as a lateral extension of the said isolatable conduit portion, the said isolatable conduit portion having a port in its side wall providing communication between the two conduits and a valve element in the said second conduit for controlling the supply of pressure fluid to the isolatable conduit portion and the exhausting of the fluid therefrom.

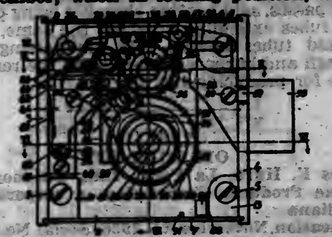
2,104,515
BLACKBOARD INSTRUMENT
Charles Fremont Golden, Denver, Ind.
Application November 20, 1935, Serial No. 50,769
Renewed June 4, 1937
1 Claim. (Cl. 33—75)



An instrument of the class described including a T-square, a tubular stem slidable therethrough, a vacuum cup on the stem, a centering pin normally projected from the cup, said stem being shiftable longitudinally to collapse the cup against a flat surface to create a partial vacuum therein and to retract the pin into the stem and sealing means on the stem shiftable to destroy the vacuum and release the cup.

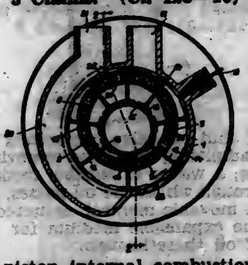
2,104,516
COMBINATION LOCK
Olof Alfred Hage, Goteborg, Sweden
Application December 17, 1935, Serial No. 54,925
In Sweden June 9, 1935
6 Claims. (Cl. 70—305)

1. In a combination lock, a movable spindle extending through the door, a member rotatable around the spindle and adjustable in different turning positions, a pawl movably mounted on said member and adapted to prevent rotation of said member, when in locking position, a scale



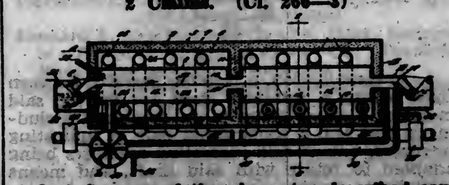
on said rotatable member for determining the turning position of said member, and a member turning together with the spindle and adapted to abut against said pawl and thereby to bring the pawl into locking position.

2,104,517
ROTARY ENGINE WITH GYRATORY PISTON
Alfred Heerde, Breslau, Germany
Application April 16, 1935, Serial No. 16,674
In Germany November 4, 1932
3 Claims. (Cl. 123—16)



1. In a piston internal combustion engine, a casing having inlet and exhaust ports, concentric guide drums, a rotating piston arranged between and eccentric to the guide drums, radial sliding vanes rotating between the concentric guide drums and sliding through the rotating piston drum, lateral discs enclosing working chambers formed between the sliding vanes and the said drums, the said discs being rigidly connected to the rotating piston and providing a clearance between said discs and the casing, sealing rings bridging the clearance between the casing, the discs and the sliding vanes, said sealing rings rotating with the discs to take up the centrifugal force of and to guide the sliding vanes across the exhaust port.

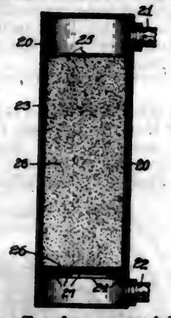
2,104,518
NORMALIZING FURNACE
Clarence B. Hoak, Steubenville, Ohio
Application October 1, 1936, Serial No. 103,595
2 Claims. (Cl. 266—3)



1. A furnace of the character described comprising an elongated hollow structure, a drum extending longitudinally in the hollow struc-

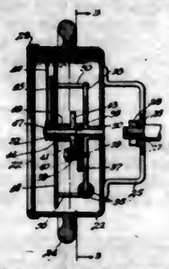
ture, a work traveling passageway through the drum, a protective gas inlet for the drum and means for circulating the gas through the drum, said drum being divided into a heating chamber and a cooling chamber through both of which the work passes, said heating chamber being provided with tubes extending adjacent the same, certain of said tubes having cold air passing therethrough and burners positioned in the remaining tubes for producing hot air.

2,104,519
OIL SHUT-OFF
James E. Hurn, La Porte, Ind., assignor to De Luxe Products Corporation, a corporation of Indiana
Application November 25, 1936, Serial No. 112,817
7 Claims. (Cl. 210—131)



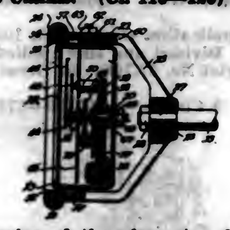
7. An oil shut-off valve comprising a housing, means for admitting oil to and removing oil from the housing, a water expansible medium in the housing through which the oil passes, and means including a movable member actuated by movement of the expansible medium for controlling the flow of oil therethrough.

2,104,520
GAUGE
David D. Jackson, Providence, R. I., and Erving W. Tefft, South Attleboro, Mass., assignors to Tefft-Jackson, Incorporated, Pawtucket, R. I., a corporation of Rhode Island
Application March 2, 1934, Serial No. 713,744
4 Claims. (Cl. 116—125)



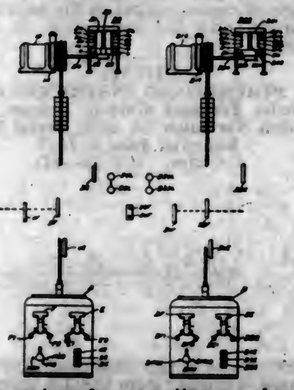
1. In combination, a member movable between fixed points, a rotatable shaft for moving said member, a gauge mounted on said shaft including a dial and a cooperating pair of indicating members, one of said indicating members being adapted to rotate with said shaft, and means including a gravity responsive member for rotating the other of said indicating members at a predetermined speed to indicate revolutions of said first mentioned indicating member.

2,104,521
GAUGE
David D. Jackson, Providence, R. I., and Erving W. Tefft, South Attlebero, Mass.
Application October 29, 1934, Serial No. 750,582
8 Claims. (Cl. 116—125)



1. In a device of the character described, a rotatable element, a gauge comprising as a complete unit a casing attached to said element and adapted to rotate therewith, an indicating device in said casing, means for maintaining said device in fixed position with respect to the vertical during rotation of said rotatable element, a cooperating indicating member carried by said casing for indicating the rotations of said element, and means connecting said indicating member to said casing whereby said last named member may be moved with respect to said casing to adjust the position of the same without dismantling said gauge or removing the same from said element.

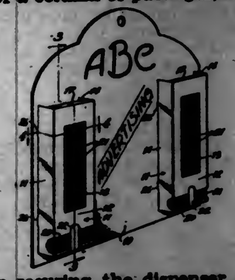
2,104,522
ELEVATOR CONTROL SYSTEM
Richard W. Jones, Chicago, Ill., assignor to Westinghouse Electric Elevator Company, Chicago, Ill., a corporation of Illinois
Application November 27, 1934, Serial No. 754,967
45 Claims. (Cl. 187—29)



1. In a system for operating an elevator car past a plurality of floors, mechanism associated with said car comprising a control for each of said floors, means for controlling said car disposed to respond to said controls, and means to modify the response to said controls by said first mentioned means in accordance with the number of operated controls.

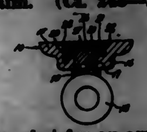
2,104,523
PACKAGE DISPENSING DEVICE
Leo Lichtenstein, Chicago, Ill.
Application August 3, 1937, Serial No. 157,145
1 Claim. (Cl. 312—42)

In a dispensing device, the combination of a backing panel adapted to display advertising matter, and a dispenser chute mounted thereon and adapted to contain a column of packages, the dispenser chute comprising a front wall, top and bottom walls and side walls, and being provided near the base with a dispensing slot to permit removal of the packages one at a time, the rear of the dispenser chute being open to permit the insertion of a column of packages, and attaching



means for securing the dispenser chute to the backing panel after being filled with packages, the backing panel after attachment affording a rear closing wall for the chute, the top wall of the dispenser chute extending inwardly and downwardly at an acute angle between the side walls to exert temporary pressure upon the column of packages to prevent displacement thereof before attachment of the dispenser chute to the backing panel.

2,104,524
COMBINATION BOOK HOLDER, WRITING AND STUDY BOARD
George J. Porter, Watrous, Pa.
Application July 2, 1936, Serial No. 88,603
1 Claim. (Cl. 248—278)

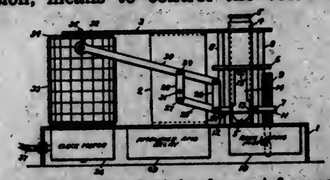


A supporting bracket for an arm to be attached thereto comprising a base, a boss integral therewith, a bore extending through said boss and base, a circular recess in said base in concentric relation to said bore, an annular eye-element, a stem integral therewith and provided with a threaded extension adapted to rotatably fit within said bore, a circular nut seated in said circular recess having threaded engagement with said threaded extension, a pin extending transversely through said nut and threaded extension to prevent disengagement of the same, screw means in engagement with said base and nut to lock said eye-element against rotation and in one of a plurality of pre-determined angular positions relative to said bracket, and an eyebolt adjustably secured to said annular eye-element and to which said arm is attached.

2,104,525
RECORDING APPARATUS FOR BLOOD SEDIMENTATION TESTS
Avenir F. Prochazkalieff, Lansdowne, Pa.
Application April 2, 1937, Serial No. 134,893
4 Claims. (Cl. 234—1.5)

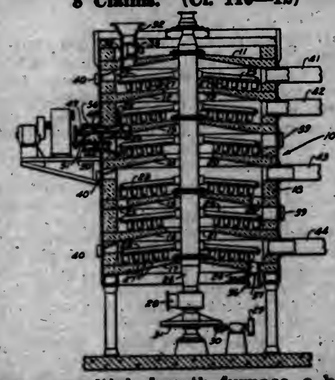
1. A recording apparatus for sedimentation test of liquids containing an opaque matter in suspension, comprising a vessel for the liquid to be tested, means to movably support the vessel, a photoelectric element supported at the side of

the vessel, means to produce a narrow beam of light, means to direct the beam of light through the vessel on the photoelectric element, means to move the vessel in a substantially vertical direction, means to control the vessel moving



means by the photoelectric element for maintaining the line of separation of the opaque matter from the transparent liquid at a substantially constant height, and means to exhibit the relative movement of the line of separation in the vessel.

2,104,526
APPARATUS FOR TREATING MATERIAL INCLUDING SOLIDS AND VAPORIZABLE MATERIAL
William Raisch, New York, N. Y., assignor to Underpinning & Foundation Co., Inc., New York, N. Y., a corporation of New York
Application September 5, 1936, Serial No. 99,628
8 Claims. (Cl. 110—12)

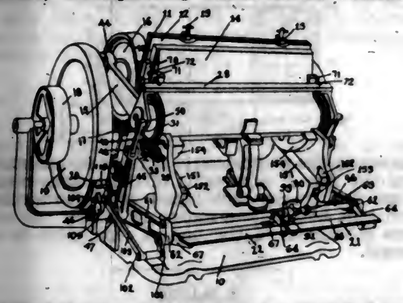


2. In a multiple hearth furnace, a hearth dividing the furnace into an upper drying section and a lower burning section, an outlet for said hearth, a conveyor duct closely connected at one end with said outlet and having at its other end an outlet to discharge material passing to the burning section, a conveyor screw in said duct and means to vary the rate of rotation of said screw to keep the duct full of material.

2,104,527
IMPRESSION CONTROL FOR CUTTING AND CREASING PRESSES
Leonard F. Remington, Franklin, Mass., assignor to Thomson-National Press Co., Franklin, Mass., a corporation of Delaware
Application March 30, 1937, Serial No. 133,839
18 Claims. (Cl. 101—299)

1. In a cutting and creasing press having a rigid bed, a bridge, trunnions projecting therefrom, pitmans connecting the bridge with power means to oscillate the bridge relative to the bed, elements journaled on respective trunnions formed with hubs axially eccentric to the trunnions and constituting journals for respective

pitmans, means for rocking the elements relative to the trunnions to retract the face of the bridge relative to the axes of the hubs, comprising a bell crank swiveled to either side of the press; a pitman swiveled to each bell crank and to a treadle; corresponding rocker levers rotatably



mounted on the press, and having swiveled connections to the respective bell cranks, and the arms of the eccentric elements, whereby the elements will be rocked when the treadle is pressed, and said elements will be retained in impression relation to the bridge when the treadle is in normal position.

2,104,528

METHOD OF PROTECTING STEAM BOILERS AGAINST CAUSTIC EMBRITTLEMENT

Homer H. Richardson, Western Springs, Ill., assignor to National Aluminate Corporation, Chicago, Ill., a corporation of Delaware

No Drawing. Application October 8, 1934, Serial No. 747,400

2 Claims. (Cl. 87—27)

1. The process of preventing the caustic embrittlement of the metal of a steam boiler which comprises initially maintaining and heating therein, while the boiler is still new, water containing a sodium salt of an acid from the group consisting of sulphuric and phosphoric acids in an amount not substantially less than 10 grains thereof per gallon for a time sufficient to produce a film or deposit of said sodium salt in the seams and crevices of the boiler, thereby protecting the same against the effects of high caustic soda concentrations which the boiler might encounter during subsequent operation in service.

2,104,529

COOKY MACHINE

Samuel Rednick, New York, N. Y.

Application December 17, 1936, Serial No. 116,266

8 Claims. (Cl. 107—27)



7. In a machine of the type described, a bed, a trackway extending longitudinally of the bed on each side thereof, a dough hopper, means for supporting said dough hopper on said trackways for movement longitudinally of the bed in either direction, a shaft extending longitudinally of said hopper and having its ends extended beyond the end walls of the hopper, a dough discharging means carried by said shaft, a gear carried by each of the projected ends of said shaft, and means for rotating said gears to effect a rotation of the shaft and dough discharging means upon each movement of the dough hopper longitudinally of the bed, said last mentioned means including a rack bar extending longitudinally of the bed upon each side thereof in position for meshing engagement with the gears carried by the shaft upon which the dough discharging means is mounted.

2,104,530

ELECTRIC FURNACE PROCESS

Gilbert E. Seil, Cynwyd, Pa.

Application November 28, 1936, Serial No. 113,096

5 Claims. (Cl. 75—10)



1. The steps in a process of refining metal material comprising passing into a substantially horizontal hollow electrode of an electric furnace cores of a mixture capable of yielding metal and a metal oxide, meanwhile rotating the electrode.

2,104,531

NONOILY VITREOUS ENAMEL

Frederick Shurley, Salt Lake City, Utah, assignor to Ceramic Machinery Distributors Limited, Windsor, Ontario, Canada, a corporation of Canada

No Drawing. Application Nov. 25, 1935, Serial No. 51,473

7 Claims. (Cl. 106—36.2)

1. A vitreous enamel composition comprising sodium silicate, ethylene glycol, glycerol and corn starch syrups.

2,104,532

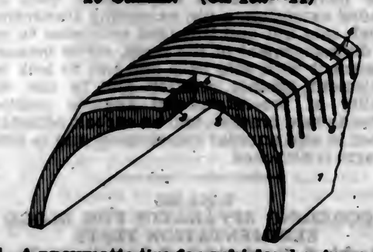
NONSKID TIRE

Robert Sommer, Berlin, Germany, assignor of one-half to Walter S. Bleistein, New York, N. Y., and one-fourth to Bruno Cassalter, Feltre (Belluno), Italy

Application November 3, 1933, Serial No. 696,824

In Germany November 4, 1932

10 Claims. (Cl. 152—14)



1. A pneumatic tire for vehicles, having a tread with alternating substantially radial grooves and ribs parallel to one another, said grooves and ribs extending substantially at right angles to the central plane of the tire, and the relation of groove width to rib width being such that upon the tire rolling under load, the ribs will be deformed so that one edge of a rib closes the adjacent groove and supports the other rib adjacent said groove and the other edge is adapted to cut into the surface on which the tire is rolling.

2,104,533

METHOD AND MEANS FOR CONTROLLING GAS-FILLED TUBES

Leon Ladislaus von Kramolin, Berlin-Wilmersdorf, Germany

Application March 5, 1934, Serial No. 714,036

In Germany March 7, 1933

9 Claims. (Cl. 250—27)



2. An apparatus according to claim 1, in which the two control electrodes are connected with two control circuits carrying alternating currents out of phase with each other, and in which a regulating device affecting both circuits is provided in such a manner that an increase of the control voltage in one of said circuits will be accompanied by a decrease of the voltage in the other circuit, and vice versa.

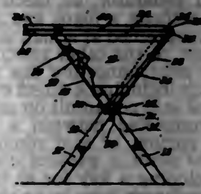
2,104,534

CAMP GRILL

Saul K. Wolff, Long Beach, N. Y.

Application July 20, 1937, Serial No. 154,537

3 Claims. (Cl. 126—30)



1. A camp grill embodying therein two pairs of legs, the legs of each pair being pivotally connected intermediate their ends, side plates carried by the corresponding legs of each pair and extending to adjacent said pivotal connection, whereby when said grill is opened a firebox is formed, an arm pivotally connected with each pair of legs, and a pair of grids pivotally connected with each other and with the free end of said arms, whereby as said arms are shifted from one side to the other of said firebox, the position of said grids will be reversed.

2,104,535

METHOD OF AND PROCESS FOR FORMING PAPER CUPS

Cesare Barbieri, New York, N. Y., assignor to Dixie-Vortex Company, Chicago, Ill., a corporation of Delaware

Application May 9, 1936, Serial No. 78,813

7 Claims. (Cl. 93—36.2)

1. The method of forming a container of thermoplastic treated paper, including forming a blank of said paper into a container having substantially the shape of a true cone, contemporaneously applying heat to the mouth edge of the container and also to the apex thereof, shaping these parts, and removing the heat permit-



ting the thermoplastic to set and maintain the new shapes of the mouth edge and apex.

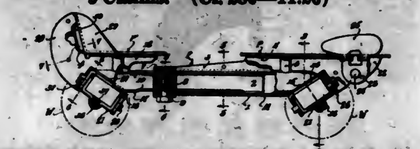
2,104,536

ROLLER SKATE

John S. Coldwell, Milwaukee, Wis., assignor, by mesne assignments, to Globe-Union Inc., Milwaukee, Wis., a corporation of Delaware

Application February 23, 1935, Serial No. 7,812

9 Claims. (Cl. 280—11.26)



1. A roller skate comprising a wheel truck bracket having a body portion and end plates, a split tube having end edges provided with outturned ears engaged with and secured to said body portion and having the upper edges of its split extended and also formed with outturned ears engaged with and fixedly secured to an end plate of said wheel truck bracket.

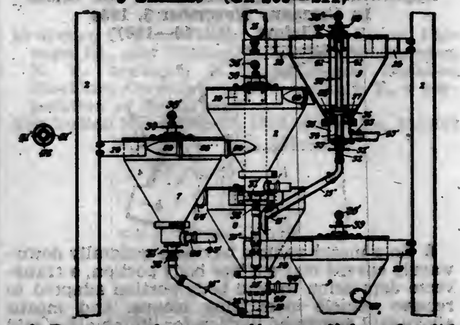
2,104,537

METHOD OF AND MEANS FOR SEPARATING PARTICLES OF SOLID MATERIAL BY FLOTATION

Russell Scott Ellis, Vineland, N. J.

Application February 12, 1937, Serial No. 125,411

9 Claims. (Cl. 209—211)



1. In means for separating particles of solid material by flotation; the combination with a conical separator casing having its apex downward; of an inlet conduit for the material to be separated, extending tangentially into the side of said casing; an inlet conduit for the flotation fluid, extending upward into the bottom of said casing, in coaxial relation therewith and having a circular, horizontally disposed, flotation fluid jet spreader plate at the top thereof; screw means for vertically adjusting said spreader with

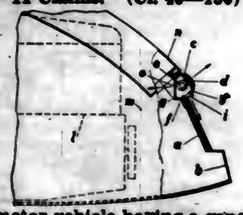
respect to said casing; a second spreader plate, axially opposed to said first plate; screw means for vertically adjusting said second spreader plate with respect to said first plate and thereby varying the area of the fluid passage between them; outlet means at the bottom of said casing, below said first plate; an outlet conduit extending tangentially from the upper part of said casing; means for injecting jets of flotation fluid into said casing from between said plates; whereby, comminuted material, inlet tangentially to said casing, is separated therein, part thereof gravitating to and through said bottom outlet and part thereof being discharged by flotation upwardly to and through said upper outlet.

2,104,538
KNITTED HAIR NET CONSTRUCTION
Henry F. Goldsmith, Longport, N. J.
Application February 23, 1937, Serial No. 127,231
20 Claims. (Cl. 66—171)



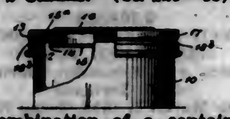
13. A hair net having an open-mesh deformable body formed of generally parallel longitudinal and separate chains of warp-knitted stitches, with each chain interconnected at intervals (spaced longitudinally) with the chain on each side thereof by the thread which forms the knitted loops of the chain;—said open-mesh deformable body being gathered at opposite ends into opposite knot-like formations and being secured in such knot-like formations.

2,104,539
MOTOR CAR
Walter Häcker, Sindelfingen, near Stuttgart, Germany, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany
Application July 8, 1936, Serial No. 89,506
In Germany November 5, 1934
11 Claims. (Cl. 40—130)



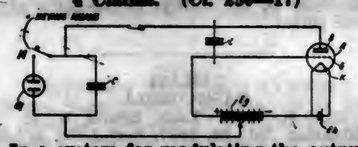
8. In a motor vehicle having a generally downwardly curved rear surface body portion, a transverse depression in said body portion adapted to receive vehicle identifying means, and means above said depressed portion for illuminating said depressed portion and said vehicle identifying means, said illuminating means being so positioned within said body that its outer portion lies approximately flush with the contour of said rear body portion and includes a casing attached to said body portion and lying approximately flush with said body portion, said casing having light openings extending downwardly, inwardly, and rearwardly, and at least one lamp within said casing.

2,104,540
CLOSURE FOR CONTAINERS
Joseph C. Hoffman, Yonkers, N. Y.
Application January 9, 1935, Serial No. 996
2 Claims. (Cl. 229—43)



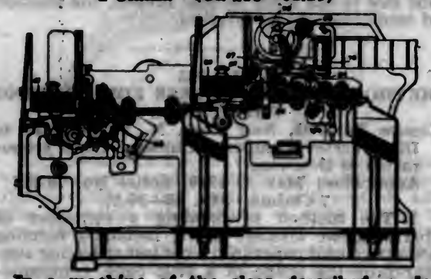
1. The combination of a container of nonmetallic material, a metallic fitting fixed upon said container at one end and projecting over the outer surface thereof in an axial direction, a closure including a continuous flange adapted to project over said container in outwardly spaced relation thereto, and inwardly directed means on said flange bridging the space between the latter and said container and adapted to removably secure said closure on said container.

2,104,541
MODULATION SYSTEM
Hans Erich Hollmann, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application February 1, 1935, Serial No. 4,586
In Germany January 31, 1934
4 Claims. (Cl. 250—17)



3. In a system for modulating the output of a retarding field generator, an electron discharge tube having a cathode, a plate, and an intermediate electrode maintained at a high positive potential with respect to the other electrodes, a resonant network interconnecting the electrodes of said tube, means including a direct current source for maintaining said potentials on said electrodes, a capacitor connected between a tap on said source and a portion of said resonant network leading to said plate, a gaseous discharge tube, and means including a key for at times causing said gaseous discharge tube to be shunted across said capacitor, thereby to modulate the output energy of said generator.

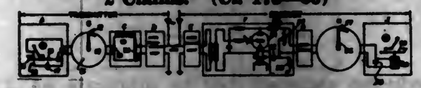
2,104,542
AUTOMATIC PUNCHING MACHINE
Clair D. Lake, Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application October 9, 1934, Serial No. 747,524
1 Claim. (Cl. 235—61.16)



In a machine of the class described, a de-

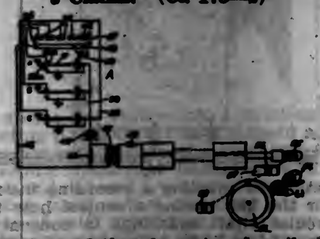
nominational order of an accumulator, a readout device controlled thereby including a plurality of stationary segments, one for each digit and a brush positionable by the accumulator order to contact the segment representing the digit standing in said order, punching mechanism operative to punch in the order 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, means to send an electrical impulse to each segment in succession in said order to cause completion of a circuit for controlling said punching mechanism through the segment at which said brush is positioned, and means for advancing said brush toward zero position after a circuit has been completed therethrough and before an impulse is sent to the next segment.

2,104,543
SIGNALING SYSTEM
Walter S. Lemmon, New York, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application June 16, 1934, Serial No. 730,906
2 Claims. (Cl. 178—23)



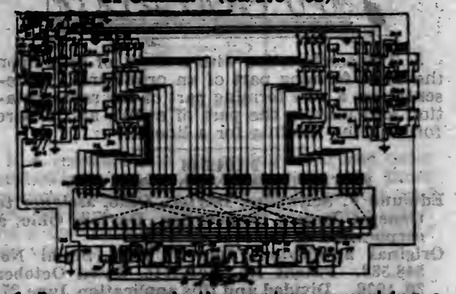
1. A system of the character described comprising, in combination, a transmitting station having means to transmit successive impulses, a receiving station having means to receive said impulses including a thermionic device having an input circuit including a grid element connected to be energized by the last mentioned impulses and an output circuit including an anode element, said output circuit operated each time the grid element is energized, a resistor and condenser connected in series included in the said output circuit, and means to charge the condenser during the intervals when the impulses are not impressed upon the grid element, said condenser adapted to be discharged through the output circuit each time the output circuit is operated by the impulses causing the output circuit to be energized for a timed interval less than the period of energization of the input circuit, a recording device, and a circuit connecting the recording device in shunt to said resistor so as to operate the recording device each time the said output circuit is energized.

2,104,544
IMAGE TRANSMISSION SYSTEM
Walter S. Lemmon, New York, N. Y., and Clyde J. Fitch, Jersey City, N. J., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application March 19, 1935, Serial No. 11,784
8 Claims. (Cl. 178—2)



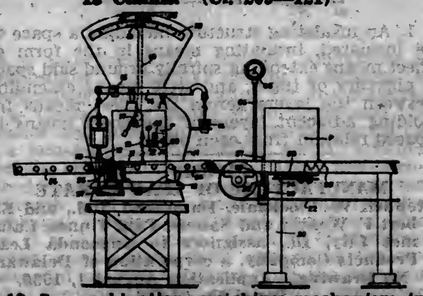
1. A system of the character described, comprising a character transmitting unit including a plurality of operating instrumentalities, means associated with the said instrumentalities adapted to be conditioned and maintain the selection of the selected and operated instrumentality, means controlled by the said conditioned means to initiate character impulses in accordance with the selection, means to transmit the character impulses, means to transmit periodic framing impulses, means to receive the transmitted impulses, a continuously rotating character wheel with character representations disposed thereon, means responsive to the framing impulses and character impulses and cooperating with the said character wheel to produce a frame image and character images respectively, and means whereby said character images are positioned within the said frame image.

2,104,545
COMMUNICATION SYSTEM
Austin E. Noll, New York, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application October 23, 1935, Serial No. 46,278
11 Claims. (Cl. 178—68)



1. In a communication system comprising a plurality of circuits corresponding to predetermined signals, means for transmitting signals consisting of code combinations of impulses of different current values and polarity, means comprising individual relay devices responsive to said current values and polarity of the impulses and means responsive to the different number of impulses included in said code to select circuits corresponding to the transmitted signals from the said plurality of circuits.

2,104,546
CONVEYER SCALE
Lawrence P. Pennell and Walter F. Stone, Chicago, Ill., and William E. Naylor, Binghamton, N. Y., assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application November 27, 1934, Serial No. 754,946
12 Claims. (Cl. 209—121)



12. In combination, weighing mechanism including a platform for receiving articles one at a time to be weighed, a stop for preventing eject movement of the article from the platform, and

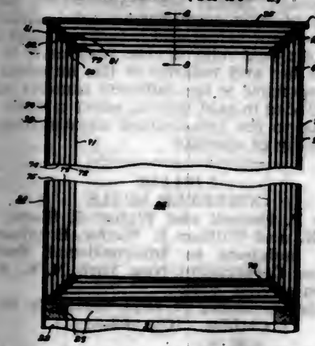
means for releasing said stop comprising an electrical device for removing said stop from the path of eject movement of the article, a circuit for said device, a photo cell for governing operation of the circuit, and a pointer operated by the weighing mechanism for controlling the photo cell according to whether the article is or is not of prescribed weights.

2,104,547
ORNAMENTATION WORK
Joseph G. Perseguiti, New York, N. Y.
Application October 6, 1934, Serial No. 747,123
6 Claims. (Cl. 41—34)



3. The combination with a sheet, of lines upon the sheet forming part of an ornamental representation, a wire forming part of the representation and playing the part of a line, and a wire forming the shading for a line.

2,104,548
REFRIGERATING APPARATUS
Edmund F. Schweller, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Original application July 3, 1931, Serial No. 548,583. Patent No. 2,057,746, dated October 20, 1936. Divided and this application June 27, 1936, Serial No. 87,769
12 Claims. (Cl. 20—4)

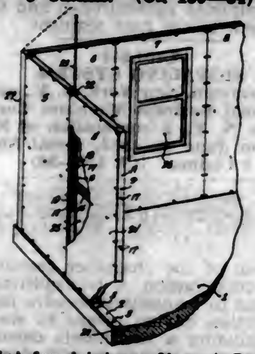


1. An insulating structure including a space to be insulated, insulating means in the form of sheet means extending spirally around said space a plurality of times, and strip means extending between the layers across the sheet means for holding adjacent layers of the sheet means in spaced relation from each other.

2,104,549
MANUFACTURE OF LEAD BORATE
Stephen W. Stockdale, Hammond, Ind., and Elbert F. Weaver and Samuel Paul Tinnes, Calumet City, Ill., assignors to Anaconda Lead Products Company, a corporation of Delaware
No Drawing. Application August 1, 1936, Serial No. 93,816
9 Claims. (Cl. 204—9)

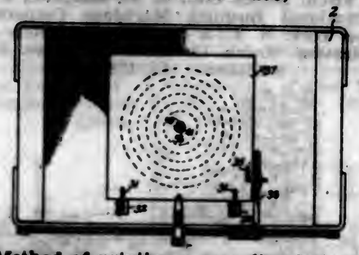
1. The method of producing lead borate which comprises passing an electric current through a cell comprising a lead anode, an anolyte comprising an aqueous solution of sodium chlorate, a diaphragm, a catholyte comprising an aqueous solution of sodium tetraborate, and an insoluble cathode.

2,104,550
PANEL FASTENER
Jesse H. Bates, Wauwatosa, Wis., assignor to Harnischfeger Corporation, Milwaukee, Wis., a corporation of Wisconsin
Application April 12, 1937, Serial No. 136,628
5 Claims. (Cl. 189—34)



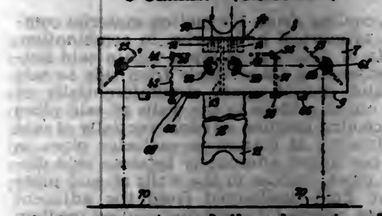
2. A joint for joining adjacent flat box panel units comprising a panel having projecting members along the margin thereof, a second panel having apertures registerable with said projecting members and accommodating the same therein, guiding means within said second panel in alignment with said apertures, an opening in the margin of said second panel for admission of a locking rod, and a locking rod introducible through said opening and passing through said guiding means and engaging said protruding members in the interior of said second panel.

2,104,551
METHOD OF AND APPARATUS FOR PRINTING INSTRUMENT CHARTS OR THE LIKE
Arthur G. Beal and Bernard Holmberg, Foxboro, Mass., assignors to The Foxboro Company, Foxboro, Mass., a corporation of Massachusetts
Application February 7, 1936, Serial No. 62,846
5 Claims. (Cl. 101—236)



1. Method of printing a recording instrument chart or the like having a central hole therein and circular chart markings in concentric relation to said hole on both sides of said chart, which includes the steps of printing chart markings concentric with said hole on one side of a chart blank, moving said blank toward printing position with its opposite side exposed to receive concentric chart markings, said blank being then positioned to bring said chart markings to be printed on said opposite side only approximately concentric with said hole, and applying a blank adjusting device to edge portions of said hole to move said blank into the position where said opposite side thereof will receive said chart markings concentric with said hole.

2,104,553
OPTOMETRIC APPARATUS
Willis B. Blee, Rockville Centre, and Benjamin W. Kelly, New York, N. Y.
Application May 5, 1936, Serial No. 77,908
8 Claims. (Cl. 88—29)



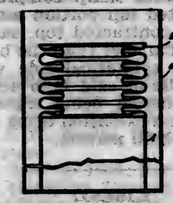
1. An apparatus of the character described comprising a closed box, an observation unit therein having eye openings through which a person may look from the front of the box, a corneal reflection tube in each of said openings, a hood in front of the box for enclosing the eyes of a person looking through the eye openings, means for adjusting the interpupillary distance between the corneal tubes to accord with the interpupillary distance of the eyes of the said person, an electric lamp in each of said tubes and an opening in the back of the box for affording natural direct observation of the said person's eyes and the corneal reflexes therein while the person is looking through the said openings.

2,104,552
MEANS FOR REGISTERING PRINTING PLATES
Leslie W. Claybourn, Milwaukee, Wis., assignor to C. E. Cottrell & Sons Company, Westerly, R. I., a corporation of Delaware
Application April 22, 1935, Serial No. 17,673
21 Claims. (Cl. 33—184.5)



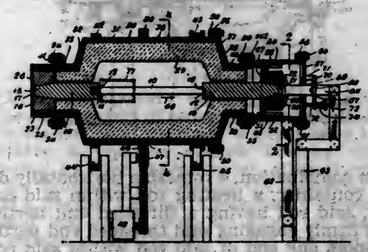
1. In means for registering a printing plate on a printing plate supporting surface of a printing press, the combination of a cross bar, releasable attaching means for releasably attaching the respective ends of said cross bar to the frame of the printing press so that said cross bar extends cross-wise of said supporting surface, an indicator frame pivoted bodily about the axis of said cross bar so as to overhang said supporting surface bracketwise and arranged to be oscillated bodily on its pivot toward and from said supporting surface, said indicator frame provided with an indicator for registering the printing plate, and a stop at said cross bar acting at the pivotal end of said indicator frame to stop pivotal movement of said indicator frame toward said supporting surface whereby to position said indicator frame in operative position spaced substantially the thickness of the printing plate from said printing plate supporting surface and thereby placing the indicator on said indicator frame in indicating relation with said printing plate.

2,104,554
LINE RESONATOR
James W. Conklin, Rocky Point, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application September 21, 1935, Serial No. 41,579
8 Claims. (Cl. 178—44)



1. A resonant line comprising inner and outer substantially concentric conductors, said inner conductor comprising overlapping movable and fixed portions electrically coupled to each other, and a flexible connection electrically connecting said portions together.

2,104,555
ELECTRICAL FURNACE
Blaise Cousteix, Boulogne sur Seine, France, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France
Application January 13, 1936, Serial No. 58,890
In France January 16, 1935
8 Claims. (Cl. 13—21)



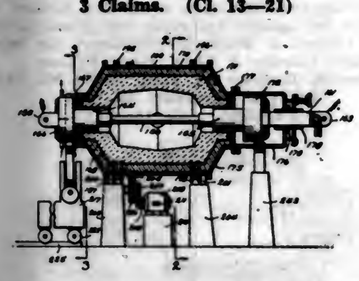
3. A rotary electrical furnace, comprising a substantially horizontal heating resistance, a substantially horizontal casing for the material to be treated, said casing surrounding said resistance and comprising an envelope consisting of a non-magnetic conducting metal, another metallic envelope surrounding the first-mentioned envelope and conductively connected therewith, and means interconnecting the two envelopes; means conductively connecting one end of said resistance to a source of electrical energy, means conductively connecting the opposite end of said resistance with the adjacent end of the casing, means conductively connecting the other end of the casing with said source of electrical energy, and insulated means engaging said casing for rotating it around said resistance.

2,104,556
INCANDESCENT LAMP
Daniel P. Gallagher, Hoboken, N. J.
Application January 3, 1936, Serial No. 57,339
2 Claims. (Cl. 176—16)



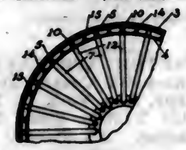
1. An incandescent lamp comprising a bulb having a contracted top portion and an extension closing said contracted top, said extension being of smaller diameter than the bulb, said extension having a cylindrical side wall and an end wall, the walls of said bulb and said contracted portion thereof being translucent, and the side wall of said extension being clear, a filament within said bulb portion.

2,104,557
ELECTRICAL HEATING MEANS
Henri George, Paris, and Gaston Delpech, Clamart, France, assignors to Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France
Original application January 27, 1934, Serial No. 708,618. Divided and this application May 16, 1936, Serial No. 80,052. In France January 30, 1933
3 Claims. (Cl. 13—21)



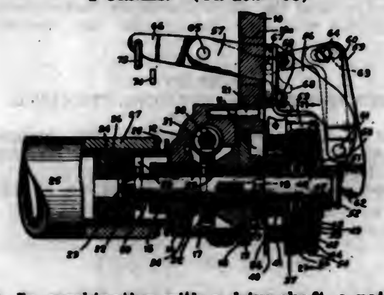
3. In combination, a rotatable horizontally disposed container, a heating rod within said container, said rod having a threaded end portion, means firmly engaging said threaded end portion to support one end of said rod within said container, said means extending through an opening formed in said container and constituting a closure for said opening, a terminal adapted to be connected to a source of electrical energy and connected with said means, a carriage supporting said means, means for adjusting the height of said carriage, means freely supporting the other end of said rod within said container, another terminal adapted to be connected to the source of electrical energy and connected with the third-mentioned means, means rotatable along with said container and supporting the third-mentioned means, the fourth-mentioned means being movable relatively to the third-mentioned means, and resilient means carried by the fourth-mentioned means and pressing the third-mentioned means against said other end of the heating rod.

2,104,558
COOLING DRUM
Max Marc Guggenheim, Saginaw, Mich., assignor to Baker Perkins Company, Inc., Saginaw, Mich., a corporation of New York
Application January 20, 1936, Serial No. 59,894
5 Claims. (Cl. 257—95)



1. In a cooling drum for molten material comprising a cylindrical hollow rim, in combination, a plurality of distributing pipes within said hollow rim extending transversely from side to side thereof and spaced apart circumferentially of said rim, outlet orifices in the walls of said pipes to direct cooling medium circumferentially of said rim, a plurality of transverse collector pipes in said rim positioned alternately between said distributing pipes, orifices in the walls of said pipes to receive fluid discharged from the adjacent outlet pipes, means for supplying cooling medium to said distributing pipes, and means for withdrawing spent cooling medium from said collector pipes.

2,104,559
CLUTCH MECHANISM FOR TYPEWRITING MACHINES
James L. Hillis, Rochester, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application September 19, 1936, Serial No. 101,531
4 Claims. (Cl. 192—68)



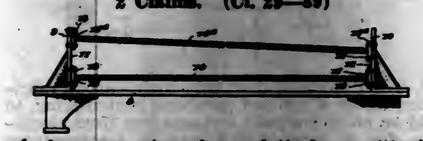
1. In combination with a drive shaft, a pair of driven elements on said shaft, a driving element on said shaft between said elements, means to key said driving element to said shaft adapted to permit movement of the driving element relative to said shaft, means to interconnect said driven elements whereby the latter rotate in unison, said interconnecting means permitting one of the driven elements to move toward the other axially of the shaft and during the course of said movement engage the driving element and force the latter into engagement with the second driven element, a sleeve for slidably mounting one of the driven elements on said shaft, said sleeve having a shoulder engaging a shoulder in the driven element mounted on said sleeve, resilient means for holding said shoulders in engagement, said resilient means being operative to permit the shoulders to disengage when one of the driven elements is moved toward the other to engage the driving element, and means for moving one of said driven elements toward the other.

2,104,560
HEALTH BELT
Lillian Horowitz, New York, N. Y.
Application January 14, 1937, Serial No. 120,521
1 Claim. (Cl. 2—236)



In combination with a garment of the type supported from the waist, a pad adapted to be positioned across the back of the garment, inside of the waist band, with the ends extending substantially to the hips; said pad comprising strands of horse hair longitudinally positioned therein, and containing a sufficient quantity of said horse hair to form a cushion, and layers of waterproof material on each side of the said horse hair cushion with the edges thereof suitably bound.

2,104,561
SUPPORTING APPARATUS FOR WELDING OPERATION
Grover A. Hughes, Youngstown, Ohio, assignor to Truscon Steel Company, Youngstown, Ohio, a corporation of Michigan
Application March 9, 1936, Serial No. 67,953
2 Claims. (Cl. 29—89)



1. An apparatus for relatively positioning spaced flanges and a rod extending between them and fixing the angles which the flanges and rod bear to one another, the said apparatus comprising a base, spaced supports upstanding rigidly from the base and having inner faces of extensively greater area than the area of the flanges, the said supports being fixed at a definite angle to each other, and a plurality of spaced holding devices mounted in fixed spaced relation upon the inner face of each of the supports for holding the flanges with their faces parallel to the respective inner faces of the supports and thereby fixing the angle that the flanges bear to each other, each holding device upon one of the supports being arranged to cooperate with a holding device upon the other support for fixing the angular relation between the flanges and the rod, and the holding devices being so spaced upon the supports that cooperating holding devices will hold flanges at an angle to a rod supported between them that is different from the angles between a rod and flanges supported between other cooperating holding devices.

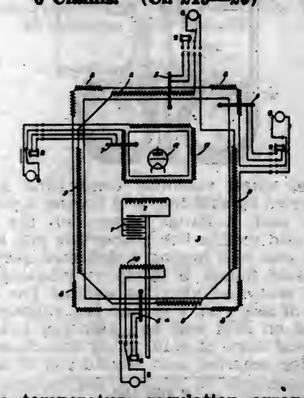
2,104,562
LOCKING CATCH
Fritz R. Johnson, Providence, R. I., assignor to Hingeco Vanities Inc., Providence, R. I., a corporation of Rhode Island
Application January 30, 1937, Serial No. 123,306
11 Claims. (Cl. 292—228)

8. A mounting arrangement for a fastener adapted for attachment to a receptacle wall having a pair of outwardly directed prongs, including an element having slidable association with said prongs in one direction, a second element for attachment to said first element including a portion having engagement with said prongs when said first element is associated with the prongs, and means for securing said elements after said first element has been positioned in



association with said prongs, said securing means causing lateral displacement of said first element towards said second element whereby the first element is positively seated between said prongs and said wall and said second element portion engages said prongs to prevent removal of the fastener.

2,104,563
TEMPERATURE REGULATION
Georg Kuribaum, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application May 7, 1934, Serial No. 724,267
In Germany June 14, 1933
6 Claims. (Cl. 219—20)



1. In a temperature regulation arrangement for the stabilization of temperature within a box-like container, a plurality of contact type thermometers, a separate electric heating circuit controlled by each thermometer, at least one of said thermometers controlling the electrical circuit of a heating element substantially surrounding said box and a separate group of heating coils located at each corner of said box-like container having its electrical circuit controlled by at least one other of said contact type thermometers.

2,104,564
PROCESS FOR THE SIMULTANEOUS PRODUCTION OF IRON AND PORTLAND CEMENT IN A BLAST FURNACE
Wilhelm Lennings, Oberhausen, and Ernst Karwat, Grosshesselohe, near Munich, Germany, assignors, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application March 27, 1935, Serial No. 13,226. In Germany March 28, 1934
8 Claims. (Cl. 75—30)

8. Process for producing, in a blast furnace, pig iron together with a slag having the composi-

tion of Portland cement, wherein the charge is enriched with lime and the furnace blast is enriched with oxygen, characterized in that the oxygen concentration of the blast is kept above 30%, and the weight of slag is kept smaller than the produced weight of pig iron by using iron ores containing at least six times as much iron as silica, and the volume of coke in the charge and the temperature and oxygen concentration of the blast are so regulated that the slag, upon tapping, contains at least 1% calcium carbide, whereby free flow of the charge through the furnace is promoted.

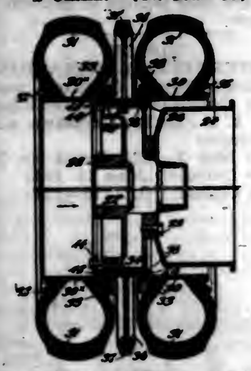
2,104,565

SAFETY ATTACHMENT FOR TRUCK WHEELS

Herbert V. Ludwick, Dearborn, Mich.

Application November 22, 1934, Serial No. 754,206

1 Claim. (Cl. 301—39)



A dual wheel assembly comprising a hub, a felly carried by said hub and having a peripheral annular seat, a flange formed on the inboard side of said seat, a tire supporting rim mounted on said seat and having a deflected portion engaging said flange, a safety attachment carried by said seat and abutting against the inclined portion of said rim, a second tire supporting rim mounted on said seat and abutting against the juxtaposed edge of said safety attachment, and means for securing said second rim to said hub.

2,104,566

ELECTRON TUBE

Ieury G. Maleff, Philadelphia, Pa., assignor to Radio Corporation of America, a corporation of Delaware

Application March 21, 1934, Serial No. 716,684

10 Claims. (Cl. 250—27.5)



1. An electron tube comprising a source of cathode rays, a fluorescent screen upon which the cathode rays impinge to produce luminous effects, an apertured shield electrode interposed between the source of electrons and the screen to control the bounding area of the electron beam in its path from the source to the screen, a control element connected with the shield electrode and dividing the aperture in the shield electrode into two substantially equal portions, said control element being adapted to receive varying voltage to vary the electron density within the central section of the electron beam to control thereby the intensity of the luminous effect produced.

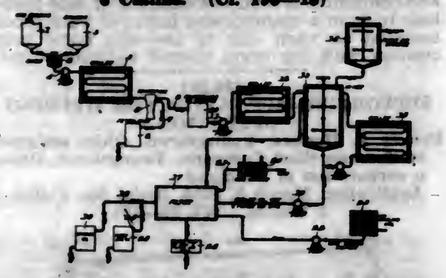
2,104,567

TREATING HYDROCARBON OIL

Robert E. Manley, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application June 27, 1936, Serial No. 486,231

6 Claims. (Cl. 196—18)



3. The process of dewaxing hydrocarbon lubricating oil by a method involving centrifuging, to yield an oil of low pour test and free from cloudiness due to precipitated wax at temperatures substantially above the temperature at which the oil will pour, which comprises chilling the oil to a temperature at which precipitation of the wax constituents occurs, centrifuging the chilled oil whereby the bulk of the wax constituents are separated from the oil, then subjecting the chilled partially dewaxed oil to filtration in the presence of a filter-aid material, whereby the comparatively small quantity of wax remaining in the oil after centrifuging is removed.

2,104,568

LOOSE LEAF BINDER

Arthur W. McClure, Syracuse, N. Y., assignor to McMillan Book Company, Syracuse, N. Y., a corporation of New York

Application May 25, 1933, Serial No. 672,844

6 Claims. (Cl. 129—23)



1. In a loose leaf binder, a latch bar, holding means including a spring for yieldingly maintaining said bar in the latching position, a latch slide mounted adjacent said bar, and coacting means

associated with the bar and slide comprising a pin and cam slot adapted to cause said bar to be moved out of the latching position against the action of the spring by the movement of the slide.

2. In a loose leaf binder comprising a back member, upper and lower covers hinged to the back member, a plurality of impaling posts adapted to retain a quantity of paper, said impaling posts being normally secured to the back member at both ends, means for releasing one end of each of the impaling posts from the back member whereby one cover and the back member may be thrown back to enable insertion and removal of sheets of paper, means carried by the back member and engageable with the side edges of the paper for aligning the posts as the cover and back are brought toward closing position, and means for automatically engaging the posts to the back member when the cover is closed.

2,104,569

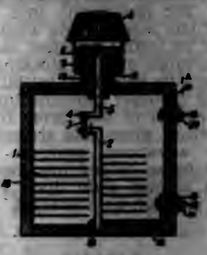
VARIABLE MECHANICAL MEANS FOR AN OSCILLATION CIRCUIT

Herbert Muth, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application November 21, 1934, Serial No. 754,187

In Germany November 9, 1933

3 Claims. (Cl. 175—41.5)



1. A variable condenser whose capacity is varied from the outside comprising a metallic casing, fixed and movable electrode members within said casing, a shaft secured to said movable electrode members, a shaft passing through an external bushing on said casing, a crank arrangement within said casing and coupled between said first and second mentioned shafts, an operating knob secured to said second shaft, said external bushing having a screw thread located thereon, said operating knob having a depending threaded member cooperating with the thread on said external bushing for rotating said movable electrode members with respect to said fixed electrode members.

2,104,570

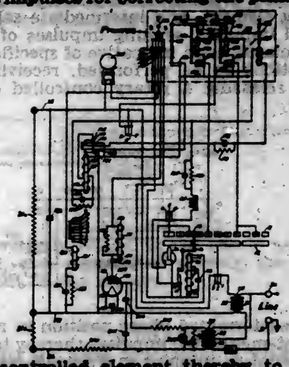
SYNCHRONOUS COMMUNICATION SYSTEM

Harry J. Nichols, Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application May 22, 1933, Serial No. 672,161

64 Claims. (Cl. 178—23)

1. A system for synchronizing remotely situated periodic elements, which comprises instrumentalities for producing timed single impulses of definite periodicity, and means whereby said timed impulses are utilized to release the controlled element from a definite phase position thereby to establish synchronism with the periodic impulses, and corrector means actuated by the periodic impulses for correcting the phase position



of the controlled element thereby to maintain synchronism.

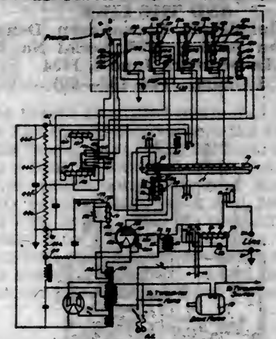
2,104,571

COMMUNICATION SYSTEM

Harry J. Nichols, Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application January 29, 1934, Serial No. 708,767

18 Claims. (Cl. 178—23)



15. In printer key boards, in combination, a plurality of printer actuating levers, auxiliary switching means operable upon the depression of any one of the actuating levers, lever latch means adapted to latch down a depressed actuating lever and simultaneously to latch up the other actuating levers, electromagnetic latch operating means, relay control means for said latch operating means, and electrical connections between said auxiliary switching means, said latch operating means and said relay control means, the electrical connections being adapted to cause said latch operating means to be energized upon operation of the auxiliary switching means, and to be de-energized upon operation of the relay control means.

2,104,572

SYNCHRONOUS COMMUNICATION SYSTEM

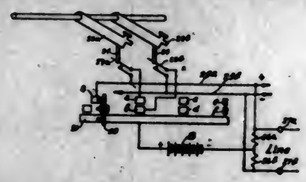
Harry J. Nichols and Henry L. Theisdrup, Dayton, Ohio, assignors, by direct and mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application August 7, 1934, Serial No. 739,838

25 Claims. (Cl. 178—23)

1. In a synchronous printing telegraph system, the method of signalling which consists in the

steps of sending impulses of uniform polarity indicative of a predetermined phase position of a controlling element, and intermediate said first-mentioned impulses, sending impulses of one or another polarity each indicative of specific printing operations to be performed, receiving said impulses, releasing a rotary controlled element



from a predetermined phase position in response to said first-mentioned impulses thereby to establish synchronism, utilizing said second-mentioned impulses to perform specific printing operations in accordance with the characteristics of said impulses, and controlling the phase position of said controlled element responsively to said first-mentioned impulses to maintain synchronism.

2,104,573

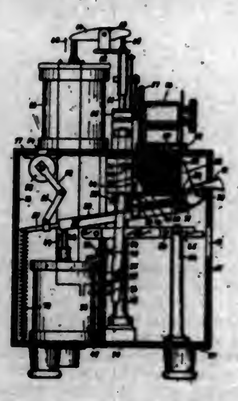
APPARATUS FOR STAMPING OF TICKETS AND THE LIKE

Hans Reinhaldtsen, Copenhagen, Denmark

Application June 8, 1935, Serial No. 25,661

In Denmark June 8, 1934

1 Claim. (Cl. 101—69)



A device for the stamping of tickets and the like, comprising means forming a plurality of slot-like apertures, each of said apertures corresponding to a certain price class, a printing block in each of said apertures, a printing pad situated opposite said block, an arm adapted to be moved by the insertion of a ticket, means for closing an electrical circuit upon the movement of said arm, means actuated by the last-mentioned means for moving said printing pad toward said printing block to stamp a ticket introduced between said pad and said printing block, a horizontal bar carrying said arm, flaps carried by said arm and having incisions formed therein to catch the front edge of the ticket during the stamping, and fixed stops preventing the ticket from moving said arm upon return of said pad to the normal position.

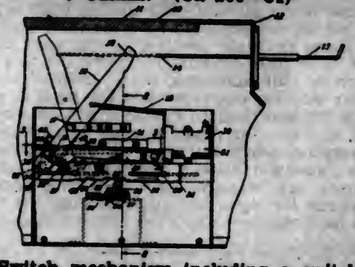
2,104,574

GAME APPARATUS

David C. Rockola, Chicago, Ill., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill., a corporation of Delaware

Application December 12, 1935, Serial No. 54,238

8 Claims. (Cl. 200—34)



2. Switch mechanism including a switch, an operating pawl therefor, an actuating slide, a lever pivotable from an initial to an advanced position by said slide, a second and reciprocable slide movable by said lever from an initial to an advanced position for operative engagement with said pawl, said slide being adapted to drive said pawl upon return movement to initial position and thereby actuate said switch, means normally urging said second slide into initial position, together with latch means including a stop member released for movement into block return movement of the second slide when said lever is moved out of its initial position, said stop member being movable out of blocking position by said lever upon its return to initial position, and a second stop member movable into position to prevent the return of said lever from advanced to initial position when said second slide is in a substantially advanced position, said second stop member being moved into ineffective position by said second slide upon return to the latter initial position as aforesaid.

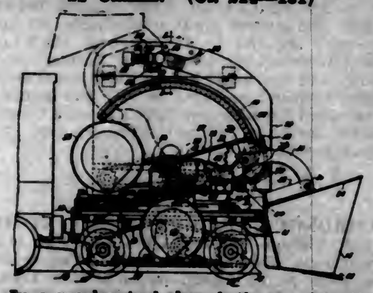
2,104,575

MECHANICAL SHOVELING MACHINE

Charles E. Stoltz, Chicago, Ill., assignor to Mancha Storage Battery Locomotive Company, Chicago, Ill., a corporation of Illinois

Application August 6, 1936, Serial No. 94,552

11 Claims. (Cl. 214—131)



1. In a mechanical shovel, the combination of a frame, a beam horizontally pivoted on said frame, a scoop pivoted on said beam, and means for controlling movement of said scoop upon swinging movement of said beam and pivotally moving the forward end of said scoop forwardly and upwardly with respect to said frame and supporting said scoop in a loaded condition as it moves rearwardly over the top of said frame to a discharge point beyond the rear end of said frame including a guide cam extending along said frame, and a controlling arm rigid with respect to said scoop and having a free end extending rearwardly from the side of said scoop which is pivotally connected to said beam, said arm being adapted to have slidable engagement with said cam at a point spaced from said scoop for pivotally moving said scoop in an upward direction and supporting said scoop in a loaded position during movement over the top of said frame.

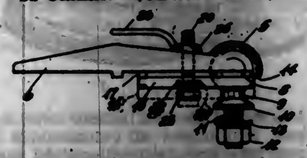
2,104,576

TRAILER COUPLING

Frank Zagelmeyer, Bay City, Mich., assignor to Zagelmeyer Auto Camp Company, Bay City, Mich., a corporation of Michigan

Continuation of application Serial No. 697,547, November 11, 1933. This application January 12, 1935, Serial No. 1,523

11 Claims. (Cl. 280—33.15)



1. A trailer coupling of the class described and comprising a two-part socket member, a ball member journaled therein, a bolt for securing the parts in assembled relation, a toothed nut on the bolt, and a pivotally mounted resilient clip mounted on the socket member and shaped to simultaneously engage the teeth and bottom face of the nut for preventing the unscrewing thereof or the accidental displacement of the clip.

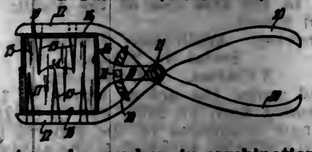
2,104,577

ICE CUBE CRUSHER

Alois Adamczyk, Bethlehem, Pa.

Application June 11, 1937, Serial No. 147,657

1 Claim. (Cl. 83—63)



In an ice cube crusher, in combination, a pair of pivoted arms forming a handle, ends on the arms constituting crushing jaws, a cup between the jaws having side openings therein, an extension on the cup attached to the pivotal connection of said arms, a spring for normally retaining said jaws open, a pin connecting said extension with the mid-section of said spring whereby the cup is maintained centrally between said jaws, ice picks on the opposing faces of the jaws arranged to pass through the cup openings to crush an ice cube in the cup and one side of the cup being open for reception and discharge of ice.

2,104,578

FLAT SHEET DELIVERY FOR WEB PRINTING ROTARY PRESSES

Howard M. Barber, Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I., a corporation of Delaware

Application May 20, 1936, Serial No. 80,667

6 Claims. (Cl. 271—79)

1. In a sheet delivery mechanism for printing presses, means for advancing the sheets, means for releasing the sheets at their delivery point, coacting rotary and oscillating nippers for depressing the tail ends of the sheets and there-



after positively retarding the sheets as they are released, and means for varying the speed of movement of the nippers.

2,104,579

METHOD OF AND APPARATUS FOR MINING COAL AND THE LIKE

George L. Bennett, Terre Haute, Ind.

Application April 17, 1935, Serial No. 16,792

16 Claims. (Cl. 262—4)



1. The herein described method of mining coal and the like embodying therein the steps of boring a hole into a seam of the material to be mined, forming a narrow counterbore at the end of said bore, said counterbore being of a diameter substantially equal to the width and height of the mass of coal to be removed, plugging the outer end of said bore, and delivering fluid under pressure through said bore to said counterbore, whereby the expansive force of said fluid pressure will separate the material from the seam.

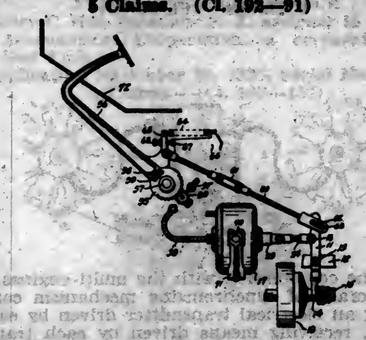
2,104,580

MOTOR VEHICLE CONTROL MECHANISM

Charles A. Brewer, Newtown Heights, Conn., assignor of one-half to Philip J. Kury, Arverne, N. Y.

Application November 9, 1929, Serial No. 406,619

5 Claims. (Cl. 192—91)



1. In a control mechanism for motor vehicles, a fluid operated power device including a movable element connected to the control mechanism

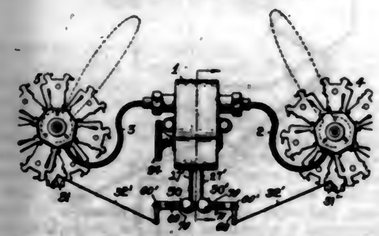
for operating it, a connection from the space at one side of said element to a source of suction, a separate connection from said space to the atmosphere, a control valve means comprising a rotary member having a passage for controlling each of said connections, said passages being tapered in opposite directions and arranged so that as the member rotates to gradually open one connection it simultaneously gradually closes the other, and manual means for operating said rotary member.

2,104,581
REPEATING FIREARM
Val A. Browning, Liege, Belgium, assignor to J. M. and M. S. Browning Company, Ogden, Utah, a corporation of Utah
Original application May 3, 1933, Serial No. 669,184. Divided and this application May 21, 1934, Serial No. 726,675
3 Claims. (Cl. 42—25)



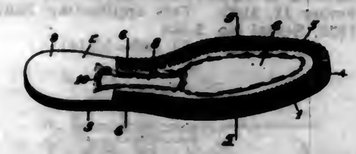
1. In a firearm of the character described, a barrel having a barrel extension mounted for reciprocation, a breech bolt cooperating therewith, an extractor on said breech bolt, and an ejector on said barrel extension adapted to cooperate with said extractor to eject a cartridge from the barrel extension, said ejector having limited lengthwise movement with respect to said barrel extension, a flexible portion on the ejector frictionally engaged with said barrel extension to retard said lengthwise movement, the frictional drag between said barrel extension and ejector being such that the ejector will engage and eject a cartridge before the ejector is moved to its rearmost position with respect to the barrel extension and as soon as the forward end of the cartridge clears the firing chamber.

2,104,582
AIRPLANE ENGINE SYNCHRONIZER
Bert G. Carlson, Queens Village, N. Y., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y., a corporation of New York
Application October 19, 1933, Serial No. 694,382
6 Claims. (Cl. 60—97)



1. The combination with the multi-engines of an aircraft, of synchronizing mechanism comprising an electrical transmitter driven by each engine, receiving means driven by each transmitter, differential means actuated by said receiving means, motion transmitting means, a plurality of engine throttles differentially actuated from said differential means through said motion transmitting means to speed up a slower and retard a faster engine and means providing for simultaneous manual operation of said engine throttles, said synchronizing mechanism serving, upon the manual operation of any one of said throttles, to effect a corresponding operation of the remaining throttles.

2,104,583
RUBBER SOLE
Charles Leo Daly, Belmont, Mass., assignor to Daly Bros. Shoe Company, Inc., Boston, Mass., a corporation of Massachusetts
Application August 23, 1934, Serial No. 741,101
2 Claims. (Cl. 36—32)



2. A laminated molded rubber sole, consisting of at least two layers of vulcanizable material of different characteristic vulcanized together to present at their zone of juncture a sharp, regular, well defined line of demarcation, a portion of the marginal area of the sole being of greater thickness than the area included by said marginal area, the included area being of different thickness in different areas thereof, and one of the thinner regions of said included area constituting a pocket for a stiffener element.

2,104,584
DOUBLE SALTS OF COPPER ARSENITE AND A COPPER SALT OF A HIGHER UNSATURATED FATTY ACID
Frederick E. Dearborn, Washington, D. C., dedicated to the free use of the Public in the United States
No Drawing. Application October 15, 1934, Serial No. 748,265
3 Claims. (Cl. 260—12)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A new compound of the general formula $3CuAs_2O_4.CuOR$, in which R is the anhydride of linolic acid.

2,104,585
CONSTRUCTION BLOCK
Alden B. Dow and Robert Goodall, Midland, Mich.; said Goodall assignor to said Dow
Application November 21, 1935, Serial No. 50,847
4 Claims. (Cl. 72—41)

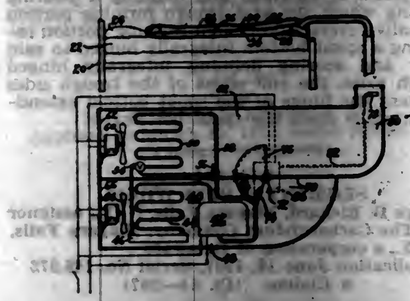


1. A wall structure having broken vertical joints comprising successive horizontal courses of blocks, the bases of said blocks being congruent, oblique parallelograms which have supplementary angles of substantially 45° and 135° and a ratio between the altitude of either of said parallelograms to the length of the longer side thereof of approximately 1 to 2, said blocks being arranged in each course so that the acute angles of the bases of a block lie adjacent the obtuse angles of the bases of each of the adjacent blocks in the same horizontal course, said acute angles being also in superimposed relationship to the obtuse angles of the bases of blocks in the course immediately therebelow, whereby the wall structure presents on each side the appearance of having unbroken vertical joints.

2,104,586
METHOD OF FINGERPRINTING
Mendel E. Frendenheim, New York, N. Y., assignor to Louis Rubin, New York, N. Y.
No Drawing. Application April 9, 1937, Serial No. 135,911
3 Claims. (Cl. 41—41)

3. A method of fingerprinting which consists in applying to a sheet of porous paper or the like an invisible film of iron soap by a finger impression, the iron soap being capable of development into a visible compound and then applying a tannic acid developing solution to the underside of the paper where the impression is located.

2,104,587
REFRIGERATING APPARATUS
Richard S. Gaugler, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application March 30, 1935, Serial No. 13,831
4 Claims. (Cl. 257—3)



1. A temperature regulating means including a refrigerating system comprising liquefying means for dissipating heat and an evaporating means for absorbing heat, means operable coincidentally with said refrigerating system for circulating a fluid separately into heat exchange relation with said liquefying means and said evaporating means to provide heated and cooled fluid, a discharge duct means, a waste discharge, and mixing means for conducting any desired mixture of said heated and cooled fluid to said discharge duct and for conducting the remainder of the circulated fluid to said waste discharge to prevent the obstructing of the circulation of said fluid.

2,104,588
CASH REGISTER
Charles W. Green, Ilion, N. Y., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Application September 19, 1931, Serial No. 563,757
21 Claims. (Cl. 235—130)

21. In a cash register, a totalizer, a resetting lever and a printer for the totalizer, a lock for limiting movement of the lever, means on the lever for setting the lock in effective position, and means operated by the printer, after the lock



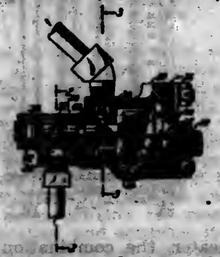
has been set, for moving the lock to an ineffective position.

2,104,589
REFRIGERATING APPARATUS
Frank W. Hartman, Detroit, Mich.
Application February 23, 1934, Serial No. 712,633
11 Claims. (Cl. 128—191)



1. Oxygen administering apparatus including a tent for enclosing at least the head of the patient, a closed evaporating member in heat exchange relation with the atmosphere in the tent and means for circulating the atmosphere within the tent over the closed evaporating member, a refrigerant liquefying apparatus separate from the tent, flexible tubular connections connecting the refrigerant liquefying apparatus with the closed evaporating member for supplying liquid refrigerant to and for withdrawing evaporated refrigerant from the closed evaporating member to cool the circulating atmosphere within the tent, and means for supplying oxygen to the tent.

2,104,590
FLUID METERING DEVICE
Henry C. Hill, Paterson, N. J., assignor to Wright Aeronautical Corporation, a corporation of New York
Application November 29, 1935, Serial No. 52,043
6 Claims. (Cl. 103—157)



1. A metering pump including a closed end cylinder having axially spaced inlet and delivery

ports, a plunger having valving openings cooperating with said ports and communicating with said closed end, and means to rotate and reciprocate said plunger said plunger including a head having an oblique face, and a radially adjustable abutment engaged with said face.

2,104,591
RAILWAY TRACK CIRCUIT APPARATUS
Paul N. Martin, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application May 31, 1933, Serial No. 673,605
18 Claims. (Cl. 246—41)



11. In combination with a section of railway track and a source of current connected across the rails of said section, a primary relay and a secondary relay, a pickup circuit for said primary relay connected across the rails of said section and including a back contact of said secondary relay as well as the entire operating winding of the primary relay, a constantly closed shunt path around said back contact and a portion of said operating winding and including an impedance whereby a holding circuit for said primary relay becomes effective when said secondary relay is energized and said back contact is open, said holding circuit excluding said winding portion and including said impedance, and a circuit for energizing said secondary relay including a front contact of said primary relay.

2,104,592
HEATER
John Jungers, Grafton, Wis., assignor to Jungers Stove and Range Company, Grafton, Wis., a corporation of Wisconsin
Application November 1, 1935, Serial No. 47,880
8 Claims. (Cl. 126—93)



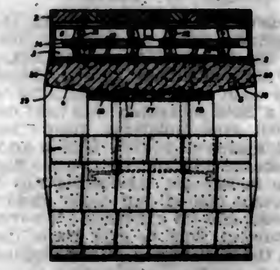
2. In a heater, the combination of a casing having a top wall, a liquid fuel burner in said casing, and an air pipe extending downwardly from said top wall to be heated by gases of combustion in said casing and having its lower end adjacent the level of the burner and spaced laterally of the burner for supplying preheated combustion air to the burner to avoid cooling of the burner notwithstanding variable draft conditions.

2,104,593
RECEPTACLE CLOSURE
Charles G. Nathe, Jr., St. Cloud, Minn.
Application May 7, 1932, Serial No. 609,966
17 Claims. (Cl. 215—5)



17. A receptacle cover formed of a sheet of cleavage material having scoring extending inwardly from its outer face to the plane of cleavage and defining a trough forming portion capable of being split from the cover, and having additional scoring extending from its inner face to said plane of cleavage and defining a pouring opening which the said trough forming portion normally covers, said trough forming portion including a spout bottom integrally hinged to said cover and scoring defining integrally hinged trough sides, the end edges of the trough sides adjacent the hinge of the spout bottom extending laterally from the spout bottom.

2,104,594
SEGMENTAL PULP WHEEL
George B. Rickard, Niagara Falls, N. Y., assignor to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
Application June 18, 1937, Serial No. 148,972
6 Claims. (Cl. 51—207)



1. In a segmental abrasive wheel means for clamping the abrasive segments to a rotatable support, said means comprising for each segment a clamping member in contact with one or more shoulders of said abrasive segment, a second clamping member in contact with one or more shoulders in a recess in the adjacent portion of the rotatable support, manually operable means for drawing said two clamping members toward each other to clamp the abrasive segment firmly to the rotatable support, and automatic means for pressing said clamping plates toward each other when the temperature of the wheel rises.

2,104,595
MANUFACTURE OF SUBSTANTIVE DYESTUFFS
Erik Schirm, Dessau-in-Anhalt, Germany, assignor, by mesne assignments, to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application January 25, 1933, Serial No. 653,488. In Germany January 29, 1932
14 Claims. (Cl. 260—1)

1. In the manufacture of azo, azine, oxazine, thiazine, acridine, triphenylmethane, nitro and anthraquinone dyestuffs, the step which comprises condensing an intermediate product having a movable hydrogen atom, said product being suitable for the production of these dyestuffs and finally constituting part of the dyestuff molecules, with a compound corresponding to the general formula R—CO—X wherein R represents a member of the group consisting of hydrogen, halogen, and hydroxyl, alkoxyl groups and the radical of a hydrocarbon joined through a carbon atom thereof, and wherein X represents a member of the group consisting of the radicals —CH=CHR¹, in which R¹ represents a member of the group consisting of aryl and heterocyclic radicals and aralkyl radicals the aliphatic radical of which is unsaturated, and the said radicals of heterocyclic compounds containing a double bond at the carbon atoms attached to the CO groups, by elimination of water formed from the double bonded oxygen atom and a movable hydrogen atom of the said dyestuff intermediate, said condensation being such as to leave an active group adapted to cause or permit reaction for the formation of the said dyestuffs.

2,104,596
SLIP
Max C. Schrank, Bridgeton, N. J.
Application March 13, 1936, Serial No. 68,578
1 Claim. (Cl. 2—73)



A slip having back and front portions, the back portion consisting of a single panel and the front portion being composed of three panels, the center of said panels having an inverted V-shaped top and being slightly wider than the two side panels, said side panels having angular tops with the longer edge on their outer sides, and diamond-shaped inserts to connect the angular sides of the front and side panels, one of said side panels being stitched throughout the length thereof to the rear panel and the other side panel being stitched throughout the upper portion thereof to the rear panel, and a shadow-proof portion stitched to one of the side panels at the open side and at its top to the underside of the front panels and extending across the slip.

2,104,597
LIQUID DELIVERY APPARATUS
George W. Stodwell, Brooklyn, N. Y., assignor to Keystone Controls, Inc., New York, N. Y., a corporation of New York
Original application September 17, 1936, Serial No. 101,410. Divided and this application May 24, 1935, Serial No. 23,127
8 Claims. (Cl. 221—96)



1. In liquid flow apparatus, a hose having a nozzle, a support for the nozzle structure, liquid flow governing means for the hose, a controller for said liquid flow governing means and push button actuating mechanism for said controller and including inter-connected parts, one positioned to be shifted and held by the nozzle structure upon the placement of the latter on the support and adapted by its interconnection with the other to thereupon secure said other part against operation while the nozzle is on the support and said other part being freed for operating the controller when the nozzle structure is removed from the support.

2,104,598
FOOTWEAR
Seymour Trey, New York, N. Y.
Application August 13, 1936, Serial No. 95,767
1 Claim. (Cl. 36—57)



A low shoe of the pump style, comprising a sole portion, and an upper portion having an opening adjacent the top to permit of the insertion and removal of the foot of the wearer, the edge of the upper portion around the opening being skived and being folded inwardly upon itself to form a smooth, finished edge around the opening, means including a strip of tape secured to the skived folded-over portion and to the inside of the upper portion for reenforcing the folded-over portion and securing it in position, a strip of material folded longitudinally upon itself and secured to the inside of the upper por-

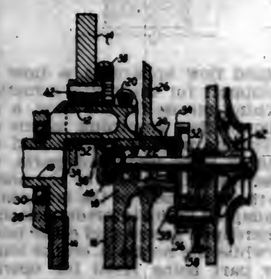
tion adjacent the opening so as to form piping extending around the opening, the piping being positioned adjacent to and at the same level as the folded-over edge of the upper portion, the piping and folded-over edge being of contrasting colors, one of the longitudinal edges of the strip of material formed into piping being positioned to abut the strip of tape and the other longitudinal edge being in overlapping relation with the strip of tape, a second strip of tape secured to the inner surface of the piping material and to the inside of the upper portion, lining material inside the upper portion extending to adjacent the top thereof and overlying the strips of tape, and the piping material, and a line of stitching extending around the opening, through the lining material, piping material, the folded-over edge of the upper portion and the second piece of tape, so as to aid in securing the parts in assembled relation.

2,104,599

GEARED CONNECTING ROD

Paul G. Wellenkamp, Radburn, N. J., assignor to Wright Aeronautical Corporation, a corporation of New York

Application August 6, 1936, Serial No. 94,506
4 Claims. (Cl. 121—120)



1. The combination with an engine crankshaft having a crank pin and a journal, of a connecting rod bearing member rotatable on said pin, rods articulated to said member, a gear rigid with said member, a shaft mounted for rotation in said journal, a pinion on said shaft engaging said bearing gear with a ratio designated "R", and gears drivably connecting said crankshaft and the last said shaft and giving a ratio of "R—1" of reverse rotation relative said crankshaft.

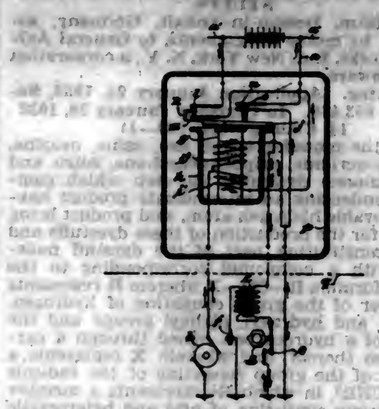
2,104,600

SYSTEM OF IGNITION FOR INTERNAL COMBUSTION ENGINES FOR AIRCRAFT

Harold Edward William West, Derby, England, assignor to Rolls-Royce Limited, Derby, England

Application April 24, 1936, Serial No. 76,233
In Great Britain October 2, 1934
3 Claims. (Cl. 123—148)

1. A coil ignition system for an aircraft engine which comprises plugs, a coil to supply current to the plugs, a battery which supplies current to the coil for starting purposes, an electrical ignition generator driven by the engine which is in circuit with and supplies current to the coil during the normal running of the engine and automatic electro-magnetic means dependent on the amount of current given by the generator for connecting the generator to the coil and simultaneously disconnecting the battery from the coil, and for disconnecting the generator from the coil and simultaneously connecting the battery, the



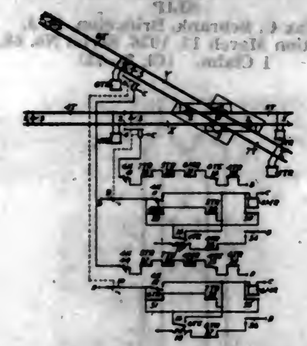
circuit of the generator being wholly independent of connection with the battery.

2,104,601

RAILWAY TRAFFIC CONTROLLING APPARATUS

Henry S. Young, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application August 14, 1935, Serial No. 36,167
10 Claims. (Cl. 246—114)



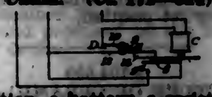
1. In combination, a stretch of railway track having an approach section, a traffic controlling device for said stretch having a normal condition but operable to a different condition, means for at times automatically causing said traffic controlling device to assume such different condition when a train enters said approach section, a normally energized approach locking relay, means for deenergizing said approach locking relay when said traffic controlling device is in such different condition, a timing device, means for initiating the operation of said timing device when the train leaves said approach section effective if said approach locking relay is then deenergized, means for energizing said approach locking relay when said timing device completes its operation, and another traffic controlling device rendered inoperative as long as said approach locking relay is deenergized.

2,104,602

ELECTRICAL RELAY

Norman F. Agnew, Swissvale, and Benjamin Mihalovich, Pittsburgh, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application September 19, 1935, Serial No. 40,726
1 Claim. (Cl. 171—314)



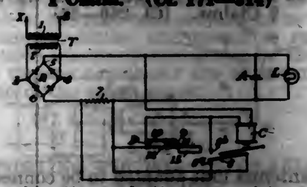
In combination, a battery, a resistance, means for charging said battery connected with said battery through said resistance, a relay adapted to pick up on a potential which is equal to the fully charged potential of said battery, a contact which is designed to vibrate open in response to shocks, means for connecting said relay with said battery over said contact, means for preventing said contact from vibrating open when said relay is picked up, and a back contact on said relay connected in multiple with said resistor.

2,104,603

ELECTRICAL RELAY

Norman F. Agnew, Penn Township, Allegheny County, and Benjamin Mihalovich, Pittsburgh, Pa., assignors to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Original application September 19, 1935, Serial No. 40,726. Divided and this application April 1, 1937, Serial No. 134,576
1 Claim. (Cl. 171—314)



In combination, a battery, a resistance, means for charging said battery connected with said battery through said resistance, a contact which is designed to vibrate open when subjected to shocks, and a relay designed to pick up on a potential equal to the fully charged potential of said battery connected with said battery over said contact, said relay being provided with a back contact which is connected in multiple with said resistance and with a front contact which is connected in multiple with said first mentioned contact.

2,104,604

CUTTER CLAMPING MECHANISM

John E. Bartek, Rochester, N. Y., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y., a corporation of Delaware

Application November 23, 1936, Serial No. 112,714
4 Claims. (Cl. 29—105)



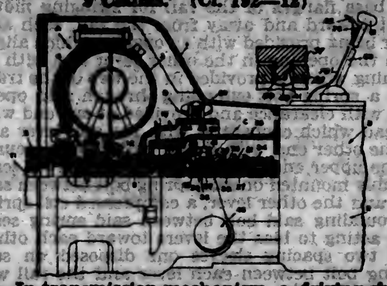
1. The combination with a cutter head having a slot therein defined by endwise tapering side walls, said slot being of sufficient width throughout its depth to accommodate a cutter body and wedge and to permit lateral movement of the cutter body when positioning the same, and a locking abutment projecting above the bottom of the slot, of a cutter body positionable by a movement laterally of the bottom of said slot against one side wall of the slot in locking engagement with said abutment to prevent endwise movement of the cutter body, a wedge member tapering endwise in thickness, said wedge member being widest at its front end and narrowest at its rear end and movable endwise of the slot into clamping position by movement from the cutting end of said cutter body toward the rear end thereof and positionable on the bottom of said slot between the cutter body and the other side wall of the slot to prevent lateral movement of the cutter body, and locking means on the head engaging the wedge member and cutter body and acting to prevent movement thereof in a direction outwardly away from the bottom of the slot, the wedge member being engaged with the cutter body and with a side wall of the slot throughout the depth of said slot.

2,104,605

POWER TRANSMISSION CONTROL MECHANISM

Werner F. Beldt, St. Louis, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware

Application August 19, 1936, Serial No. 96,718
9 Claims. (Cl. 192—12)



1. In transmission mechanism, a driving shaft, a driven shaft, a hydraulic power transmitter of the kinetic type interposed between the shafts and comprising an impeller element and a turbine element, a brake associated with the power transmitter, a third shaft, a clutch comprising relatively movable elements for connecting and disconnecting said third shaft from the driven shaft, means for applying the brake, means operable by the brake applying means for disengaging the clutch prior to application of the brake, and means, operable upon initial release of said brake applying means for disconnecting the clutch disengaging means from the brake applying means, to permit the clutch to assume a position permitting engagement upon occurrence of substantial synchronism of its elements.

2,104,606

RAILWAY BRAKING APPARATUS

Herbert L. Bone, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application June 1, 1936, Serial No. 82,771
25 Claims. (Cl. 188—62)

1. Railway braking apparatus comprising a lever provided at its lower end with a recess which receives one flange of a track rail in such manner that the lever is free to rotate about said one flange as a fulcrum, a brake shoe secured to the

upper end of said lever, and means for biasing said lever to a position in which said brake shoe



will frictionally engage the wheels of a car traversing said track rail.

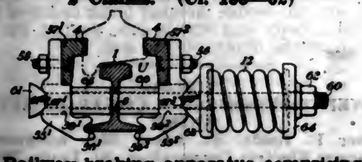
2,104,607

RAILWAY BRAKING APPARATUS

Herbert L. Bone, Forest Hills, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Original application June 1, 1936, Serial No. 82,771. Divided and this application April 16, 1937, Serial No. 137,296

2 Claims. (Cl. 188—62)



1. Railway braking apparatus comprising two levers disposed on opposite sides of a track rail and pivotally supported at their lower ends on the base flanges of the rail for swinging movement toward and away from the rail, each said lever being provided with an opening which aligns with the opening in the other lever and with an opening which is provided in the web of the track rail, a spring bolt extending through said openings with clearance and provided at one end with a head which cooperates with the one lever and at the other end with a nut, brake shoes secured to the upper ends of said levers, two spring seats slidably mounted on said spring bolt between said nut and the other lever, a compressed coil spring surrounding said bolt between said spring seats and acting to bias the levers toward each other, and two spacing sleeves one disposed on said spring bolt between each lever and the rail web for limiting the movement of the levers toward each other due to said spring to predetermined positions.

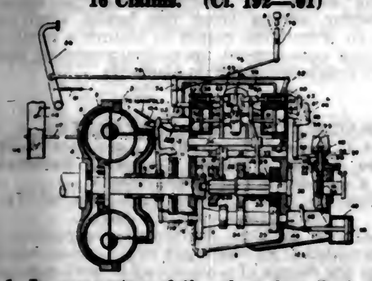
2,104,608

CHANGE SPEED TRANSMISSION SYSTEM

John C. Cox and George Harry Thomas, St. Louis, Mo.; said Cox assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware, and said Thomas assignor to Piero Mariano Salerni, London, England

Application January 21, 1935, Serial No. 2,616

16 Claims. (Cl. 192—.01)



1. In apparatus of the class described, a driving shaft, a driven shaft, change speed gearing interposed therebetween, power-operated means for changing the speed ratio of said gearing, manually settable means for causing said power-operated means to place the gearing in high speed ratio, and a combined manually settable means and speed controlled means for causing said power means to place the gearing in a lower speed ratio while said first named manual means remains in its set position.

2,104,609

MANUFACTURE OF CERAMIC ARTICLES

Peter de Leeuw, Niagara Falls, N. Y., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware

No Drawing. Application February 9, 1935, Serial No. 5,843

4 Claims. (Cl. 51—278)

1. The method of making a porous abrasive article, which comprises forming a slip comprising abrasive grain and bond, incorporating in the slip granular combustible material and gas evolving material, placing the slip in a mold to permit the gas evolving material to decompose, drying the article and burning it in a kiln to vitrify the bond and burn out the granular combustible material.

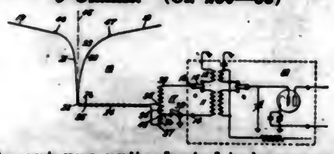
2,104,610

ANTENNA AND COUPLER SYSTEM

Robert B. Deane, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York

Application December 24, 1934, Serial No. 758,917

9 Claims. (Cl. 250—33)



1. An antenna unit adapted to be connected to a radio receiver of the all-wave type comprising an antenna system including a pair of conductors arranged in converging relation to form a non-uniform transmission line connected at its outer end to a pair of oppositely disposed doublet wires spaced apart a substantial distance in the direction of their lengths, said conductors being connected to a lead-in constituted by a pair of conductors arranged closely adjacent each other throughout their length, said transmission line being of sufficient length to cause the surge impedance of said system to be gradually lowered from a relatively high value at the connection of said line to said doublet wires to a relatively low value at the connection of said line to said lead-in, means to couple said lead-in to said radio receiver, and means connected to said coupling means whereby said antenna system is caused to operate as a doublet system over a high frequency band of radio signals and whereby said antenna system is caused to operate as a simple antenna over a low frequency band of radio signals.

2,104,611

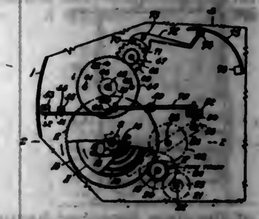
ALARM CLOCK

John J. Drabin, New York, N. Y.

Application September 14, 1936, Serial No. 100,642

9 Claims. (Cl. 58—16)

4. An alarm clock comprising a clock mechanism, means to operate the clock mechanism, an alarm mechanism, means to operate the alarm mechanism, the alarm mechanism comprising a hammer and a sounding member adapted to be actuated by the hammer, a dampening member interposed between the hammer and the sounding member and being of different effectiveness along its length, and means operated by the clock mechanism for gradually withdrawing the dampening member thereby increasing the intensity of sound produced by the hammer with the sounding device.



7. An alarm clock comprising a spring, a clock mechanism operatively connected with the spring, an alarm mechanism operatively connected with the spring and comprising a train of gears, projections on an intermediate gear in said train, a locking device adapted to releasably engage one of the projections thereby preventing the alarm gears from rotation, means to release the alarm gears at a predetermined time of day by the clock mechanism, means to manually adjust the time of release, means to limit the rotation of the gear with projections to not more than one revolution, and means to render the projections selectively engageable by the locking device thereby controlling the length of time of rotation of the alarm gears.

2,104,612

SUPPORTING PIN FOR EYEGLASSES AND THE LIKE

Henry E. Drell, Rowena, Tex.

Application July 14, 1937, Serial No. 153,657

1 Claim. (Cl. 24—3)



A pin support of the class described comprising a pair of duplicate pins having one end blunt and their opposite ends pointed and embodying shank portions bent intermediate their ends to provide a pair of U-shaped supporting members adjacent the blunt end of the pin and having the leg portions thereof disposed in spaced parallel relation with respect to the shanks of the respective pins and joined to the shank adjacent the pointed end of the pin by a return bend and a bar member having its ends secured within the bend forming the junction between the shank and U-shaped member of the respective pins to secure said pins and said U-shaped members in spaced parallel relation.

2,104,613

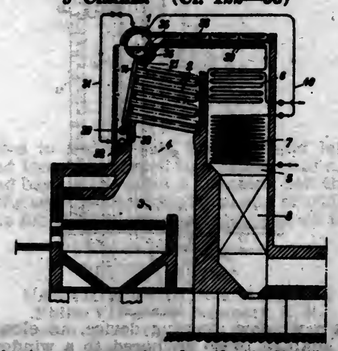
APPARATUS FOR GENERATING STEAM

Otto Engler, Cassel-Wilhelmshohe, Germany, assignor to Schmidt'sche Heissdampf-Gesellschaft m. b. H., Cassel-Wilhelmshohe, Germany

Application June 25, 1935, Serial No. 28,366

In Germany June 28, 1934

9 Claims. (Cl. 122—33)



9. A steam generator for the indirect generation of steam consisting of a steam drum, a plurality of double-walled tubes forming substantially the whole of the steam generating means, means to conduct water to the inner spaces of said tubes, means to conduct steam generated in the inner spaces to said drum, means to conduct steam to the outer spaces of said tubes, and means to heat said tubes.

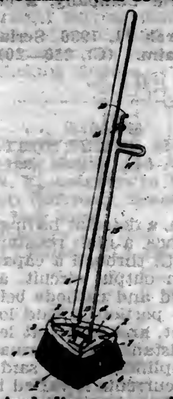
2,104,614

SELF-SHAKING DUST MOP

John C. Finfrock, Kansas City, Mo.

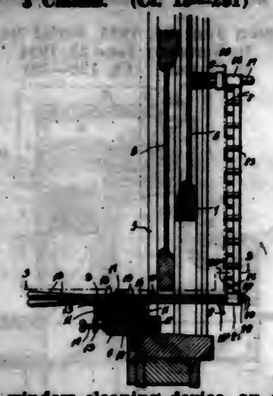
Application March 5, 1937, Serial No. 129,273

1 Claim. (Cl. 15—147)



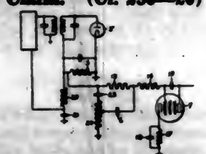
A dust mop including a normally approximately horizontal plate adapted to carry a fibrous mop head, a mop handle pivotally connected at one end with said plate at the upper face thereof and provided with a guide, and an operating rod also pivotally connected with the plate at a point spaced from the pivotal connection of the mop handle and extending through the guide of the same and provided in advance of the guide with a projecting loop forming a hand grip, said operating rod being bent in rear of the guide to form a stop lug.

2,104,615
WINDOW CLEANING DEVICE
Angelo B. Frada, Orange, N. J.
Application August 25, 1936, Serial No. 97,866
3 Claims. (Cl. 15—251)



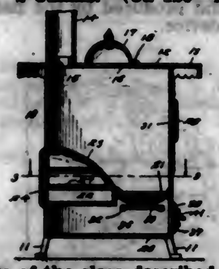
1. In a window cleaning device, an elongated casing adapted to be anchored to a window sill at the inner side of the window and having a slotted opening extending longitudinally of its upper wall, a rectangular block longitudinally slidable in the casing transversely of the window, a pin rising from the block through the casing slot, a lazy-tong arrangement including operating means carrying the same and supported on the pin and projecting through the window opening and a window cleaning member carried by the lazy-tong arrangement.

2,104,616
HIGH FREQUENCY RECEIVER
George W. Fyler, Stratford, Conn., assignor to General Electric Company, a corporation of New York
Application March 11, 1936, Serial No. 68,181
1 Claim. (Cl. 250—20)



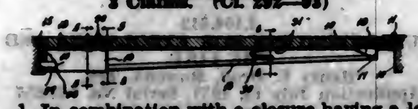
In combination, a detector having a direct current load resistance, a high resistance connected in shunt therewith through a capacitor, an amplifier having an output circuit, a grid, and a cathode, said grid and cathode being connected across at least a portion of said load resistance for direct current, and across at least a portion of said high resistance for alternating currents whereby the amplification of said amplifier to said alternating currents is varied in accordance with the unidirectional potential on said load resistance, means whereby the capacity between said grid and cathode varies with variation in said unidirectional potential, a high impedance in series between said high resistance and said grid, said impedance being proportioned relative to changes in capacity between said grid and cathode produced by said unidirectional potential to produce desired attenuation of high frequency signal currents during periods when the amplification of said amplifier is largest and said impedance being sufficiently high that said attenuation is not appreciably affected by the portion of the whole of said high resistance across which said grid and cathode is connected.

2,104,617
HEATING COOK STOVE
Laura Gilbert, Chicago, Ill.
Application April 8, 1937, Serial No. 135,190
2 Claims. (Cl. 126—4)



2. A stove of the class described having a casing, an oven in the casing extending partly across the same, and a grate extending across the remainder of the casing, the wall of the oven being positioned to partly support the fuel bed, the top wall of the oven extending upwardly and away from the grate, the wall of the casing extending above the grate and said wall of the oven and enclosing a single space to contain fuel supported on the grate and on said wall of the oven, a fuel door for the casing, a door for the oven, said doors being located at different sides of the casing, an ash pit beneath the grate and oven and a door leading to the ash pit.

2,104,618
RIOT LOCK
William Hasenfuss, Amsterdam, N. Y.
Application April 1, 1936, Serial No. 72,195
3 Claims. (Cl. 292—93)

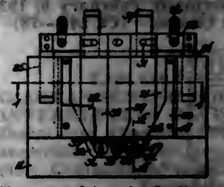


1. In combination with a closure having a lock on one face thereof provided with a shield and a retractile bolt, an exposed elongated lever means pivoted to the said face of the closure, a flexible connection means between the lever and the bolt substantially in line with both of them and extending into the shield through the rear end and connected to the bolt, a casing in line with said lock secured to said face into which the free end of the lever means extends and is held against outward displacement, means urging the lever means outwardly at its free end into contact with the casing, said bolt being slidable in a path substantially in line with the lever means, and a roller within the casing contacted by one of said means.

2,104,619
NONCAKING SMOKED SALT AND METHOD OF MAKING THE SAME
Rudolf Lohmann, Philadelphia, Pa., assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application July 2, 1936, Serial No. 88,606
4 Claims. (Cl. 99—163)

1. A smoked salt characterized by its non-caking qualities due to the incorporation therewith of a relatively small amount of a substantially non-toxic, deliquescent alkaline earth chloride, in addition to the deliquescent materials normally present in smoked salt.

2,104,620
MACHINE FOR TESTING GRAIN GAUGES
George A. Long, Hartford, Conn., assignor to The Gray Telephone Pay Station Company, Hartford, Conn., a corporation of Connecticut
Application May 27, 1935, Serial No. 23,724
6 Claims. (Cl. 33—36)



5. A casting machine including mold members separably mounted, a slide carried by a mold member and having a recess, said mold members and said slide cooperating to form a casting cavity between them, said recess having an inclined wall, a laterally movable plunger mounted for movement with the one of said mold members carrying the slide and having an inclined end corresponding to the inclined wall of said recess to effect lateral movement of said plunger by contact with said inclined wall, and means for withdrawing said plunger from said cavity, said recess being of a width to permit said lateral movement of the plunger as it is withdrawn from the inclined opening in said casting.

2,104,621
MATCH BOOK
Thomas J. McKinnon, Jr., Mission, Tex.
Application July 22, 1936, Serial No. 91,077
1 Claim. (Cl. 206—39)



A match book of the character described comprising an elongated strip of material, a match group, one end of the strip being bent backwardly and secured to the match group, the other end of the strip being bent backwardly to provide a cover flap, said cover flap being provided with a slot therein, an internal flap having a striking surface thereon registerable with the slot when the internal flap is pressed against the match group, said internal flap consisting of an extension of the cover flap bent backwardly against the inside of the cover flap.

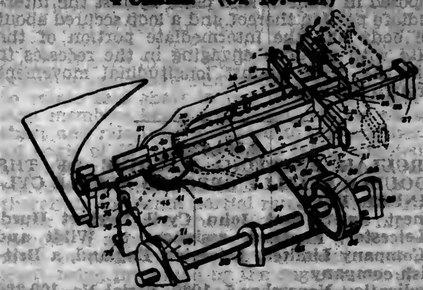
2,104,622
CLAMP AND SCAFFOLD FOR WELDING OPERATIONS
Anthony Joseph Mandina, Houston, Tex.
Application May 5, 1936, Serial No. 78,021
6 Claims. (Cl. 189—36)

1. A temporary clamp and scaffold support for tank plates or the like, including an angle member adapted to have one of its arms welded to a plate adjacent an edge thereof and having its other arm located in a plane parallel to the plane of the plate, the first-mentioned arm provided with an aperture, a bracket having a tongue



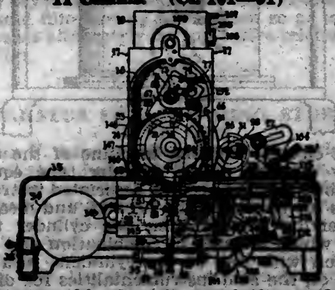
adapted to seat in said aperture and laterally-spaced tongues adapted to straddle said arm and extend beyond the same, a clamping bolt threaded into the second-mentioned arm and provided with means for engaging the laterally spaced tongues.

2,104,623
CARAMEL CUTTING MACHINE
Philip F. Putney, Newport, N. Y.
Application June 12, 1936, Serial No. 85,254
4 Claims. (Cl. 107—61)



2. In a caramel cutting machine, knives for cutting the strip of candy and said knives being plated with a nonferrous metal to prevent the candy from sticking thereto.

2,104,624
POSTAGE METER MACHINE
Albert A. Reyer, Hollis, and Millard L. Reyer, Brooklyn, N. Y., assignors to The International Postal Supply Company, Brooklyn, N. Y., a corporation of New York
Application January 15, 1936, Serial No. 59,298
11 Claims. (Cl. 101—91)



1. In a combined postage printing and registering machine, a die carrier; a die on said carrier; a rotatable impression roll; means for rotating said carrier and roll in timed relation;

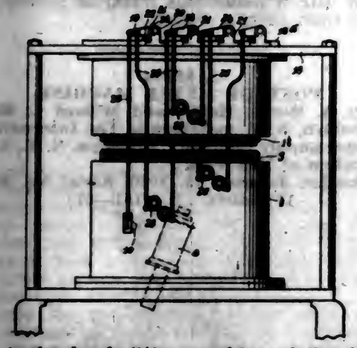
means for moving said roll into cooperative relation with the die to print postage on mail matter; and means associated with said roll moving means for varying the effective pressure exerted by the roll on the mail matter during the printing operation.

2,104,625
BOW NECKTIE
Sol Sherman, New York, N. Y.
Application April 17, 1937, Serial No. 137,390
4 Claims. (Cl. 2—154)



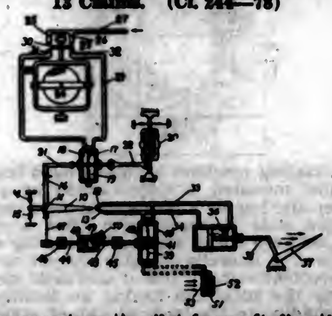
1. The combination with a mounting for a made-up tie comprising a plate adapted to be secured to the material of a tie and being formed intermediate its length with opposed upper and lower marginal recesses defining wide-portions connected by a narrow neck, the wide portions having substantially smooth edges merging into edges of the neck, and collar-engaging clasps at ends of said wide portions; of a tie having a body disposed in front of said plate against the intermediate portion thereof and a loop secured about the body and the intermediate portion of the plate with portions engaging in the recesses to hold the plate against longitudinal movement through the loop.

2,104,626
CIRCULAR KNITTING MACHINE OF THE DOUBLE AXIALLY OPPOSED NEEDLE CYLINDER TYPE
Ernest Spiers and John Cyril Herbert Hurd, Leicester, England, assignors to Wildt and Company Limited, Leicester, England, a British company
Application November 5, 1936, Serial No. 109,380
In Great Britain November 14, 1935
14 Claims. (Cl. 66—14)



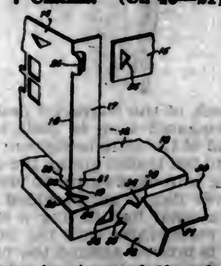
1. A circular knitting machine of the double axially opposed needle cylinder type equipped with double ended needles, associated instrumentalities for operating the needles, and means for transferring needles from one cylinder to the other, which includes in combination and in association with one of the cylinders, means for action on the said instrumentalities for dividing the same and causing prearranged needles to take up a tucking position and the remainder to take up a non-knitting position, and periodically operated means for action on the needle-operating instrumentalities whereby after division of the needles, those which take up a tucking position, as well as those which take up the non-knitting position, are caused to clear and knit.

2,104,627
STEERING DEVICE
Gert Zeuge von Manteuffel, Berlin-Dahlem, Germany, assignor to Askania-Werke A. G. vormals Centralwerkstatt Dessau und Carl Bamberg-Friedenau, a corporation of Germany
Application February 8, 1937, Serial No. 124,683
In Germany February 6, 1936
13 Claims. (Cl. 244—78)



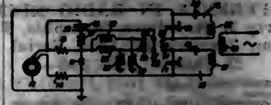
2. In an automatic pilot for craft direction responsive means; a relay connected to be actuated by impulses from said direction responsive means; a control surface connected to be actuated by said relay; means responsive to the force exerted on the control surface and connected to act on said relay; and means for biasing said force responsive means toward its neutral position, whereby a restoring impulse is exerted on the relay which is a function of the force exerted on the control surface.

2,104,628
TOY GARAGE AND THE LIKE
Donald M. Warren, West Lafayette, Ind.
Application August 16, 1934, Serial No. 740,102
7 Claims. (Cl. 46—21)



1. In a toy structure of the class described, the combination of a paper board box section comprising a top wall constituting a floor member and downwardly folded side flanges for supporting the floor member at an elevation from a ground surface on which the structure is set up, said side flanges being folded downwardly relative to the floor member along fold lines formed by cutting through part only of the thickness of the paper board whereby there is formed a peripheral ledge around and spaced downwardly from the top surface of the floor member, an apron for facilitating movement of toy vehicles from said ground surface to said floor member, said apron having a driveway portion and triangular side portions adapted to be folded downwardly, and means for anchoring the apron to the base with the driveway portion in inclined position forming an inclined connecting surface between said floor member and said ground surface, said triangular side portions forming end closures for the space between said driveway portion and said ground surface and the rear edges of said triangular portions being adapted to abut a side flange of the base, and said driveway portion having a lip extending beyond the plane of the rear edges of said triangular portions and adapted to rest on a portion of said peripheral ledge to prevent collapsing of said driveway portion.

2,104,629
TESTING ARRANGEMENT FOR CIRCUIT-INTERRUPTING DEVICES
Raoul Wilhelm and Gerhard Frithauf, Berlin-Oberschöneweide, Germany, assignors to General Electric Company, a corporation of New York
Application July 8, 1937, Serial No. 152,586
In Germany August 21, 1936
5 Claims. (Cl. 175—183)



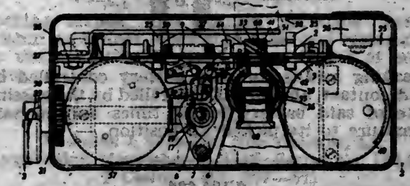
1. Apparatus for testing circuit-interrupting devices comprising in combination a supply circuit for current to be interrupted by an interrupting device under test, an inductive impedance included in said circuit, a condenser and a resistor connected in series across said inductive impedance, a surge generator, and connections including a three-electrode spark gap between said generator and said circuit, said gap having its middle electrode connected to the common point of said condenser and said resistor.

2,104,630
SEPARATOR FOR CANCELING MACHINES
Lawrence J. Zahn, Long Island City, N. Y., assignor to The International Postal Supply Company, Brooklyn, N. Y., a corporation of New York
Application April 20, 1937, Serial No. 138,037
5 Claims. (Cl. 271—39)



1. In a separating mechanism of the class described, a feed roll, a separator roll opposite said feed roll the periphery of said separator roll having a frictional wearable surface, a guard member, an arm pivotally connected to said member and carrying said separator roll, said separator roll being adapted to project beyond the face of said member in the direction of the feed roll, means on said guard engageable with said peripheral surface to limit movement of the separator roll with respect to said member in the direction of said feed roll, and means normally urging said arm in said direction whereby a fixed relation is maintained between the periphery of the separator roll and the face of said member.

2,104,631
CINEMATOGRAPH CAMERA AND PROJECTOR APPARATUS
Frederick Fant Michael Abbott, Edgware, England, assignor to Neal Pemberton Billing, London, England
Application March 29, 1937, Serial No. 133,738
In Great Britain June 25, 1935
12 Claims. (Cl. 88—16)

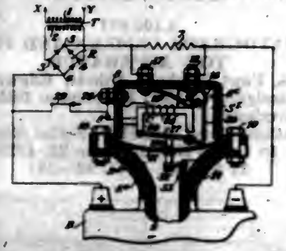


1. In apparatus for the purpose specified the combination including a casing, a shutter, means for actuating said shutter, means for moving a film through said casing behind said shutter, and an optical system for focusing successive images upon successive portions of said film, a rotatably mounted shaft in said casing, a spring operatively engaging said shaft, said spring normally tending to rotate said shaft in one direction, a pair of stop members keyed in spaced relation on said shaft and relatively displaced to one another by an angle of 45°, said members being adapted to alternately engage with said film, the member in engagement with said film being disengageable therefrom to permit partial rotation of the shaft under the action of the spring after the film has completed a predetermined extent of its movement in one direction, further rotation of said shaft being prevented by the engagement of the film by the other member to permit a partial rotation of the shaft in the same direction as before when the film has completed a predetermined length of its movement in the opposite direction, a skew gear carried by said shaft, an optical system, a skew gear on said optical system, said skew gear engaging with the first mentioned skew gear and serving to produce movement of said optical system during each partial rotation of said shaft, film feeding mechanism including a pair of feed pawls, one of said feed pawls engaging the film for movement in one direction, the other pawl engaging said film for movement thereof in the opposite direction, and a cam keyed to said shaft, said cam co-operating with said film feeding mechanism so as to bring said pawls alternately into operative relation with said film.

2,104,632
APPARATUS FOR CHARGING STORAGE BATTERIES
Norman F. Agnew, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application January 14, 1936, Serial No. 59,035
6 Claims. (Cl. 171—314)

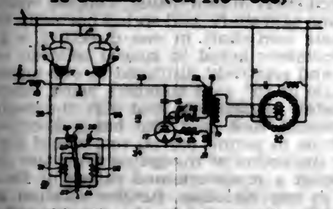
5. In combination, a storage battery, a switch, a relay provided with a winding which is connected with the terminals of said battery over said switch and with an armature which controls a contact in such manner that said contact will be closed or open according as said armature is released or picked up, the parts being so pro-

portioned that the current supplied to said winding will be insufficient to pick up said armature but will be sufficient to hold said armature picked up once it is moved to its picked up position,



charging means for said battery controlled by said contact, and means controlled by the gassing rate of said battery for at times moving said armature to its picked up position.

2,104,633
ELECTRIC VALVE CIRCUITS
Ernst F. W. Alexanderson, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application April 15, 1936, Serial No. 74,462
16 Claims. (Cl. 175—363)



1. In combination, a supply circuit, a load circuit, an electric translating circuit interconnecting said circuits including a plurality of parallel-connected electric circuits, a plurality of similarly disposed arc discharge paths associated with said parallel-connected circuits and each including a plurality of electrodes, said parallel-connected electric circuits being connected in said translating circuit so that the potentials impressed on corresponding electrodes of said arc discharge paths are substantially in phase, and means for causing said arc paths to conduct current in a predetermined order.

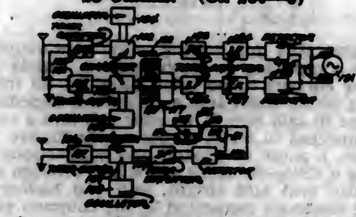
2,104,634
MACHINE FOR PRODUCING SPACED GROUPS OF TUFTS ON FABRIC
Robert H. Bradwell, Sumter, S. C., assignor to Pelly Prenties, Inc., Sumter, S. C., a corporation of South Carolina
Application June 3, 1936, Serial No. 83,460
11 Claims. (Cl. 112—79)

1. In a machine for producing tufts upon a fabric, a reciprocating needle bar, a needle carried thereby to force the thread through the fabric and produce loops, a looper movable across the path of travel of the needle bar to receive the loops thereon, means to cut the loops upon the looper, a spring to move the needle bar downwardly, a sleeve slidably mounted upon the needle bar and serving to raise the needle bar, means to reciprocate the sleeve, a holding element connected with the needle bar, a rotatable disk for coaction with the holding element and having a part to engage with the holding element for retaining the needle bar raised and a cut away part



to permit of the downward movement of the needle, means to rotate the disk, and work feeding means to advance the fabric.

2,104,635
MEANS AND METHOD FOR SUPPRESSING INTERFERENCE IN RADIO RECEPTION
Harry B. Broadbeve, Memphis, Tenn.
Application January 16, 1936, Serial No. 59,342
23 Claims. (Cl. 250—6)



1. Apparatus for receiving signals at radio frequency, said apparatus including means for receiving and finally detecting the energy of two differing radio frequency channels and removing the carrier frequencies thereof, and means for impressing the intensity output of the said final detecting means of one said channel, substantially free from any carrier frequency, on the other said channel in advance of the said final detecting means thereof.

2,104,636
ADVERTISING DEVICE
James Russell Burchams, Newcastle, Ind.
Application August 27, 1937, Serial No. 161,326
3 Claims. (Cl. 40—28)



1. A device of the character described, comprising, a spherical body, a shaft within said body extending coaxially with the horizontal axis of said body, bearings connecting said shaft to said body whereby to permit said body to rotate

relative to said shaft, a source of power connected to said shaft and engaging the inner periphery of said body to rotate the same and equipped with means engaging said periphery whereby to steer the same, and a simulated source of power engaging the outer periphery of said body and maintained in horizontal relationship with said first source of power whereby to simulate the appearance of rotating said body.

2,104,637
METHOD OF COATING
Kenneth E. Crocin, Williamsport, Pa.
No Drawing. Application July 19, 1935, Serial No. 32,202
1 Claim. (Cl. 91—68)

A method of coating wood products consisting in initially applying to a dry product a coating of waterproof penetrating liquid composition containing as one of its constituents China-wood oil, drying said product to gelatinize the China-wood oil to form a rough surface on the surface of the product and in the pores of the product and finally coating said product with a composition having as one of its essential constituents a wax containing a solvent, a drier and coloring matter, said wax having an affinity for China-wood oil to form a homogeneous coating for the product.

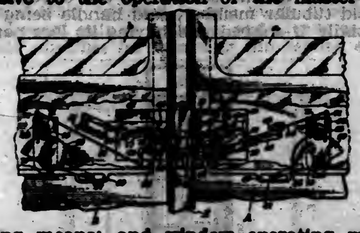
2,104,638
FOUNTAIN PEN
William R. Cuthbert, Fort Madison, Iowa, assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa, a corporation of Delaware
Application May 18, 1936, Serial No. 80,226
7 Claims. (Cl. 120—45)



1. In a fountain pen including a cap for enclosing the writing point end of the barrel, a feed bar, an apertured metallic shell enclosing one end of the feed bar and having longitudinally slidable movement in the bore of the barrel and a passage for conducting writing fluid from a reservoir in the barrel to a pen nib mounted on said feed bar, an apertured seat in the barrel against which the inner end of said shell engages in a retracted position thereof, a compression spring for moving said slidable shell and feed bar in one direction, means for limiting such movement to an extended position when the cap is removed to permit flow of the writing fluid from the reservoir to said passage, and means in engagement with said cap for moving said shell and slidable feed bar in the other direction to said retracted position against the compression of said spring to prevent flow of writing fluid when said cap is disposed on the barrel.

2,104,639
DOOR LOCKING AND WINDOW OPERATING DEVICE FOR AUTOMOBILES AND THE LIKE
Edward D. Dall, Cleveland, Ohio, assignor to Walter F. Wright, Shaker Heights, Ohio
Original application February 4, 1933, Serial No. 655,198. Divided and this application May 5, 1934, Serial No. 724,161
20 Claims. (Cl. 292—36)

1. The combination with an automobile body and the like, its doors, and windows in said doors, of locking means for a master-door; locking means for another door associated with and responsive to the operation of the master-door



locking means; and window operating means within each door associated with and responsive to the operation of the locking means of such door.

2,104,640
FAUCET
Nicholas J. Gendall, New Orleans, La.
Application November 2, 1936, Serial No. 109,020
1 Claim. (Cl. 277—67)



A faucet comprising a water chamber having an inlet, an inclined spout, a partition having a thickened intermediate portion and an auxiliary vertical chamber of greater length than its width in the thickened portion, the partition being inclined at an angle to the horizontal and forming part of the inclined wall of said spout, said auxiliary chamber forming a communication between the water chamber and the spout, a main valve seat on the inclined partition at the upper end of the auxiliary chamber, a main valve controlling the flow of water from the auxiliary chamber to the spout, a valve seat ground in partition at the lower end of the auxiliary chamber, an auxiliary valve engaging the auxiliary seat for cutting off water from the water chamber to the auxiliary chamber, the upper end of said auxiliary chamber being flared.

2,104,641
LUBRICATING PREPARATION
Hugh Francis Green, York, England
No Drawing. Application August 5, 1935, Serial No. 34,842. In Great Britain December 5, 1934
3 Claims. (Cl. 87—9)

1. A lubricating preparation comprising a lubricating oil, a salt of a bile acid and a liquid lactate of an aliphatic alcohol having more than four carbon atoms.

2,104,642
MEASURING DEVICE
Gertrude L. Greene, Corona, Calif.
Application July 22, 1935, Serial No. 32,632
2 Claims. (Cl. 21—11)

1. In a measuring device, the combination with

a tubular member open at both ends, a cross wire extending across one end of said tubular member, and a handle secured to the opposite end of said tubular member, said handle being substantially U-shaped and having its legs parallel



to the sides of said tubular member, the length of said handle being greater than the length of said tubular member, whereby a sliding gauge may pass between the legs of said handle and enter the open end of said tubular member.

2,104,643

METHOD OF TESTING AND APPARATUS THEREFOR

Grover R. Greenslade, Scott Township, Allegheny County, Pa., assignor to Pittsburgh Dry Stencil Company, a corporation of Pennsylvania

Application December 13, 1934, Serial No. 757,379

6 Claims. (Cl. 175—183)



1. Apparatus for testing telltale staybolts, which apparatus comprises exploring means adapted to be inserted in a telltale hole of a telltale staybolt and adapted to be moved along the said telltale hole, means associated with the said exploring means for determining the condition of the bolt in every breakable part that renders the bolt effective as a stay for the plates of a boiler, and additional electrical means associated with the said second means for indicating when the free end of the said exploring means is in relatively close proximity to the original closed end of the said telltale hole and yet electrically insulated therefrom.

2,104,644

METHODS OF TESTING AND APPARATUS THEREFOR

Grover R. Greenslade, Scott Township, Allegheny County, Pa., assignor to Pittsburgh Dry Stencil Company, a corporation of Pennsylvania

Application May 31, 1935, Serial No. 24,463

32 Claims. (Cl. 175—183)



1. Apparatus for testing the condition of a metal object having a passage-way into the body thereof, the said passage-way having an inner closed end, which apparatus comprises a testing implement adapted for insertion into the passage-way, means associated with said implement for indicating the presence or absence of fractures in said metal object while moving the said testing implement along the axis of said passage-way, and means associated with said implement for indicating whether it has reached the original closed end of said passage-way.

2,104,645

MEANS FOR TESTING BOILER STAYBOLTS

Grover R. Greenslade, Scott Township, Allegheny County, Pa., assignor to Pittsburgh Dry Stencil Company, a corporation of Pennsylvania

Application June 20, 1935, Serial No. 27,587

6 Claims. (Cl. 175—183)



1. Apparatus for testing telltale staybolts which apparatus comprises spaced contact elements adapted to be inserted in the telltale hole of a telltale staybolt and adapted for movement therein to touch the original closed end of said telltale hole, means combined with the said contact elements for determining the presence or absence of fractures in the bolt while moving the contact elements along the telltale hole, and means for indicating contact of the said elements with the said end of said telltale hole.

2,104,646

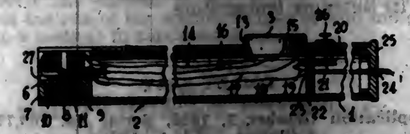
MEANS FOR TESTING

Grover R. Greenslade, Scott Township, Allegheny County, Pa., assignor to Pittsburgh Dry Stencil Company, a corporation of Pennsylvania

Application June 20, 1935, Serial No. 27,588

Renewed October 20, 1937

3 Claims. (Cl. 175—183)



1. Apparatus for testing magnetizable metal objects comprising a core member of magnetic metal mounted on the end of a rod member provided with a handle, an alternating current meter mounted on the said handle, grooves provided in the said core member, a pair of inductive windings in each groove each pair being oppositely wound and the windings in each pair being connected in opposite sides of a Wheatstone bridge circuit.

2,104,647

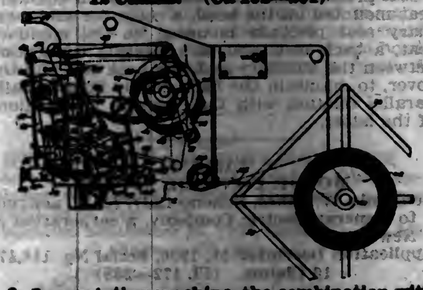
TICKET PRINTING MACHINE

George W. Henry, Jr., Philadelphia, Pa., assignor to Seabar Company, Philadelphia, Pa., a corporation of Pennsylvania

Application June 3, 1933, Serial No. 674,692

Renewed June 4, 1937

12 Claims. (Cl. 101—231)



3. In a printing machine, the combination with a printing platen, of means for feeding a strip transversely across the face of said platen, an inking device at one side of said platen, a shear blade cooperating with the opposite side edge of the platen to shear the strip, a printing element, mechanism for successively moving said element into contact with the inking pad and with the platen, and mechanism for actuating said blade in synchronism with the movement of said printing element to shear the strip during the periods when the printing member is withdrawn from the platen in the direction of the inking device.

2,104,648

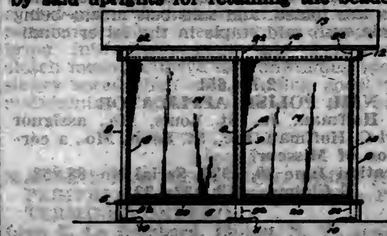
CAMP HOUSE

Lawrence Hickey, Coffeyville, Kans.

Application August 27, 1936, Serial No. 98,249

5 Claims. (Cl. 20—8)

1. In a building, the combination of a frame work open at its sides and ends and including spaced corner and intermediate uprights formed along opposite sides with longitudinal guide grooves, waterproof rolling curtains covering the open spaces of said sides and ends, spring rollers for said curtains journaled between the upper ends of each adjacent pair of said uprights, each curtain having beaded longitudinal edges slidably engaged in the guide grooves of the adjacent pair of uprights, and means carried by said uprights for retaining the beaded edges



within said grooves of the uprights, said last-named means comprising retaining strips secured to each upright at opposite sides of each guide groove thereof and having spaced adjacent rolled edges engaging the associated curtain inwardly of its adjacent beaded edge.

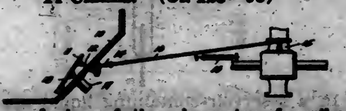
2,104,649

ACCELERATOR GOVERNOR

Edward Martin Hinton, Drexel Hill, Pa.

Application June 13, 1936, Serial No. 85,179

14 Claims. (Cl. 123—98)



1. In a device of the character described, a cylinder having a cam groove formed in the wall thereof, a piston comprising a non-rotatable member provided with apertures therethrough and a rotary member having portions adapted to cover said apertures and having a cam follower adapted to engage in said cam groove, and a piston rod, means associated with said piston and operable by the initial movement of said piston rod to retard the advance of said piston.

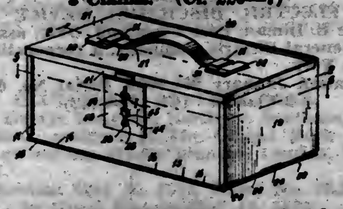
2,104,650

DINNER PAIL AND EGG CRATE

Henry W. Heeseman, Gibsonburg, Ohio

Application April 15, 1937, Serial No. 137,132

2 Claims. (Cl. 220—7)



1. A receptacle of the class described having a bottom wall, side walls hinged to the bottom wall, end walls hinged to the bottom wall, latches on certain of said walls, lugs on other of said walls engaged by the latches to hold the walls in receptacle form, end walls having angular flanges overlapping the exterior of the side walls, said latches being pivoted, and said lugs having extensions at their lower extremities on which the latches are adapted to rest, a cover pivoted to one of the side walls, bolt means carried by the cover, fastening means engageable by the bolt

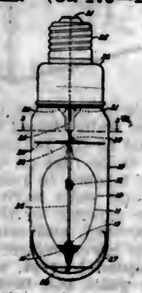
means to secure the cover in closed position, said cover having a depending staple on is under surface, said side walls, bottom wall and cover being foldable in superposed relation, and said side walls and bottom wall having openings therethrough through which said staple passes when the walls are folded, and said bolt means being engageable with said staple in the latter condition.

2,104,651
NAIL POLISH APPLICATOR
Carl C. Heffman, Jr., St. Louis, Mo., assignor to Carl C. Heffman, Inc., St. Louis, Mo., a corporation of Missouri
Application June 30, 1936, Serial No. 88,253
6 Claims. (Cl. 132—73)



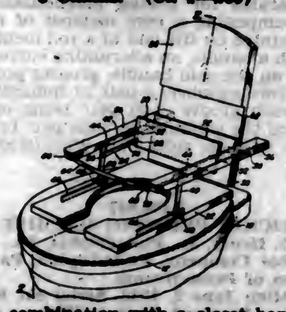
1. In a reservoir-containing liquid applicator, a tubular portion of rigid material closed at one end and provided with a hollow cap portion at its other end, said cap portion being of flexible material and having a restricted outlet, said cap portion extending a substantial distance beyond said last named end of said tubular portion, applicator means carried by said cap portion closely adjacent said outlet, and extending outwardly from said cap portion, and combined drip-preventing and guide means for said liquid, including a baffle extending from the exterior surface of said cap portion adjacent said outlet, and with said outlet between said baffle and said applicator means, said baffle extending toward said applicator means.

2,104,652
ELECTRIC DISCHARGE DEVICE
George E. Inman, East Cleveland, Ohio, assignor to General Electric Company, a corporation of New York
Application January 25, 1936, Serial No. 60,848
9 Claims. (Cl. 176—122)



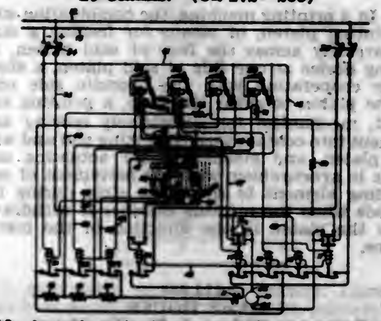
1. The combination of an electric discharge lamp comprising a bulb having a pair of electrodes therein, and an outer envelope enclosing said bulb, with a gas content in said outer envelope at a pressure in excess of half an atmosphere, providing enhanced cooling for the inner bulb, as compared with that afforded by direct atmospheric exposure thereof, so that the lamp may operate on higher current and with higher pressure without heating up the inner bulb wall to its softening temperature.

2,104,653
TOILET SEAT
Nels Johnson, Chicago, Ill.
Application October 2, 1936, Serial No. 103,777
8 Claims. (Cl. 4—239)



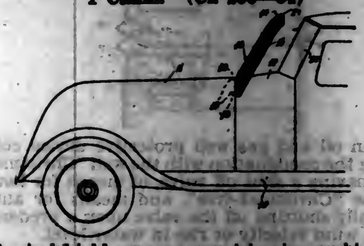
1. The combination with a closet bowl having a seat pivotally mounted thereon, of an auxiliary seat mounted on the bowl, a cover for said auxiliary seat pivotally mounted on the auxiliary seat, a back rest, and an operating connection between the auxiliary seat, the back rest and the cover, to maintain the back rest in substantially parallel relation with the cover in all positions of the latter.

2,104,654
MOTOR CONTROL SYSTEM
Benjamin W. Jones, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application December 31, 1936, Serial No. 118,479
10 Claims. (Cl. 172—288)



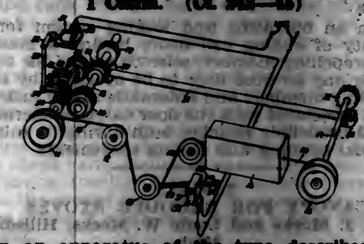
10. A motor starter comprising an accelerating resistor and a plugging resistor connected between said accelerating resistor and a terminal of the motor armature, a plurality of contactors, one for shunting each of said resistors, a reversing type master switch for actuating one of said contactors to shunt said plugging resistor, means for actuating another of said contactors to shunt said accelerating resistor after an interval of time comprising an inductive time delay relay having an operating coil and connections including a resistor between said coil and plugging resistor whereby said relay responds to the voltage drop across said plugging resistor and means for diminishing said time interval in accordance with the rate of acceleration of said motor comprising a connection from the opposite terminal of said armature to said coil thereby to reverse the current in said coil in accordance with the rise of the countervoltage of said motor and a resistor in said connection.

2,104,655
INSECT SHIELD FOR AUTOMOBILES
Louis B. Jones, Pelo, Ill.
Application July 28, 1936, Serial No. 92,058
1 Claim. (Cl. 296—84)



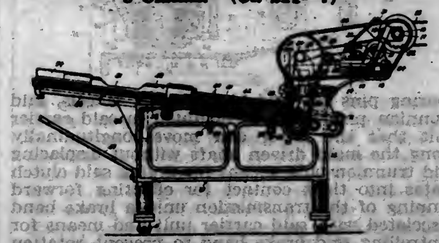
A windshield screen comprising in combination with the cowl and hood of a vehicle, a pair of frames provided with studs extending from the base thereof, mesh screen fabric secured to said frames, spring clips adapted to connect the adjacent portions of said frames, and said studs adapted to be engaged between the cowl and hood of the vehicle to support the screen in front of the windshield.

2,104,656
WIRE TENSION CONTROLLING DEVICE
Robert F. Krejci, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application September 28, 1934, Serial No. 745,862
1 Claim. (Cl. 242—45)



In an apparatus of the type described, the combination of an unwinding spool adapted to hold wire and a winding spool adapted to receive said wire, means for driving said winding spool, clutch means for driving said unwinding spool at a slower speed than said winding spool, another clutch means for driving said unwinding spool at a higher speed than said winding spool, a sheave engaging said wire between said spools and movable in a substantially vertical plane for taking up the slack in said wire, electro-magnetic means engaging said second-mentioned clutch means, an electric circuit including said electro-magnetic means and a switch means adapted to be closed by the upward movement of said sheave to actuate said electro-magnetic means and bring into engagement said second-mentioned clutch means to drive said unwinding spool at a higher speed than said winding spool, and said switch means being adapted to be opened by the downward movement of said sheave to actuate said electro-magnetic means and cause said second-mentioned clutch means to be disengaged and bring into engagement said first-mentioned clutch means to drive said unwinding spool at a slower speed than said winding spool thereby maintaining a uniform tension in said wire.

2,104,657
MACHINE FOR ARRANGING DISKS HAVING PERIPHERAL PROJECTIONS IN A PREDETERMINED ORDER
Leon E. La Bombard, Fulton, N. Y., assignor to Oswego Falls Corporation, Fulton, N. Y., a corporation of New York
Application July 29, 1935, Serial No. 32,453
5 Claims. (Cl. 214—7)

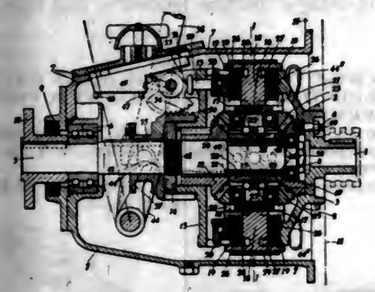


1. A machine for arranging disks having peripheral projections, with the projection of each disk arranged in the same radial plane, said machine comprising a suitable frame, a pair of conveyor members, each consisting of a core portion, the periphery of which is formed elliptical and being provided with a helical thread, said members being rotatably mounted and arranged in spaced apart parallel relationship to receive and convey the disks axially along said members during rotation thereof, with the periphery of the disk riding on the elliptical core portions, a guide bar located between the conveyor members and arranged to engage the projections on the disks while the same are being conveyed along said members, means for discharging the disks in the threads of said members in one end thereof, means for receiving the disks as they are discharged from the opposite ends of the conveyor members, and means for rotating said members.

2,104,658
CLUTCH AND REVERSE GEAR
Alfred George Langdon, Northam, Southampton, England, assignor to The Climax Rock Drill & Engineering Works Limited, London, England
Application May 12, 1936, Serial No. 79,368
In Great Britain May 16, 1935
4 Claims. (Cl. 74—297)

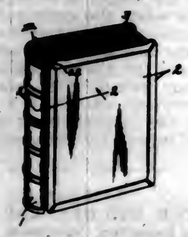
1. A clutch and reverse gear transmission unit comprising a main driving assembly including a main driving shaft, a main driving plate fast with said shaft and a main driving bevel wheel secured to said main driving plate, a main driven assembly including a main driven shaft having a bearing in said main driving bevel wheel, a main driven bevel wheel keyed to said main driven shaft and spaced from said main driving wheel, a main driven plate slidably keyed to the hub of said

main driven bevel wheel, a carrier unit slidably mounted on said main driven shaft between said main driving and main driven plates and bevel wheels, a series of clutch plates non-rotatably fitted to said carrier and cooperating with complementary friction plates non-rotatably fitted to said main driving plate and main driven plate respectively, a series of planet bevel wheels engaging with said main driving and main driven bevel wheels, trunnion pins radially disposed with respect to said main driving shaft and serving as



bearing pins for said planet bevel wheels, said trunnion pins being so mounted in said carrier unit that the latter can move longitudinally along the main driven shaft without displacing said trunnion pins, means for urging said clutch plates into tight contact for effecting forward running of the transmission unit, a brake band associated with said carrier unit and means for controlling said brake band to prevent rotation of said carrier unit at will and thereby effect astern running of said transmission unit.

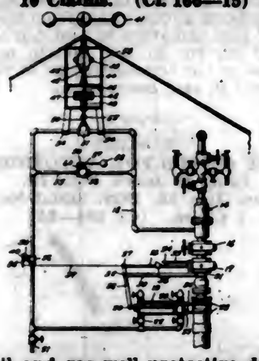
2,104,659
LOOSE LEAF BINDER
Harold C. Lenhart, Syracuse, N. Y., assignor to McMillan Book Company, Syracuse, N. Y., a corporation of New York
Application May 27, 1932, Serial No. 613,905
26 Claims. (Cl. 129—24)



1. A loose leaf binder comprising a back member, a cover hingedly connected to the back member, a plurality of posts, fastening means adapted to secure the posts to said back member, releasable means for maintaining the fastening means in the inoperative position and separate means for automatically moving the fastening means when released into holding engagement with the posts.

11. A loose leaf binder comprising a back member, a cover connected to the back member, a plurality of leaf-impaling posts, means moved into position by closing of the cover for aligning the adjacent ends of the posts, and means for automatically securing the posts to the back member during the closing of the cover.

2,104,660
OIL AND GAS WELL PROTECTIVE DEVICE
Alfred B. Long and Louis E. Stagg, Jr., Beaumont, Tex.
Application May 10, 1937, Serial No. 141,849
10 Claims. (Cl. 166—15)



1. An oil and gas well protective device comprising the combination with the well "Christmas-tree" having a shut off valve, of means for housing the "Christmas-tree", and means for automatically shutting off the valve upon a predetermined wind velocity or rise in water level.

2,104,661
SAFETY LOCKING AND OPERATING SYSTEM FOR CELL DOORS
Howard P. Manly, Dalton, Ga., assignor to Manly Jail Works, Dalton, Ga., a partnership composed of Frank Manly, Howard P. Manly, and W. Judson Manly
Application March 24, 1937, Serial No. 132,852
14 Claims. (Cl. 189—7)



1. In an operating and locking system for a plurality of sliding cell doors having a master door propelling member, selector means for connecting any selected door to be operated by said propelling member; and automatic safety locking means associated with the door carriage operated by said propelling member both during its initial and final opening and closing movements.

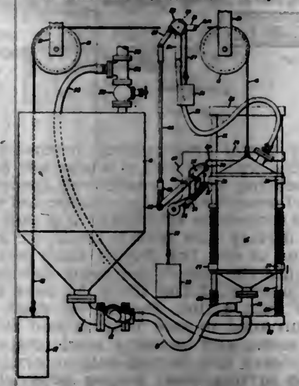
2,104,662
CANOPY FOR BROODER STOVES
Ansen J. Meeks and Louie W. Meeks, Hillsdale, Mich.
Application December 5, 1936, Serial No. 114,476
3 Claims. (Cl. 119—33)



1. A canopy for brooder stoves comprising upper and lower substantially horizontal screen

wire sections disposed in overlapping relationship adjacent to the lower edge of a conventional brooder stove canopy and forming a hover extending several inches therebeyond, supporting legs for certain of the sections, and blankets for covering the sections, each blanket having a hang adapted to hang down over the outer end of the respective section.

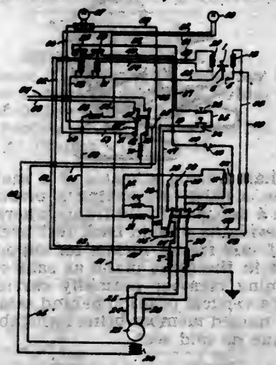
2,104,663
APPARATUS FOR PUMPING AND MIXING LIQUIDS
Francis C. Metzger, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application March 16, 1936, Serial No. 68,994
3 Claims. (Cl. 103—243)



1. An apparatus for pumping and mixing liquids comprising a tank having openings at the top and bottom therein, a second tank mounted above and adjacent to the first tank and having top and bottom openings therein, a pipe connecting the bottom openings of said tanks, a two-way valve connected to the top opening in the first tank, to a supply of compressed air and to the atmosphere, means mounted adjacent the first tank operated by the combined weight of said first tank and the liquid therein for turning said valve to one position so that the first tank is opened to the atmosphere and the liquid flows by gravity from the second tank and into the first tank and to a second position so that the compressed air is admitted to said first tank and the liquid is forced out the bottom opening therein, a second pipe connecting the bottom of the first tank and the top of the second tank and a check valve connected in said first pipe for preventing the liquid from returning therethrough to the second tank and for causing the liquid to be forced through said second pipe to said second tank.

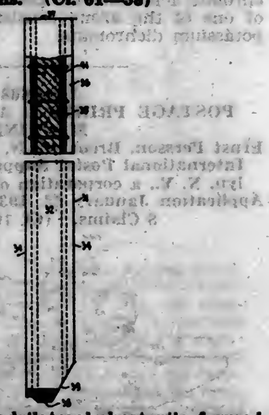
2,104,664
SLIP FREQUENCY RELAY
Frank H. Millikan, Mansfield, Ohio, assignor to The Ideal Electric and Manufacturing Company, Mansfield, Ohio, a corporation of Ohio
Application November 15, 1934, Serial No. 753,213
6 Claims. (Cl. 172—239)

2. In a system for starting synchronous motors having a stator armature and a rotor winding, a main switch for connecting the stator of the motor to a source of alternating current, a remote control for said switch, a switch for connecting the rotor winding to a source of direct current, a relay for controlling the actuation of the direct current connecting switch, said relay comprising a contactor, a spring tending to close said contactor, a rock shaft, means on said rock shaft for engaging said contactor to open the same, an armature on said rock shaft, a first coil for exerting a torque on said armature tending to open said contactor, a second armature



on said rock shaft, a second coil for exerting a torque on said second armature in opposition to the torque exerted by said first coil on the first armature to permit the spring to close said contactor, means connecting the second coil across the source of alternating current, a transformer having its primary connected in series with said stator, and means connecting the secondary of the transformer to the first coil of said relay.

2,104,665
SHEET PILING
Eric O. Molke, Montreal, Quebec, Canada
Application March 7, 1935, Serial No. 9,862
In Canada June 2, 1934
13 Claims. (Cl. 61—53)



1. A generally quadrilateral sheet pile formed with a longitudinal channel in one of its sides and including means located at intervals in the length of the channel extending from side to side of said channel and outwardly of the bottom thereof, said means being adapted for embedment in a grouting poured in the channel after the pile is driven and interlocking with an adjoining pile whereby said first mentioned pile is held against movement in its longitudinal direction relatively to the adjoining pile.

2,104,666
EASY CHAIR OR THE LIKE CONVERTIBLE INTO COUCH, DIVAN, BED, OR THE LIKE
Sándor Molnár, Budapest, Hungary
Application May 1, 1936, Serial No. 77,440
In Hungary March 3, 1936
5 Claims. (Cl. 155—45)

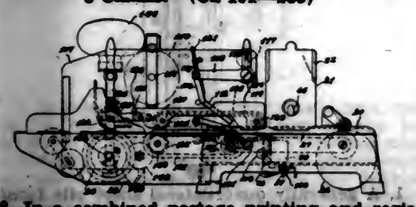


4. A chair having a seat and a seat supporting frame, a back rest having a pivotal connection with a portion of said frame whereby to permit the swinging of said back rest over and forwardly of said frame, means for supporting said back rest in the same plane as said seat, and a rest forming member normally carried by said frame in a vertical position behind said back rest, said last named member being swingable into the same plane as said seat.

2,104,667
TREATMENT OF RUSTLESS IRON
James N. Ostrofsky, Baltimore, Md., assignor, by mesne assignments, to Rustless Iron and Steel Corporation, Baltimore, Md., a corporation of Delaware
No Drawing. Application April 15, 1933, Serial No. 666,290
5 Claims. (Cl. 148—6.5)

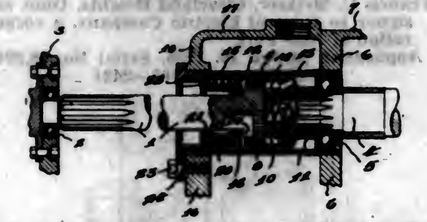
1. The art of passivating rustless iron and steel without etching the surface of the metal, which includes subjecting said iron and steel to the action of a solution of 0.1 per cent to 4.0 per cent of one of the group consisting of nitric and chromic acids and 0.1 per cent to 4.0 per cent of one of the group consisting of sodium and potassium dichromate.

2,104,668
POSTAGE PRINTING AND METERING MACHINE
Ernst Persson, Brooklyn, N. Y., assignor to The International Postal Supply Company, Brooklyn, N. Y., a corporation of New York
Application January 22, 1936, Serial No. 60,493
8 Claims. (Cl. 101—235)



8. In a combined postage printing and registering machine, rotatable printing means, a base therefor, a frame mounted on said base, tape carrying means on said frame, an arm pivoted on said frame, a tape guiding member carried by said arm and comprising a pair of plates, one of said plates being pivotally and yieldably secured to the other of said plates, and cooperating means on the frame and said arm for holding said arm in either of two positions, the arm in one position holding the tape guiding member in spaced relation to said printing means and in another position holding said member in contiguous relation to the printing means whereby the tape carried by said member may be printed.

2,104,669
FLEXIBLE CLUTCH SHAFT CONSTRUCTION FOR AUTOMOTIVE POWER PLANTS
Carl D. Petersen, Toledo, Ohio
Application October 17, 1935, Serial No. 45,463
2 Claims. (Cl. 64—9)



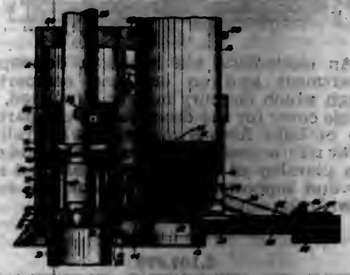
1. In a power transmitting mechanism, the combination with the wall of a gear box having a journal bearing and a second wall spaced apart from the former wall, a sleeve supported between said walls concentric with the axis of said journal bearing, driving and driven shaft sections arranged end to end, the driving shaft section extending into the sleeve and being journalled at one end outside of the sleeve to have a slight universal joint action, the driven shaft section being journalled in said bearing and extending into the sleeve and having a head rotatably fitting the sleeve and formed with internal clutch teeth, the driving shaft having external clutch teeth meshing with the internal clutch teeth, the driving shaft section, which is journalled at one end to have a universal joint action, being supported at its other end solely by the engagement of the external clutch teeth with the internal clutch teeth of the head supported within the sleeve.

2,104,670
DENTAL SYRINGE
Alphonse F. Pieper, Rochester, N. Y.
Application January 17, 1935, Serial No. 2,208
13 Claims. (Cl. 128—257)



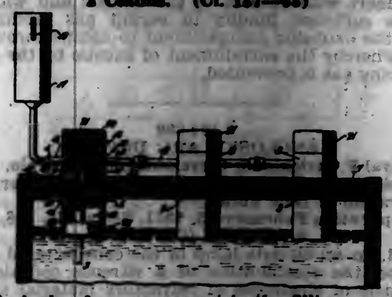
1. A syringe comprising a body portion provided with a valve chamber having fluid inlet and outlet passages, a nozzle connected with said body portion and communicating with said outlet passage, a valve in said chamber for closing said outlet passage including a tapered extension movable within the outlet passage when opening the valve whereby to provide for a gradual increase in the flow of the fluid through the outlet passage to the nozzle, operating means for the valve, and means adjustable on said body portion for cooperation with said operating means to vary the extent of movement of the valve operated thereby whereby to vary the rate of discharge of the fluid to the nozzle under different operating conditions.

2,104,671
CAPPING HEAD FOR APPLYING CLOSURES TO MILK BOTTLES AND THE LIKE
Lee D. Pierce, Fulton, N. Y., assignor to Oswego Falls Corporation, Fulton, N. Y., a corporation of New York
Application October 25, 1935, Serial No. 46,762
9 Claims. (Cl. 226—86)



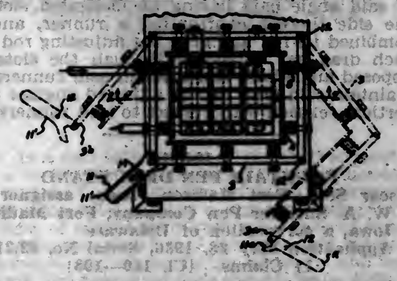
3. A machine for applying closures to milk bottles and the like comprising a body formed with a passage to receive the upper end of the bottle, a magazine arranged to receive a plurality of paper disks in stack formation, a reciprocating slide member operable to transfer said disks successively from the magazine into said passage with the peripheral margin of the disk overlying the top edge of the bottle, means for pressing said marginal portion of the disk against the top edge of the bottle and during such pressing action to force the central portion of the disk into the mouth of the bottle and subsequently expand that portion of the disk contiguous the central portion into contact with the mouth of the bottle.

2,104,672
AUTOMATIC LIQUID FEED FOR STORAGE BATTERIES
Osborne S. Ralmer, Montgomery, Ala.
Application February 8, 1937, Serial No. 124,758
2 Claims. (Cl. 137—63)



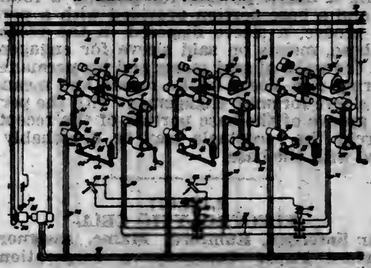
3. A plug for engagement in the filling opening of a battery cell, said plug having a bore, means to supply liquid to said bore, a valve in said bore to govern the flow of liquid therethrough, a float carried by said plug, said plug having spaced openings, arms carried by said float and slidable in said openings, and means operable when one of said arms has reached a predetermined position in its opening to operate said valve.

2,104,673
SHRINK FIXTURE
Oliver O. Rieser, Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio, a corporation of Ohio
Application September 16, 1935, Serial No. 40,630
15 Claims. (Cl. 18—2)



1. In a shrink fixture, the combination of a cooling mandrel and a resilient jacket encircling the same.

2,104,674
CONTROL SYSTEM
Frederic M. Roberts, Schenectady, and Earl H. Sills, Scotia, N. Y., assignors to General Electric Company, a corporation of New York
Application July 29, 1936, Serial No. 93,244
2 Claims. (Cl. 172—293)



2. A control system for apparatus having a succession of sections each having an element for operating on a moving length of material comprising an individual electric motor for driving each of said sections, an individual speed regulating device for each of said motors, each of said speed regulating devices having a device for varying the speed setting thereof comprising an electrical motion transmitting device, an electrical motion receiving device, and electrical connections between said transmitting and receiving devices, and selector switching mechanism for connecting the transmitting device associated with a selected section of the machine to the receiving devices associated only with the succeeding sections in the direction of travel of said material whereby when the speed of the motor for said selected section is changed the speeds of the succeeding motors in the direction of travel of the material are simultaneously changed.

2,104,675
COMBINED SCRAPER AND GRADER
George Ruff, Kane, Wyo.
Application April 22, 1936, Serial No. 75,803
2 Claims. (Cl. 37—148)



1. A drag comprising a pair of parallel spaced apart runners, a pair of transversely extending parallel drag bars disposed between said runners, angle bars secured to the ends of said bars, each of said angle bars having an elongated slot in the side thereof confronting a runner, and a combined tie rod and drag bar adjusting rod for each drag bar extending through the slots of opposed angle bars and through said runners to maintain said drag bars in adjusted angular and vertical relation with respect to said runners.

2,104,676
FOUNTAIN PEN DESK STAND
Oscar Senf, Fort Madison, Iowa, assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa, a corporation of Delaware
Application May 28, 1936, Serial No. 82,213
11 Claims. (Cl. 120—108)



1. In a fountain pen desk stand including a base having a recess therein and a receptacle having a barrel portion for holding a fountain pen and a base portion provided with a peripheral groove, a sleeve disposed in the recess of the base, means on said sleeve for engagement with the walls of said recess and for permanently securing said sleeve in the recess, and means on said sleeve for snap engagement with the peripheral groove of the base portion of the receptacle whereby the receptacle may be detachably engaged with the base.

2,104,677
ELECTROLYTIC CELL
Einar Sorensen, Rumford, Maine, assignor to Oxford Paper Company, a corporation of Maine
Application October 1, 1935, Serial No. 43,027
15 Claims. (Cl. 204—58)



1. An electrolytic cell having a decomposing compartment and an oxidizing compartment through which mercury may be circulated, a mercury pump for lifting the mercury from the oxidizing compartment to the decomposing compartment and a water feeding device discharging into the well of the mercury pump.

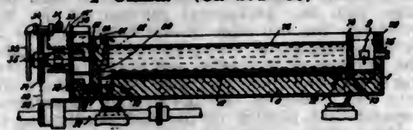
5. An electrolytic cell having a decomposing compartment and an oxidizing compartment through which mercury may be circulated and means for causing flow of the mercury through the decomposing compartment in a tortuous path in one undivided continuous stream, the floor of the decomposing compartment being provided with a plurality of drops over which the mercury is caused to flow during its travel in said tortuous path.

2,104,678
ELECTROLYTIC CELL
Einar Sorensen, Rumford, Maine, assignor to Oxford Paper Company, a corporation of Maine
Original application October 1, 1935, Serial No. 43,027. Divided and this application May 23, 1936, Serial No. 81,344
4 Claims. (Cl. 204—58)



1. An electrolytic cell having a decomposing compartment and an oxidising compartment through which mercury may be circulated, a removable cover for the decomposing compartment made of light fibrous material, a plurality of metallic reinforcing bars strengthening said cover, and a plurality of anodes rigidly secured to the cover and supported solely thereby and removable with the cover as a unit.

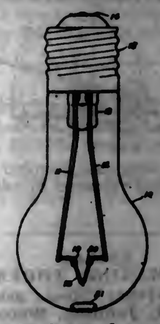
2,104,679
METHOD OF OPERATING ELECTROLYTIC CELLS
Einar Sorensen, Rumford, Maine, assignor to Oxford Paper Company, a corporation of Maine
Application June 23, 1936, Serial No. 86,725
1 Claim. (Cl. 204—58)



The method of operating an electrolytic cell of the type which has a decomposing compartment and an oxidizing compartment through which mercury may be circulated, which comprises producing and maintaining a body of caustic solution in the oxidising compartment, and maintaining on the surface of the caustic solution a layer of hydrocarbon mineral oil which is inert with respect to the caustic and which has sufficient fluidity to permit gas produced in the oxidizing compartment to escape through it whereby the entrainment of caustic by the escaping gas is prevented.

2,104,680
ENCLOSED ARC DEVICE
Royal F. Strickland, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application February 25, 1931, Serial No. 518,146
4 Claims. (Cl. 176—1)

1. In an electric lamp of the concentrated arc type, the combination of a vitreous container, a pair of electrodes of refractory material supported within said container and having leads connected thereto, and a coiled filament, said filament extending out of line with and being in multiple relation to said arc gap and having end portions thereof each extending through



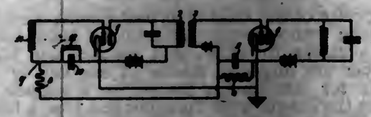
one of said electrodes and connected to the adjacent lead whereby an arc first starts between portions of said filament and then travels to its final position between said electrodes.

2,104,681
METHOD OF IRRADIATION
George C. Supplee, Bainbridge, N. Y., assignor of one-half to The Borden Company, a corporation of New Jersey, and one-half to National Carbon Company, Inc., a corporation of New York
Application September 21, 1933, Serial No. 690,410
13 Claims. (Cl. 99—13)



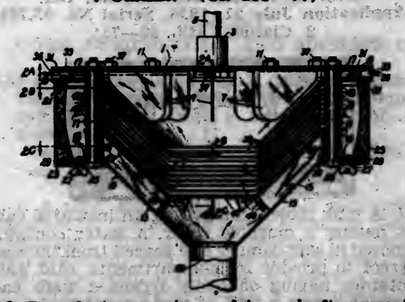
1. Method for irradiating milk with ultra-violet energy which comprises impinging ultra-violet energy upon the surface of the milk in such a manner that the angles of incidence of most of the rays of energy impinging on the milk are between 30° to 50° from parallel, and none of them impinge normally thereon.

2,104,682
AMPLIFIER CONTROL CIRCUITS
Bernardus Dominicus Hubertus Tellegen, Eindhoven, Netherlands, assignor to Radio Corporation of America, a corporation of Delaware
Application September 24, 1930, Serial No. 484,005
In the Netherlands October 2, 1929
12 Claims. (Cl. 179—171)



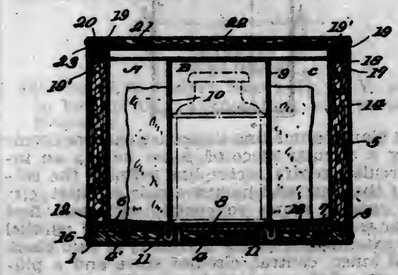
1. In combination, a plurality of successive electron discharge tubes, and means associated with the input circuit of a succeeding tube, and connected with the input circuit of a preceding tube to vary the grid voltage of the latter in a negative sense in accordance with grid current variation in the succeeding tube, and means for normally maintaining said preceding tube biased to at least cut-off.

2,104,683
DUST SEPARATOR
Hugo Van Rosen, Newton Center, Mass., and Grover W. Lapp, Le Roy, N. Y.; said Lapp assignor to said Van Rosen, now by judicial change of name Hugo Van Roosen
Application July 6, 1933, Serial No. 679,222
7 Claims. (Cl. 183—77)



6. In a dust separator, a driven shaft supported on a vertical axis, a shrouded impeller mounted on said shaft, said impeller having a downwardly protruding inlet mouth, a separator comprising a series of spaced truncated cones, nested under the inlet mouth of said impeller, for rotation therewith, said cones flaring upwardly and outwardly, the truncated ends thereof being open to form an axial space communicating with said mouth, the bottom cone being closed, and a dust collector casing surrounding said separator and mounted upon the impeller, for rotation therewith.

2,104,684
SANITARY STEEL MILK COOLING CABINET
John E. Wilson, Jr., Smyrna, Del.
Application October 11, 1934, Serial No. 747,862
Renewed March 10, 1937
1 Claim. (Cl. 62—79)



As a new article of manufacture, a milk cooling cabinet comprising an oblong shaped outer container having bottom portions at each end inclined downwardly towards the center and terminating at a central flat portion, an oblong shaped inner container arranged transversely within the outer container on said flat portion, the arrangement forming a water compartment with an ice compartment at each end thereof, the bottom of said inner container having an area equal to the area of the centrally disposed flat portion and said container being constructed to provide vertical walls against which the ice is adapted to be maintained by gravity sliding on the inclined end portions, said water compartment being provided with an overflow adjacent its upper end extending laterally through one wall thereof and communicating with one of the

end compartments, a drain for each of said ice compartments provided with a trap and a cover for closing the outer compartment.

2,104,685
STORAGE MILK COOLER
John E. Wilson, Jr., Smyrna, Del.
Application July 31, 1936, Serial No. 93,703
2 Claims. (Cl. 62—75)



2. A milk cooler, comprising an insulated cabinet having a movable cover, a water container disposed in said cabinet and spaced from the walls thereof to provide ice compartments, said water container having obliquely arranged walls each of which forms a wall of said ice compartments, the bottom of said ice compartments inclined towards the obliquely disposed walls of the water container whereby the ice compartment bottoms and the obliquely disposed water container walls are arranged at substantially right angles to one another for the purpose described, and said water container having an opening adjacent said movable cabinet cover to allow milk containers to be inserted into and removed from said water container.

2,104,686
GARBAGE CAN LINER
Elsie E. Weed, Whittier, Calif.
Application March 16, 1936, Serial No. 69,116
4 Claims. (Cl. 220—65)



1. A blank for making a garbage can liner comprising a circular piece of paper having an inner circular, central, score line defining the bottom of the liner and having a pair of outer, circular, spaced, scores concentric with said first circular score and a plurality of pairs of parallel scores extending from the periphery of said blank to said inner, central, circular score and a plurality of radial scores each extending from the juncture of one of said parallel scores and the circular, central score to the inner one of the pair of outer circular scores and a pair of diverging scores extending outwardly from the intersection of each of said radial scores and said inner one of the pair of outer circular scores.

2,104,687
ANIMAL TRAP
Joseph D. Cahn, Lititz, Pa., assignor to Animal Trap Company of America, Lititz, Pa., a corporation of Pennsylvania
Application May 17, 1935, Serial No. 21,934
25 Claims. (Cl. 43—88)

1. In an animal trap having animal restraining means including a movable member, and trigger controlled means for holding it in set position, a yielding retraction element comprising a body of elastic rubber operatively connected with said



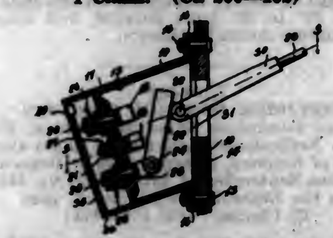
member for returning said member to normal released position when released by said trigger controlled means.

2,104,688
METHOD OF MAKING THREADED TUBES
John A. Adell, Orange, Mass., assignor of one-half to Alvin L. Johnson, Worcester, Mass.
Application October 1, 1934, Serial No. 746,323
3 Claims. (Cl. 29—156)



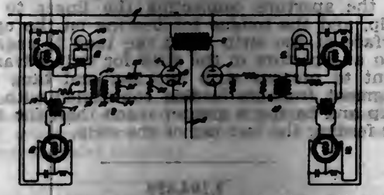
1. The method of making an internally threaded tube which consists in rolling a blank of steel to the desired shape and simultaneously rolling upon it a thickened portion, cutting the blank to a form in which the thickened portion is shorter than the main portion of the blank, forming the blank into a complete cylinder, welding the two edges of the cylinder together, and providing an internal screw thread in the thickened portion.

2,104,689
AUTOMOBILE SAFETY SWITCH
John Abner Barker, Roseboro, and Robert Lee Dew, Clinton, N. C.
Application August 6, 1936, Serial No. 94,714
1 Claim. (Cl. 200—162)



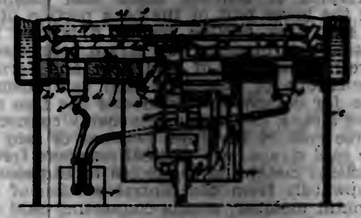
A device of the class described having a switch provided with a contact and with a blade member, a casing in which said contact and blade member are disposed, means at one end of the casing for attachment thereof to a support to mount the casing with the other end free, a tubular casing of insulation surrounding the first mentioned casing and extending beyond the latter end of the first mentioned casing, a block of insulation carried by the first mentioned casing mounting said contact and blade, a door closing one end of the tubular casing accessible at the free end of the first mentioned casing, lock means normally securing said door closed, said door being on the extended portion of the casing, a support engaged by said means, a sheet of insulation between the said first mentioned casing and support, said sheet and support having slots therein and operating means engaging the blade member and extending through said slots.

2,104,690
ELECTRIC VALVE CIRCUITS
Burnice D. Bedford, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application April 25, 1936, Serial No. 76,450
21 Claims. (Cl. 175—363)



1. In combination, a source of alternating potential, an impedance element, an inductive device having a core member, a unidirectional magnetizing element and a winding connected in series with said impedance element across said source, and means responsive to an electrical condition of said impedance element for supplying a periodic electrical quantity having positive portions of substantially shorter duration than the negative portions.

2,104,691
LIQUID FUEL BURNING APPARATUS
Frank O. Cole, Detroit, Mich., assignor to The Timken-Detroit Axle Company, Detroit, Mich., a corporation of Ohio
Application December 26, 1935, Serial No. 56,283
8 Claims. (Cl. 158—4)



1. In a liquid fuel burning apparatus of the wall flame type, having a substantially horizontal hearth surrounded by a wall to be heated, a substantially endless carbureting member located above the hearth and adjacent said wall, said member having a fuel impact surface facing toward the center of the hearth, a distributor head projecting upwardly through said hearth center and spaced from said carbureting member; said head having means for delivering a disc-like blast of air outwardly along the hearth toward said carbureting member, said head further comprising means for projecting liquid fuel toward said impact wall in unatomized condition from the head, said carbureting member embodying a surface operable to deflect said blast of air into proximity to said impact wall, and an intermixing device mounted in a predetermined position on said carbureting member and operable to intimately intermix oil vapors and air currents rising above said carbureting member, said intermixing device being movable into a second predetermined position on said carbureting member, said intermixing device when in said second position having an inter-mixing power that is considerably different from that when it is disposed in said first-named position.

2,104,692
CORK COMPOSITION AND METHOD OF MANUFACTURE
Giles B. Cooke and Scott I. Wilbur, Baltimore, Md., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
No Drawing. Application May 14, 1935, Serial No. 21,482
9 Claims. (Cl. 106—22)

1. A cork composition which is substantially resistant to temperature and humidity changes comprising cork granules present in predominating amount, and a binder therefor comprising a synthetic resin, a glutinous adhesive, a polyhydric alcohol plasticizer which is hygroscopic, and a fatty drying oil in gelled condition, said gelled oil being formed by first reacting the said ungelled oil with an organic amine and then reacting this product in the presence of heat with a polycarboxylic acid anhydride.

2,104,693
WELDROD
Anthony G. de Golyer, New York, N. Y., assignor to Vulcan Alloy Corporation, a corporation of Delaware
No Drawing. Application August 17, 1936, Serial No. 96,463
1 Claim. (Cl. 219—8)

A weld rod comprising a metallic composition containing manganese 1% to 6%, boron 0.50% to 2.25%, carbon 0.10% to 0.60%, silicon not exceeding a maximum of 0.70%, and the remainder substantially iron.

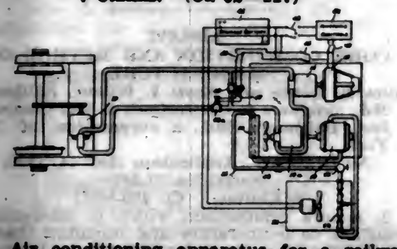
2,104,694
WELDROD
Anthony G. de Golyer, New York, N. Y., assignor to Vulcan Alloy Corporation, a corporation of Delaware
No Drawing. Application March 12, 1937, Serial No. 130,494
1 Claim. (Cl. 219—8)

A weld rod comprising a metallic composition containing manganese 1% to 6%, boron 0.25% to 2.50%, nickel 0.50% to 5%, carbon up to a maximum of 0.60% and the balance substantially iron.

2,104,695
MANUFACTURE OF HALOGENATED DERIVATIVES OF METHANE
Wilfrid Wilson Groave, Widnes, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application October 6, 1936, Serial No. 104,333. In Great Britain October 8, 1935
19 Claims. (Cl. 260—166)

1. The process of preparing completely halogenated fluoromethanes containing halogen other than fluorine which comprises passing a gaseous mixture of carbon disulphide, hydrogen fluoride, and a halogen other than fluorine over a halide of a metal of the group consisting of iron, cobalt, nickel, copper, barium, strontium, chromium and zinc.

2,104,696
REFRIGERATION DRIVE
Milton E. Hansen, Collingswood, N. J., assignor to B. F. Sturtevant Company, Inc., Hyde Park, Boston, Mass.
Application February 26, 1935, Serial No. 8,261
7 Claims. (Cl. 62—117)



1. Air conditioning apparatus for a railway passenger car, comprising an air conditioning compartment, air cooling means in said compartment, a fan for passing the air to be conditioned through said compartment and for discharging it into the passenger space, an electric motor for driving said fan, a refrigerant compressor for providing a cooling effect for said means, an electric generator for supplying current to said motor, hydraulic means for driving said compressor and generator, and a hydraulic pump driven through the movement of said car for energizing said hydraulic means.

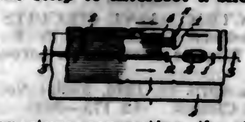
2,104,697
ELECTRIC LAMP
Ernst E. W. Kassner, London, England, assignor to Universal Inventions Limited, London, England, a British company
Application July 8, 1936, Serial No. 89,489
In Germany July 9, 1935
7 Claims. (Cl. 176—122)



1. An electric lamp comprising a double-walled vessel, two electrodes arranged in said vessel, said vessel being shaped so as to form a restricted discharge path between said electrodes, a gaseous body in said vessel, the pressure of said body being chosen so as to set up electrical ultra-short oscillations in said body whenever a discharge between said electrodes is started, a resonant system arranged in the central portion of said double-walled vessel and tuned to the frequency of the ultra-short oscillations set up in said body, means for coupling said system to said body and means for superimposing the oscillations excited in said system on the discharge started between said electrodes.

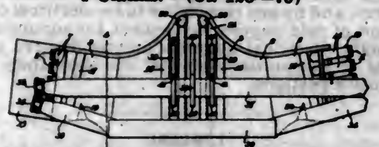
2,104,698
PRICE TAG
Frederick Kohnle, Dayton, Ohio, assignor to The Monarch Marking System Company, Dayton, Ohio, a corporation of Ohio
Application October 29, 1934, Serial No. 750,435
Renewed October 5, 1937
2 Claims. (Cl. 271—2.5)

1. A device for feeding a tag strip, the strip having spaced apertures relatively in alignment longitudinally of the strip, comprising a table for sustaining the strip, a finger sustained over the table and reciprocable longitudinally of the strip having its forward end bifurcated, providing a tang and a tongue relatively adjacently disposed, the tang for engagement into an aperture of the strip to intersect a shoulder formed



by the aperture connecting the finger to the strip, and the tongue for bearing on the upper surface of the strip when the tang is engaged into an aperture in the strip for strip advancement to prevent strip buckling and tang dislodgment from its feeding connection with the strip and having a greater reach than the tang for feeding the last tag of the strip.

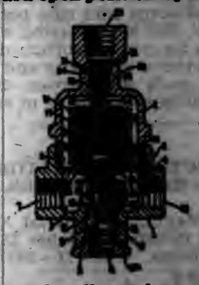
2,104,699
SURGICAL APPLIANCE
Leonard R. O'Dell, Adams Center, N. Y., assignor to N. Avery Jenkins, Adams Center, N. Y.
Application August 3, 1936, Serial No. 93,951
4 Claims. (Cl. 128—78)



4. In a surgical appliance, the combination of a wide body belt comprising a centrally disposed back portion and two front portions joined to the respective ends of the back portion and forming continuations thereof, a horizontal member formed of resilient metal and extending along the lower part of the back portion of the belt, said back portion having a bottom hem enclosing said member, two straps connected to the respective ends of said hem and forming continuations of said hem and said member, means for detachably connecting the free ends of said straps, means for detachably connecting the free ends of the front portions of said belt above said straps, two vertical members formed of resilient metal and connected to and extending upwardly from the central portion of said horizontal member, means connecting said vertical members to the back portion of the belt above said hem, the last named means maintaining the vertical members in lateral spaced relation, a pressure belt outwardly of said vertical members and the body belt and narrower than the latter and provided with front portions having means for detachably connecting them, and means to retain the pressure belt in spaced relation to the ends of the vertical members.

2,104,700
PRESSURE REGULATING DEVICE
Philip S. Russel, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application April 5, 1937, Serial No. 135,045
10 Claims. (Cl. 137—153)

1. In a fluid pressure regulating device, a casing having an inlet and a pair of outlets, a valve member controlling flow from each of said outlets, a hollow body member in said casing and having movable end walls operatively engaging said valve members, said valve members being movable toward open position upon inward move-

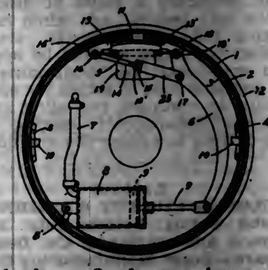


ment of said end walls, and means to cause inward movement of one of said walls prior to such inward movement of the other of said walls as will open its valve member.

2,104,701
PROCESS OF MAKING VANILLIN
Lloyd T. Sandborn, Wausau, Wis., assignor to Marathon Paper Mills Company, Rothschild, Wis., a corporation of Wisconsin, and Guy C. Howard Company, Rothschild, Wis., a corporation of Washington, jointly
No Drawing. Application March 1, 1937, Serial No. 128,553
16 Claims. (Cl. 260—137)

1. A process for making vanillin which comprises cooking under pressure with water and an alkali-metal hydroxide, a material selected from the group consisting of ligno-cellulose, crude lignin extract, and a lignin-sulfonic acid compound to produce an alkaline vanillin-containing liquor, extracting vanillin from said liquor with a substantially water-immiscible alcohol, separating the alcohol from the said liquor, recovering crude vanillin from said alcohol and treating said crude vanillin to secure pure vanillin.

2,104,702
BRAKE MECHANISM
Charles O. Bowers and Andrew C. Williams, Lansing, Mich., assignors of one-third to Samuel H. Davis, Lansing, Mich.
Application December 21, 1936, Serial No. 117,090
6 Claims. (Cl. 188—78)

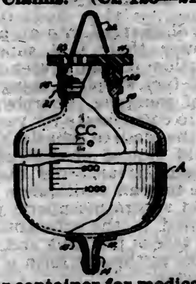


1. In a brake, a fixed support, an anchor on said support, a rotatable brake drum associated with said support, a floating circular friction band mounted on said support and having separable adjacent ends, power actuating means carried by said friction band and positioned substantially diametrically opposite said separable ends, a relatively long lever extending across said drum and pivoted at one end to said band adjacent one end thereof and pivoted at its other end to said actuating means, a sleeve pivoted to said lever adjacent the connection thereof to said band, and a member telescopically engaging said sleeve and pivoted to the other end of said band.

2,104,703
METHOD FOR THE MANUFACTURE OF CHLOROFORM
Gerald H. Coleman, Bartholdt C. Hadler, and Edward C. Zuckermandel, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application February 13, 1936, Serial No. 63,734
9 Claims. (Cl. 260—165)

9. In a method of making chloroform, the step which consists in agitating a mixture of carbon tetrachloride, water, finely divided iron, and a catalyst containing, as an essential ingredient, a substance selected from the class consisting of lead and catalytically active lead compounds, copper and catalytically active copper compounds and mixtures thereof with ammonium salts.

2,104,704
FLASK
Christian Lee Graber, Lakewood, Ohio
Application June 20, 1936, Serial No. 86,378
4 Claims. (Cl. 128—214)

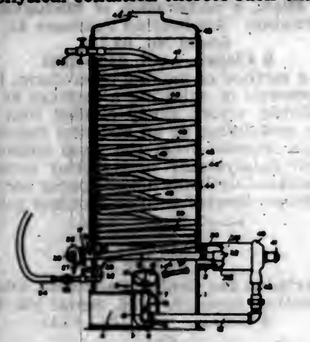


4. A flask or container for medical solution used in intravenous therapy, comprising a transparent body portion, a reduced extension or neck at the lower end of said body portion adapted to have a rubber tube or the like attached thereto, and an elastic cap-like member positioned over said extension or neck, said elastic cap-like member having an annular flange about the open end thereof adapted to engage the body portion of said flask adjacent said reduced extension or neck and adapted to be grasped so that the closure member can be removed from said extension or neck by having at least a portion thereof rolled or pulled back over itself without the operator coming in contact with said extension or neck.

2,104,705
APPARATUS AND METHOD FOR TREATMENT OF LIQUIDS
Walter B. Kerrick, Los Angeles, Calif., assignor, by mesne assignments, to Clayton Manufacturing Company, Alhambra, Calif., a corporation of California
Continuation of application Serial No. 495,636, November 14, 1930. This application October 9, 1934, Serial No. 747,654
13 Claims. (Cl. 299—84)

10. The method of forming a heated spray of constant character containing water vapor and

at least one other material, which comprises, producing a mixture of water and at least one other material by adding one material to the other, pumping said mixture in the form of a stream under superatmospheric pressure and at a substantially constant uniform predetermined rate through an elongated heating zone, said pressure being sufficiently high to overcome any frictional resistance to the flow of said stream and to impart thereto a velocity sufficient to maintain one of said materials dispersed in the other during flow through said elongated heating zone, supplying fuel for progressively heating said stream during said flow to impart a desired predetermined physical condition thereto such that when



the mixture is discharged into an atmosphere at a pressure lower than said superatmospheric pressure a portion of said water will vaporize, the volume of fuel supplied being independent of said rate of pumping, whereby said volume may be varied to compensate for variations in the stream from the desired physical condition to thus obtain said desired predetermined physical condition of said stream, and discharging the heated mixture into an atmosphere at a pressure lower than said superatmospheric pressure at a rate so correlated to the substantially constant predetermined rate of pumping and desired physical condition as to thereby form a spray of said constant character.

2,104,706

FUEL DISTRIBUTING APPARATUS

Nathan M. Lewer, Tuckahoe, N. Y., assignor, by mesne assignments, to The Standard Stoker Company, Inc., (1922), New York, N. Y., a corporation of Delaware

Original application February 13, 1929, Serial No. 339,544. Divided and this application December 20, 1932, Serial No. 703,197

16 Claims. (Cl. 110—101)



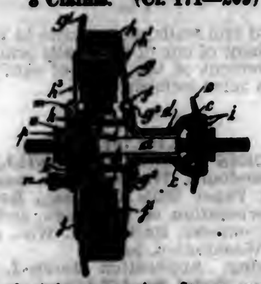
10. In combination, a stoker conduit, a chambered jet member at the delivery end of said conduit including an upstanding wall extending transversely thereof and having a central portion and side portions facing outwardly and disposed angularly with respect to the central portion, a distributor plate extending forwardly from said jet member, said plate having a substantially horizontally disposed central portion immediately forward of the central portion of said upstanding wall and downwardly sloping side portions adjacent said side portions of the upstanding wall, the latter having a plurality of jet openings in its central portion directed over the central portion of said plate and at least one jet opening in each side portion directed over a respective sloping side portion of said plate.

2,104,707

ELECTRIC GENERATOR

George William Rawlings, Park Hill, Kenilworth, England

Application May 1, 1937, Serial No. 140,161
In Great Britain November 26, 1935
8 Claims. (Cl. 171—209)



1. An electric generator for a cycle comprising an annular member fixed to the cycle wheel hub and having a plurality of inwardly directed permanently magnetised poles and a wound multi-polar armature within the annular member and fixed to the cycle wheel spindle.

2,104,708

METHOD OF FORMING DIAMOND TOOLS

Rutherford H. Taylor, Millburn, N. J., assignor to J. K. Smit & Sons, Inc., New York, N. Y., a corporation of New York

Application December 14, 1936, Serial No. 115,735
1 Claim. (Cl. 76—101)



The method of forming a diamond tool which consists in providing a series of disks of hard alloy which will become soft when heated, the disks having holes therethrough, stacking the disks so that the holes will not be opposite and will form cells each cell containing a single diamond, applying heat to soften the alloy, applying pressure to compact the alloy around the diamonds, and subsequently cutting away one end of the setting to expose the end diamonds.

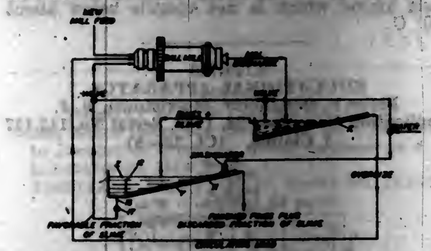
2,104,709

CLOSED CIRCUIT GRINDING

Arthur John Weinig, Golden, Colo., assignor to The Mine & Smelter Supply Co., Denver, Colo., The Stearns-Roger Manufacturing Co., Denver, Colo., and The Dorr Company, Inc., New York, N. Y.

Application April 9, 1932, Serial No. 604,151
Renewed July 18, 1936
12 Claims. (Cl. 83—94)

1. The process of closed circuit grinding wherein a mill is used comprising adding to the mill feed slime having therein a preponderance in number of solids whose size is less than that



of a suspensoid, and rejecting from the circuit slimes having therein larger sized solids.

2,104,710

PROCESS FOR THE PRESERVATION OF LIQUIDS

Frederick C. Blanck, Washington, D. C., Theodore L. Swenson, Chevy Chase, Md., Hugh H. Mottern, Pullman, Wash., and Harry E. Gerseline, Silver Spring, and Elmathan K. Nelson, Silge Park Hills, Md., dedicated to the free use of the People of the United States of America

No Drawing. Application May 19, 1937, Serial No. 143,538
2 Claims. (Cl. 99—155)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. The process of preserving liquids subject to deterioration by gas and bacterial spoilage, which comprises reducing the liquids to a thin film, subjecting said thin film to a vacuum and for a length of time, sufficient to remove a substantial amount of any gas present, and immediately reducing the liquid to a continuously moving thin ribbon, bringing the liquid in ribbon form to a pasteurizing temperature within a period of 6 to 8 seconds, immediately cooling the liquid to 170° to 180° F., filling into containers at this temperature, sealing said containers and immediately cooling.

2,104,711

REFRIGERATING APPARATUS

Philip M. Bratton, Fort Worth, Tex., assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application March 17, 1936, Serial No. 69,352
2 Claims. (Cl. 211—153)



1. A shelf adapted to be supported in a food storage compartment of a refrigerator cabinet comprising, a rim member, a plurality of spaced apart members disposed in the same plane and extending from one side to the opposite side of said rim member to form a substantially flat food supporting surface for said shelf, certain of said spaced apart members being bent downwardly of certain other of said members adjacent said rim member and forming a pocket for the reception of a temperature indicating means below said food supporting surface, and the certain other of said members adjacent said pocket forming stop means for preventing movement of the temperature indicating means adapted to be positioned in said pocket.

2,104,713

FEEDING MECHANISM FOR ROCK DRILLS

John C. Curtis, Garfield Heights, Ohio, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio, a corporation of Ohio

Application August 12, 1935, Serial No. 35,717
30 Claims. (Cl. 121—9)



1. In a feeding device for a rock drill, the combination with a support and a drilling motor slidable thereon, a feeding mechanism associated with said motor for imparting forward and backward feeding motion thereto, said mechanism comprising a duality of tooth elements longitudinally of the support, a member carried by said motor capable of operative engagement with the teeth of one or the other of said elements, power actuated means associated with said member for imparting movement thereto relative to said motor, and operable means for selectively moving said member in operative engagement with the teeth of one or the other of said elements for causing forward or backward feeding motion of said motor due to the movement of said member relative to said motor.

2,104,712

METHOD OF MAKING A COILED METALLIC STRAND

John W. Gottschalk and Sylvester W. Grater, Philadelphia, Pa.; said Grater assignor to said Gottschalk, Annie Gottschalk administratrix of said John W. Gottschalk, deceased

Application September 6, 1935, Serial No. 39,473
12 Claims. (Cl. 140—71)



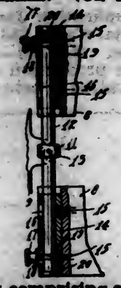
1. The method of forming a metallic abrading strand, which consists in subjecting the strand to a forming operation to provide at least two abrading edges, subjecting a metallic strand while under tension to a coiling operation to impart to it an inherent tendency to form a helical coil, and subjecting the strand while under tension to a deforming operation to increase the abrading surfaces of the strand.

2,104,714

TOILET SEAT

Francis J. Meere, Minneapolis, Minn.

Application August 12, 1936, Serial No. 95,900
8 Claims. (Cl. 4—249)



1. A toilet seat comprising an anchoring bracket, a hinge-rod rigidly secured to and projecting

transversely in opposite directions therefrom, seat sections having grooved ends, sleeves seated in said grooves and rigidly secured to the respective seat sections, said sleeves being telescoped onto the ends of said hinge-rod for pivotal and sliding movements thereon.

2,104,715
DENTAL X-RAY FILM PACKAGE
Jacob A. Saffir, Rockford, Ill., assignor to Jacob William Frankel, Chicago, Ill.
Application August 14, 1936, Serial No. 95,965
7 Claims. (Cl. 250—34)



1. An X-ray film package comprising at least two superimposed upwrapped X-ray sensitive films with X-ray opaque material between them, and a light-opaque X-ray-transparent enclosure for the films.

2,104,716
METHOD OF AND APPARATUS FOR PHOTOGRAPHICALLY RECORDING SOUND WAVES
Joseph Underhill, Finchley, London, England
Application June 28, 1935, Serial No. 28,869
In Great Britain July 11, 1934
11 Claims. (Cl. 179—100.3)

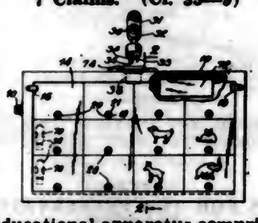


1. The method of recording sound comprising the steps of directing a beam of light on a sound-track area, dividing said beam into two similar parts, moving the inner boundaries of said parts in accordance with one characteristic of the sound to be recorded, and moving the outer boundaries of said parts in accordance with a different characteristic of the sound to be recorded.

2,104,717
PRODUCTION OF OLEFINE ETHERS
Henry C. Chitwood and Granville A. Perkins, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation, a corporation of New York
No Drawing. Application January 7, 1936, Serial No. 57,886
7 Claims. (Cl. 260—151)

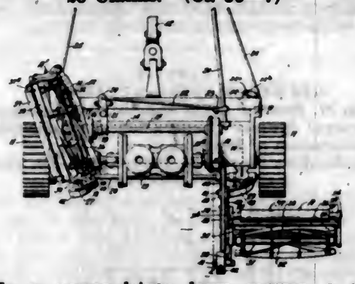
1. Process for the production of olefine ethers which comprises treating a beta-chlorinated aliphatic ether with a strong alkali in the presence of a catalyst essentially composed of a strongly basic amine which is not volatile below about 150° C.

2,104,718
EDUCATIONAL APPARATUS
Pryor E. Dougherty, Morristown, N. J.
Application November 28, 1936, Serial No. 113,127
7 Claims. (Cl. 35—9)



1. An educational apparatus comprising means for supporting a card, said card bearing educational matter in separate sections thereof, a pair of signal devices, manually operable control means adjacent each of said sections, means normally arranged to actuate one of said signals in response to the operation of each control means, and selector means settable at will to cause the operation of the other signal instead of that first mentioned when the selected control means is operated.

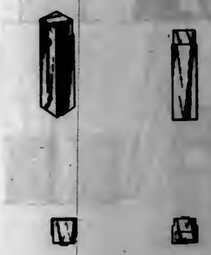
2,104,719
POWER LAWN MOWER WITH SIDE CUTTER UNITS
John B. Pol, La Porte, Ind., and William F. Krenske, Racine, Wis., assignors to Jacobsen Manufacturing Company, Racine, Wis., a corporation of Wisconsin
Application March 12, 1936, Serial No. 68,364
28 Claims. (Cl. 56—7)



1. In a power-driven lawn mower, a main frame, an engine thereon, a main cutter rotatably carried thereby, a side cutter unit pivotally carried by the main frame, and means for selectively driving the side cutter from the engine while the mower is in motion.

DESIGNS
JANUARY 4, 1938

107,738
DESIGN FOR A COSMETIC CASE
Adam Baker Barnhart, New York, N. Y., assignor to Jacqueline Cochran, doing business as J. C. Laboratories, Roselle, N. J.
Application August 9, 1937, Serial No. 70,949
Term of patent 14 years



The ornamental design for a cosmetic case as shown.

107,739
DESIGN FOR A STEMMED GOBLET OR SIMILAR ARTICLE
Elmer Bell, Mt. Pleasant, Pa., assignor to Bryce Brothers Company, Mt. Pleasant, Pa., a corporation of Pennsylvania
Application November 20, 1937, Serial No. 73,052
Term of patent 14 years



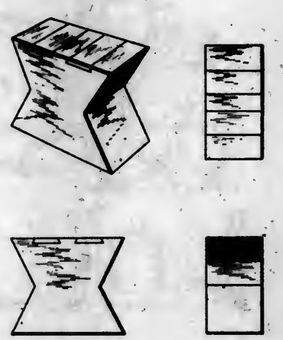
The ornamental design for a stemmed goblet or similar article substantially as shown and described.

107,740
DESIGN FOR A BADGE
Adoree E. Berry, Oakland, Calif.
Application May 29, 1937, Serial No. 69,621
Term of patent 3½ years



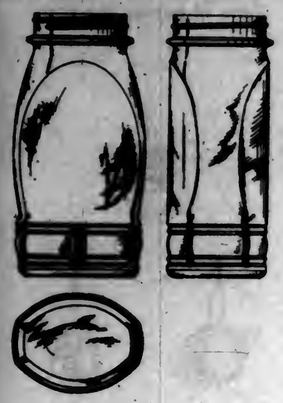
The ornamental design for a badge substantially as shown.

107,741
DESIGN FOR A COMBINATION SALT AND PEPPER SHAKER
James Bissell, Baltimore, Md.
Application November 12, 1937, Serial No. 72,824
Term of patent 14 years



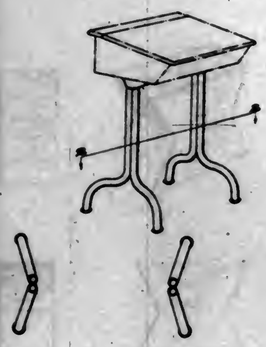
The ornamental design for a combination salt and pepper shaker, as shown.

107,742
DESIGN FOR A JAR
Darrell E. Briner, Winchester, Ind., assignor to Ohean Glass Company, Ohean, N. Y., a corporation of New York
Application November 18, 1937, Serial No. 72,987
Term of patent 7 years



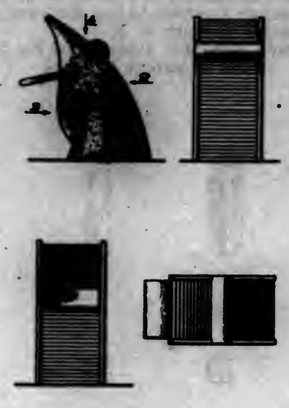
The ornamental design for a jar as shown.

107,743
DESIGN FOR A DESK OR SIMILAR ARTICLE
Herman E. Buchholz, Cambridge, Mass., assignor to Heywood-Wakefield Company, Gardner, Mass., a corporation of Massachusetts
Application March 4, 1937, Serial No. 63,002
Term of patent 3½ years



The ornamental design for a desk or similar article, as shown and described.

107,744
DESIGN FOR A GAME DEVICE
Lorenzo E. Centerbar, Natick, Mass.
Application October 25, 1937, Serial No. 72,412
Term of patent 14 years



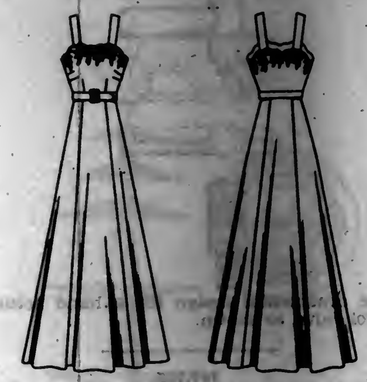
The ornamental design for a game device as shown.

107,745
DESIGN FOR A PENCIL TIP
Isidor Chanler, Oceanport, N. J., assignor to Eagle Pencil Company, New York, N. Y., a corporation of Delaware
Application October 30, 1937, Serial No. 72,532
Term of patent 14 years



The ornamental design for a pencil tip substantially as shown.

107,746
DESIGN FOR A DRESS
Sylvia Connolly, New York, N. Y.
Application November 27, 1937, Serial No. 73,322
Term of patent 3½ years



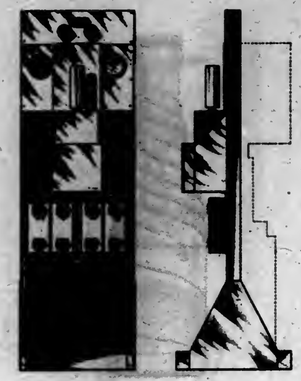
The ornamental design for a dress, substantially as shown, and described.

107,747
DESIGN FOR AN AIR CONDITIONING CABINET
Arthur W. Conley, Shaker Heights, Ohio
Application March 16, 1936, Serial No. 61,647
Term of patent 7 years



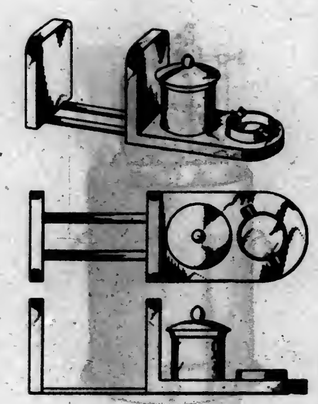
The ornamental design for an air conditioning cabinet substantially as shown.

107,748
DESIGN FOR A TELEPHOTO RECORDER
Austin G. Cooley, Rutherford, N. J.
Application June 10, 1937, Serial No. 69,780
Term of patent 14 years



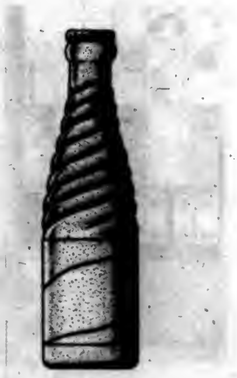
The ornamental design for a telephoto recorder substantially as shown.

107,749
DESIGN FOR A COMBINATION BOOKEND, HUMIDOR, AND ASHTRAY
Hamilton O. Cornwall, New York, N. Y.
Application August 31, 1937, Serial No. 71,403
Term of patent 3½ years



The ornamental design for a combination bookend, humidor, and ashtray, as shown.

107,750
DESIGN FOR A BOTTLE
Salvator D'Addario, New York, N. Y., assignor to Krueger Beverage Company, Newark, N. J., a corporation of New Jersey
Application October 12, 1937, Serial No. 72,134
Term of patent 14 years



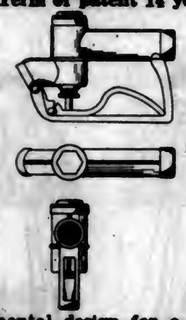
The ornamental design for a bottle as shown and described.

107,751
DESIGN FOR AN ACETYLENE GENERATOR
Maurice P. De Motte, Indianapolis, Ind., assignor to The Prest-O-Lite Company, Inc., a corporation of New York
Application April 24, 1937, Serial No. 68,960
Term of patent 14 years



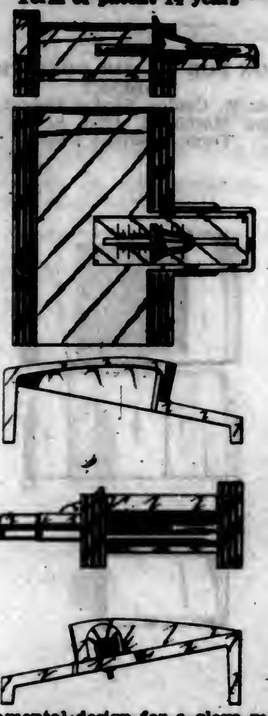
The ornamental design for an acetylene generator, substantially as shown and described.

107,752
DESIGN FOR A HAND ACTUATED CONTROL VALVE
Chesley Dean, Hamilton County, Ohio, assignor to The Wm. Powell Company, Cincinnati, Ohio, a corporation of Ohio
Application October 29, 1937, Serial No. 72,521
Term of patent 14 years



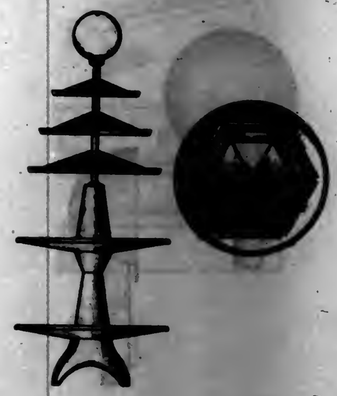
The ornamental design for a hand actuated control valve, as shown.

107,753
DESIGN FOR A GLOVE MEASURING DEVICE
Robert M. Eisendrath, Chicago, Ill., assignor to The Eisendrath Glove Company, Chicago, Ill., a corporation of Illinois
Application November 10, 1937, Serial No. 72,764
Term of patent 14 years



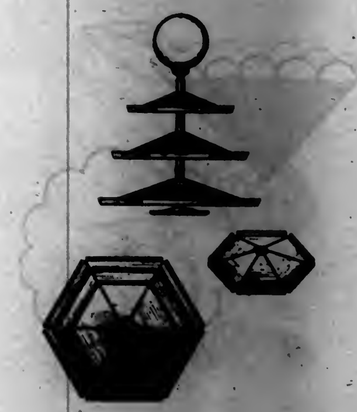
The ornamental design for a glove measuring device, as shown.

107,754
DESIGN FOR A DISPLAY RACK FOR BREAD, PASTRY, OR THE LIKE
Ernest R. Erickson, Des Moines, Iowa, assignor to C. E. Erickson Company, Inc., Des Moines, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,278
Term of patent 7 years



The ornamental design for a display rack for bread, pastry, or the like substantially as shown.

107,755
DESIGN FOR A DISPLAY RACK FOR PASTRIES OR THE LIKE
Ernest R. Erickson, Des Moines, Iowa, assignor to C. E. Erickson Company, Inc., Des Moines, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,279
Term of patent 7 years



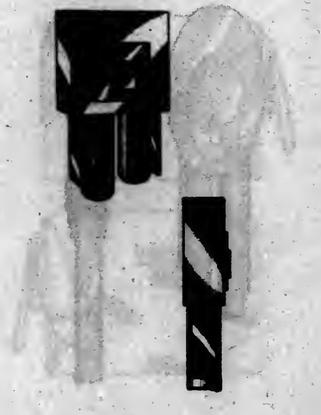
The ornamental design for a display rack for pastries or the like substantially as shown.

107,756
DESIGN FOR A DISPLAY RACK FOR BOTTLED BEVERAGES OR THE LIKE
Ernest R. Erickson, Des Moines, Iowa, assignor to C. E. Erickson Company, Inc., Des Moines, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,280
Term of patent 7 years



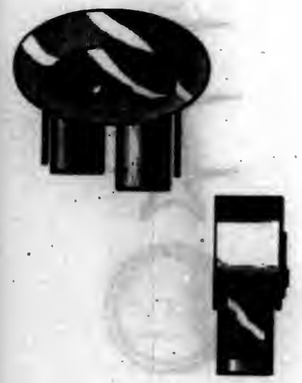
The ornamental design for a display rack for bottled beverages or the like substantially as shown.

107,757
DESIGN FOR A MUSICAL CHIME
Evan G. Evans, Cincinnati, Ohio, assignor to Nu-tone Chimes Inc., New York, N. Y., a corporation of New York
Application October 7, 1937, Serial No. 72,044
Term of patent 3½ years



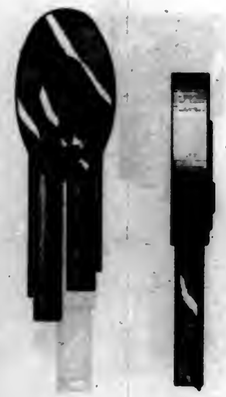
The ornamental design for a musical chime as shown.

107,758
DESIGN FOR A MUSICAL CHIME
Evan G. Evans, Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y., a corporation of New York
Application October 7, 1937, Serial No. 72,645
Term of patent 3½ years



The ornamental design for a musical chime as shown.

107,759
DESIGN FOR A MUSICAL CHIME
Evan G. Evans, Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y., a corporation of New York
Application October 7, 1937, Serial No. 72,646
Term of patent 3½ years



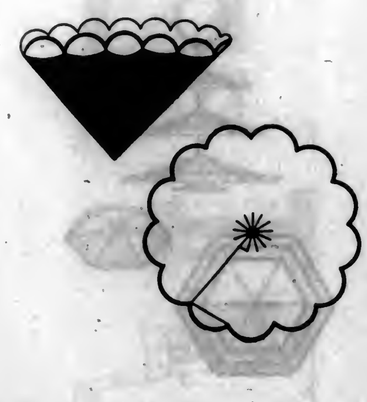
The ornamental design for a musical chime as shown.

107,760
DESIGN FOR A MUSICAL CHIME
Evan G. Evans, Cincinnati, Ohio, assignor to Nutone Chimes Inc., New York, N. Y., a corporation of New York
Application October 7, 1937, Serial No. 72,647
Term of patent 3½ years



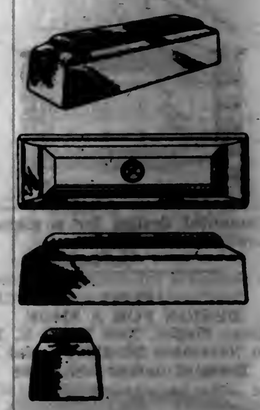
The ornamental design for a musical chime as shown.

107,761
DESIGN FOR A DRIP CATCHER FOR ICE CREAM CONES AND THE LIKE
William George Fair, Hyannis, Mass.
Application August 3, 1937, Serial No. 70,823
Term of patent 14 years



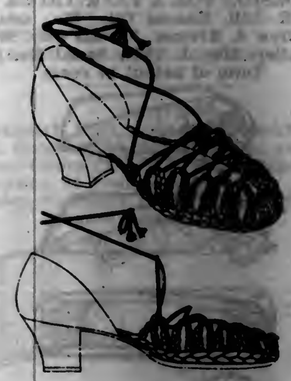
The ornamental design for a drip catcher for ice cream cones and the like as shown.

107,762
DESIGN FOR A RUBBING BLOCK
Lucchesi J. Feild, Detroit, Mich.
Application October 19, 1937, Serial No. 72,313
Term of patent 14 years



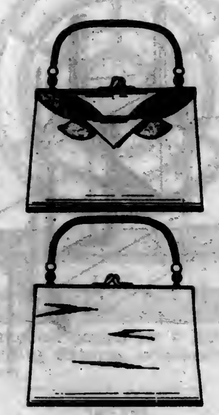
The ornamental design for a rubbing block as shown.

107,763
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Bernard Feldman, Newton Center, Mass., assignor to Banner Shoemakers, Inc., Dover, N. H., a corporation of Massachusetts
Application December 15, 1936, Serial No. 66,528
Term of patent 3½ years



The ornamental design for a shoe or similar article substantially as shown.

107,764
DESIGN FOR A HANDBAG
Henri Felmann, Chicago, Ill.
Application November 16, 1937, Serial No. 72,919
Term of patent 3½ years



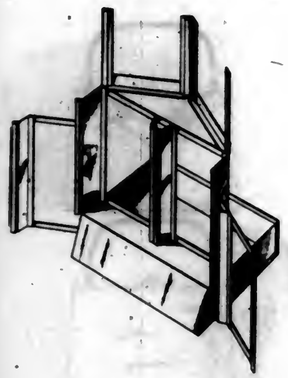
The ornamental design for a handbag, substantially as shown and described.

107,765
DESIGN FOR A HANDBAG
Henri Felmann, Chicago, Ill.
Application November 20, 1937, Serial No. 73,041
Term of patent 3½ years



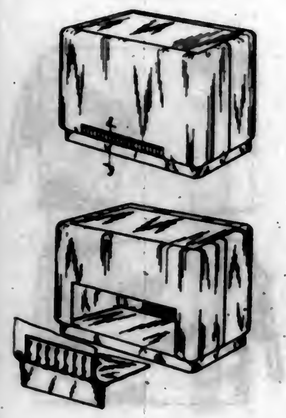
The ornamental design for a handbag, substantially as shown and described.

107,766
DESIGN FOR A DISPLAY STAND
Charles H. Foster, New York, N. Y.
Application November 6, 1937, Serial No. 72,640
Term of patent 7 years



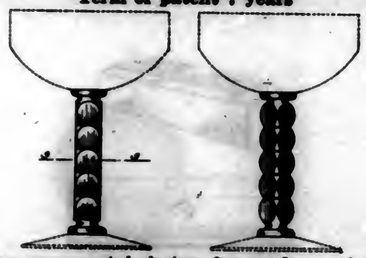
The ornamental design for a display stand, as shown.

107,767
DESIGN FOR A REFRIGERATOR CABINET
Chester A. Frick, Muncie, Ind., assignor to Glascock Brothers Mfg. Co., Muncie, Ind., a corporation of Indiana
Application March 31, 1937, Serial No. 68,495
Term of patent 7 years



The ornamental design for a refrigerator cabinet, as shown.

107,768
DESIGN FOR A GLASS
Edwin W. Fuerst, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application November 30, 1937, Serial No. 73,257
Term of patent 7 years



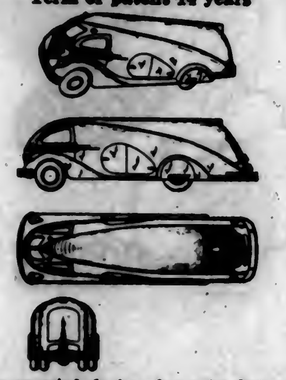
The ornamental design for a glass substantially as shown and described.

107,769
DESIGN FOR A SHOE
Harry Geller, New York, N. Y.
Application November 26, 1937, Serial No. 73,200
Term of patent 3½ years



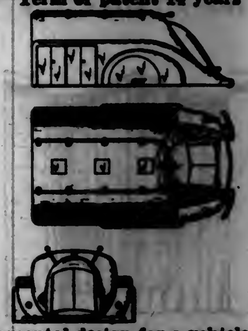
The ornamental design for a shoe, as shown.

107,770
DESIGN FOR A TANK TRUCK
Edward H. Gill, Kansas City, Mo., assignor to Andrew A. Kramer, Kansas City, Mo.
Application May 1, 1937, Serial No. 69,099
Term of patent 14 years



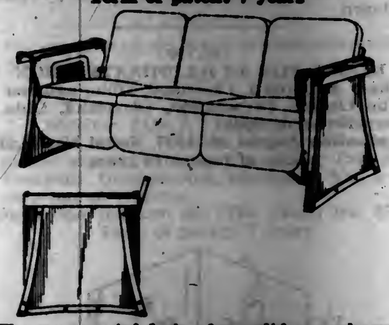
The ornamental design for a tank truck, substantially as shown.

107,771
DESIGN FOR A VEHICLE TANK BODY
Edward H. Gill, Kansas City, Mo., assignor to Andrew A. Kramer, Kansas City, Mo.
Application May 1, 1937, Serial No. 69,100
Term of patent 14 years



The ornamental design for a vehicle tank body, substantially as shown and described.

107,772
DESIGN FOR A GLIDER
Aaron S. Goldberg, Philadelphia, Pa., assignor to Bunting Glider Company, Philadelphia, Pa., a corporation of Pennsylvania
Application November 19, 1937, Serial No. 73,013
Term of patent 7 years



The ornamental design for a glider, as shown.

107,773
DESIGN FOR A GLIDER FRAME
Aaron S. Goldberg, Philadelphia, Pa., assignor to Bunting Glider Company, Philadelphia, Pa., a corporation of Pennsylvania
Application November 19, 1937, Serial No. 73,014
Term of patent 7 years



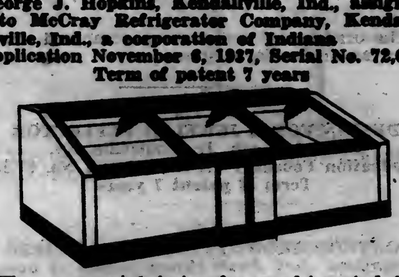
The ornamental design for a glider frame, as shown.

107,774
DESIGN FOR A LIGHT CONTROLLING PLATE FOR LIGHTING FIXTURES
Edwin F. Guth, Webster Groves, Mo.
Application November 12, 1937, Serial No. 72,985
Term of patent 14 years



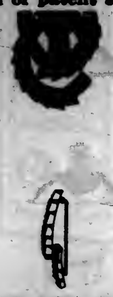
The ornamental design for a light-controlling plate for lighting fixtures, substantially as shown and described.

107,775
DESIGN FOR A REFRIGERATED DISPLAY CASE
George J. Hopkins, Kendallville, Ind., assignor to McCray Refrigerator Company, Kendallville, Ind., a corporation of Indiana
Application November 6, 1937, Serial No. 72,659
Term of patent 7 years



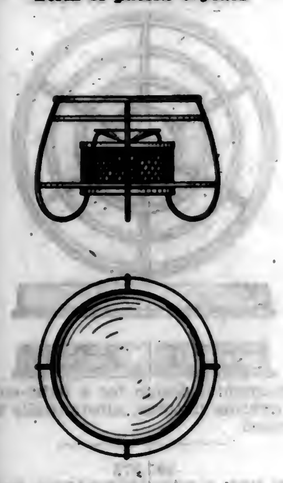
The ornamental design for a refrigerated display case, as shown and described.

107,776
DESIGN FOR A CLIP OR SIMILAR ARTICLE
Adolph Katz, New York, N. Y.
Application October 14, 1937, Serial No. 72,164
Term of patent 3½ years



The ornamental design for a clip or similar article, substantially as shown.

107,777
DESIGN FOR A COMBINED CIRCULATOR FAN AND TABLE
William L. Kisling, St. Louis, Mo.
Application October 18, 1937, Serial No. 72,291
Term of patent 7 years



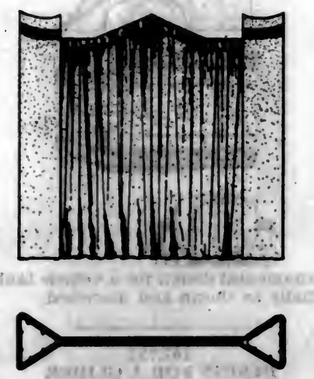
The ornamental design for a combined circulator fan and table, as shown.

107,778
DESIGN FOR A JEWELED REFLECTOR
Louis A. Koch, Jr., Louisville, Ky.
Application February 27, 1937, Serial No. 67,882
Term of patent 7 years



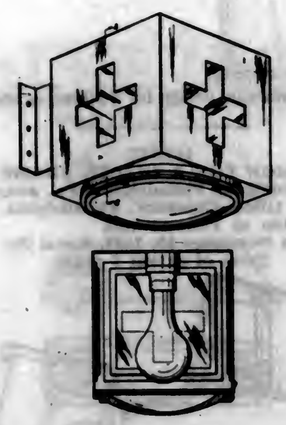
The ornamental design for a jeweled reflector; as shown and described.

107,779
DESIGN FOR A DRAPED PARTITION
Morris Lange, Cleveland Heights, Ohio
Application January 11, 1937, Serial No. 67,000
Term of patent 7 years



The ornamental design for a draped partition, as shown.

107,780
DESIGN FOR AN ILLUMINATED SIGN
William A. Lintern, Cleveland, Ohio, assignor to The Lintern Corporation, Cleveland, Ohio, a corporation of Ohio
Application August 20, 1937, Serial No. 71,218
Term of patent 14 years



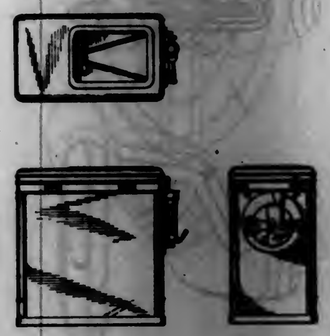
The ornamental design for an illuminated sign, as shown.

107,781
DESIGN FOR A GLASS
William E. Machelfresh, Jr., Chicago, Ill., assignor to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
Application June 9, 1937, Serial No. 69,767
Term of patent 14 years



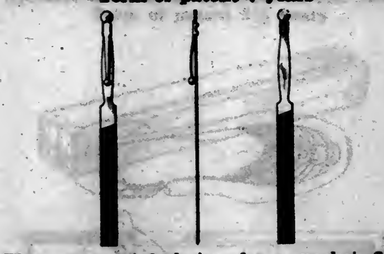
The ornamental design for a glass substantially as shown.

107,782
DESIGN FOR A FREEZING UNIT
Morris E. Miller, Canton, Ohio, assignor, by mesne assignments, to The Miller Industries Company, Incorporated, Richmond, Va., a corporation of Virginia
Application October 10, 1936, Serial No. 65,252
Term of patent 7 years



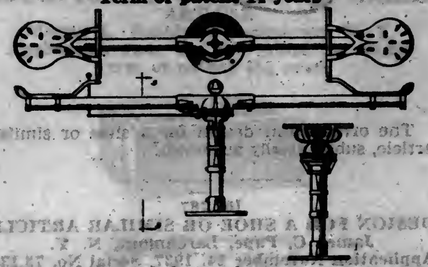
The ornamental design for a freezing unit, as shown and described.

107,783
DESIGN FOR A POCKET FILE
Leon B. Miller, Brooklyn, N. Y.
Application October 19, 1937, Serial No. 72,304
Term of patent 7 years



The ornamental design for a pocket file as shown and described.

107,784
DESIGN FOR A SEESAW APPARATUS
John K. Milton and Curley Young, Chicago, Ill.; said Young assignor to said Milton
Application November 9, 1937, Serial No. 72,735
Term of patent 14 years



The ornamental design for a see-saw apparatus, as shown.

107,785
DESIGN FOR A MICROPHONE CONTROL
Aston L. Moore, South Bend, Ind., assignor to Cin-Rad Corporation, Chicago, Ill.
Application April 9, 1937, Serial No. 68,646
Term of patent 7 years



The ornamental design for a microphone control, substantially as shown and described.

107,786
DESIGN FOR A SHOE OR SIMILAR ARTICLE
James C. Pape, Larchmont, N. Y.
Application November 24, 1937, Serial No. 73,138
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown.

107,787
DESIGN FOR A SHOE OR SIMILAR ARTICLE
James C. Pape, Larchmont, N. Y.
Application November 24, 1937, Serial No. 73,139
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown.

107,788
DESIGN FOR A SHOE OR SIMILAR ARTICLE
James C. Pape, Larchmont, N. Y.
Application November 24, 1937, Serial No. 73,140
Term of patent 3½ years



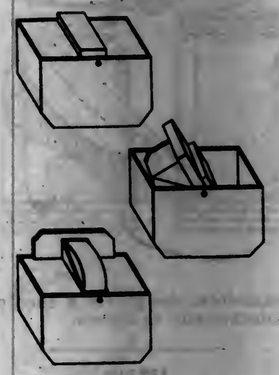
The ornamental design for a shoe or similar article, substantially as shown.

107,789
DESIGN FOR A SHOE OR SIMILAR ARTICLE
James C. Pape, Larchmont, N. Y.
Application November 24, 1937, Serial No. 73,141
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown.

107,790
DESIGN FOR A COMBINATION JEWELRY DISPLAY BOX
Reuben Parmon, Brooklyn, and Sam Sweet, Bronx, N. Y.
Application March 9, 1937, Serial No. 68,088
Term of patent 3½ years



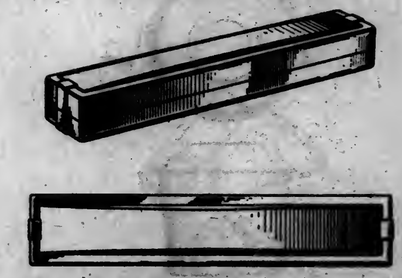
The ornamental design for a combination jewelry display box, as shown and described.

107,791
DESIGN FOR AN ELECTRIC FAN GUARD
Lorenz Duane Petee, Crestline, Ohio, assignor to Dominion Electrical Manufacturing Company, a corporation of Ohio
Application July 26, 1937, Serial No. 70,666
Term of patent 7 years



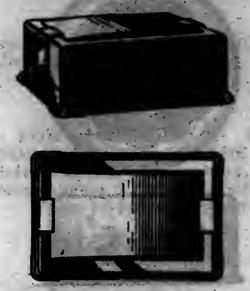
The ornamental design for an electric fan guard, substantially as shown.

107,792
DESIGN FOR A JEWELRY BOX OR SIMILAR ARTICLE
Merrill L. Rathbun, Jamestown, N. Y.
Application June 6, 1936, Serial No. 63,078
Term of patent 3½ years



The ornamental design for a jewelry box or similar article, as shown.

107,793
DESIGN FOR A JEWELRY BOX OR SIMILAR ARTICLE
Merrill L. Rathbun, Jamestown, N. Y.
Application June 6, 1936, Serial No. 63,079
Term of patent 3½ years



The ornamental design for a jewelry box or similar article as shown.

107,794
DESIGN FOR A JEWELRY BOX OR SIMILAR ARTICLE
Merrill L. Rathbun, Jamestown, N. Y.
Application June 6, 1936, Serial No. 63,080
Term of patent 3½ years



The ornamental design for a jewelry box or similar article, as shown.

107,795
DESIGN FOR A CHAMPAGNE BUCKET
Harry Robinson, New York, N. Y.
Application November 15, 1937, Serial No. 72,866
Term of patent 3½ years



The ornamental design for a champagne bucket, substantially as shown.

107,796
DESIGN FOR A FACE POWDER BOX
Elsa Schiaparelli, Paris, France
Application November 17, 1937, Serial No. 72,951
Term of patent 14 years



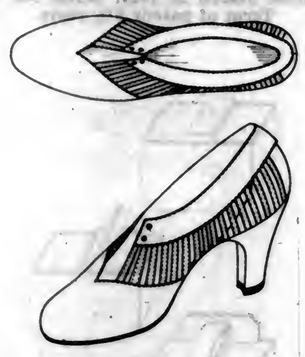
The ornamental design for a face powder box, as shown.

107,797
DESIGN FOR A DRESS
Jack Shane, New York, N. Y.
Application November 24, 1937, Serial No. 73,158
Term of patent 3½ years



The ornamental design for a dress as shown.

107,798
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Leo Sholtz, New York, N. Y.
Application November 24, 1937, Serial No. 73,143
Term of patent 3½ years



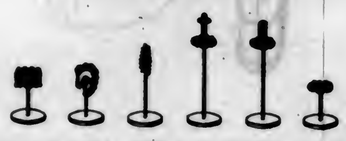
The ornamental design for a shoe or similar article, substantially as shown.

107,799
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Leo Sholtz, New York, N. Y.
Application November 24, 1937, Serial No. 73,144
Term of patent 3½ years



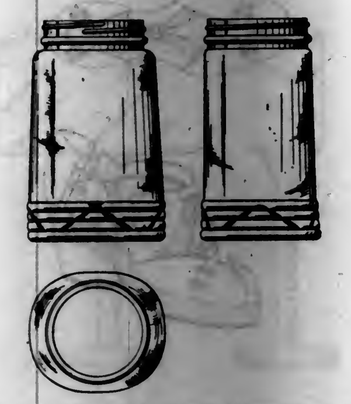
The ornamental design for a shoe or similar article, substantially as shown.

107,800
DESIGN FOR CHESSMEN
George W. Slater, East Akron, Ohio
Application May 4, 1937, Serial No. 69,145
Term of patent 7 years



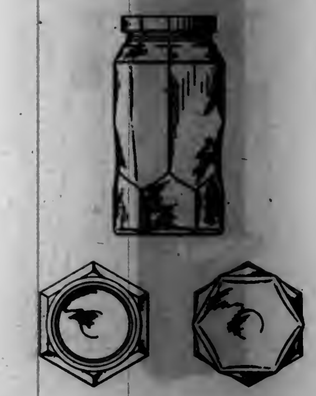
The ornamental design for chessmen as shown.

107,801
DESIGN FOR A PACKER JAR
George Smith, Jr., Olean, N. Y., assignor to Olean Glass Company, Olean, N. Y., a corporation of New York
Application November 11, 1937, Serial No. 72,798
Term of patent 7 years



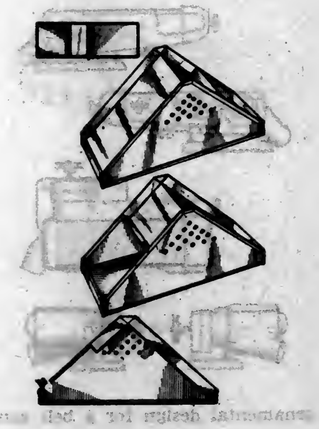
The ornamental design for a packer jar as shown and described.

107,802
DESIGN FOR A PACKER JAR
George Smith, Jr., Olean, N. Y., assignor to Olean Glass Company, Olean, N. Y., a corporation of New York
Application November 11, 1937, Serial No. 72,799
Term of patent 7 years



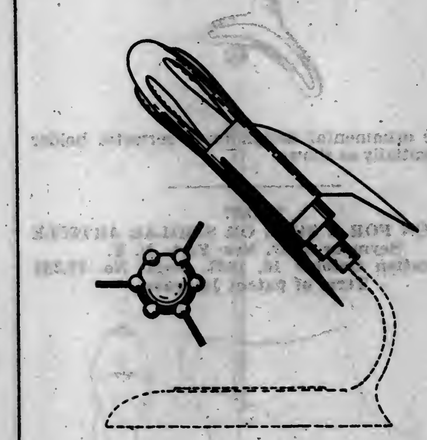
The ornamental design for a packer jar as shown.

107,803
DESIGN FOR A DISPLAY STAND FOR FRUIT OR THE LIKE
Arthur Smith, West McHenry, Ill.
Application July 29, 1937, Serial No. 70,710
Term of patent 3½ years



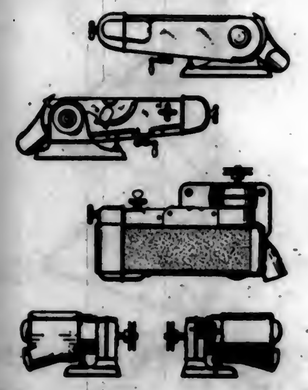
The ornamental design for a display stand for fruit or the like as shown.

107,804
DESIGN FOR A COMBINED LAMP AND SMOKING STAND OR THE LIKE
Victor Stansel, Schulenburg, Tex.
Application August 2, 1937, Serial No. 70,781
Term of patent 7 years



The ornamental design for a combined lamp and smoking stand or the like as shown and described.

107,805
DESIGN FOR A BELT SANDER
Herbert E. Tautz, Milwaukee, Wis., assignor to The Delta Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin
Application November 11, 1937, Serial No. 72,807
Term of patent 7 years



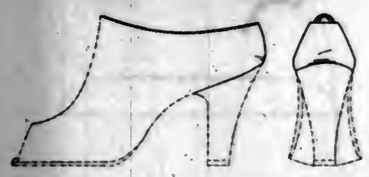
The ornamental design for a belt sander, as shown.

107,806
DESIGN FOR A SERVIETTE HOLDER
Rose M. Thamm, Berkeley, Calif.
Application October 27, 1937, Serial No. 72,468
Term of patent 14 years



The ornamental design for a serviette holder substantially as shown.

107,807
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Seymour Troy, New York, N. Y.
Application October 16, 1937, Serial No. 72,235
Term of patent 14 years



The ornamental design for a shoe or similar article, substantially as shown and described.

107,808
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Seymour Troy, New York, N. Y.
Application November 20, 1937, Serial No. 73,059
Term of patent 3½ years



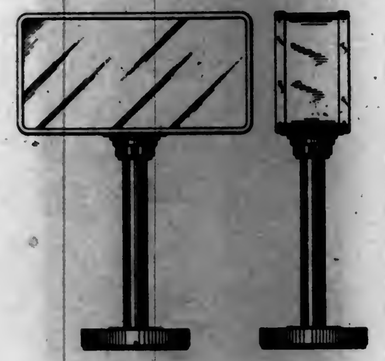
The ornamental design for a shoe or similar article, substantially as shown.

107,809
DESIGN FOR A CONTROL UNIT FOR ELECTRICAL APPARATUS
John Vassos, New Canaan, Conn., assignor to Radio Corporation of America, a corporation of Delaware
Application May 11, 1937, Serial No. 69,290
Term of patent 7 years



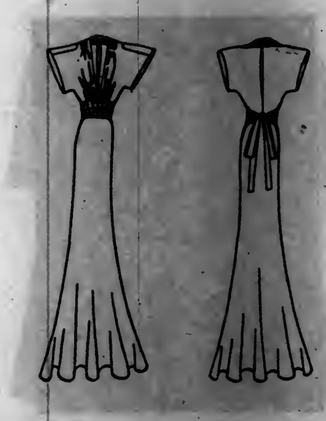
The ornamental design for a control unit for electrical apparatus substantially as shown.

107,810
DESIGN FOR A LAMP
Victor Weidner, Port Washington, and Fenick A. Vogel, New York, N. Y.
Application June 5, 1937, Serial No. 69,704
Term of patent 14 years



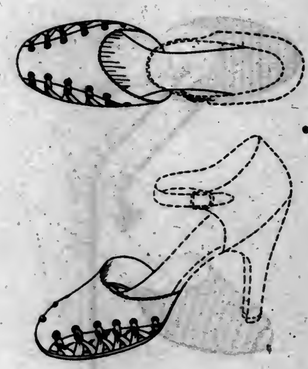
The ornamental design for a lamp, as shown.

107,811
DESIGN FOR A DRESS
Irene Welch, New York, N. Y.
Application October 19, 1937, Serial No. 72,302
Term of patent 3½ years



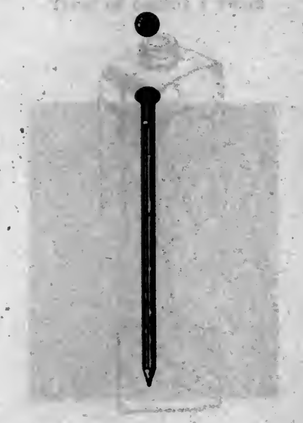
The ornamental design for a dress, substantially as shown.

107,812
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Adolph Wertheim, New York, N. Y.
Application November 24, 1937, Serial No. 73,146
Term of patent 3½ years



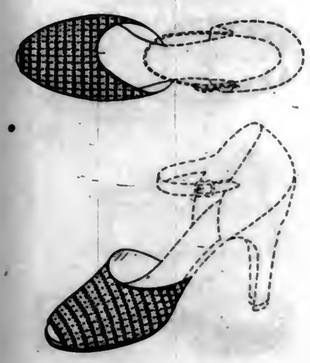
The ornamental design for a shoe or similar article, substantially as shown.

107,813
DESIGN FOR A PENCIL
Raymond A. Weissenborn, Montclair, N. J.
Application October 8, 1936, Serial No. 65,200
Term of patent 3½ years



The ornamental design for a pencil, as shown and described.

107,814
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Walter Zellweger, Flushing, N. Y.
Application November 24, 1937, Serial No. 73,147
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown.

107,815
DESIGN FOR A BOTTLE
Adam Baker Barnhart, New York, N. Y., assignor to Jacqueline Cochran, doing business as J. C. Laboratories, Roselle, N. J.
Application August 9, 1937, Serial No. 70,944
Term of patent 14 years



The ornamental design for a bottle as shown.

107,816
DESIGN FOR A BOX OR SIMILAR COSMETIC CONTAINER
Adam Baker Barnhart, New York, N. Y., assignor to Jacqueline Cochran, doing business as J. C. Laboratories, Roselle, N. J.
Application August 9, 1937, Serial No. 70,951
Term of patent 14 years



The ornamental design for a box or similar cosmetic container as shown.

107,817
DESIGN FOR A TEXTILE FABRIC
Bere Berden, New York, N. Y.
Application November 20, 1937, Serial No. 73,037
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

107,818
DESIGN FOR A LACE
George M. Boyson, Philadelphia, Pa.
Application December 14, 1937, Serial No. 73,605
Term of patent 3½ years



The ornamental design for a lace substantially as shown and described.

107,819
DESIGN FOR A NEGLIGEE
Mollye M. Cohen, New York, N. Y.
Application December 8, 1937, Serial No. 73,446
Term of patent 3½ years



The ornamental design for a negligee, substantially as shown.

107,820
DESIGN FOR A BLOWPIPE
Leon M. Farnum, Chicago, Ill., and Clarence K. Teamer, Mount Airy, Pa., assignors to The S. S. White Dental Manufacturing Company, a corporation of Pennsylvania
Application November 19, 1936, Serial No. 66,020
Term of patent 14 years



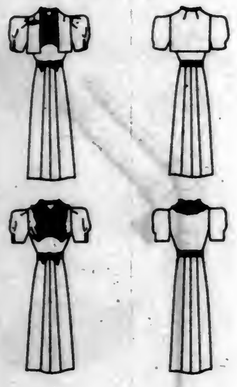
The ornamental design for a blowpipe as shown and described.

107,821
DESIGN FOR A TEXTILE FABRIC
Margit Fellegi, Los Angeles, Calif., assignor to West Coast-Manchester Mills Inc., Los Angeles, Calif., a corporation of California
Application October 30, 1937, Serial No. 72,536
Term of patent 7 years



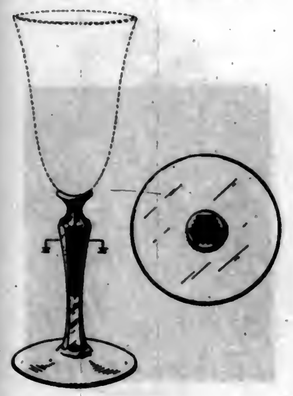
The ornamental design for a textile fabric, as shown.

107,822
DESIGN FOR A DRESS ENSEMBLE
Albert Kaplan, New York, N. Y.
Application November 30, 1937, Serial No. 73,275
Term of patent 3½ years



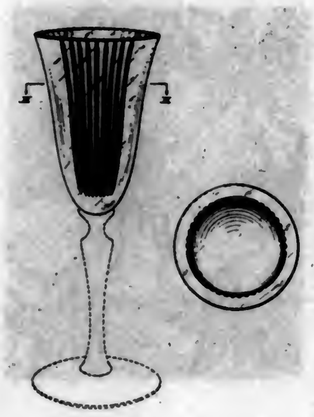
The ornamental design for a dress ensemble, substantially as shown.

107,823
DESIGN FOR A GOBLET OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application October 18, 1937, Serial No. 72,288
Term of patent 7 years



The ornamental design for a goblet or similar article, substantially as shown.

107,824
DESIGN FOR A GOBLET OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application October 18, 1937, Serial No. 72,289
Term of patent 7 years



The ornamental design for a goblet or similar article, substantially as shown.

107,825
DESIGN FOR LACE
Gilbert Merton King, Pawtucket, R. I.
Application December 8, 1937, Serial No. 73,441
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

107,826
DESIGN FOR LACE
Gilbert Merton King, Pawtucket, R. I.
Application December 8, 1937, Serial No. 73,443
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

107,827
DESIGN FOR LACE
Gilbert Merton King, Pawtucket, R. I.
Application December 8, 1937, Serial No. 73,442
Term of patent 3½ years



The ornamental design for lace, substantially as shown.

107,828
DESIGN FOR A DRESS
Ruth Kronman, New York, N. Y., assignor to Gross-Sydney Inc., New York, N. Y., a corporation of New York
Application November 20, 1937, Serial No. 73,074
Term of patent 3½ years



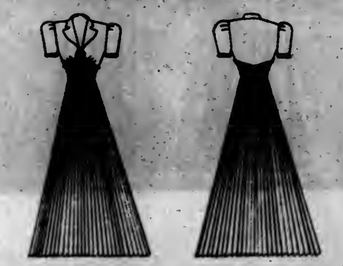
The ornamental design for a dress, substantially as shown.

107,829
DESIGN FOR A DRESS OR SIMILAR ARTICLE
Abraham H. Morris, New York, N. Y.
Application November 18, 1937, Serial No. 72,997
Term of patent 3½ years



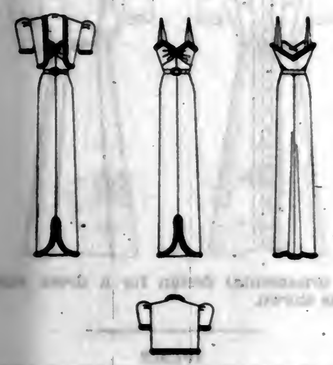
The ornamental design for a dress or similar article substantially as shown.

107,830
DESIGN FOR A DRESS OR SIMILAR ARTICLE
Abraham H. Morris, New York, N. Y.
Application November 18, 1937, Serial No. 72,998
Term of patent 3½ years



The ornamental design for a dress or similar article substantially as shown.

107,231
DESIGN FOR A DRESS ENSEMBLE OR SIMILAR ARTICLE
Abraham H. Morris, New York, N. Y.
Application November 18, 1937, Serial No. 73,000
Term of patent 3½ years



The ornamental design for a dress ensemble or similar article substantially as shown.

107,232
DESIGN FOR A DRESS
William G. Steinman, New York, N. Y.
Application December 8, 1937, Serial No. 73,480
Term of patent 3½ years



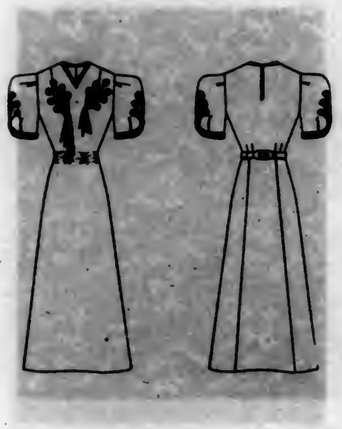
The ornamental design for a dress substantially as shown.

107,233
DESIGN FOR A LACE TABLECLOTH
James Waterfield, Philadelphia, Pa.
Application December 11, 1937, Serial No. 73,537
Term of patent 3½ years



The ornamental design for a lace tablecloth substantially as shown and described.

107,234
DESIGN FOR A DRESS
Samuel Zahn, New York, N. Y.
Application November 30, 1937, Serial No. 73,267
Term of patent 3½ years



The ornamental design for a dress, substantially as shown, and described.

107,235
DESIGN FOR A TEXTILE FABRIC
Robert E. Fatherley, New York, N. Y.
Application November 27, 1937, Serial No. 73,214
Term of patent 3½ years



The ornamental design for a textile fabric substantially as shown and described.

107,236
DESIGN FOR A BEAUTY HELMET
Rose Markley Newton, Mass.
Application November 19, 1932, Serial No. 72,762
Term of patent 14 years



The ornamental design for a beauty helmet, substantially as shown.

107,237
DESIGN FOR A TEXTILE FABRIC
Jean Guy Dumollon, Jackson Heights, N. Y., assignor to Tissus Haute Couture, Inc., New York, N. Y., a corporation of New York
Application December 1, 1937, Serial No. 73,293
Term of patent 3½ years



The ornamental design for a textile fabric substantially as shown and described.

107,238
DESIGN FOR A PRINTED TEXTILE FABRIC OR SIMILAR ARTICLE
Marion R. Hamra, Brooklyn, N. Y.
Application December 14, 1937, Serial No. 73,597
Term of patent 3½ years



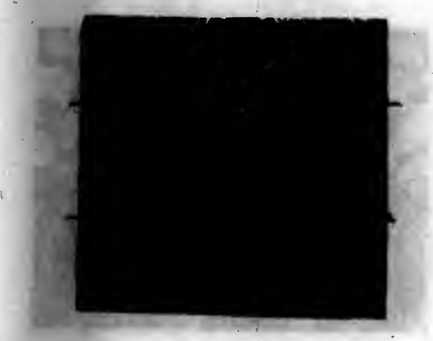
The ornamental design for a printed textile fabric or similar article as shown and described.

107,839
DESIGN FOR A PRINTED TEXTILE FABRIC OR SIMILAR ARTICLE
Marion R. Hamre, Brooklyn, N. Y.
Application December 14, 1937, Serial No. 73,599
Term of patent 3½ years



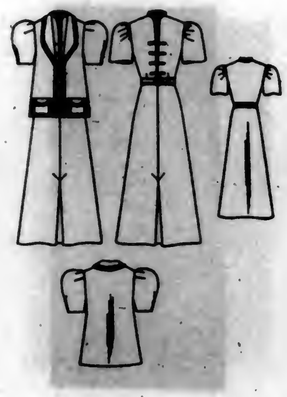
The ornamental design for a printed textile fabric or similar article as shown and described.

107,840
DESIGN FOR A PRINTED TEXTILE FABRIC OR SIMILAR ARTICLE
Marion R. Hamre, Brooklyn, N. Y.
Application December 14, 1937, Serial No. 73,600
Term of patent 3½ years



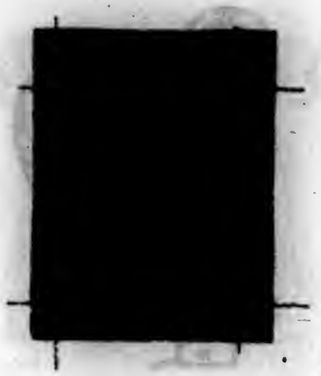
The ornamental design for a printed textile fabric or similar article as shown and described.

107,841
DESIGN FOR A DRESS ENSEMBLE
Jack Kirschner, New York, N. Y.
Application July 30, 1937, Serial No. 70,733
Term of patent 3½ years



The ornamental design for a dress ensemble, substantially as shown.

107,842
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Willard D. Roberson, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application December 6, 1937, Serial No. 73,398
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

107,843
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Willard D. Roberson, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application December 6, 1937, Serial No. 73,399
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

107,844
DESIGN FOR A TEXTILE FABRIC
William Rosenberg, New York, N. Y.
Application December 11, 1937, Serial No. 73,527
Term of patent 3½ years



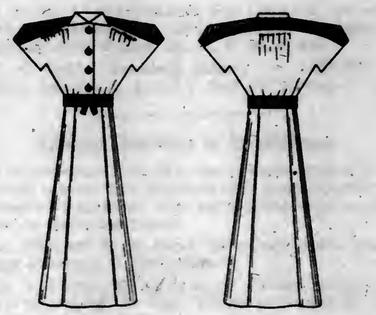
The ornamental design for a textile fabric substantially as shown and described.

107,845
DESIGN FOR A TEXTILE FABRIC
Walter Ross, New York, N. Y.
Application December 11, 1937, Serial No. 73,526
Term of patent 3½ years

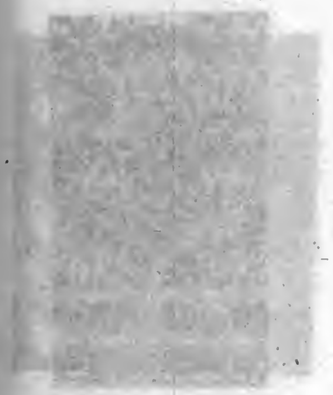


The ornamental design for a textile fabric substantially as shown and described.

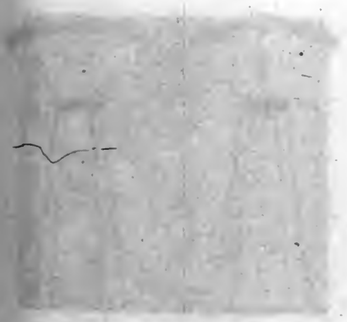
107,846
DESIGN FOR A DRESS
Ruth Kronman, New York, N. Y., assignor to Gross-Sydney Inc., New York, N. Y., a corporation of New York
Application November 26, 1937, Serial No. 73,196
Term of patent 3½ years



The ornamental design for a dress substantially as shown.









Patents Nos. 2,104,720 to 2,105,460

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January 11, 1938

Trade-Marks	325	No. 382,429 to No. 382,753,	inclusive.
T. M. Renewals	3		
Labels	40	No. 22,522 to No. 22,561,	inclusive.
Prints	15	No. 10,644 to No. 10,658,	inclusive.
Reissues	16	No. 20,615 to No. 20,630,	inclusive.
Patents	741	No. 2,104,720 to No. 2,105,460,	inclusive.
Designs	98	No. 107,827 to No. 107,924,	inclusive.
Total	1,138		

Rule 72

RULE 72. After the completion of the application the Office will not return the specification for any purpose whatever. If applicants have not preserved copies of the paper which they wish to amend, the Office will furnish them on the usual terms.

The drawing may be withdrawn only for such corrections as may be made by the Office; but a drawing cannot be withdrawn unless a photographic copy has been filed and approved by the Examiner as a part of the application. Photographic copies of the application shown in any drawing may be made only by the Office and after an approved photographic copy has been filed. Sketches filed to show proposed changes in construction must be in permanent ink. (See Rule 88.) Substitute drawings will not be admitted in any case unless required by the Office.

Notice Regarding Payment of Fees

All fees must be paid in advance. Payment of money required for Office fees must be made in specie, Treasury notes, national-bank notes, postage or fractional currency, or certified checks. Remittances should be made payable to the "Commissioner of Patents." Money sent by mail to the Patent Office will be at the risk of the sender. (See Rule 104.)

Certified checks, bank drafts, express and foreign money orders must be immediately negotiable in this country and for the full amount of the fee required by the Patent Office. No allowance can be made by this Office for any charge for their collection or exchange. Postage stamps will not be accepted. Failure to comply with the above instructions will cause delay.

Renewal of Forfeited Cases

A petition for the renewal of a forfeited application need not be signed by the inventor or assignee, but may be signed by the attorney.

A power of attorney in the original application authorizing an attorney to transact all business in the Patent Office in connection with the application construed to be of sufficient scope to include the signing of a petition for renewal and the subsequent prosecution of the application. (*Ex parte Apee*, 101 O. G., 1609.)

Adjudicated Patents

(C. C. A. Pa.) Loomis and Lewis patent, No. 1,746,198, for vacuum distillation and rectification of paraffin distillate, claims 1–4 *Held* invalid and not infringed. *Standard Oil Development Co.* v. *James B. Berry Sons Co.*, 92 F.(2d) 388.

(C. C. A. Pa.) Loomis patent, No. 1,756,032, for art of continuous distillation, claims 10, 11, and 12 *Held* invalid and not infringed. *Id.*

(D. C. Del.) Nagel patent, No. 1,809,758, for armor reenforced concrete slab, *Held* invalid. *Rosenberg* v. *Shakeproof Lock Washer Co.*, 20 F. Supp. 959.

(D. C. Del.) Rosenberg patent, No. 1,827,615, for fastener, claims 1, 2, 4, and 5 *Held* not infringed. *Id.*

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,940,838, H. H. Bates, View transmission system, decided November 2, 1937, claim 5.

Pat. 2,037,802, R. A. Leonard, Roofing granule and process of making the same, decided December 17, 1937, claims 1, 2, 3, 6, and 7.

Pat. 2,076,012, M. P. Youker, Combined stabilizing and gas conversion process, decided December 13, 1937, claims 1, 2, 3, and 4.

Pat. 2,080,997, Abraham Beckelman, Knock-down display device, decided December 17, 1937, claims 1, 8, 14, and 17.

Condition of Applications Under Examination at Close of Business December 23, 1937

(Total number of applications awaiting action, excluding Trade-Mark Division, 42,851; Trade-Mark Division, 1,710. Oldest new case, June 10, 1937; oldest amended, May 20, 1937.)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6024	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	July 21	July 19	732
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco, Butchering; Bee Culture.	Aug. 30	Aug. 17	773
4888	3. LINDSEY A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Oct. 23	Oct. 23	402
7088	4. DONNELLY, A. E. Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Sept. 13	Sept. 22	489
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	Sept. 27	Sept. 28	526
4888C	6. LEWERS, A. M., Carbon Chemistry (part)	Sept. 20	Sept. 15	783
5726	7. JARBOE, C. G., Optics; Photography	Sept. 10	Sept. 9	1077
3886	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Sept. 13	Sept. 16	572
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Aug. 20	Aug. 16	504
6013	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies, and Tops; Vehicle Fenders; Spring Devices.	Aug. 26	Aug. 26	818
3087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Sept. 25	Sept. 29	484
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Aug. 4	Aug. 4	604
6086	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Aug. 23	Aug. 23	617
3097	14. SMITH, C. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Sept. 27	Sept. 27	519
4897	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Sept. 11	Sept. 11	1125
5716	16. SPENCER, C. J., Telegraphy; Telephony	Aug. 27	Aug. 27	768
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Sept. 25	Sept. 27	522
4812	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 2	Aug. 26	472
4088	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Sept. 4	Sept. 1	742
6006	20. BROWN, L. M. Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Sept. 9	Sept. 8	450
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	Sept. 25	Sept. 28	535
5800	22. RINGLE, D., Aeronautics; Fire-arms, Ordnance, and Explosive Devices; Air Guns; Catapults and Targets; Boats and Buoys; Ships; Marine Propulsion.	Sept. 28	Sept. 29	560
7624	23. BUTTNER, W. J. Registers (part)	June 10	May 20	318
3082	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Sept. 29	Sept. 29	606
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Sept. 17	Sept. 16	562
6888	26. YOUNG, R. R., Electricity, Generation; Motive Power	Aug. 25	Aug. 26	494
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	July 17	July 17	920
4888	28. SOLYOM, H. L., Internal-Combustion Engines	Sept. 20	Sept. 17	536
6882	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Aug. 26	Aug. 24	807
4082	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	July 26	July 26	871
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Sept. 29	Sept. 27	555
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Sept. 23	Sept. 25	476
6006	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Sept. 17	Sept. 17	848
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Oct. 16	Oct. 2	310
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Sept. 29	Oct. 6	530
7882	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Aug. 14	Aug. 5	555
5686B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Aug. 12	Aug. 2	741
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	Aug. 20	Aug. 21	638
4878	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Aug. 28	Aug. 16	624
7880	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Aug. 23	Aug. 26	1340
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Sept. 20	Sept. 7	295
5882	42. CUTTING, H. O., Electric Signaling	Aug. 31	Aug. 7	505
4888D	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Sept. 13	Sept. 14	585
4087D	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Aug. 5	Aug. 3	778
7088	45. HILL, E. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Spt. 4	Sept. 14	708
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Aug. 19	Aug. 19	632
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	Sept. 20	Sept. 17	630
5731	48. ROEPKE, O. E., Electricity, General Applications; Igniters	Sept. 16	Sept. 17	820
7726	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	June 28	July 8	848
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Sept. 25	Sept. 25	827
5628	51. BACKUS, C. D., Radiant Energy	Sept. 10	Sept. 10	701
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Sept. 16	Sept. 16	886
3087	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Aug. 18	Aug. 20	818
3874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Oct. 14	Oct. 13	407
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	July 29	Aug. 4	1063
4726	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Aug. 6	Aug. 6	1088
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Aug. 16	Aug. 19	886
5886	58. DOWELL, E. F., Abrading; Bottles and Jars	Sept. 21	Sept. 7	366
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Sept. 14	Sept. 17	611
5886	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Sept. 3	Sept. 4	535
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	July 7	July 7	660
5621	62. PUGH, E. C., Games; Geometrical Instruments	Sept. 30	Sept. 30	580
4888	63. WINKELSTEIN, A. E., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Sept. 27	Sept. 24	366
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Sept. 22	Sept. 21	1087
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Aug. 24	Aug. 28	686
2088D	Trade-Marks, Labels, and Prints: F. A. RICHMOND	Oct. 28	Nov. 1	1428
	(Trade-Marks (Labels and Prints	Nov. 11	Dec. 1	267
2086	Designs, H. H. KALUPY	Nov. 28	Dec. 7	672

DECISIONS IN PATENT AND TRADE-MARK CASES

Commissioner's Decision

Ex Parte Parker, Olley, Burton, and Stahlhuth

Decided August 19, 1937

Application—Prosecution Not Reopened by Interference Declared After Final Rejection.

An application prosecuted to final rejection as to certain claims which were thereafter canceled is not reopened to further ex parte prosecution by reason of a subsequently declared interference that terminated favorably to the applicant; and an amendment presenting claims copied from the application of the losing party to the subject matter of the canceled claims was properly denied admission.

On Petition.

Blackmore, Spencer & Flint for Parker et al.

Macklin, *First Assistant Commissioner:*

This is a petition seeking the entry of the amendment filed July 28, 1937 presenting three new claims.

The case, now in issue, was prosecuted to a final rejection of certain of the original claims. After the cancellation of the finally rejected claims the application was involved in an interference which terminated favorably to the applicant. Following the termination of the interference the amendment in question was presented, but was denied admission by the Examiner in accordance with the present approved practice of refusing to reopen the prosecution of a case under a like state of facts.

There appears to be no reason for making an exception to this practice in the instant case. The new claims, which were copied from the application of the unsuccessful party to the interference, appear to be directed to substantially the same subject matter as that to which finally rejected claim 1 was drawn. The applicant had his opportunity to prosecute an appeal on the finally rejected claims. Having chosen to forego such appeal, he is in no position now to request the reopening of the case for further prosecution before the Primary Examiner, or for the purpose of prosecuting a belated appeal.

Petitioner's right to present claims dominating the interference is not denied, but that is not the question here involved. If the claims in question were clearly patentable, the amendment would have been admitted and the claims allowed. But the case having once been closed to further ex parte prosecution by final rejection, and no new issue having developed during the interference proceeding, since petitioner was allowed all of the counts therein involved, the ex parte prosecution of the case may not now be reopened. Further, petitioner has his remedy by way of forfeiture and renewal if he desires further to prosecute this application.

The petition is denied.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,262,860, S. B. Smith, Incubator, D. C. Oreg. (Portland), Doc. E 9528, *S. B. Smith* v. *G. Avery et al.* Dismissed on stipulation Oct. 11, 1937. Doc. E 9530, *S. B. Smith* v. *U. J. Kirk.* Dismissed on stipulation Oct. 11, 1937, in both cases.

1,281,884, M. J. Trumble, Process for converting petroleum oils, D. C. Dela., Doc. E 755, *Universal Oil Products Co.* v. *South Texas Gas Co. et al.* Consent decree dismissing bill Oct. 6, 1937.

1,301,029, I. M. Bean, Bath cabinet, D. C., E. D. Va., Doc. E 281, *American Metallic Shower Bath Co.* v. *Richmond Engineering Co., Inc.* Dismissed (notice Oct. 26, 1937).

1,335,695, E. L. Oliver, Rotary filter table; 1,685,084, J. T. Hoyt, Apparatus for separating liquid from pulp fibers; 1,685,085, same, Dewatering apparatus; 1,685,118, R. C. Campbell, Process for recovering sugar values, D. C. Hawaii (Honolulu), Doc. E 717, *Oliver United Filters, Inc.*, v. *C. Brewer & Co., Ltd., et al.* Claims 8 and 9 of 1,335,695, claims 3 and 5 of 1,685,084, claims 1, 2, 3, 13, 16, 17, 18, and 19 of 1,685,085, and all claims of 1,685,118 held valid, and infringed by all defendants excepting Goslin-Birmingham Mfg. Co., Inc.; injunction Sept. 1, 1937.

1,357,020. (See Re. 18,742.)

1,422,614, F. H. Page, Means for balancing and regulating the lift of aircraft, filed Oct. 25, 1937, D. C., S. D. N. Y., Doc. E 85/401, *Handley Page, Ltd.*, v. *Leech Aircraft, Inc.*

1,465,148, H. Rosenberg, Screw; 1,827,615, 1,809,758, same, Fastener, D. C. Dela., Doc. E 966, *H. Rosenberg et al.* v. *Shakeproof Lock Washer Co.* Dismissed Sept. 1, 1937.

1,481,021, L. K. Marshall, Temperature controlled apparatus, D. C. Dela., Doc. E 1187, *Spencer Thermostat Co. et al.* v. *Eisler Electric Corp.* Dismissed Oct. 7, 1937.

1,507,016, L. de Forest, Radio signaling system; 1,507,017, same, Wireless telegraph and telephone system, filed Oct. 19, 1937, D. C., S. D. Calif. (Los Angeles), Doc. E 1268–C, *Western Electric Co., Inc.*, v. *C. J. Birtcher, Inc., et al.*

1,507,017. (See 1,507,016.)

1,574,546, J. E. Bell, Oil heating furnace; 1,574,547, same, Operation of oil stills; 1,623,773, same, Oil still, D. C. Dela., Doc. E 968, *Sinclair Refining Co.* v. *Cosden Oil Co.* Dismissed Aug. 19, 1937.

1,574,547. (See 1,574,546.)

1,580,670, B. Nagy, Delivery mechanism for bottle-cap-assembling machines, filed Oct. 27, 1937, D. C., E. D. N. Y., Doc. E 8405, *B. Nagy* v. *L. Mundet & Sons, Inc.*

1,623,773. (See 1,574,546.)

1,645,370, W. E. Callison, Amusement device, appeal filed Oct. 21, 1937, C. C. A., 10th Cir., Doc. 1622, *W. E. Callison* v. *J. Boyle* (*Boyle Amusement Co.*).

1,647,753, Scott & Wellensiek, Drill cutter, appeal filed Oct. 21, 1937, C. C. A., 10th Cir., Doc. 1623, *Chicago Pneumatic Tool Co.* v. *Hughes Tool Co.*

1,661,142, C. Lipper, Textile fabric, D. C., E. D. Pa., Doc. 4965, *Lipper Mfg. Co., Inc.*, v. *H. Largman et al.* (*Largman, Oppenheim & Co.*). Dismissed without prejudice Oct. 22, 1937.

1,683,453. (See Re. 18,742.)

1,685,084. (See 1,335,695.)

1,685,085. (See 1,335,695.) 1,685,118. (See 1,335,695.)

1,700,246, A. Woelm, Step-by-step lead pencil; 1,762,317, 1,762,318, 1,866,072, 1,928,042, 1,700,247, same, Magazine lead pencil; 1,700,257, 1,700,256, E. D. Feldman, Magazine lead pencil, 1,700,255, same, Step-by-step lead pencil, D. C., S. D. N. Y., Doc. E 83/331, *Pencil Mechanism Corp.* v. *The Esterbrook Steel Pen Mfg. Co.* Consent order of discontinuance without prejudice (notice Oct. 23, 1937).

1,700,247. (See 1,700,246.) 1,700,255. (See 1,700,246.)

1,700,256. (See 1,700,246.) 1,700,257. (See 1,700,246.)

1,721,530, 1,757,978, 1,747,031, J. Schick, Shaving implement, filed Oct. 20, 1937, D. C., S. D. Calif., C. Div., Doc. E 1270-H, *Schick Dry Shaver, Inc., et al.* v. *Ray, Inc., et al.*

1,728,602, H. Garrett, Automatic street signaling system; 1,743,965, same, System for operating traffic-controlling and fire-alarm apparatus, filed Oct. 23, 1937, D. C., E. D. Tex. (Tyler), Doc. E 1025, *National Electric Signal Co.* v. *City of Tyler, Tex.* Doc. E 173, *National Electric Signal Co.* v. *City of Sherman, Tex.*

1,731,967, L. J. Antonsen, Paper excelsior machine, D. C., W. D. Wash., N. Div., Doc. 1006, *L. J. Antonsen* v. *C. C. Rafter.* Dismissed without prejudice Oct. 25, 1937.

1,743,965. (See 1,728,602.) 1,747,031. (See 1,721,530.)

1,757,978. (See 1,721,530.)

1,760,820. (See Re. 18,742.)

1,762,317. (See 1,700,246.) 1,762,318. (See 1,700,246.)

1,768,569, S. W. Ferris, Fractional extraction of mineral oils, D. C., E. D. Pa., Doc. 9723, *B. J. Latshaw* v. *S. W. Ferris et al.* Consent decree dismissing bill Oct. 18, 1937.

1,802,700, V. A. Boker, Nozzle for lubricating systems, D. C., S. D. N. Y., Doc. E 85/7, *Min-A-Max Co., Inc.*, v. *Red Brown Patch Co., Inc.* Decree pro confesso for plaintiff (notice Oct. 25, 1937).

1,809,758. (See 1,465,148.)

1,814,132. (See Re. 18,742.)

1,827,615. (See 1,465,148.)

1,828,533, H. W. Hoffmann, Full fashioned stocking and method of producing same, D. C., E. D. Pa., Doc. 7165, *Ajax Hosiery Mills* v. *Cambria Silk Hosiery Co.* Dismissed Oct. 22, 1937.

1,830,768, I. M. Rod, Art of making garments, D. C., E. D. Va., Doc. E 300, *Rokap Corp.* v. *Friedman-Harry Marks Clothing Co., Inc.* Dismissed (notice Oct. 26, 1937).

1,856,986. (See Re. 18,742.)

1,866,072. (See 1,700,246.)

1,895,978. (See Re. 18,742.)

1,904,358, A. O. Dahlberg, Fountain pen; 1,960,508, I. D. Tefft, Fountain pen filling device; 1,989,351, L. A. Crowell, Fountain pen and other marking means; Des. 88,821, Platt & Tefft, Fountain pen and pencil clip; T. M. 165,783, T. M. 306,418, The Parker Pen Co., Fountain pens and mechanical pencils, D. C. Hawaii (Honolulu), Doc. E 720, *The Parker Pen Co.* v. *Y. Takemori (T. Shoten).* Patents held valid and infringed Feb. 12, 1937.

1,917,261, P. E. Hawkinson, Method of retreading casings; 1,917,262, same, Apparatus for retreading tire casings; 2,034,618, same, Tire retreading apparatus, filed Oct. 23, 1937, D. C., W. D. Pa., Doc. E 3345, *P. E. Hawkinson Co.* v. *B. Hawkinson et al. (Rico Tire Treading).*

1,917,262. (See 1,917,261.)

1,918,089, 1,924,028, J. B. Durand, Manufacture of foundry molds; 1,918,090, same, Composition for foundry molds, filed Sept. 8, 1937, D. C. Del., Doc. E 1223, *J. B. Durand et al.* v. *Bethlehem Steel Co.*

1,918,090. (See 1,918,089.) 1,924,028. (See 1,918,089.)

1,928,042. (See 1,700,246.)

1,953,697, E. Wittcoff, Imitation straw hat and in the method of producing same, D. C., S. D. N. Y., Doc. E 78/287, *Coradine Hat Co.* v. *Hatleigh, Inc.* Dismissed without prejudice (notice Oct. 27, 1937).

1,954,805. (See Re. 18,742.)

1,959,413. (See Re. 18,742.)

1,960,157, S. L. Wolfson, Electric cigar lighter; 2,060,783, P. E. Ashton, Cigar lighter, filed Oct. 25, 1937, D. C., E. D. N. Y., Doc. E 8396, *The Cuno Engineering Corp.* v. *Sandy Andy Stores Corp.*

1,960,508. (See 1,904,358.) 1,989,351. (See 1,904,358.)

1,989,535, F. W. Stolzenberg, Pile fabric, D. C., S. D. N. Y., Doc. E 81/15, *S. Blumenthal & Co., Inc.*, v. *Rossie Velvet Co. et al.* Doc. E 81/62, *S. Blumenthal & Co., Inc.*, v. *Franrose Dress, Inc.* Doc. E 81/66, *S. Blumenthal & Co., Inc.*, v. *Goldstein & Milberg, Inc.* Consent order of discontinuance (notice Oct. 27, 1937), in each of above cases.

2,015,008, W. E. Endresze, Ore classifier, D. C., S. D. Calif. (Los Angeles), Doc. E 1247-J, *W. E. Endresze* v. *The Dorr Co., Inc.* Decree sustaining motion of defendant to quash service of subpoena ad res and dismiss cause, entered Oct. 19, 1937. Same, filed Oct. 22, 1937, D. C., S. D. Calif. (Los Angeles), Doc. E 1272-Y, *W. E. Endresze* v. *Golden Queen Mining Co.*

2,015,258, F. H. Clickner, Cheese flavoring and method of producing same, D. C., N. D. Ohio (Cleveland), Doc. 5419, *Kraft-Phenix Cheese Corp.* v. *W. A. Shick (Toy Tavern Foods).* Claims 1–5, inclusive, held valid, claim 3 infringed; injunction (notice Oct. 22, 1937).

2,034,618. (See 1,917,261.)

2,046,219, H. Swan, Safety razor, filed Sept. 25, 1937, D. C. Del., Doc. E 1226, *Patents, Inc.*, v. *Gillette Safety Razor Co.*

2,060,233, Mathey & Lewis, Measure meter; Re. 20,191, same, Method of and apparatus for placing explosive charges, D. C., N. D. Okla. (Tulsa), Doc. E 1190, *C. A. Mathey et al.* v. *F. Mathey.* Default decree for plaintiff Oct. 21, 1937.

2,060,783. (See 1,960,157.)

2,067,677, Lawson & Smith, Knitting machine, filed May 8, 1937, D. C., E. D. Pa., Doc. 9731, *Hemphill Co.* v. *Wildman Mfg. Co.*

Re. 17,760. (See Re. 18,742.)

Re. 18,742 (of Re. 17,760 and 1,683,453), F. W. Farrell, Coated paper; 1,357,020, E. H. Angier, Gummed paper and method of manufacturing same; Re. 19,128 (of 1,760,820), R. G. Drew, Adhesive tape; 1,959,413, 1,856,986, same, Adhesive sheeting; 1,814,132, same, Process for preparing adhesive tape; 1,895,978, same, Adhesive sheeting and masking for painting; 1,954,805, same, Method of making adhesives in sheet form, D. C., E. D. Pa., Doc. 8385, *Minnesota Mining & Mfg. Co.* v. *Endura Mfg. Corp.* Consent decree dismissing bill without prejudice Oct. 14, 1937.

Re. 19,128. (See Re. 18,742.)

Re. 19,866 (of Des. 86,360), A. Epstein, Knitted cap, D. C., S. D. N. Y., Doc. E 76/27, *Epstein & Hammer, Inc.*, v. *Blue Bird Infants Wear Co.* Dismissed without prejudice (notice Oct. 27, 1937).

Re. 20,191. (See 2,060,233.)

Re. 20,503, M. D. McIntosh, Method of producing drawings or other compositions, filed Oct. 25, 1937, D. C., N. D. Ohio, Doc. 5660, *L. S. Sanders* v. *B. K. Elliott Co.*

Des. 86,360. (See Re. 19,866.)

Des. 88,821. (See 1,904,358.)

Des. 99,545, J. Guttman, Display container for jewelry, D. C., S. D. N. Y., Doc. E 83/235, *Arrow Mfg. Co., Inc.*, v. *Benrus Watch Co.* Consent decree for plaintiff (notice Oct. 22, 1937).

Des. 102,554, H. Hassenfeld, School case, D. C. R. I., Doc. E 584, *H. Hassenfeld* v. *W. T. Grant Co.* Discontinued Oct. 19, 1937.

Des. 102,677, E. J. Das, Textile fabric, filed Mar. 10, 1937, D. C. Hawaii (Honolulu), Doc. E 722, *E. J. Das et al.* v. *B. Tarachand et al. (Bombay Bazaar).*

Des. 102,978, A. J. Baum, Chair, filed Oct. 28, 1937, D. C., E. D. Wis. (Milwaukee), Doc. 5174, *American Chair Co.* v. *Phoenix Chair Co.*

Des. 104,338, P. F. Ashton, Shoe ornament, D. C. R. I., Doc. E 582, *E. E. Weller* v. *John Irving Shoe Corp.* Consent decree for injunction Oct. 2, 1937.

T. M. 165,783. (See 1,904,358.)

T. M. 306,418. (See 1,904,358.)

TRADE-MARKS

OFFICIAL GAZETTE, JANUARY 11, 1938

[VOL. 486. No. 2]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 398,737. RED BLOCK COAL COMPANY, Columbus, Ohio. Filed Oct. 20, 1937.

DELUXE

For Coal.
Claims use since Nov. 1, 1936.

Ser. No. 399,284. HARRY T. CAMPBELL SONS' CO., Towson, Md. Filed Nov. 3, 1937.



For Mined Calcium Stone, a Crude Mineral.
Claims use since Oct. 16, 1937.

CLASS 2

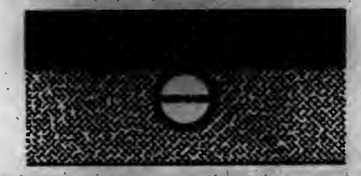
Receptacles

Ser. No. 384,717. REEFER-GALLER INC., New York, N. Y. Filed Oct. 23, 1936.

REEFER-GALLER

For Containers and Dispensers for Containing and Dispensing Solid Refills of Insect Exterminating and Preventative Substance.
Claims use since Feb. 4, 1936.

Ser. No. 384,718. REEFER-GALLER INC., New York, N. Y. Filed Oct. 23, 1936.



The drawing is lined for orange.
For Containers and Dispensers for Insecticides and Insect Exterminators, Repellents, Deterrents, and Preventives.
Claims use since Feb. 4, 1936.

Ser. No. 389,753. SHOE-FORM CO., INC., Auburn, N. Y. Filed Mar. 6, 1937.

NON-FLAM

For Boxes Made of Plastic Cellulose Derivative.
Claims use since Feb. 16, 1937.

CLASS 5

Adhesives

Ser. No. 398,217. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Oct. 6, 1937.

FLOOR-O-LEUM

For Linoleum Paste and Linoleum Cement.
Claims use since July 24, 1937.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 377,766. GERALD WALLACE, doing business as Four Aids Co., Stockton, Calif. Filed Apr. 28, 1936.



The words "4 Aids", "Foot", "Foot-Aid", "Gym", "Home", and "Travel" are disclaimed apart from the mark.
For Cream Ointment for the Treatment of the Feet.
Claims use since Mar. 1, 1935.

Ser. No. 384,716. REEFER-GALLER INC., New York, N. Y. Filed Oct. 23, 1936.



The drawing is lined for orange.
For Insecticides, Insect Exterminators, Repellents, Deterrents, and Preventives.
Claims use since Feb. 4, 1936.

Ser. No. 391,898. CHARLES A. BALLMAN, doing business as Remo Laboratory, Cranford, N. J. Filed Apr. 27, 1937.

Velskin

For Cosmetics and Toilet Preparations—Namely, Astringents, Skin Creams, Cleansing Creams, and Hand Creams.
Claims use since Aug. 25, 1936.

Ser. No. 398,372. SALVO CHEMICAL CORPORATION, Rothschild, Wis. Filed Oct. 11, 1937.

ZIMCO

For Vanillin.
Claims use since May 21, 1937.

Ser. No. 399,025. AMERICAN ANILINE PRODUCTS, INC., New York, N. Y. Filed Oct. 28, 1937.

AQUAFOE

For Waterproofing and Water-Repelling Agents for Textiles and Fabrics.
Claims use since Oct. 12, 1937.

Ser. No. 399,082. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Oct. 29, 1937.

Galocrin

For Medicinal Compound, in Tablet Form, for the Treatment of Galactagogue and Postpartum Involutant.
Claims use since Oct. 10, 1937.

Ser. No. 399,083. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Oct. 29, 1937.

Gerantin

For Medicinal Preparation for Treatment of Hypogonadism, Impotence, and Asexualism.
Claims use since Oct. 10, 1937.

Ser. No. 399,084. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Oct. 29, 1937.

Govarin

For Medicinal Preparation for Treatment of Hypovarism, Menopausal Disorders, and Menstrual Irregularities.
Claims use since Oct. 10, 1937.

Ser. No. 399,085. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Oct. 29, 1937.

Isocrin

For Medicinal Preparation for Treatment of Intestinal Stasis and Toxemia, and Defective Detoxication.
Claims use since Oct. 10, 1937.

Ser. No. 399,086. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Oct. 29, 1937.

Mathocrin

For Medicinal Compound in Tablet Form for the Treatment of Dysovarism and Menorrhagia.
Claims used since Oct. 10, 1937.

Ser. No. 399,087. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Oct. 29, 1937.

Planocrin

For Medicinal Preparation for Treatment of Toxemias and Other Disorders Incident to Pregnancy.
Claims use since Oct. 10, 1937.

Ser. No. 399,088. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Oct. 29, 1937.

Prolydin

For Medicinal Preparation for Treatment of Prostatic Hypertrophy and Prostatic Neurasthenia.
Claims use since Oct. 10, 1937.

Ser. No. 399,089. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Oct. 29, 1937.

TESTOCRIN

For Gonadotropic, Active Principle from the Male Sex Glands, for Treatment of Hypogonadism, Infantilism, and Functional Gonad Insufficiencies.
Claims use since Oct. 10, 1937.

Ser. No. 399,156. THE M. STEIN COSMETIC CO., New York, N. Y. Filed Oct. 30, 1937.

Blemiscover

For Preparation for Use in All Skin Blemishes.
Claims use since August, 1937.

Ser. No. 399,212. VICK CHEMICAL COMPANY, New York, N. Y. Filed Nov. 1, 1937.

NEUTROX

For Dentifrice and Mouth Wash.
Claims use since Sept. 1, 1936.

Ser. No. 399,215. JOHN WYETH AND BROTHER, INCORPORATED, Philadelphia, Pa. Filed Nov. 1, 1937.

BEWONAL

For Medicinal Preparation Containing Vitamin B_1 for Use as a Tonic and an Appetite Stimulator.
Claims use since Oct. 18, 1937.

Ser. No. 399,239. MAISON JOUBERT, INC., New York, N. Y. Filed Nov. 2, 1937.

EXPECTATION

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid and Cream Rouges, Face Bleaches, Face Packs, Skin Whitener in Liquid, Cream and Solid Form, Eyebrow and Eyelash Grower, Eyebrow Pencils, Chemical Preparations Suitable for the Darkening of Eyebrows and Eyelashes, Hand Lotions, Skin Lotions, After-Shaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powders, Sachets, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Incense, Tooth Pastes, Nail Creams, Nail Bleaches, Nail Powders, Nail Polishes, Witch-Hazel, Peroxide, Petroleum Jellies, Witch-Hazel Salve, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.
Claims use since Oct. 22, 1937.

Ser. No. 399,240. MAISON JOUBERT, INC., New York, N. Y. Filed Nov. 2, 1937.

IMAGINATION

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid and Cream Rouges, Face Bleaches, Face Packs, Skin Whitener in Liquid, Cream and Solid Form, Eyebrow and Eyelash Grower, Eyebrow Pencils, Chemical Preparations Suitable for the Darkening of Eyebrows and Eyelashes, Hand Lotions, Skin Lotions, After-Shaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powders, Sachets, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Incense, Tooth Pastes, Nail Creams, Nail Bleaches, Nail Powders, Nail Polishes, Witch-Hazel, Peroxide, Petroleum Jellies, Witch-Hazel Salve, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.
Claims use since Oct. 22, 1937.

Ser. No. 399,241. THOMAS MOORE, doing business as The Vosemar Co., Bury, England. Filed Nov. 2, 1937.

VOSEMAR

For Perfumery Products—Namely, Perfumes, Toilet Waters, Tooth Paste and Powders, Hair Tonics and Lotions, Face Creams, Face Lotions, and Face Powders.
Claims use since April, 1936.

Ser. No. 399,242. THOMAS MOORE, doing business as The Vosemar Co., Bury, England. Filed Nov. 2, 1937.



Curly Top

The portrait is fictitious. Applicant disclaims the words "Curly Top" except as shown.
For Perfumery Products—Namely, Perfumes, Toilet Waters, Tooth Paste and Powders, Hair Tonics and Lotions, Face Creams, Face Lotions, and Face Powders.
Claims use since April, 1936.

Ser. No. 399,275. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Nov. 3, 1937.

ENGESTIN

For Standardized Progestational Hormone for Use in the Treatment of Certain Forms of Dysovarism.
Claims use since Oct. 10, 1937.

Ser. No. 399,481. FREDERICK STEARNS & COMPANY, Detroit, Mich. Filed Nov. 8, 1937.

CHLORO-HEXOL

For Antiseptic for Upper Respiratory and Genito-Urinary Infections.
Claims use since Oct. 28, 1937.

Ser. No. 399,482. FREDERICK STEARNS & COMPANY, Detroit, Mich. Filed Nov. 8, 1937.

COMKOL

For Sedative or Anodyne Expectorant.
Claims use since Oct. 28, 1937.

Ser. No. 399,483. FREDERICK STEARNS & COMPANY, Detroit, Mich. Filed Nov. 8, 1937.

GLYPERIN

For Analgesic and Antipyretic Used in the Treatment of Colds, Influenza, Neuralgic Headache, Tabes, and Other Pains.
Claims use since Oct. 28, 1937.

Ser. No. 399,521. UNITED DRUG COMPANY, Boston, Mass. Filed Nov. 9, 1937.

EUGESTIN

For Liquid Digestive Preparation.
Claims use since Sept. 27, 1937.

Ser. No. 399,522. UNITED DRUG COMPANY, Boston, Mass. Filed Nov. 9, 1937.

EUDIGLOBIN

For Hemoglobin-Forming Tonic.
Claims use since Sept. 27, 1937.

CLASS 9

Explosives, Firearms, Equipments, and Projectiles

Ser. No. 396,425. SUHLER-WAFFENWERK, GEBRÜDER MERKEL, Suhl/Thuringia, Germany. Filed Aug. 14, 1937.



For Guns for Hunting.
Claims use since June, 1913.

Ser. No. 399,390. PENSICK & GORDON, INC., Los Angeles, Calif. Filed Nov. 6, 1937.



For Firecrackers and Fireworks.
Claims use since Nov. 2, 1937.

Ser. No. 399,617. THE OHIO MATCH COMPANY, Wadsworth, Ohio. Filed Nov. 11, 1937.



The words "Ohio Safety Matches" are disclaimed apart from the mark.
For Matches.
Claims use since Nov. 1, 1937.

Ser. No. 400,375. HERCULES POWDER COMPANY, Wilmington, Del. Filed Dec. 2, 1937.

VIBROCAP

For Electric Blasting Cap.
Claims use since Nov. 11, 1937.

CLASS 10

Fertilizers

Ser. No. 397,024. WILLIAM J. DOWNEY, doing business as the Valley Road Co., Danvers, Mass. Filed Sept. 2, 1937.



The words "Woodland" and "Peat-mold" are disclaimed apart from the mark.
For Fertilizing Compound Characterized by Humus and Other Soil Conditioning Elements.
Claims use since Feb. 15, 1937.

CLASS 11

Inks and Inking Materials

Ser. No. 399,408. GENERAL PRINTING INK CORPORATION, New York, N. Y. Filed Nov. 6, 1937.

SPEEDRY

For Printing Ink.
Claims use since Oct. 5, 1937.

CLASS 12

Construction Materials

Ser. No. 396,778. THE B. F. NELSON MANUFACTURING COMPANY, Minneapolis, Minn. Filed Aug. 26, 1937.

MASTERHL

For Heat and Sound Insulation Material.
Claims use since July 19, 1937.

Ser. No. 397,173. THE BARRETT COMPANY, New York, N. Y. Filed Sept. 7, 1937. Under 10-year proviso.

Barrett

For Paper Used for Building, Sheathing, and Other Construction Purposes.
Claims use since 1893.

Ser. No. 398,066. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Oct. 2, 1937.

STREAMLINE

For Roll Roofing Material and Shingles of Composition, Asphalt, Slate, and the Like.
Claims use since Aug. 13, 1936.

Ser. No. 398,530. ELB PRODUCTS, INC., New York, N. Y. Filed Oct. 15, 1937.

AIR-MET INSULATION

The words "Air" and "Insulation" are disclaimed apart from the mark.
For Thermal Insulating Material for Use in Buildings.
Claims use since Oct. 8, 1937.

Ser. No. 399,572. ROADCRETE, INC., Newton, Ohio. Filed Nov. 10, 1937.

ROADCRETE

For Road Surfacing Material Consisting of a Graded Aggregate, a Binder, and a Moisture Retentive Chemical.
Claims use since Sept. 15, 1937.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 395,233. MANNING, BOWMAN & CO., Meriden, Conn. Filed July 15, 1937.

LUSTRALITE

For Hollow Ware of Aluminum for Dining Table and Kitchen Use and Gift Ware.
Claims use since July 1, 1937.

Ser. No. 399,539. MARKWELL MANUFACTURING COMPANY, INC., New York, N. Y. Filed Nov. 10, 1937.

"RFD"

For Staples Used in Stapling Machines for Fastening Papers, Cardboard, Fabrics, Metal, Etc. Together, Also for Fastening Papers, Cardboard, Metal, Etc. on to Wood, Etc.
Claims use since Dec. 18, 1933.

Ser. No. 399,540. MARKWELL MANUFACTURING COMPANY, INC., New York, N. Y. Filed Nov. 10, 1937.

"RFL"

For Staples Used in Stapling Machines for Fastening Papers, Cardboard, Fabrics, Metal, Etc. Together, Also for Fastening Papers, Cardboard, Metal, Etc. on to Wood, Etc.
Claims use since June 16, 1936.

Ser. No. 399,542. MARKWELL MANUFACTURING COMPANY, INC., New York, N. Y. Filed Nov. 10, 1937.

RXD

For Staples Used in Stapling Machines for Fastening Papers, Cardboard, Fabrics, Metal, Etc. Together, Also for Fastening Papers, Cardboard, Metal, Etc. on to Wood, Etc.
Claims use since July 8, 1937.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 400,378. THE LINCOLN ELECTRIC COMPANY, Cleveland, Ohio. Filed Dec. 2, 1937.

"TRANSWELD"

For Metallic Welding Electrodes.
Claims use since Nov. 19, 1937.

CLASS 15

Oils and Greases

Ser. No. 399,805. NEW YORK & NEW JERSEY LUBRICANT COMPANY, New York, N. Y. Filed Nov. 16, 1937.

NoFLUcO

For Lubricating Oils and Greases.
Claims use since Nov. 8, 1937.

CLASS 16

Paints and Painters' Materials

Ser. No. 396,748. PONTIAC VARNISH COMPANY, Pontiac, Mich. Filed Aug. 25, 1937.



The drawing is lined for yellow, red, brown, gray, and black, but the mark is not limited to such colors.
For Ready-Mixed Paints and Lacquers.
Claims use since July 20, 1933.

CLASS 17

Tobacco Products

Ser. No. 396,757. THE AXTON-FISHER TOBACCO COMPANY, Louisville, Ky. Filed Aug. 26, 1937.

"YOUR SMOKE ZONE IS YOUR COLDS ZONE"

For Cigarettes.
Claims use since Aug. 19, 1937.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 397,952. ROBERT WILLIAM POINTER, doing business as Pointer-Willamette Trailer Equipment Co., Portland, Oreg. Filed Sept. 29, 1937.

P-W

For Structural Parts for Trailers.
Claims use since July 28, 1937.

Ser. No. 399,195. MONARK SILVER KING, INC., Chicago, Ill. Filed Nov. 1, 1937.

Invader

For Bicycles.
Claims use since July 15, 1937.

Ser. No. 399,197. MONARK SILVER KING, INC., Chicago, Ill. Filed Nov. 1, 1937.



For Bicycles.
Claims use since May 15, 1936.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 396,427. DICTOGRAPH PRODUCTS COMPANY, INC., New York, N. Y. Filed Sept. 15, 1936.

QUIET
DICTOGRAPH RADIO

The word "Quiet" is disclaimed apart from the words "Dictograph Radio" and the word "Radio" is disclaimed apart from the words "Quiet Dictograph."
For Radio Receiving Sets, Radio Receiving Sets Combined With Audible Signal Making Attachments, and Audible Signal Making Attachments for Radio Receiving Sets.
Claims use since Sept. 15, 1936.

Ser. No. 392,042. MECHANICAL PRODUCTS CORPORATION, St. Paul, Minn. Filed Apr. 29, 1937.

DEFROSTAT

For Mechanical Timing Device Motivated by Electricity and Used for the Purpose of Opening and Closing an Electrical Circuit at Certain Intervals in Connection With Mechanical Refrigerators to Accomplish the Defrosting Thereof.
Claims use since Sept. 1, 1936.

Ser. No. 395,097. RCA MANUFACTURING COMPANY, INC., Camden, N. J. Filed July 10, 1937.

MAGIC WAVE

For Antenna Kits, Consisting of Antenna Conductors, Transmission Lines, Coupling Units, and Insulators.
Claims use since May 19, 1937.

Ser. No. 395,249. WM. B. BUNAY CO., Boston, Mass. Filed July 15, 1937.

STAPUT

For Relatively Short, Substantially Semi-Cylindrical Sleeve or Shoe of Wear Resisting Material Adapted to be Inserted Between a Power Cable and the Cable Conduit for the Purpose of Protecting the Surface of the Cable from Abrasion Due to the Friction Set up by the Longitudinal Movement of the Cable Over the Edge of the Conduit as a Result of Expansion and Contraction of the Cable, or Otherwise.
Claims use since July 3, 1928.

Ser. No. 395,330. THE J. G. BRILL COMPANY, Philadelphia, Pa. Filed July 17, 1937.

BRILLITE

For Electric Lighting Fixtures for Railway Cars, Buses, and Similar Units of Transportation and Domestic Uses.
Claims use since June 23, 1937.

Ser. No. 398,613. COLLINS RADIO COMPANY, Cedar Rapids, Iowa. Filed Oct. 18, 1937.

COLLINS

For Radio Transmitters, Electric, Both Power and Communications Type Transformers, and Speech Equipment Comprising Audio Frequency Amplifier Circuits, Mixing and Control Circuits, and Electrical Connections for Microphones and Other Signal Sources Adapted to be Used Therewith.
Claims use since May 13, 1937.

Ser. No. 399,409. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio. Filed Nov. 6, 1937.



For Storage Batteries.
Claims use since Aug. 15, 1937.

Ser. No. 399,433. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa. Filed Nov. 6, 1937.

Home-proved

The drawing is lined for blue and orange.
For Electric Water Heaters.
Claims use since Oct. 15, 1937.

Ser. No. 399,447. GAROD RADIO CORP., New York, N. Y. Filed Nov. 8, 1937.

PRESTOMATIC

For Radio Receiving Sets and Parts Thereof.
Claims use since Oct. 15, 1937.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 368,668. ABRAHAM SCHREIBER, New York, N. Y. Filed Aug. 24, 1935.

BANGO

For Lottery Punch Game Simulating Lotto Games Played with a Pointed Stick and Card Board with Numbers Printed Thereon to be Played in Theaters Only.
Claims use since Aug. 5, 1935.

Ser. No. 393,397. SOUTH BEND BAIT COMPANY, South Bend, Ind. Filed May 28, 1937.

OBITE

For Sporting Goods—Namely, Fish Baits and Lures, Fishing Rods, Fishing Reels, Fish Lines, Leaders.
Claims use since Apr. 15, 1937.

Ser. No. 394,994. THOMAS E. LYNCH, doing business as Ivory System, Peabody, Mass. Filed July 8, 1937.

IVORY SYSTEM

No claim is made to the words "System" and "Nationally and Favorably Known" apart from the mark.
For Miscellaneous Reconditioned Athletic Equipment—Namely, Shoulder Pads, Hip Pads, Rib Pads, Kidney Pads, Baseball Covers, Sliding Pads, Baseball Catchers' Masks, Chest Protectors, Shin Guards, Bases, Mitts and Baseball Fielders' Gloves, Indoor and Outdoor Baseballs; Hockey and La Crosse Sticks, Shin Guards, Goalie Pads and Hockey Gloves; Shin Guards, Helmets, Boxing Gloves, Tackling Dummies, Medicine Balls, Tennis Nets, Fencing Gloves, Basketball Nets, Goal Tenders' Nets, Cage Nets, Tennis Racquets, Golf Bags, Knee Pads, Elbow Pads, Soccer Ball Covers.
Claims use since Mar. 1, 1923.

Ser. No. 398,905. KEM CARD SALES CORPORATION, New York, N. Y. Filed Oct. 25, 1937.

KEM

For Playing Cards.
Claims use since September, 1934.

Ser. No. 399,973. ERWIN S. LOWE, New York, N. Y. Filed Nov. 20, 1937.

MARKO

For Question and Number Answering Card Game, a Parlor Game Used in Connection with Radio Broadcasting After the Manner of "Quiz", "Tick-Tack-Toe", or "Radio Bingo".
Claims use since Aug. 2, 1937.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 391,412. AUTO CREAM WHIP CORPORATION, New York, N. Y. Filed Apr. 16, 1937.

WHIPPED CREAM Auto Whip INSTANTLY!

All wording except "Auto Whip" is disclaimed apart from the mark.
For Dispensing Apparatus and Appliances Comprising Whipped Cream Dispensers and Parts Thereof, and Gas-Filled Tanks and Cartridges.
Claims use since July, 1936.

Ser. No. 398,626. LEIBING AUTOMOTIVE DEVICES, INCORPORATED, Detroit, Mich. Filed Oct. 18, 1937.

DE GASSER

For Fuel Conserving Valve Mechanisms for Carburetors or Intake Manifolds on Internal Combustion Engines.
Claims use since September, 1937.

Ser. No. 398,927. THE OHIO MATCH COMPANY, Wadsworth, Ohio. Filed Oct. 25, 1937.

OHIO

RED LABEL

Applicant disclaims the label colored red and the word "Ohio" apart from the mark shown.
For Razor Blades.
Claims use since Oct. 14, 1937.

Ser. No. 399,292. CONRAD RAZOR BLADE CO. INC., Long Island City, N. Y. Filed Nov. 4, 1937.

ALTEST

For Razors and Razor Blades.
Claims use since Oct. 26, 1937.

Ser. No. 399,400. CLUB RAZOR & BLADE MANUFACTURING CORPORATION, Newark, N. J. Filed Nov. 6, 1937.

RED CIRCLE

For Razor Blades.
Claims use since May 11, 1937.

Ser. No. 399,428. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Nov. 6, 1937.

CHAMPION

For Electric Razors.
Claims use since Aug. 12, 1937.

Ser. No. 399,442. COLTON RAZOR BLADE COMPANY, Boston, Mass. Filed Nov. 8, 1937.

NOBBY

For Safety Razor Blades.
Claims use since Oct. 26, 1937.

Ser. No. 399,541. MARKWELL MANUFACTURING COMPANY, INC., New York, N. Y. Filed Nov. 10, 1937.

RFL 1

For Stapling Machines Used for Fastening Papers, Cardboard, Fabrics, Metal, Etc., Together, also for Fastening Papers, Cardboard, Fabrics, Metal, Etc., on to Wood, Etc.
Claims use since July 30, 1936.

CLASS 24

Laundry Appliances and Machines

Ser. No. 393,209. BLACKSTONE MANUFACTURING COMPANY, INC., Jamestown, N. Y. Filed May 25, 1937.

HYDRACTOR

For Laundry Washing Machines.
Claims use since May 8, 1937.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 399,386. WELSH MANUFACTURING COMPANY, Providence, R. I. Filed Nov. 5, 1937.

OLYMPIC

For Ophthalmic mountings.
Claims use since Oct. 26, 1937.

Ser. No. 399,387. WELSH MANUFACTURING COMPANY, Providence, R. I. Filed Nov. 5, 1937.

WELSHADE

For Ophthalmic mountings.
Claims use since February, 1935.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 397,203. TRABERT & HOEFFER INC., New York, N. Y. Filed Sept. 7, 1937.

STAR of KASHMIR

The term "Kashmir" is disclaimed apart from the mark.
For Diamonds and Precious Stones.
Claims use since Jan. 1, 1936.

Ser. No. 398,989. COHN & ROSENBERGER, INC., New York, N. Y. Filed Oct. 27, 1937.

TRIQUETTE

For Necklaces and Bracelets, Finger Rings, Earrings, Jewelry Clips, Brooches, Lockets, and the Following Goods Made in Whole or in Part of Precious Metal or Plated With the Same: Beads, Pins, Hat Ornaments, Hair Ornaments, Holders for Face Powder Compacts, Comb Cases, Cigarette Cases, Fancy Cigarette Boxes, Fancy Buckles, and Jewelry Initials.
Claims use since Oct. 5, 1937.

Ser. No. 399,610. KINSLEY-KOVSKY JEWELRY MANUFACTURING CO., INC., St. Louis, Mo. Filed Nov. 11, 1937.

GOTHIC

For Finger Rings.
Claims use since February, 1934.

Ser. No. 399,794. COHN & ROSENBERGER, INC., New York, N. Y. Filed Nov. 16, 1937.

PAINT-BOX

For Necklaces and Bracelets, Finger Rings, Earrings, Jewelry Clips, Brooches, Lockets, and the Following Goods Made in Whole or in Part of Precious Metal or Plated with the Same: Beads, Pins, Hat Ornaments, Hair Ornaments, Holders for Face Powder Compacts, Comb Cases, Cigarette Cases, Fancy Cigarette Boxes, Fancy Buckles, and Jewelry Initials.
Claims use since Nov. 1, 1937.

CLASS 31

Filters and Refrigerators

Ser. No. 392,462. UNIVERSAL WATER SOFTENER CO., Maywood, Ill. Filed May 7, 1937.

ZEPHYR

For Filters and Water Softening Devices.
Claims use since Feb. 1, 1936.

CLASS 32

Furniture and Upholstery

Ser. No. 390,725. THE SIKES COMPANY, INC., Buffalo, N. Y. Filed Aug. 24, 1937.

COLONIST CRAFT

For Dressers, Night Stands, Chests, and Vanities.
Claims use since Aug. 9, 1937.

Ser. No. 397,129. WM. T. KNOTT COMPANY, INC., New York, N. Y. Filed Sept. 4, 1937.

First Lady

For Mattresses and Bed Springs, Beds, Commodes, Tables, Couches, Window Shades and Blinds, Book Ends, Smoking Stands, Picture Frames, Magazine Racks, Cabinets for Radio Apparatus, Chair Seats and Cushions, Desks, Pillows, Porch and Lawn Swings, Tea Wagons, and Kitchen Stools.
Claims use since Sept. 1, 1936.

Ser. No. 399,427. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Nov. 6, 1937.

Snugs

For Furniture Slip Covers.
Claims use since Aug. 1, 1937.

CLASS 33

Glassware

Ser. No. 391,537. LIBBEY-OWENS-FORD GLASS COMPANY, Toledo, Ohio. Filed Apr. 19, 1937.

VITROLUX

For Special Heat-Treated Flat Glass Sheets or Plates and Special Heat-Treated Curved or Bent Glass Produced From Glass Sheets or Plates.
Claims use since Apr. 11, 1937.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 393,131. HUPP OIL BURNER CO., INC., Brooklyn, N. Y. Filed May 22, 1937.



For Oil Burners.
Claims use since Nov. 30, 1932.

Ser. No. 397,503. STAR RADIATOR COMPANY, Los Angeles, Calif. Filed Sept. 20, 1937.

Sta-Cool

The word "Sta-Cool" is disclaimed apart from the mark.
For Air Conditioning Machines, Radiators for Air Conditioning Machines, and Parts Therefor.
Claims use since Nov. 1, 1936.

Ser. No. 398,497. SALMANSON & CO. INC., New York, N. Y. Filed Oct. 14, 1937.

BILTMORE

For Radiator Shields.
Claims use since July, 1934.

Ser. No. 398,688. RAY OIL BURNER CO., San Francisco, Calif. Filed Oct. 19, 1937.

AIRE-RAY-ATOR

For Forced Air Oil Burning Furnaces.
Claims use since August, 1937.

CLASS 36

Musical Instruments and Supplies

Ser. No. 397,442. HAYNES GRIFFIN SERVICE CORP., New York, N. Y. Filed Sept. 15, 1937.

Travelphone

For Portable Combination Phonograph and Radio.
Claims use since Aug. 1, 1937.

CLASS 37

Paper and Stationery

Ser. No. 384,787. "DELTA" PAPIER & FILTER G. M. B. H., now by change of name, "Delta" Papier- und Filter. Kommanditgesellschaft Bungeler & Co., Duren, Germany. Filed Oct. 26, 1936.



The words "Made in Germany", "Best Quality", "Reliability", "15 Cm." "Trade-Mark", "Duren-Rheinland", "Filter", and "ESCI or ESCI preparata" are disclaimed apart from the mark.
For Paper for Making Filter Sheets.
Claims use since Oct. 15, 1931.

Ser. No. 393,328. NORMAN HARROWER, doing business as Linton Brothers & Company, Fitchburg, Mass. Filed May 27, 1937.

DURATAG

For Tag Board and [illegible] for the Manufacture of Shipping Tags and Folders.
Claims use since Feb. 1, 1937.

Ser. No. 393,336. PHILIP B. LEWIS, now doing business as Strapflex Company, Medford, Mass. Filed May 27, 1937.

STRAPFLEX

For Loose-Leaf Binders and Folders.
Claims use since September, 1919.

Ser. No. 394,967. A. P. W. PAPER COMPANY, INC., Albany, N. Y. Filed July 8, 1937.

LULLABY

For Toilet Tissue and Paper Towels.
Claims use since Apr. 27, 1937.

CLASS 38

Prints and Publications

Ser. No. 386,591. IDA CELOR LAIRY, Logansport, Ind. Filed Dec. 10, 1936.

JUVENILE COURT of the AIR

For Periodical Published Now and Then.
Claims use since Nov. 23, 1936.

Ser. No. 390,497. ANGLO-SAXON-FEDERATION OF AMERICA, Detroit, Mich. Filed Mar. 25, 1937.

Destiny

For Periodical.
Claims use since Jan. 25, 1934.

Ser. No. 395,022. BATES COMPANY, New York, N. Y. Filed July 9, 1937.

HIGHSIGN

For Printed Paper Signs.
Claims use since May 1, 1937.

Ser. No. 396,507. THE PONTIAC PRESS CO., Pontiac, Mich. Filed Aug. 17, 1937.

THE PONTIAC DAILY PRESS

The term "Pontiac" is disclaimed apart from the mark.
For Newspaper.
Claims use since July 1, 1919.

Ser. No. 398,530. EARL L. DOUGLASS, Germantown, Philadelphia, Pa. Filed Oct. 15, 1937.

Strength for The Day

For Continuing Series of Publications—Namely, a Regular Column in a Newspaper.
Claims use since Oct. 1, 1934.

Ser. No. 398,716. DOMESTIC ENGINEERING COMPANY, Chicago, Ill. Filed Oct. 20, 1937.

AIR CONDITIONING BLUE BOOK

For Combination Directory, Technical Reference Book and Consolidated Catalog, now Published Annually.
Claims use since October, 1936.

Ser. No. 398,921. POLK MILLER PRODUCTS CORPORATION, Richmond, Va. Filed Oct. 25, 1937. Under section 5b of the act of 1905 as amended in 1920.

Sergeant's

Applicant is the owner of Reg. No. 66,201, effected under the 10-year proviso of the act of Feb. 20, 1905.
For Publication Issued Periodically.
Claims use since Feb. 1, 1919.

Ser. No. 398,992. INVENTIONS PUBLISHING COMPANY, Washington, D. C. Filed Oct. 27, 1937.

Invention WORLD

For Periodical.
Claims use since Oct. 15, 1937.

Ser. No. 399,152. NEA SERVICE, INC., Cleveland, Ohio. Filed Oct. 30, 1937.

Movie Scrapbook

For Newspaper Feature Column Devoted to Illustrations and Topics of Interest in Connection with Moving Picture Activities Appearing in Newspapers and/or Periodicals.
Claims use since Sept. 17, 1937.

Ser. No. 399,204. LORING A. SCHULER, San Francisco, Calif. Filed Nov. 1, 1937.

HOMES OF THE WEST

For Monthly Magazine.
Claims use since Sept. 13, 1937.

Ser. No. 399,366. THE MILLS COMPANY, Cleveland, Ohio. Filed Nov. 5, 1937.

PARTITIONEER

For Periodical Brochures and Pamphlets.
Claims use since June 15, 1937.

Ser. No. 399,458. NATIONAL PUBLICATIONS, INC., Chicago, Ill. Filed Nov. 8, 1937.

MODERN ADVERTISING

For Periodical.
Claims use since Sept. 26, 1936.

Ser. No. 399,580. STORES PUBLISHING CO, INC., New York, N. Y. Filed Nov. 10, 1937.

WOMAN'S DAY

For Magazine Issued Monthly.
Claims use since Oct. 7, 1937.

Ser. No. 399,769. MARTHA HOUSTON PUBLICATIONS, INC., New York, N. Y. Filed Nov. 15, 1937.

promenade

For Magazine Published Monthly and at Other Intervals.
Claims use since November, 1935.

Ser. No. 399,893. NATIONAL INDUSTRIAL PUBLISHING CO., Pittsburgh, Pa. Filed Nov. 18, 1937.

Industrial Ovens

For Department or Section of a Magazine.
Claims use since November, 1934.

Ser. No. 399,908. UNITED FEATURE SYNDICATE, INC., New York, N. Y. Filed Nov. 18, 1937.



The mark comprises the portrait of Mammy, a fanciful, fictitious character.
For Comic Drawings Published in a Series in Daily and Sunday Newspapers.
Claims use since Nov. 7, 1937.

Ser. No. 400,062. JAMES L. LUCAS, Charlottesville, Va. Filed Nov. 23, 1937.

"down country"

For Monthly Magazine.
Claims use since Nov. 20, 1937.

Ser. No. 400,155. DOMESTIC ENGINEERING COMPANY, Chicago, Ill. Filed Nov. 26, 1937.



For Periodical.
Claims use since Nov. 10, 1937.

CLASS 39

Clothing

Ser. No. 355,146. LINCOLN KNITTING COMPANY, Merrill, Wis. Filed Aug. 18, 1934.

Lincolnit

For Ladies' Knitted Suits and Dresses, Men's, Boys', and Children's Sweaters, Shawls, Caps, Petticoats, Skirts, Leggings, and Ladies' and Men's Underwear.
Claims use since 1926.

Ser. No. 388,532. THE GRACE COMPANY, Kansas City, Mo. Filed Feb. 4, 1937.



The words "It's Graceful" are disclaimed apart from the mark.
For Infants' and Children's Frocks, Dresses, Sun Suits, Overalls, Aprons, Play Suits, and Smocks.
Claims use since Jan. 22, 1937.

Ser. No. 391,216. C. J. GORDON COMPANY, Chicago, Ill. Filed Apr. 12, 1937.



No claim is made to the notations "Russian Beaver", "(Dyed Coney)", and "Super Quality" apart from the mark.
For Dyed Coney Fur Coats, Scarfs, Muffs, and Jackets, Said Garments Being Made Solely of Fur.
Claims use since Mar. 1, 1936.

Ser. No. 395,370. MIDWEST KNIT GOODS COMPANY, Chicago, Ill. Filed July 16, 1937.



The words "Westwood" and "Knits" are disclaimed except as shown.
For Women's and Misses' Knitted Dresses and Suits.
Claims use since June 21, 1937.

Ser. No. 397,142. NATIONAL DEPARTMENT STORES MANAGEMENT & BUYING CORPORATION, New York, N. Y. Filed Sept. 4, 1937.

SMARTLEIGH

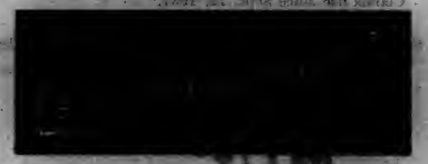
For Women's and Misses' Hats, Coats, Dresses, Suits, Jerkins, Sweaters, Bathing Suits, Beach Robes, Hosiery, Underwear of Knitted, Netted, and Textile Fabrics; Hats, Caps, Suits, Overcoats, Top Coats, Trousers, Jackets, and Coats for Men and Boys; Wearing Apparel of Wool, Cotton, Silk, Rayon, or Combinations Thereof for Men and Boys—Namely, Knitted Jackets, Sportcoats, Vests, and Sweaters, Pullovers, Snow Suits, Stockings, Socks, Half Hose, Sport Hose, Golf Hose, and Anklets of Knitted, Netted, or Textile Fabrics; Swim Suits, Bathing Suits, Bathing Shofts and Trunks, Bathing Shirts, Bath Robes, Beach Robes, and Scarfs; Mufflers and Mittens; Shirts for Women and Children; Dress, Negligee, Work, Sport, and Under Shirts for Men; Underwear for Men, Women, and Children; and Leather and Fabric Gloves.
Claims use since Dec. 1, 1925.

Ser. No. 397,641. BRANFORD SPORTWEAR, INC., New York, N. Y. Filed Sept. 22, 1937.

"Cobble Knit"

Applicant disclaims the word "Knit" apart from the mark.
For Women's Knitted Dresses.
Claims use since Jan. 5, 1934.

Ser. No. 397,925. COHEN, GOLDMAN & CO. INC., New York, N. Y. Filed Sept. 29, 1937.



The words "British Lounge" are disclaimed apart from the mark.
For Men's, Boys', and Children's Outer Garments, Consisting of Coats, Vests, Pants, and Trousers.
Claims use since Sept. 1, 1937.

Ser. No. 399,204. LORING A. SCHULER, San Francisco, Calif. Filed Nov. 1, 1937.

HOMES OF THE WEST

For Monthly Magazine.
Claims use since Sept. 13, 1937.

Ser. No. 399,366. THE MILLS COMPANY, Cleveland, Ohio. Filed Nov. 5, 1937.

PARTITIONEER

For Periodical Brochures and Pamphlets.
Claims use since June 15, 1937.

Ser. No. 399,458. NATIONAL PUBLICATIONS, INC., Chicago, Ill. Filed Nov. 8, 1937.

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Ser. No. 399,893. NATIONAL INDUSTRIAL PUBLISHING CO., Pittsburgh, Pa. Filed Nov. 18, 1937.

Industrial Ovens

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For Comic Drawings Published in a Series in Daily and Sunday Newspapers.
Claims use since Nov. 7, 1937.

Ser. No. 400,062. JAMES L. LUCAS, Charlottesville, Va. Filed Nov. 23, 1937.

"down country"

For Monthly Magazine.
Claims use since Nov. 20, 1937.

Ser. No. 400,155. DOMESTIC ENGINEERING COMPANY, Chicago, Ill. Filed Nov. 26, 1937.



For Periodical.
Claims use since Nov. 10, 1937.

CLASS 39
Clothing

Ser. No. 358,146. LINCOLN KNITTING COMPANY, Merrill, Wis. Filed Aug. 18, 1934.

Lincolnit

For Ladies' Knitted Suits and Dresses, Men's, Boys', and Children's Sweaters, Shawls, Caps, Petticoats, Skirts, Leggings, and Ladies' and Men's Underwear.
Claims use since 1926.

Ser. No. 388,532. THE GRACE COMPANY, Kansas City, Mo. Filed Feb. 4, 1937.



The words "It's Graceful" are disclaimed apart from the mark.
For Infants' and Children's Frocks, Dresses, Sun Suits, Overalls, Aprons, Play Suits, and Smocks.
Claims use since Jan. 22, 1937.

Ser. No. 391,216. C. J. GORDON COMPANY, Chicago, Ill. Filed Apr. 12, 1937.



No claim is made to the notations "Russian Beaver", "(Dyed Coney)", and "Super Quality" apart from the mark.
For Dyed Coney Fur Coats, Scarfs, Muffs, and Jackets, Said Garments Being Made Solely of Fur.
Claims use since Mar. 1, 1936.

Ser. No. 395,370. MIDWEST KNIT GOODS COMPANY, Chicago, Ill. Filed July 16, 1937.



The words "Westwood" and "Knits" are disclaimed except as shown.
For Women's and Misses' Knitted Dresses and Suits.
Claims use since June 21, 1937.

Ser. No. 397,142. NATIONAL DEPARTMENT STORES MANAGEMENT & BUYING CORPORATION, New York, N. Y. Filed Sept. 4, 1937.

SMARTLEIGH

For Women's and Misses' Hats, Coats, Dresses, Suits, Jerkins, Sweaters, Bathing Suits, Beach Robes, Hosiery, Underwear of Knitted, Netted, and Textile Fabrics; Hats, Caps, Suits, Overcoats, Top Coats, Trousers, Jackets, and Coats for Men and Boys; Wearing Apparel of Wool, Cotton, Silk, Rayon, or Combinations Thereof for Men and Boys—Namely, Knitted Jackets, Sportcoats, Vests, and Sweaters, Pullovers, Snow Suits, Stockings, Socks, Half Hose, Sport Hose, Golf Hose, and Anklets of Knitted, Netted, or Textile Fabrics; Swim Suits, Bathing Suits, Bathing Shorts and Trunks, Bathing Shirts, Bath Robes, Beach Robes, and Scarfs; Mufflers and Mittens; Shirts for Women and Children; Dress, Negligee, Work, Sport, and Under Shirts for Men; Underwear for Men, Women, and Children; and Leather and Fabric Gloves.
Claims use since Dec. 1, 1925.

Ser. No. 397,641. BRANFORD SPORTWEAR, INC., New York, N. Y. Filed Sept. 22, 1937.

"Cobble Knit"

Applicant disclaims the word "Knit" apart from the mark.
For Women's Knitted Dresses.
Claims use since Jan. 5, 1934.

Ser. No. 397,925. COHEN, GOLDMAN & CO. INC., New York, N. Y. Filed Sept. 29, 1937.



The words "British Lounge" are disclaimed apart from the mark.
For Men's, Boys', and Children's Outer Garments, Consisting of Coats, Vests, Pants, and Trousers.
Claims use since Sept. 1, 1937.

Ser. No. 397,991. WELFIT BRASSIERE CORPORATION, New York, N. Y. Filed Sept. 30, 1937.

MLLE Suzette

For Foundation Garments—Namely, Brassières, Girdles, Bandeaux, and Corsets.
Claims use since Sept. 13, 1937.

Ser. No. 398,400. IRVING R. ROTHMAN, Brooklyn, N. Y. Filed Oct. 12, 1937.



No claim is made to the words "Strength Without Strain", "Styled By", and "Fashioned Today for Tomorrow" apart from the mark and to the exclusive use of the box windows.
For Suspenders for Trousers, Men's Garters, and Trouser Belts.
Claims use since August, 1936.

Ser. No. 398,900. HARRY HAMERSHLAG & JOSEPH POTASH, New York, N. Y. Filed Oct. 25, 1937.



The words "Travel-Type" are disclaimed apart from the mark.
For Ladies' Coats and Ladies' Suits.
Claims use since Sept. 12, 1937.

Ser. No. 399,040. THE JOSEPH & FEISS COMPANY, Cleveland, Ohio. Filed Oct. 28, 1937.

Moraire

For Men's Clothing, Comprising Coats, Vests, Trousers, Suits, Overcoats, and Topcoats.
Claims use since Sept. 21, 1937.

Ser. No. 399,065. WITLIN & SCHNEIDER, Philadelphia, Pa. Filed Oct. 28, 1937.

WITLIN & SCHNEIDER
REORDER-GRAM

The firm name "Witlin & Schneider" is disclaimed apart from the mark.
For Dresses for Women, Misses, or Children.
Claims use since Jan. 1, 1936.

Ser. No. 399,131. A. & J. ENGEL, INC., New York, N. Y. Filed Oct. 30, 1937.



The word "Center-pelt" and the representation of the pelt are disclaimed apart from the mark.
For Ladies' and Misses' Hudson Seal Dyed Muskrat Fur Coats.
Claims use since Oct. 27, 1937.

Ser. No. 399,138. HAYMAN & COHEN INC., New York, N. Y. Filed Oct. 30, 1937.

ORIGINAL Fashion Flash

The word "Fashion" is disclaimed apart from the mark.
For Women's and Misses' Dresses and Coats.
Claims use since Sept. 18, 1937.

Ser. No. 399,264. THE ALLIGATOR COMPANY, St. Louis, Mo. Filed Nov. 3, 1937.

SAMTHUR CLOTH

The word "Cloth" is disclaimed apart from the mark.
For Street Coats, and Sport Coats for Golfing, Hunting, Fishing, Etc., for Men, Women, Misses, and Boys.
Claims use since Oct. 21, 1937.

Ser. No. 399,303. DUTCHESS UNDERWEAR CORP., New York, N. Y. Filed Nov. 4, 1937.

STARGLO

For Underwear for Women and Misses—Namely, Nightgowns, Pajamas, Bloomers, Undervests, Panties, Chemises, Slips, Lounging and Hostess Robes, Dance Sets Consisting of Brassières and Step-Ins in Combination, and Brassières.
Claims use since Sept. 10, 1937.

Ser. No. 399,382. VAN RAALTE COMPANY, New York, N. Y. Filed Nov. 5, 1937.

Velsuede

For Fabric Gloves.
Claims use since Oct. 30, 1937.

Ser. No. 399,486. STYLECRAFT-BROWN CORP., New York, N. Y. Filed Nov. 8, 1937.



For Ladies' and Misses' Slips and Petticoats.
Claims use since Sept. 24, 1936.

Ser. No. 399,497. LOUIS BASKIND & CO., INC.; New York, N. Y. Filed Nov. 8, 1937.

TWINWEAR

For Men's Shirts and Collars, Pajamas, and Shorts.
Claims use since Sept. 15, 1937.

Ser. No. 399,507. KRUMHOLZ & LICHTENLAU, New York, N. Y. Filed Nov. 9, 1937.

Kel Sheen

The word "Sheen" is disclaimed apart from the mark.
For Ladies' and Children's Underwear.
Claims use since July 15, 1937.

Ser. No. 399,518. TRACHTENBERG FURS, INC., New York, N. Y. Filed Nov. 9, 1937.



chic Ann

For Fur Coats.
Claims use since Oct. 15, 1937.

Ser. No. 399,585. WERTHEIMER & Co., Philadelphia, Pa. Filed Nov. 10, 1937.

TOP NOTCH

For Blouses for Women, Misses, and Girls.
Claims use since Jan. 1, 1937.

Ser. No. 399,593. E. BORGENICHT & CO., INC., New York, N. Y. Filed Nov. 11, 1937.

Joyce Ann FROCKS

The word "Frocks" is disclaimed apart from the mark.
For Children's, Misses', and Juniors' Dresses.
Claims use since Nov. 3, 1937.

Ser. No. 399,666. KRESGE DEPARTMENT STORES, INC., Newark, N. J., and Washington, D. C. Filed Nov. 12, 1937.

ROYAL KREST

For Hosiery.
Claims use since Oct. 1, 1936.

Ser. No. 400,043. SICELOFF MANUFACTURING COMPANY, Lexington, N. C. Filed Nov. 23, 1937.

RAM'S HORN

For Overalls, Work Coats, Work Shirts, and Work Pants.
Claims use since Jan. 1, 1935.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 399,473. PROVIDENCE BRAID COMPANY, Pawtucket, R. I. Filed Nov. 8, 1937.

ESQUIRE

For Shoe Laces, Corset Lacings, Underwear Lacings, Blouse Lacings, Tapes, Beltings, Bindings, Elastic Narrow Fabrics, and Bandings, All of Which Are Woven or Braided of Cotton, Rayon, Silk, or Worsted.
Claims use since Oct. 20, 1937.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 398,068. WAMSUTTA MILLS, New Bedford, Mass. Filed Oct. 2, 1937.

ST

For Cotton Piece Goods, Sheets, and Pillow Cases.
Claims use since Apr. 21, 1922.

Ser. No. 399,129. THE COMFY MANUFACTURING CO., Baltimore, Md. Filed Oct. 30, 1937.

Snuggle-Down COMFORTS PROVEN the WARMEST EVER MADE

No claim is made to the word "Down" standing alone, but applicant does claim the integral expression "Snuggle-Down", and excepting the said integral expression, applicant disclaims all other wording on the drawing apart from the mark as shown. Furthermore, applicant disclaims the physical representation of a comfort apart from the mark as shown.
For Comforts.
Claims use since June 1, 1937.

CLASS 43

Thread and Yarn

Ser. No. 399,530. LILY MILLS COMPANY, Shelby, N. C. Filed Nov. 9, 1937.

Lily SHORTONE

For Crochet Cotton.
Claims use since Oct. 20, 1937.

Ser. No. 399,700. CENTRAL YARN CO. INC., Brooklyn, N. Y. Filed Nov. 13, 1937.

CASHMOLAM

For Threads and Yarns.
Claims use since Nov. 3, 1937.

Ser. No. 400,250. ROCHAMBEAU WORSTED COMPANY, Providence, R. I. Filed Nov. 29, 1937.

RAMBEAU

For Yarns.
Claims use since Nov. 3, 1937.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 396,932. PURITAN MILLS, INC., Chicago, Ill. Filed Aug. 30, 1937.

LEM-KWIK

The word "Kwik" is disclaimed apart from the mark.
For Lemon Flavored Powder Simulating the Solid Constituents of Lemon Juice, for Use as a Substitute for Lemon Juice.
Claims use since July 27, 1937.

Ser. No. 400,500. DANIEL C. FELGER, doing business as D. C. Felger Bottling Works, Fort Wayne, Ind. Filed Dec. 6, 1937.

WAYNO

For Soft Drinks—Namely, Ginger Ale, Cherry, Orange, and Lime Flavors of Pop.
Claims use since January, 1908.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 385,123. ILLINOIS STATE HATCHERIES, INC., Springfield, Ill. Filed Nov. 5, 1936.

"Big Boy" Chicks
-Extra Choice-

The words "Chicks" and "Extra Choice" are disclaimed except as shown.
For Baby Chicks.
Claims use since Aug. 1, 1936.

Ser. No. 385,124. ILLINOIS STATE HATCHERIES, INC., Springfield, Ill. Filed Nov. 5, 1936.

"Producer" Chicks
Choice

The words "Chicks" and "Choice" are disclaimed except as shown.
For Baby Chicks.
Claims use since Aug. 1, 1936.

Ser. No. 392,799. THE KELLING NUT CO., Chicago, Ill. Filed May 15, 1937.

DOUBLE KAY

For Salted, Candied, and Plain Nut Meats.
Claims use since 1907.

Ser. No. 393,479. CONSOLIDATED PRODUCE COMPANY LTD., Los Angeles, Calif. Filed June 1, 1937.

KEYSTONE

For Fresh Deciduous Fruits, Fresh Citrus Fruits, Fresh Berries, and Fresh Vegetables.
Claims use since 1897.

Ser. No. 394,266. LOUIS J. ACKERMAN & CO. INC., New York, N. Y. Filed June 19, 1937.

Extra Fancy EVERSHARPE BRAND Skim Cured WHOLE MILK CHEESE

The word "Eversharpe" is disclaimed. All other wording is disclaimed apart from the other features of the mark. The drawing is lined for red.
For Cheese.
Claims use since June 1, 1937.

Ser. No. 395,386. JULIUS J. ADAMS, New York, N. Y. Filed July 19, 1937.

PURE BREATH PURIFIES BREATH ODORS

No claim is made to the words "Pure Breath" and "Purifies Breath Odors" apart from the mark.
For Breath Purifying Non-Medicated Candy.
Claims use since July 2, 1937.

Ser. No. 396,214. UNITED STATES PRODUCTS CORPORATION, LTD., San Jose, Calif. Filed Aug. 9, 1937.

The Royal family of fruits

The word "Fruits" is disclaimed apart from the mark.
For Canned Fruits and Fruit Juices for Food Purposes.
Claims use since Apr. 28, 1926.

Ser. No. 396,300. CORN PRODUCTS REFINING COMPANY, New York, N. Y. Filed Aug. 12, 1937.

CEROLA

For Pure Vegetable Salad and Cooking Oil.
Claims use since Aug. 4, 1937.

Ser. No. 396,456. FLOYD H. EISENBARGER, Casper, Wyo. Filed Aug. 16, 1937.

CASPER-RITE

The word "Casper" is disclaimed apart from the mark.
For Eggs.
Claims use since April, 1925.

Ser. No. 396,628. H. BUSCH & CO. INC., New York, N. Y. Filed Aug. 21, 1937.



The portrait is that of Peter Stuyvesant.
For Coffee, Tea, Rice, and Spices—Namely, Pepper, Paprika, Allspice, Ginger, Cardamon Seed, Oregano, Mint Leaves, Parsley Salt, Garlic Salt, Mustard, Nutmeg, Cloves, Mace, Thyme, Sage, Poultry Seasoning, Mace Penang, Curry Powder, Tumeric Powder, Pastry Spice, Marjorum, Onion Powder, Garlic Powder, Mixed Spices, Anise Seed, Bay Leaves, Savory Leaf, Rose Marie, Celery Seed, Dill Seed, Coriander Seed, Fennel Seed, and Poppy Seed.
Claims use since 1931.

Ser. No. 397,292. LOOSE-WILES BISCUIT COMPANY, Long Island City, N. Y. Filed Sept. 10, 1937.

KING DO DO

For Cookies, Cakes, Biscuits, and Crackers.
Claims use since October, 1905.

Ser. No. 397,648. ECONOMY FOOD CO., Vacaville, Calif. Filed Sept. 22, 1937.

ECONOMY BRAND

The word "Brand" is disclaimed apart from the mark.
For Onion Powder and Garlic Powder.
Claims use since Aug. 26, 1937.

Ser. No. 397,957. VITALITY HEALTH KITCHENS, INC., New York and Long Island City, N. Y. Filed Sept. 29, 1937.

Demand ViKi BRAND

TRADE MARK

No claim is made to the words "Trade-Mark", "Demand", or "Brand".

For Bread and Cake—Namely, Date-Nut Loaf (which is a Loaf That May Be and is Used as Either a Bread or Cake and May Be Classified as Either Bread or Cake), Muffins, Whole-Wheat Bread, and Cakes.

Claims use since July 1, 1937.

Ser. No. 398,149. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Filed Oct. 5, 1937.

Cooky Crox

The word "Cooky" is disclaimed except as shown.

For Prepared Mixture for Making Cookies.

Claims use since Sept. 11, 1937.

Ser. No. 398,150. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Filed Oct. 5, 1937.



The portrait is fanciful. The word "Cooky" is disclaimed except as shown.

For Prepared Mixture for Making Cookies.

Claims use since Sept. 11, 1937.

Ser. No. 399,313. MYRON ROOT & CO., INC., Medford, Oreg. Filed Nov. 4, 1937.

GOLDEN

LIMITED BRAND

The word "Brand" is disclaimed apart from the mark.

For Fresh Pears.

Claims use since Sept. 1, 1937.

Ser. No. 399,372. EMIL J. RAUSCH, doing business as Santa Rosa Preserving Kitchen, Pasadena, Calif. Filed Nov. 5, 1937.

O-NEH-DA

For Fruits and Berries Packed in Wine—Namely, Apricots, Blackberries, Blueberries, Cherries, Dates, Figs, Fruit-Cocktail, Gooseberries, Grapefruit, Grapes, Plums, Loganberries, Muscat Raisins, Nectarines, Oranges, Peaches, Pears, Pineapples, Prunes, Raspberries, Strawberries, and Youngberries, and Salad-Fruits.

Claims use since Oct. 25, 1937.

Ser. No. 399,412. KOLLNER'S INC., Jamaica, N. Y. Filed Nov. 6, 1937.

SNOWCREST

For Pure Vegetable Shortening.

Claims use since Sept. 1, 1937.

Ser. No. 399,413. KRAFT-PHENIX CHEESE CORPORATION, Chicago, Ill. Filed Nov. 6, 1937.

PLACTO

For Sweetened Condensed Milk in Solid Form.

Claims use since Sept. 15, 1933.

Ser. No. 399,609. KINCAID & MAY BROS. COMPANY, Minneapolis, Minn. Filed Nov. 11, 1937.

Future

For Canned Vegetables, and Canned Pumpkin.

Claims use since July 29, 1937.

Ser. No. 399,616. G. A. MEYER & SON, INCORPORATED, Chicago, Ill. Filed Nov. 11, 1937.

ROYAL FLUSH



For Grapefruit, Oranges, Cantaloupes, and Honey Dew Melons.

Claims use since 1932.

Ser. No. 399,724. OCONOMOWOC CANNING CO., Oconomowoc, Wis. Filed Nov. 13, 1937.



For Canned Vegetables.

Claims use since Sept. 15, 1937.

Ser. No. 399,872. WELCH FRUIT PRODUCTS CO., Chicago, Ill. Filed Nov. 17, 1937.

Butter-Malt

The words "Butter-Malt" are disclaimed apart from the mark.

For Ice Cream Flavoring.

Claims use since Nov. 5, 1937.

Ser. No. 399,917. BATTLE CREEK DOG FOOD CO., Battle Creek, Mich. Filed Nov. 19, 1937.

MEATIES

For Dog Food.

Claims use since August, 1936.

Ser. No. 399,945. VIMFEP FOODS, INC., Cambridge, Md. Filed Nov. 19, 1937.



For Dog Food.

Claims use since Oct. 25, 1937.

Ser. No. 400,083. THE BRADLEY SMITH COMPANY, New Haven, Conn. Filed Nov. 24, 1937.

Cozy Cottage

For Candy.

Claims use since 1932.

Ser. No. 400,122. NEW ERA CANNING COMPANY, New Era, Mich. Filed Nov. 24, 1937.

Necco

For Canned Fruits and Canned Vegetables.

Claims use since June 1, 1922.

Ser. No. 400,201. NAAMLOOZE VENNOOTSCHAP JOHS. HALBERTSMA'S ZUIVELINDUSTRIE, Sneek, Netherlands. Filed Nov. 27, 1937.



For Cheese.

Claims use since Apr. 24, 1912.

Ser. No. 400,222. CLAREMONT CITRUS ASSOCIATION, Claremont, Calif. Filed Nov. 29, 1937.

IBIS

For Fresh Citrus Fruit.

Claims use since 1923.

CLASS 47

Wines

Ser. No. 396,791. SOLANO WINERY, INC., Cordelia, Calif. Filed Aug. 26, 1937.



The term "Solano" and the word "Brand" are disclaimed apart from the mark. The name and portrait are a fanciful personification of the Solano or Southeast wind.

For Wine.

Claims use since Dec. 11, 1933.

Ser. No. 396,792. SOLANO WINERY, INC., Cordelia, Calif. Filed Aug. 26, 1937.

SOLANO
BRAND

The word "Brand" and the term "Solano" are disclaimed apart from the mark. The name and portrait are a fanciful personification of the Solano or Southeast wind.
For Wine.
Claims use since Dec. 11, 1933.

CLASS 48

Malt Beverages and Liquors

Ser. No. 389,201. CHARLES P. TRAINOR, doing business as Happy Lager Distributing Co., Los Angeles, Calif. Filed Feb. 20, 1937.

HAPPY-LAGER

The word "Lager" is disclaimed apart from the mark.
For Beer.
Claims use since Jan. 14, 1937.

Ser. No. 393,413. CHILL FOAM CORPORATION OF AMERICA, Detroit, Mich. Filed May 29, 1937.

CLEAR
O
ZYME

The word "Zyme" is disclaimed apart from the mark.
For Chemical in the Form of a Powder Used to Chill-Proof Beer.
Claims use since Apr. 21, 1937.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 400,457. FRUIT INDUSTRIES, LTD., Los Angeles, Calif., and New York, N. Y. Filed Dec. 4, 1937.



Applicant is the owner of registration No. 81,781 (renewed), for the mark "Greystone", effected under the ten-year proviso.
For Brandy.
Claims use since Feb. 4, 1937.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 397,956. SOLO CHEMICAL WORKS, INC., St. Louis, Mo. Filed Sept. 29, 1937.



The word "America's" is disclaimed apart from the mark.
For Fly Paper, Fly Ribbon, and Insect-Trapping Devices.
Claims use since Sept. 17, 1937.

Ser. No. 398,526. CHISHOLM-RYDER CO., INC., Niagara, Falls, N. Y. Filed Oct. 15, 1937.

PREMAX

For Tent Poles and Stakes.
Claims use since Apr. 1, 1933.

Ser. No. 398,911. JOHN R. LOVE, doing business as City Awning and Shade Co., Los Angeles, Calif. Filed Oct. 25, 1937.


9 Lives "Purr"manent

For Imitation Textile Fabrics, Awnings, Tents, Canopies, Imitation Canvas, and Mats.
Claims use since July, 1937.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

JANUARY 11, 1938

353,436. COSMETICS FOR MEN AND WOMEN—NAMELY, SKIN ASTRINGENT, CLEANSING CREAM, COLD CREAM, HONEY AND ALMOND CREAM, SHAMPOO, AFTER SHAVING LOTION, PERFUME, HAIR OIL, ANTISEPTIC SOLUTION, BRILLIANTINE, AND NAIL POLISH AND REMOVER. HAROLD L. ROTHSCHILD, doing business as Coronado Manufacturing Company, St. Paul, Minn.
Filed March 16, 1935. Serial No. 362,631. PUBLISHED AUGUST 13, 1935. Class 6.

353,437. COMMODE PAD. LISA ALBERT, doing business as L. Albert Co., New York, N. Y.
Filed October 2, 1935. Serial No. 369,903. PUBLISHED NOVEMBER 2, 1937. Class 32.

353,438. MEN'S TOPCOATS. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y.
Filed December 20, 1935. Serial No. 372,878. PUBLISHED NOVEMBER 2, 1937. Class 39.

353,439. SOOT DESTROYER AND FUEL SAVER. ACME CHEMICAL COMPANY, Milwaukee, Wis.
Filed March 13, 1936. Serial No. 375,918. PUBLISHED JUNE 16, 1936. Class 6.

353,440. TRACTOR-TRUCK. KOEHRING COMPANY, Milwaukee, Wis.
Filed March 24, 1936. Serial No. 376,351. PUBLISHED NOVEMBER 2, 1937. Class 19.

353,441. LIVESTOCK MINERAL CONCENTRATE CONSISTING OF STEAMED BONE MEAL, CALCIUM (GROUND LIMESTONE), TRICALCIUM PHOSPHATE, POTASSIUM IODIDE, SULPHUR, IRON OXIDE. R. W. NOLAND, doing business as Noland Feed Company, Casper, Wyo.
Filed April 8, 1936. Serial No. 376,974. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,442. DRY ROUGES, FACE POWDERS, BODY POWDERS, BATH SALTS, BATH POWDERS, AND PERFUMES. CORNELIA W. DAVENPORT, Philadelphia, Pa.
Filed May 15, 1936. Serial No. 378,481. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,443. INSECTICIDES. THE LEWY CHEMICAL CO., New York, N. Y.
Filed June 23, 1936. Serial No. 380,112. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,444. INSECTICIDES. THE LEWY CHEMICAL CO., New York, N. Y.
Filed June 23, 1936. Serial No. 380,113. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,445. INSECTICIDES. THE LEWY CHEMICAL CO., New York, N. Y.
Filed June 23, 1936. Serial No. 380,114. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,446. PRINTED BOOKS IN PROSE OR POETRY. WALLACE HAVELOCK ROSS, Kingston, Ontario, Canada, and New York, N. Y.
Filed July 1, 1936. Serial No. 380,489. PUBLISHED OCTOBER 26, 1937. Class 38.

353,447. CANDY. SCHALL CANDY CO., Clinton, Iowa.
Filed July 29, 1936. Serial No. 381,583. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,448. FRUITS, PARTICULARLY CANNED BANANAS. WILLIAM H. O'NEIL, doing business as National Banana Ripening Company, San Francisco, Calif.
Filed July 31, 1936. Serial No. 381,686. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,449. CANNED TOMATOES, CANNED TOMATO PURÉE, AND CANNED TOMATO JUICE. CAAR CANNING COMPANY, Red Key, Ind.
Filed August 7, 1936. Serial No. 381,904. PUBLISHED OCTOBER 20, 1936. Class 46.

353,450. STEEL MUSIC WIRE. AMERICAN GIESE WIRE CORPORATION, New York, N. Y.
Filed August 25, 1936. Serial No. 382,547. PUBLISHED NOVEMBER 2, 1937. Class 36.

353,451. MALT SYRUPS FOR FOOD PURPOSES. FINE FOODS, INC., Seattle, Wash.
Filed September 5, 1936. Serial No. 382,949. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,452. COTTON GARMENTS—NAMELY, WOMEN'S AND GIRLS' DRESSES, BLOUSES, BATH-ROBES, BEACH ROBES, AND COATS, MEN'S AND BOYS' DRESS AND WORK SHIRTS, ETC. RIVERSIDE & DAN RIVER COTTON MILLS, INC., Danville, Va.
Filed September 9, 1936. Serial No. 382,996. PUBLISHED OCTOBER 26, 1937. Class 39.

353,453. SHADE HANGERS. REBEL MANUFACTURING CO., INC., Brooklyn, N. Y.
Filed September 8, 1936. Serial No. 383,032. PUBLISHED NOVEMBER 2, 1937. Class 13.

353,454. SASH AND SCREEN LOCK BEARING PLATES. LOUIS J. SCHMIDT, doing business as The Combination Door Co., Fond du Lac, Wis.
Filed September 15, 1936. Serial No. 383,273. PUBLISHED NOVEMBER 2, 1937. Class 25.

353,455. CLEANSING CREAM, LIPSTICK, FACE POWDER, ROUGE, AND NAIL POLISH. EMIL EINHORN, New York, N. Y.
Filed September 29, 1936. Serial No. 383,769. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,456. POLO SHIRTS, KNIT JACKETS, AND SWEATERS FOR MEN, WOMEN, AND CHILDREN. NORWICH KNITTING COMPANY, Norwich, N. Y.
Filed October 7, 1936. Serial No. 384,097. PUBLISHED DECEMBER 1, 1936. Class 39.

353,457. COSMETICS, PERFUMES, CREAMS, AND LIKE PREPARATIONS FOR THE TREATMENT OF THE SKIN AND HAIR. JOHANNES KARBE, Berlin, Germany.
Filed October 26, 1936. Serial No. 384,798. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,458. LUBRICATING OILS AND GREASES, LUBRICATING OIL COMPOUNDS, AND MOTOR-LUBRICATING OILS. THE LUBRI-ZOL CORPORATION, Cleveland and Wickliffe, Ohio.
Filed October 26, 1936. Serial No. 384,804. PUBLISHED OCTOBER 26, 1937. Class 15.

353,459. ANTISEPTIC COUNTER IRRITANT. ROBERT A. WANGEMAN, doing business as Hamilton Chemical Co., Sheboygan, Wis.
Filed October 26, 1936. Serial No. 384,826. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,460. PHARMACEUTICAL ACIDOPHILUS COMPOUND. FLORENZ LABORATORY, Los Angeles, Calif.
Filed November 9, 1936. Serial No. 385,274. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,461. VASO-CONSTRICTING SUBSTANCE. DAVID CURTIS, doing business as De-Ce Products Co. of New York, New York, N. Y.
Filed November 19, 1936. Serial No. 385,725. PUBLISHED OCTOBER 26, 1937. Class 6.

353,462. READY MIXED, PASTE PAINT, VARNISHES, AND PAINT ENAMELS. IRONHARD PAINT & COLOR WORKS, LTD., Los Angeles, Calif.
Filed December 5, 1936. Serial No. 386,390. PUBLISHED JULY 27, 1937. Class 16.

353,463. SUPPLEMENTAL FOOD PRODUCT CONTAINING CONCENTRATED DRIED VEGETABLES USUALLY SOLD IN CAPSULE FORM. ANABOLIC FOOD PRODUCTS, INC., Chicago, Ill.
Filed December 7, 1936. Serial No. 386,392. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,464. SUPPLEMENTAL FOOD PRODUCT CONTAINING CONCENTRATED DRIED VEGETABLES USUALLY SOLD IN CAPSULE FORM. ANABOLIC FOOD PRODUCTS, INC., Chicago, Ill.
Filed December 7, 1936. Serial No. 386,393. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,465. SUPPLEMENTAL FOOD PRODUCT CONTAINING CONCENTRATED DRIED VEGETABLES USUALLY SOLD IN CAPSULE FORM. ANABOLIC FOOD PRODUCTS, INC., Chicago, Ill.
Filed December 7, 1936. Serial No. 386,394. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,466. PREPARATION TO BE USED ON CIGARETTE OR PIPE TOBACCO TO COUNTERACT THE IRRITATION OF THE BRONCHIAL AND NASAL PASSAGES CAUSED BY SMOKE. ERNEST DUTCHMAN, London, England.
Filed December 7, 1936. Serial No. 386,416. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,467. PICTURE SECTION OF A NEWSPAPER. LOOK, INC., Des Moines, Iowa, assignor to Picture Magazines, Inc, New York, N. Y., a corporation of New York.
Filed December 8, 1936. Serial No. 386,492. PUBLISHED NOVEMBER 2, 1937. Class 38.

353,468. ASTRINGENTS, ASTRINGENT CERATES, BLEACH CREAMS, BEAUTY CREAMS, COLD CREAMS, CLEANSING CREAMS, ETC. MAISON JEURELLE-SEVENTEEN, INC., New York, N. Y.
Filed December 23, 1936. Serial No. 387,088. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,469. PILLOW PROTECTORS, BLANKET PROTECTORS, MATTRESS PROTECTORS MADE OF BROADCLOTH AND RAYON-SILK. STANFORD J. GOLDWATER, New York, N. Y.
Filed January 2, 1937. Serial No. 387,376. PUBLISHED NOVEMBER 2, 1937. Class 42.

353,470. COMPOUNDED MINERAL WATER. KANE & COMPANY, Fort Worth, Tex.
Filed January 16, 1937. Serial No. 387,872. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,471. THERAPEUTIC LINIMENT USED IN THE TREATMENT OF LAMENESS, INJURED TENDONS AND LIGAMENTS IN HORSES. MCKAY BROTHERS, West Allis, Wis.
Filed February 1, 1937. Serial No. 388,400. PUBLISHED OCTOBER 26, 1937. Class 6.

353,472. FROZEN CONFECTIONS. JOE LOWE CORPORATION, New York, N. Y.
Filed February 5, 1937. Serial No. 388,581. PUBLISHED APRIL 20, 1937. Class 46.

353,473. BEAUTY PRODUCTS—NAMELY, CLEANSING CREAM, TISSUE CREAM, HAND CREAM, FINISHING CREAM, FOUNDATION CREAM, ETC. FLOYD R. DUDGEON, doing business as Lyric Beauty Products, Oakland, Calif.
Filed February 12, 1937. Serial No. 388,832. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,474. INSECTICIDES AND FOR COMPOUNDS HAVING AN ODOR REPULSIVE TO ANIMALS. MIDWAY CHEMICAL CO., Chicago, Ill., assignor, by mesne assignments, to Midway Chemical Co., Jersey City, N. J., a corporation of New Jersey.
Filed February 15, 1937. Serial No. 388,952. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,475. FLAVORING SAUCE COMPRISING A BLEND OF WHEAT, SOY BEANS, SALT, AND SUGAR, FOR SOUPS, BROTHS, CONSOMME, GRAVIES, HASHES, STEWS, AND ALL OTHER COMBINATIONS OF MEATS AND VEGETABLES. LACHOY FOOD PRODUCTS, INC., Detroit, Mich.
Filed February 18, 1937. Serial No. 389,073. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,476. JOINTS FOR CONCRETE ROADS AND THE LIKE OF THE CHARACTER THAT BECOME AN INTEGRAL PART OF THE STRUCTURE—NAMELY, EXPANSION JOINTS, CONTRACTION JOINTS, AND CONSTRUCTION JOINTS. AMERICAN CONCRETE EXPANSION JOINT CO., Chicago, Ill.
Filed March 3, 1937. Serial No. 389,595. PUBLISHED NOVEMBER 2, 1937. Class 12.

353,477. PREPARATION FOR FEMININE HYGIENE. S. M. LABORATORIES, INC., Seattle, Wash.
Filed March 6, 1937. Serial No. 389,754. PUBLISHED MAY 11, 1937. Class 6.

353,478. WOOD PRESERVATIVE AND VERMICIDE. TENNESSEE EASTMAN CORPORATION, Kingsport, Tenn.
Filed March 20, 1937. Serial No. 390,333. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,479. WOOD PRESERVATIVE IN THE NATURE OF A CHEMICAL COMPOUND. SONTI KAMESAM, Dehra Dun, India.
Filed April 3, 1937. Serial No. 390,920. PUBLISHED OCTOBER 26, 1937. Class 6.

353,480. CHAIRS, BENCHES, SEATS, SETTEES, TABLES, AND STANDS. EMIL HAUSER, New York, N. Y.
Filed April 12, 1937. Serial No. 391,217. PUBLISHED NOVEMBER 2, 1937. Class 32.

353,481. CANNED FISH AND SMOKED FISH. HEINRICH GERLACH GESELLSCHAFT. MIT BESCHRANKTER HAFTUNG, Hamburg-Altona, Germany.
Filed April 12, 1937. Serial No. 391,219. PUBLISHED OCTOBER 26, 1937. Class 46.

353,482. CARTONS, PACKAGES, BOXES, AND BAGS FORMED OF A MULTI-PLY PRODUCT COMPRISING ESSENTIALLY A PLY OF PAPER OR FIBERBOARD HAVING ADHESIVELY UNITED THERETO A PLY OF TRANSPARENT MATERIAL. LAMCOTE, INCORPORATED, Chicago, Ill.
Filed April 17, 1937. Serial No. 391,480. PUBLISHED NOVEMBER 2, 1937. Class 2.

353,483. WAXED PAPER. ECONOMY PAPER PRODUCTS COMPANY, Milwaukee, Wis.
Filed April 26, 1937. Serial No. 391,857. PUBLISHED NOVEMBER 2, 1937. Class 37.

353,484. GERMICIDES AND DISINFECTANTS. ROMEO PARENT, doing business as Laboratories Lorbis, Montreal, Quebec, Canada.
Filed April 27, 1937. Serial No. 391,940. PUBLISHED OCTOBER 26, 1937. Class 6.

353,485. ALUMINUM PAINT, ALUMINUM PASTE, BRONZING LIQUIDS, ALUMINUM AND BRONZE POWDERS. ACME BRONZE POWDER COMPANY, New York, N. Y.
Filed May 10, 1937. Serial No. 392,513. PUBLISHED NOVEMBER 2, 1937. Class 16.

358,486. HOISTING UNITS AND DETACHABLE BUCKETS AND CONTAINERS THEREFOR. DEMPSTER BROTHERS, INCORPORATED, Knoxville, Tenn.
Filed May 11, 1937. Serial No. 392,582. PUBLISHED NOVEMBER 2, 1937. Class 23.

353,487. GIRLS' DRESSES, BLOUSES, AND JUMPERS. LEO J. GOLDBERGER, New York, N. Y.
Filed May 13, 1937. Serial No. 392,728. PUBLISHED OCTOBER 26, 1937. Class 39.

353,488. MEDICAL COMPOUND OR PREPARATION RECOMMENDED FOR THE RELIEF AND TREATMENT OF GALL STONES. ARISTOPHARM A.-G. (ARISTOPHARM S. A.), (ARISTOPHARM LTD.), Basel, Switzerland.
Filed May 17, 1937. Serial No. 392,837. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,489. POLISHES OR SEALERS FOR CLEANING AND POLISHING PAINTED, VARNISHED, OR OTHER FINISHED SURFACES. WALTER G. BARYL, doing business as Re-Vi-Vo Products, Chicago, Ill.
Filed May 17, 1937. Serial No. 392,839. PUBLISHED NOVEMBER 2, 1937. Class 16.

353,490. PREPARATION FOR AN APPLICATION FOR USE AS A SHAMPOO FOR THE SCALP, TO REMOVE LOOSE DANDRUFF AND AS A DISINFECTANT WASH FOR THE HANDS AND BODY. E. A. FARRON, Los Angeles, Calif.
Filed May 19, 1937. Serial No. 392,969. PUBLISHED OCTOBER 26, 1937. Class 6.

353,491. SASH AND STORE FRONT CONSTRUCTIONS, METAL MOUNTINGS FOR GLASS SHEETS OR PLATES, AND ACCESSORIES THEREFOR—NAMELY, VERTICAL AND HORIZONTAL DIVISION BARS, ETC. LIBBEY-OWENS-FORD GLASS COMPANY, Toledo, Ohio.
Filed May 19, 1937. Serial No. 392,990. PUBLISHED NOVEMBER 2, 1937. Class 12.

353,492. NERVE AND DIGESTIVE TONICS. ROMEO PARENT, doing business as Laboratories Lorbis, Montreal, Quebec, Canada.
Filed May 24, 1937. Serial No. 393,184. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,493. MACHINE OILS. ROMEO PARENT, doing business as Familex Products Company, Montreal, Quebec, Canada.
Filed May 24, 1937. Serial No. 393,199. PUBLISHED OCTOBER 26, 1937. Class 15.

353,494. AUTOMOBILES AND STRUCTURAL PARTS THEREOF AND CHASSIS THEREFOR, AND MOTOR ROAD BODIES AND PARTS THEREOF. AMERICAN BANTAM CAR COMPANY, Butler, Pa.
Filed May 27, 1937. Serial No. 393,246. PUBLISHED OCTOBER 26, 1937. Class 19.

353,495. MEN'S AND BOYS' SUITS, COATS, OVERCOATS, TOP COATS, VESTS, TROUSERS, KNICKERBOCKERS, AND BREECHES. HART, SCHAFFNER & MARX, Chicago, Ill.
Filed May 29, 1937. Serial No. 393,423. PUBLISHED NOVEMBER 2, 1937. Class 39.

353,496. LINOLEUM CEMENT, USED ALSO AS A GENERAL ADHESIVE. I. BECK & SONS INC., New York, N. Y.
Filed July 13, 1937. Serial No. 395,162. PUBLISHED NOVEMBER 9, 1937. Class 5.

353,497. ILLUSTRATED STORIES PUBLISHED IN INSTALLMENTS. CARLISE CRUTCHER, Louisville, Ky.
Filed June 7, 1937. Serial No. 393,753. PUBLISHED NOVEMBER 2, 1937. Class 38.

353,498. COMPOUND FOR THE TREATMENT OF NEURITIS, ARTHRITIS, AND MUSCULAR RHEUMATISM. EDWARD L. GOSLAW, Boulder Creek, Calif.
Filed June 8, 1937. Serial No. 393,806. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,499. PORTABLE AND PREFABRICATED HOUSES AND BUILDINGS. E. F. HODGSON CO., Boston, Mass.
Filed June 9, 1937. Serial No. 393,853. PUBLISHED OCTOBER 26, 1937. Class 12.

353,500. QUARTZ, QUARTZITE, DIGESTER, FILTER, AND SANDPAPER QUARTZ, AGGREGATE, PLASTER, GRAVEL, SAND, SAND FILLER, ETC. MINNESOTA MINING & MANUFACTURING COMPANY, St. Paul, Minn.
Filed June 9, 1937. Serial No. 393,866. PUBLISHED NOVEMBER 2, 1937. Class 1.

353,501. WORM EXPELLERS FOR ANIMALS AND FOWL. MOORMAN MANUFACTURING COMPANY, Quincy, Ill.
Filed June 9, 1937. Serial No. 393,869. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,502. PINS, CLIPS, AND CHAINS MADE OF OR PLATED IN WHOLE OR IN PART WITH PRECIOUS METAL, BRACELETS, WATCH BRACELETS, BRACELET PARTS, BRACELET FINDINGS, BROOCHES, PENDANTS, COSTUME JEWELRY, AND ORNAMENTAL ARTICLES OF JEWELRY FOR PERSONAL WEAR GENERALLY NOT INCLUDING WATCHES. SPEIDEL CORPORATION, Providence, R. I.
Filed June 9, 1937. Serial No. 393,877. PUBLISHED SEPTEMBER 28, 1937. Class 28.

353,503. MEN'S AND BOYS' OUTER GARMENTS—NAMELY, SUITS, COATS, VESTS, AND TROUSERS. LOUIS H. MANKO, doing business as L. H. Manko & Company and National Summer Clothing Company, Philadelphia, Pa.
Filed June 10, 1937. Serial No. 393,912. PUBLISHED OCTOBER 26, 1937. Class 39.

353,504. PERIODICAL PROGRAM SKITS FOR RADIO STATIONS SOLD AS A PUBLICATION IN INTERSTATE TRADE. CALIFORNIA CONSERVING COMPANY, INCORPORATED, San Francisco, Calif.
Filed June 12, 1937. Serial No. 393,971. PUBLISHED NOVEMBER 2, 1937. Class 38.

353,505. OINTMENTS AND SALVES FOR USE IN THE TREATMENT OF CUTS, BRUISES, SPRAINS, BURNS, SUNBURNS, ECZEMA, PILES, HEMORRHOIDS, INSECT BITES, SKIN DISORDERS, EYEWASH, AND FOR THE TREATMENT OF CUTS, BRUISES, AND ABRASIONS OF ANIMALS. HEWETT & ECKEL, doing business as Maytubby Springs Company, Durant, Okla., and Dallas, Tex.
Filed June 14, 1937. Serial No. 394,040. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,506. SALESMEN'S PORTFOLIOS CONTAINING SALES FORMS, ORDER PADS, AND ORDER BOOKS. LELIUS C. ZANDER, doing business as Valzan Manufacturing Company, Van Nuys, Calif.
Filed June 16, 1937. Serial No. 394,155. PUBLISHED NOVEMBER 2, 1937. Class 3.

353,507. VANILLIN SUGAR. ACHILLE BAWIN, New York, N. Y.
Filed June 17, 1937. Serial No. 394,161. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,508. BED SPRINGS AND MATTRESSES. GREENPOINT METALLIC BED COMPANY, INC., Brooklyn, N. Y.
Filed June 18, 1937. Serial No. 394,229. PUBLISHED NOVEMBER 2, 1937. Class 32.

353,509. LADIES' CHEMISES, PRINCESS SLIPS, BLOOMERS, STEP-INS, NIGHTGOWNS, PAJAMAS, AND STEP-IN DRAWERS OF A TEXTILE FABRIC. I. SCHNEIERSON & SONS, INC., New York, N. Y.
Filed June 16, 1937. Serial No. 394,257. PUBLISHED OCTOBER 26, 1937. Class 39.

353,510. PHOTO-ENGRAVING AND PHOTOGRAPHIC CHEMICALS—NAMELY, STRIPFILM, A FILM SUPPORTED OR BACKED ON PAPER WHICH STRIPS OR PULLS OFF WHEN CHEMICALLY TREATED, FROM PAPER TO GLASS, THE DEVELOPER FOR THE SAME, COLD ENAMEL, COLD ENAMEL DEVELOPER, ACID SULPHITE SOLUTION, AND COLLODION. CHEMCO PHOTOPRODUCTS COMPANY, Glen Cove and New York, N. Y.
Filed June 23, 1937. Serial No. 394,397. PUBLISHED OCTOBER 26, 1937. Class 6.

353,511. HOSIERY. LABOMAN, GRAY COMPANY, Croydon, Pa.
Filed June 25, 1937. Serial No. 394,492. PUBLISHED OCTOBER 26, 1937. Class 39.

353,512. WHEAT FLOUR. LYNCHBURG MILLING COMPANY, Lynchburg, Va.
Filed June 26, 1937. Serial No. 394,543. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,513. WINES. ROMA WINE COMPANY, INC., Lodi, Calif.
Filed June 26, 1937. Serial No. 394,555. PUBLISHED NOVEMBER 2, 1937. Class 47.

353,514. SILVER PLATED FLATWARE. SALES STIMULATORS, Chicago, Ill.
Filed June 28, 1937. Serial No. 394,636. PUBLISHED OCTOBER 12, 1937. Class 28.

353,515. PERIODICAL. THOMAS PUBLISHING COMPANY, New York, N. Y.
Filed June 28, 1937. Serial No. 394,645. PUBLISHED NOVEMBER 2, 1937. Class 38.

353,516. COMPOUND TO REGULATE THE URINE. MARY P. MOSBY, Brooklyn, N. Y.
Filed June 29, 1937. Serial No. 394,676. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,517. ARTIFICIAL TEXTILE FIBRES. COMMERCIALE ITALIANA SOCIETÀ ANONIMA PER IL RAYON CISA-RAYON, Rome, Italy.
Filed June 30, 1937. Serial No. 394,697. PUBLISHED NOVEMBER 2, 1937. Class 1.

353,518. MEN'S, BOYS', AND CHILDREN'S SUITS, OVERCOATS, RAINCOATS, TOPCOATS, PANTS, KNICKERS, SLACKS, VESTS, ETC. BROWNING KING & CO. OF NEW YORK, INC., Brooklyn and New York, N. Y.
Filed July 1, 1937. Serial No. 394,742. PUBLISHED OCTOBER 26, 1937. Class 39.

353,519. MEN'S, BOYS', AND CHILDRENS' SUITS, OVERCOATS, RAINCOATS, TOPCOATS, PANTS, KNICKERS, SLACKS, VESTS, ETC. BROWNING KING & CO. OF NEW YORK, INC., Brooklyn and New York, N. Y.
Filed July 1, 1937. Serial No. 394,743. PUBLISHED OCTOBER 26, 1937. Class 39.

353,520. WOMEN'S, MEN'S, AND CHILDREN'S SWEATERS. MAURICE HOLMAN, INC., Los Angeles, Calif.
Filed July 2, 1937. Serial No. 394,784. PUBLISHED NOVEMBER 2, 1937. Class 39.

353,521. AUTO TRANSFORMERS, RADIO TRANSFORMERS, IONIZING TRANSFORMERS, LUMINOUS TUBE TRANSFORMERS, ETC. JEFFERSON ELECTRIC COMPANY, Bellwood, Ill.
Filed July 2, 1937. Serial No. 394,786. PUBLISHED NOVEMBER 2, 1937. Class 21.

353,522. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, FACE CREAMS, LOTIONS FOR THE SKIN AND HAIR, AND SHAMPOOS. FABERGÉ INC., New York, N. Y.
Filed July 3, 1937. Serial No. 394,832. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,523. MOTION PICTURE FILMS, SOUND FILMS, COMBINED SOUND AND MOTION PICTURE FILMS, FILM MAGAZINES, ETC. SOUND MASTERS, INC., New York, N. Y.
Filed July 3, 1937. Serial No. 394,883. PUBLISHED NOVEMBER 2, 1937. Class 26.

353,524. TRAILERS. PALACE TRAVEL COACH CORPORATION, Flint, Mich.
Filed July 6, 1937. Serial No. 394,906. PUBLISHED NOVEMBER 2, 1937. Class 19.

353,525. DIAPHRAGMS FOR FUEL PUMPS ON AEROPLANES, AUTOMOBILES, AND ALL GASOLINE PROPELLED MOTORS. CHEFFORD MASTER MANUFACTURING CO., Fairfield, Ill.
Filed July 9, 1937. Serial No. 395,017. PUBLISHED NOVEMBER 2, 1937. Class 23.

353,526. DAILY NEWSPAPER. HILDRETH & ROGERS CO., Lawrence, Mass.
Filed July 10, 1937. Serial No. 395,068. PUBLISHED NOVEMBER 2, 1937. Class 38.

353,527. LAMINATED WRAPPING PAPER. MENASHA PRODUCTS COMPANY, Menasha, Wis.
Filed July 10, 1937. Serial No. 395,074. PUBLISHED NOVEMBER 2, 1937. Class 37.

353,528. MONTHLY PERIODICAL WHEREIN ARE COLLECTED SELECTED ADVERTISEMENTS. CLASSIFIED ADVERTISING COPY SERVICE, Seattle, Wash.
Filed July 12, 1937. Serial No. 395,124. PUBLISHED OCTOBER 26, 1937. Class 38.

353,529. SNAKE TOXINE IN LIQUID AND UNGUENT FORM FOR INJECTIONS AND LINIMENTS TO BE USED AS A GENERAL ANALGETICUM AND IN THE TREATMENT OF DISEASES OF THE TISSUES, NEUROTIC AND INFLAMMATORY DISEASES AND AFFECTIONS OF THE NOSE. OSTERREICHISCHE SERUM-GESELLSCHAFT M. B. H., Vienna, Austria.
Filed July 12, 1937. Serial No. 395,179. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,530. CHEMICAL SUPPLIES FOR PHOTO-ENGRAVING. VARNISH PRODUCTS COMPANY, Cleveland, Ohio.
Filed July 14, 1937. Serial No. 395,210. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,531. MEN'S JEWELRY FOR PERSONAL WEAR NOT INCLUDING WATCHES. IRVING BRANDT & CO., Chicago, Ill.
Filed July 15, 1937. Serial No. 395,214. PUBLISHED OCTOBER 12, 1937. Class 28.

353,532. MEDICINAL COMPOUNDS OF HERBS, ROOTS, AND PLANTS USEFUL IN THE TREATMENT OF BRONCHITIS, OF BRONCHIAL ASTHMA, ETC. MAX WOLFF, East Elmhurst, Long Island, N. Y.
Filed July 15, 1937. Serial No. 395,251. PUBLISHED OCTOBER 26, 1937. Class 6.

353,533. ANNUAL PUBLICATION RELATING TO PERIODICALS. ADVERTISING PUBLICATIONS, INCORPORATED, Chicago, Ill., and New York, N. Y.
Filed July 16, 1937. Serial No. 395,255. PUBLISHED NOVEMBER 2, 1937. Class 38.

353,534. PREPARATION FOR REMOVAL OF DANDRUFF, HAIR TONIC, PREPARATION FOR RELIEVING ITCHING OF SCALP, PREPARATION FOR PREVENTION OF FALLING HAIR, PREPARATION FOR ADDING LUSTRE TO HAIR. SPIROS COCHICOS, New York, N. Y.
Filed July 16, 1937. Serial No. 395,285. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,535. CARBOLIC ACID, OXALIC ACID, SALICYLIC ACID, BORIC ACID, SULPHUR, BORAX, EPSOM SALT, SODIUM FLUORIDE, ETC. ELJAY CORPORATION, doing business as Certifine Products Co., Chicago, Ill.
Filed July 16, 1937. Serial No. 395,288. PUBLISHED OCTOBER 26, 1937. Class 6.

353,536. ACTIVE CHEMICAL INGREDIENT USED IN INSECTICIDES HAVING INSECTICIDAL PROPERTIES ITSELF AND THE CAPACITY OF INCREASING THE INSECTICIDAL EFFICIENCY OF OTHER COMPOUNDS WHEN ADDED TO THEM. HERCULES POWDER COMPANY, Wilmington, Del.
Filed July 16, 1937. Serial No. 395,293. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,537. AUTOMOBILE AND FURNITURE POLISH. CHARLES ATWOOD STIMMEL, doing business as Mirrorwax Co., Danvers, Mass.
Filed July 17, 1937. Serial No. 395,376. PUBLISHED NOVEMBER 2, 1937. Class 16.

353,538. NOODLES, SPAGHETTI, MACARONI, AND FANCY SHORT CUTS, THE LATTER BEING ALPHABETS AND OTHER SMALL DESIGNS ALL OF WHICH ARE SOLD AS NOODLES. BLUE RIBBON NOODLE COMPANY, INC., Wilkes-Barre, Pa.
Filed July 19, 1937. Serial No. 395,396. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,539. FOOTBALLS, BASKETBALLS, RUGBY BALLS, SOCCER BALLS, MEDICINE BALLS, WATER POLO BALLS, AND BLADDERS, AND LACES THEREFOR. RICARDO BONANI E HIJOS, Bell Ville, Cordoba, Argentina.
Filed July 19, 1937. Serial No. 395,397. PUBLISHED NOVEMBER 2, 1937. Class 22.

353,540. NERVE TONIC. VIVER CHEMICAL COMPANY, Carthage, N. Y.
Filed July 19, 1937. Serial No. 395,437. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,541. LUBRICATING OILS AND GREASES. THE AMERICAN OIL COMPANY, Baltimore, Md.
Filed July 21, 1937. Serial No. 395,466. PUBLISHED NOVEMBER 2, 1937. Class 15.

353,542. SCHOOL TABLETS, PADS, BLANK BOOKS, LOOSE LEAF FILLERS, NOTE BOOKS, NOTE BOOK COVERS, AND CORRESPONDENCE AND TYPEWRITER PAPER AND ENVELOPES. BIRMINGHAM PAPER CO., Birmingham, Ala.
Filed July 22, 1937. Serial No. 395,514. PUBLISHED NOVEMBER 2, 1937. Class 37.

353,543. FINGER RINGS, PINS, BRACELETS, VANITY CASES, CIGARETTE CASES, AND BUCKLES, ALL OF WHICH ARE MADE OF PRECIOUS METALS. DANIEL F. EBBERT, Wheeling, W. Va.
Filed July 23, 1937. Serial No. 395,570. PUBLISHED OCTOBER 12, 1937. Class 28.

353,544. COSMETICS, PARTICULARLY FOR PERFUMES. MARTON FRERES, INC., New York, N. Y.
Filed July 23, 1937. Serial No. 395,573. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,545. BALMS FOR TREATMENT OF HEAD COLDS, LINIMENT, NOSE AND THROAT DROPS, EMULSION FOR TREATMENT OF COLDS AND FOR USE AS A GENERAL TONIC, ANTISEPTIC FOR CUTS, BRUISES, BITES, ETC., HEALING OIL, AND LAXATIVE PREPARATION. THE HOWELL COMPANY, INC., New Orleans, La.
Filed July 23, 1937. Serial No. 395,578. PUBLISHED OCTOBER 26, 1937. Class 6.

353,546. DAILY NEWSPAPER. NEWS PRINTING COMPANY, Goshen, Ind.
Filed July 23, 1937. Serial No. 395,589. PUBLISHED OCTOBER 26, 1937. Class 38.

353,547. PERFUME, VANISHING CREAM, BLEACHING CREAM, HAIR DRESSING, FACE POWDER, AND INCENSE. ABBÉ WALLACE COSMETICS, INC., Atlanta, Ga.
Filed July 24, 1937. Serial No. 395,603. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,548. PHOTOGRAPHS. ROBERT B. WHEELAN, doing business as Wheelan Studios, New York, N. Y.
Filed July 24, 1937. Serial No. 395,634. PUBLISHED NOVEMBER 2, 1937. Class 38.

353,549. MODIFIED EGG ALBUMEN FOR FOOD PURPOSES. COMMERCIAL CREAMERY COMPANY, INC., Spokane, Wash.
Filed July 26, 1937. Serial No. 395,637. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,550. PHOTOGRAPHIC PRINTS. GLOBE PHOTO, INC., Greenville, S. C.
Filed July 27, 1937. Serial No. 395,664. PUBLISHED NOVEMBER 2, 1937. Class 38.

353,551. PERFUME. HARRIET HUBBARD AYER, INC., New York, N. Y.
Filed July 28, 1937. Serial No. 395,695. PUBLISHED OCTOBER 26, 1937. Class 6.

353,552. NECKLACES AND BRACELETS, FINGER RINGS, EARRINGS, JEWELRY CLIPS, BROOCHES, LOCKETS, ETC. COHN & ROSENBERGER, INC., New York, N. Y.
Filed July 28, 1937. Serial No. 395,700. PUBLISHED OCTOBER 12, 1937. Class 28.

353,553. PANCREATIC EXTRACT FREED OF INSULIN AND OTHER PROTEINS. SHARP & DOHME, INCORPORATED, Philadelphia, Pa.
Filed July 28, 1937. Serial No. 395,723. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,554. DYE FOR OILS. STANDARD OIL DEVELOPMENT COMPANY, Linden, N. J.
Filed July 30, 1937. Serial No. 395,843. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,555. MEN'S AND BOYS' OUTER SHIRTS AND PAJAMAS. WINTON SHIRT CORPORATION, Elizabeth, N. J.
Filed July 30, 1937. Serial No. 395,851. PUBLISHED OCTOBER 26, 1937. Class 39.

353,556. NONSLIP COMPOSITION FOR PULLEYS. MANHATTAN LUBRICANTS CO., INC., Brooklyn, N. Y.
Filed July 31, 1937. Serial No. 395,872. PUBLISHED NOVEMBER 2, 1937. Class 5.

353,557. DEODORANT. WALGREEN CO., doing business as Carrel, Chicago, Chicago, Ill.
Filed July 31, 1937. Serial No. 395,889. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,558. CHECK-VALVES, FLOAT-VALVES, GATE-VALVES, RELIEF VALVES, RELEASE VALVES, HOSE-COUPLINGS, PACKING-GLANDS, PIPE-SLIPS, WATER SOFTENING APPARATUS OF THE "TRAP" TYPE, AND PIPE COUPLINGS. AMERICAN IRON & MACHINE WORKS COMPANY, Oklahoma City, Okla.
Filed August 2, 1937. Serial No. 395,893. PUBLISHED NOVEMBER 2, 1937. Class 13.

353,559. WINES. L. J. CALLANAN & CO., INC., New York, N. Y.
Filed August 2, 1937. Serial No. 395,898. PUBLISHED NOVEMBER 2, 1937. Class 47.

353,560. COMPOSITE SHEET WEATHERPROOFING MATERIAL—NAMELY, SIDING, ROOFING, AND OTHER BUILDING LININGS. CHASE BRASS & COPPER CO. INCORPORATED, Waterbury, Conn.
Filed August 2, 1937. Serial No. 395,900. PUBLISHED OCTOBER 26, 1937. Class 12.

353,561. GOUT AND RHEUMATIC MEDICINE. FRANK J. HEILMANN, doing business as Heilmann's, Los Angeles, Calif.
Filed August 2, 1937. Serial No. 395,916. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,562. LAXATIVE PREPARATION. FRANK J. HEILMANN, doing business as Heilmann's, Los Angeles, Calif.
Filed August 2, 1937. Serial No. 395,917. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,563. LOCAL ANESTHETIC MATERIAL MADE IN SOLUTION, POWDERED, OR TABLET FORMS. NOVOCOL CHEMICAL MFG. CO., INC., Brooklyn, N. Y.
Filed August 3, 1937. Serial No. 395,950. PUBLISHED OCTOBER 26, 1937. Class 6.

353,564. LOCAL ANESTHETIC MATERIAL MADE IN SOLUTION, POWDERED, OR TABLET FORMS. NOVOCOL CHEMICAL MFG. CO., INC., Brooklyn, N. Y.
Filed August 3, 1937. Serial No. 395,951. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,565. MATERIAL FOR USE AS A SURFACE ANESTHETIC, BY COMBINING THE SAME WITH THYMOL AND BENZOCAINE. SUCH MATERIAL BEING IN PASTE OR POWDERED FORMS. NOVOCOL CHEMICAL MFG. CO., INC., Brooklyn, N. Y.
Filed August 3, 1937. Serial No. 395,952. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,566. PREPARED ALUMINUM POWDERS AND PASTES, AND A LIQUID VEHICLE ADAPTED TO BE MIXED THEREWITH TO PROVIDE A MATERIAL FOR USE AS A PAINT PROTECTIVE COATING, AND HEAT REFLECTING MEDIUM. THE PARAFFINE COMPANIES, INC., San Francisco, Calif.
Filed August 3, 1937. Serial No. 395,954. PUBLISHED NOVEMBER 2, 1937. Class 16.

353,567. RENNET. CHR. HANSEN'S LABORATORY, INC., Little Falls, N. Y.
Filed August 4, 1937. Serial No. 395,992. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,568. MEDICINAL COMPOUNDS, MORE PARTICULARLY BILE SALTS TABLETS, FERROUS SULFATE TABLETS, HEMATINIC CAPSULES, AND COD LIVER OIL CONCENTRATE TABLETS. THE MALTINE COMPANY, New York, N. Y.
Filed August 4, 1937. Serial No. 395,999. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,569. BASE METAL TABLE AND COOKING HOLLOWWARE. THE ALUMINUM COOKING UTENSIL COMPANY, New Kensington, Pa.
Filed August 5, 1937. Serial No. 396,020. PUBLISHED NOVEMBER 2, 1937. Class 13.

353,570. RAW HIDES. GARDEN STATE TANNING CO., New York, N. Y.
Filed August 5, 1937. Serial No. 396,034. PUBLISHED NOVEMBER 2, 1937. Class 1.

353,571. DISTILLERS DRIED GRAINS FOR USE AS A CATTLE FEED. SCHENLEY PRODUCTS COMPANY, New York, N. Y.
Filed August 5, 1937. Serial No. 396,045. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,572. DISTILLERS DRIED GRAINS FOR USE AS A CATTLE FEED. SCHENLEY PRODUCTS COMPANY, New York, N. Y.
Filed August 5, 1937. Serial No. 396,046. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,573. SKIN LOTIONS. JAYMAR'S INC., Denver, Colo.
Filed August 3, 1937. Serial No. 396,056. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,574. LADIES' FUR COATS, FUR JACKETS, FUR SCARFS, FUR CAPES, AND FUR MUFFS, AND LADIES' COATS, SUITS, AND DRESSES. SONNENFELD MILLINERY COMPANY, St. Louis, Mo.
Filed August 6, 1937. Serial No. 396,087. PUBLISHED OCTOBER 26, 1937. Class 39.

353,575. PREPARATION FOR THE TREATMENT OF NEOPLASMS. BEAUMONT S. CORNELL, Fort Wayne, Ind.
Filed August 7, 1937. Serial No. 396,119. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,576. HOT WATER HEATERS FOR AUTOMOBILES. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio.
Filed August 7, 1937. Serial No. 396,130. PUBLISHED NOVEMBER 2, 1937. Class 19.

353,577. SKIM MILK POWDER USED AS AN INGREDIENT OF FOODS INTENDED PRIMARILY FOR HUMAN CONSUMPTION. SHEFFIELD CONDENSED MILK CO., INC., New York, N. Y.
Filed August 7, 1937. Serial No. 396,169. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,578. LUBRICATING OILS. UNION OIL COMPANY OF CALIFORNIA, Los Angeles, Calif.
Filed August 7, 1937. Serial No. 396,173. PUBLISHED OCTOBER 19, 1937. Class 15.

353,579. STERLING SILVER FLATWARE, HOLLOWWARE, GOLD AND SILVER PLATED WARE—NAMELY, CAKE BASKETS, CAKE TRAYS, RELISH DISHES, ETC. THE WEIDLICH BROS. MFG. CO., Bridgeport, Conn.
Filed August 7, 1937. Serial No. 396,174. PUBLISHED OCTOBER 19, 1937. Class 28.

353,580. LADIES' BLOUSES, PAJAMAS, PETTICOATS, PANTIES, AND SLIPS. LEON JAY BYRON CO., INC., New York, N. Y.
Filed August 9, 1937. Serial No. 396,179. PUBLISHED NOVEMBER 2, 1937. Class 39.

353,581. MEDICINAL PREPARATIONS FOR ALLERGIC DISEASES. WALTER NEUMANN, New York, N. Y.
Filed August 9, 1937. Serial No. 396,198. PUBLISHED OCTOBER 26, 1937. Class 6.

353,582. CHILDREN'S PLAY GARMENTS—NAMELY, "PLAYALLS", PLAYSUITS, "COVERALLS", AND SHORTS. NORTHERN JOBBING COMPANY, St. Paul, Minn.
Filed August 9, 1937. Serial No. 396,200. PUBLISHED OCTOBER 26, 1937. Class 39.

353,583. HOSIERY. O'CONNOR & GOLDBERG, Chicago, Ill.
Filed August 9, 1937. Serial No. 396,201. PUBLISHED OCTOBER 26, 1937. Class 39.

353,584. LIQUID ANTISEPTIC TISSUE. LEONARD H. COOPER, doing business as The Kovam Co., New York, N. Y.
Filed August 10, 1937. Serial No. 396,225. PUBLISHED OCTOBER 26, 1937. Class 6.

353,585. SECTION OF A MONTHLY PUBLICATION. F. W. DODGE CORPORATION, New York, N. Y.
Filed August 10, 1937. Serial No. 396,226. PUBLISHED NOVEMBER 2, 1937. Class 38.

353,586. FINGER RING WITH HANDKERCHIEF ATTACHED, THE RING BEING MADE OF PRECIOUS METAL. DAVID E. SCHWAB & COMPANY, New York, N. Y.
Filed August 10, 1937. Serial No. 396,241. PUBLISHED OCTOBER 19, 1937. Class 28.

353,587. PHOTOGRAPHIC FILM FOR STILL PICTURES, SOUND RECORDING FILM, EXPOSURE GUIDES, MOUNTS FOR TRANSPARENCIES AND LANTERN SLIDES, AND COVER GLASSES FOR USE IN MAKING LANTERN SLIDES. EASTMAN KODAK COMPANY, Jersey City, N. J., and Rochester, N. Y.
Filed August 11, 1937. Serial No. 396,264. PUBLISHED NOVEMBER 2, 1937. Class 26.

353,588. PHARMACEUTICAL PREPARATION IN TABLET FORM, HAVING ANALGESIC, ANTIPYRETIC, AND SEDATIVE PROPERTIES. CHARLES C. HASKELL & CO., INC., Richmond, Va.
Filed August 11, 1937. Serial No. 396,267. PUBLISHED OCTOBER 26, 1937. Class 6.

353,589. BILE TABLETS FOR THE PURPOSE OF AROUSING INTESTINAL ACTIVITY AND RELIEVING CONSTIPATION. C. F. VAN DAM, Los Angeles, Calif.
Filed August 11, 1937. Serial No. 396,286. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,590. SCOTCH WHISKEY. BERRY BROS. & CO., London, England.
Filed August 12, 1937. Serial No. 396,296. PUBLISHED NOVEMBER 2, 1937. Class 49.

353,591. MEDICINAL PREPARATION FOR THE TREATMENT OF PILES AND HEMORRHOIDS. JOSEPH DI MAURO, Ansonia, Conn.
Filed August 12, 1937. Serial No. 396,301. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,592. VITAMIN CONTAINING MATERIALS, PARTICULARLY VIOSTEROL. GENERAL MILLS, INC., Minneapolis, Minn.
Filed August 12, 1937. Serial No. 396,306. PUBLISHED OCTOBER 26, 1937. Class 6.

353,593. TOILET TISSUE. LEONARD TISSUE COMPANY, Cambridge, Mass.
Filed August 12, 1937. Serial No. 396,318. PUBLISHED NOVEMBER 2, 1937. Class 37.

353,594. SILVERWARE—NAMELY, HOLLOW-WARE AND FLAT-WARE, GOLD AND SILVER PLATED WARE—NAMELY, CAKE BASKETS, CAKE TRAYS, RELISH DISHES, ETC. WEIDLICH STERLING SPOON CO., Bridgeport, Conn.
Filed August 12, 1937. Serial No. 396,330. PUBLISHED OCTOBER 19, 1937. Class 28.

353,595. COUGH MIXTURE FOR CHILDREN, COUGH MIXTURE FOR ADULTS, AND LINIMENTS. NATHAN BARON, Jamaica, N. Y.
Filed August 13, 1937. Serial No. 396,347. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,596. COLLOIDAL CREAM OF ALUMINUM HYDROXIDE FOR THE TREATMENT OF PEPTIC ULCER, TO BE TAKEN INTERNALLY. CLEVELAND CHEMICAL ASSOCIATES, INCORPORATED, Cleveland, Ohio.
Filed August 13, 1937. Serial No. 396,351. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,597. EMULSION OF CREOSOTE CARBONATE FOR THE RELIEF OF FEVER, PAIN, AND THE LIKE, CAUSED BY COUGHS, COLDS, AND FLU. WILLIAM E. GUFFEY, Wichita Falls, Tex.
Filed August 13, 1937. Serial No. 396,363. PUBLISHED OCTOBER 26, 1937. Class 6.

353,598. WINES. SUNNY HILL WINERIES, INC., Chicago, Ill.
Filed August 13, 1937. Serial No. 396,373. PUBLISHED NOVEMBER 2, 1937. Class 47.

353,599. WOODEN HANDLES FOR AXES, HATCHETS, AND SIMILAR IMPLEMENTS. TURNER, DAY & WOOLWORTH HANDLE COMPANY, Louisville, Ky.
Filed August 13, 1937. Serial No. 396,374. PUBLISHED NOVEMBER 2, 1937. Class 23.

353,600. BLOUSES AND WOMEN'S AND CHILDREN'S DRESSES. LUDWIG E. GOETZ, New York, N. Y.
Filed August 14, 1937. Serial No. 396,398. PUBLISHED NOVEMBER 2, 1937. Class 39.

353,601. FURNITURE CASTORS, NAILS, TACKS, AND HARDWARE FOR CURTAIN RODS, DRAPERY, AND VENETIAN BLINDS. KRISCHER TRADING CORPORATION, Brooklyn, N. Y.
Filed August 14, 1937. Serial No. 396,411. PUBLISHED NOVEMBER 2, 1937. Class 13.

353,602. TONIC, EXPECTORANT, DIURETIC, AND SEDATIVE, AS WELL AS A DIGESTIVE STIMULANT. JOHN H. OTT, JR., doing business as John H. Ott, Jr. Chemical Co., Miami, Fla.
Filed August 14, 1937. Serial No. 396,420. PUBLISHED OCTOBER 26, 1937. Class 6.

353,603. ORGANIC MERCURIAL ANTISEPTIC. THE NORWICH PHARMACAL COMPANY, Norwich, N. Y.
Filed August 14, 1937. Serial No. 396,421. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,604. ELECTRIC TRANSFORMERS. WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, East Pittsburgh, Pa.
Filed August 14, 1937. Serial No. 396,429. PUBLISHED NOVEMBER 2, 1937. Class 21.

353,605. SOLID WHITE PAPER TAGBOARD. BROWNVILLE BOARD COMPANY, Brownville, N. Y.
Filed August 16, 1937. Serial No. 396,444. PUBLISHED NOVEMBER 2, 1937. Class 37.

353,606. KINDLING BLOCKS. EZ-FIRE COMPANY, Ludowici, Ga.
Filed August 16, 1937. Serial No. 396,457. PUBLISHED NOVEMBER 2, 1937. Class 1.

353,607. PIPES. KAUFMANN BROS. & BONDY, INC., West New York, N. J.
Filed August 16, 1937. Serial No. 396,463. PUBLISHED NOVEMBER 2, 1937. Class 8.

353,608. SALAD DRESSING, MAYONNAISE, SANDWICH SPREAD, SALAD SPREAD, RELISH SPREAD, FRENCH DRESSING, THOUSAND ISLAND DRESSING, TARTAR SAUCE, RUSSIAN DRESSING, BARBECUE SAUCE, AND MEAT SAUCE. TANDY W. PLATT, doing business as T. W. Platt, Chicago, Ill.
Filed August 16, 1937. Serial No. 396,471. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,609. MOUTH DEODORANT. PAUL ROSEN, doing business as Rid Company, New York, N. Y.
Filed August 16, 1937. Serial No. 396,478. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,610. RAYON PIECE GOODS. ARNOLD SALES CORPORATION, New York, N. Y.
Filed August 17, 1937. Serial No. 396,483. PUBLISHED NOVEMBER 2, 1937. Class 42.

353,611. PAPER PRINTED TALLY BOARDS AND CARDS USED IN THE PLAY OF AN AMUSEMENT GAME. SEBASTIAN J. KREMER, Cleveland, Ohio.
Filed August 17, 1937. Serial No. 396,496. PUBLISHED NOVEMBER 2, 1937. Class 37.

353,612. GAME OF CHANCE USING NUMBERED BOARDS HAVING ATTACHED MOVABLE MARKERS. SEBASTIAN J. KREMER, Cleveland, Ohio.
Filed August 17, 1937. Serial No. 396,497. PUBLISHED NOVEMBER 2, 1937. Class 22.

353,613. DRYING OILS FOR PRINTING INKS. WOBURN DEGREASING COMPANY OF NEW JERSEY, Kearny, N. J.
Filed August 17, 1937. Serial No. 396,525. PUBLISHED NOVEMBER 2, 1937. Class 11.

353,614. PREPARATION FOR USE IN THE GRAFTING AND DRESSING OF TREES AND PLANTS. EVER-PLASTICS CORPORATION, New York, N. Y.
Filed August 18, 1937. Serial No. 396,532. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,615. READY MIXED PAINTS. ACME WHITE LEAD AND COLOR WORKS, Detroit, Mich.
Filed August 19, 1937. Serial No. 396,554. PUBLISHED NOVEMBER 2, 1937. Class 16.

353,616. FRESH LETTUCE, FRESH APPLES, AND PEAS, POTATOES, AND ONIONS IN THEIR NATURAL STATE, AND FRESH PRUNES. IDAHO FRUIT & PRODUCE COMPANY, Parma and Apple Valley, Idaho.
Filed August 19, 1937. Serial No. 396,569. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,617. PERIODICAL PUBLICATION GENERALLY IN NEWSPAPER FORM. LAS VEGAS POST NO 8, THE AMERICAN LEGION, DEPARTMENT OF NEVADA, Las Vegas, Nev.
Filed August 19, 1937. Serial No. 396,570. PUBLISHED NOVEMBER 2, 1937. Class 38.

353,618. LUBRICATING OILS AND GREASES AND EXTREME PRESSURE OILS. HENRY HOWARD SESSIONS, Los Angeles, Calif.
Filed August 19, 1937. Serial No. 396,583. PUBLISHED OCTOBER 26, 1937. Class 15.

353,619. ELECTRIC WATER SUPPLY HEATERS. BASTIAN-MORLEY CO. INC., La Porte, Ind.
Filed August 20, 1937. Serial No. 396,591. PUBLISHED NOVEMBER 2, 1937. Class 21.

353,620. QUENCHING OIL. CITIES SERVICE OIL COMPANY, Bartlesville, Okla.
Filed August 20, 1937. Serial No. 396,593. PUBLISHED NOVEMBER 2, 1937. Class 15.

353,621. JOURNAL AND HEAVY DUTY OIL. CITIES SERVICE OIL COMPANY, Bartlesville, Okla.
Filed August 20, 1937. Serial No. 396,594. PUBLISHED NOVEMBER 2, 1937. Class 15.

353,622. PERIODICAL PUBLICATION. EXPORT MANUAL PUBLISHING CORPORATION, New York, N. Y.
Filed August 20, 1937. Serial No. 396,601. PUBLISHED OCTOBER 26, 1937. Class 38.

353,623. BLEACHING ANTISEPTIC AND GERMICIDAL COMPOUND HAVING INCIDENTAL CLEANING PROPERTIES. NEW PRODUCTS CORPORATION, Indianapolis, Ind.
Filed August 20, 1937. Serial No. 396,609. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,624. MONTHLY MAGAZINE. SCREEN JUVENILES, INC., Los Angeles, Calif.
Filed August 20, 1937. Serial No. 396,615. PUBLISHED OCTOBER 26, 1937. Class 38.

353,625. INSECTICIDE AND MOTH-PROOFING COMPOSITION. ZONITE PRODUCTS CORPORATION, New York, N. Y.
Filed August 21, 1937. Serial No. 396,654. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,626. INSECTICIDES, FUNGICIDES, AND GERMICIDES. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif.
Filed August 23, 1937. Serial No. 396,665. PUBLISHED OCTOBER 26, 1937. Class 6.

353,627. INSECTICIDES, FUNGICIDES, AND GERMICIDES. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif.
Filed August 23, 1937. Serial No. 396,666. PUBLISHED OCTOBER 26, 1937. Class 6.

353,628. INSECTICIDES, FUNGICIDES, AND GERMICIDES. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif.
Filed August 23, 1937. Serial No. 396,668. PUBLISHED OCTOBER 26, 1937. Class 6.

353,629. HERBICIDES. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif.
Filed August 23, 1937. Serial No. 396,669. PUBLISHED OCTOBER 26, 1937. Class 6.

353,630. INSECTICIDES, FUNGICIDES, AND GERMICIDES. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif.
Filed August 23, 1937. Serial No. 396,670. PUBLISHED OCTOBER 26, 1937. Class 6.

353,631. HERBICIDES AND INSECTICIDES. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif.
Filed August 23, 1937. Serial No. 396,672. PUBLISHED OCTOBER 26, 1937. Class 6.

353,632. COFFEE. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio.
Filed August 25, 1937. Serial No. 396,741. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,633. VEHICLE WINDSHIELD WIPER BLADES. THE SLEETEX CO. INC., New York, N. Y.
Filed August 26, 1937. Serial No. 396,790. PUBLISHED NOVEMBER 2, 1937. Class 19.

353,634. PERIODICAL PUBLICATION. AUTOMOBILE DIGEST PUBLISHING CORP., Cincinnati, Ohio.
Filed August 26, 1937. Serial No. 396,797. PUBLISHED OCTOBER 26, 1937. Class 38.

353,635. PERIODICAL PUBLICATION. BRYAN DAVIS PUBLISHING COMPANY, INC., New York, N. Y.
Filed August 27, 1937. Serial No. 396,807. PUBLISHED OCTOBER 26, 1937. Class 38.

353,636. DANDRUFF REMOVING TONIC, GRAY HAIR TONIC, HAND LOTION, OLIVE OIL SHAMPOO, HAIR RINSE, AND HAIR BLEACH. NOURISHINE SALES CO., Los Angeles, Calif.
Filed August 27, 1937. Serial No. 396,829. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,637. RUBBER TIRES AND TUBES. THE PURE OIL COMPANY, Chicago, Ill.
Filed August 27, 1937. Serial No. 396,835. PUBLISHED NOVEMBER 2, 1937. Class 35.

353,638. RAZOR BLADES. SCRANTON TOBACCO COMPANY, INC., doing business as Stoco Blade Company, Scranton, Pa.
Filed August 27, 1937. Serial No. 396,837. PUBLISHED NOVEMBER 2, 1937. Class 23.

353,639. RAZOR BLADES. SCRANTON TOBACCO COMPANY, INC., doing business as Stoco Blade Company, Scranton, Pa.
Filed August 27, 1937. Serial No. 396,839. PUBLISHED NOVEMBER 2, 1937. Class 23.

353,640. GARAGE DOORS. TILT-A-DOOR CORPORATION, Highland Park, Mich.
Filed August 27, 1937. Serial No. 396,846. PUBLISHED OCTOBER 26, 1937. Class 12.

353,641. COMBINATION HOT AND COLD WATER CONTROL VALVE FOR PLUMBING FIXTURES. CHARLES G. WALL, Philadelphia, Pa.
Filed August 27, 1937. Serial No. 396,848. PUBLISHED NOVEMBER 2, 1937. Class 13.

353,642. GRANULAR PREPARATION COMPOSED ESSENTIALLY OF VEGETABLE GUMS OF THE STERCULIA GROUP, PARTICULARLY GUM KARAYA, WITH OR WITHOUT ADDED MEDICINAL COMPOUNDS, SUGARS, AND FILLERS FOR USE IN STIMULATING INTESTINAL TONE, TREATMENT OF THE DIGESTIVE TRACT, AND INTERNAL MEDICINE. WELIN-SATER COMPANY, Pasadena, Calif.
Filed August 27, 1937. Serial No. 396,855. PUBLISHED OCTOBER 26, 1937. Class 6.

353,643. GOGGLES. BACHMANN BROTHERS, INC., Philadelphia, Pa.
Filed August 28, 1937. Serial No. 396,862. PUBLISHED NOVEMBER 2, 1937. Class 26.

353,644. HOSIERY. BERKSHIRE KNITTING MILLS, Wyomissing, Pa.
Filed August 28, 1937. Serial No. 396,863. PUBLISHED NOVEMBER 2, 1937. Class 39.

353,645. HOSIERY. BERKSHIRE KNITTING MILLS, Wyomissing, Pa.
Filed August 28, 1937. Serial No. 396,866. PUBLISHED NOVEMBER 2, 1937. Class 39.

353,646. LOCAL ANAESTHETIC AND ANTISEPTIC PREPARATIONS. WALTER NEUMANN, New York, N. Y.
Filed August 28, 1937. Serial No. 396,890. PUBLISHED OCTOBER 26, 1937. Class 6.

353,647. LAXATIVE PREPARATION IN TABLET FORM. L. J. SHAW, doing business as The Pearce Company, McKeesport, Pa.
Filed August 28, 1937. Serial No. 396,903. PUBLISHED OCTOBER 26, 1937. Class 6.

353,648. FLASHLIGHTS AND FLASHLIGHT CASES. BURGESS BATTERY COMPANY, Chicago, Ill.
Filed August 30, 1937. Serial No. 396,908. PUBLISHED NOVEMBER 2, 1937. Class 21.

353,649. SOFT DRINKS. G. N. HALLIBURTON, doing business as Tropical Beverage Sales Co., Jacksonville, Fla.
Filed August 30, 1937. Serial No. 396,915. PUBLISHED NOVEMBER 2, 1937. Class 45.

353,650. SUNTAN LOTION. KILGORE DEVELOPMENT CORPORATION, Washington, D. C.
Filed August 30, 1937. Serial No. 396,922. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,651. TOY RAILROAD TRACKS. PARFAIT POWDER PUFF COMPANY, INC., Chicago, Ill.
Filed August 30, 1937. Serial No. 396,929. PUBLISHED NOVEMBER 2, 1937. Class 22.

353,652. HAIR PREPARATION. HARVEY L. HANSHEW, doing business as Twis-Yong Co., Indian, Va.
Filed August 31, 1937. Serial No. 396,956. PUBLISHED OCTOBER 26, 1937. Class 6.

353,653. CARTOON STRIPS PUBLISHED SERIALLY. SNOW CREST BEVERAGES, INC., Salem, Mass.
Filed August 31, 1937. Serial No. 396,970. PUBLISHED OCTOBER 26, 1937. Class 38.

353,654. SAFETY RAZOR BLADES. COLTON RAZOR BLADE COMPANY, Boston, Mass.
Filed September 1, 1937. Serial No. 396,979. PUBLISHED NOVEMBER 2, 1937. Class 23.

353,655. SAFETY RAZOR BLADES. COLTON RAZOR BLADE COMPANY, Boston, Mass.
Filed September 1, 1937. Serial No. 396,980. PUBLISHED NOVEMBER 2, 1937. Class 23.

353,656. ELECTRIC RANGES AND PARTS THEREOF. ELECTROMASTER, INC., Detroit, Mich.
Filed September 1, 1937. Serial No. 396,983. PUBLISHED NOVEMBER 2, 1937. Class 21.

353,657. ARTICLES OF COMMERCE COMPRISING A HOLDER, A COMPOSITE PHOTOGRAPH IN THE HOLDER, AND A MOVABLE SCREEN IN FRONT OF THE PHOTOGRAPH. GRANT PHOTO CORP., New York, N. Y.
Filed September 1, 1937. Serial No. 396,989. PUBLISHED NOVEMBER 2, 1937. Class 26.

353,658. SYNTHETIC STAPLE FIBER. TENNESSEE EASTMAN CORPORATION, Kingsport, Tenn.
Filed September 1, 1937. Serial No. 397,008. PUBLISHED NOVEMBER 2, 1937. Class 1.

353,659. RUBBERIZED FABRICS. ARCHER RUBBER COMPANY, Milford, Mass.
Filed September 2, 1937. Serial No. 397,017. PUBLISHED NOVEMBER 2, 1937. Class 50.

353,660. HUDSON SEAL FUR. ANDREW G. CLUNE, doing business as National Fur Institute, Brooklyn, N. Y.
Filed September 2, 1937. Serial No. 397,021. PUBLISHED NOVEMBER 2, 1937. Class 1.

353,661. HAIR AND SCALP CONDITIONER, ROUGE, MASCARA, NAIL POLISH, NAIL POLISH REMOVER, HAND LOTION, ETC. LOS ANGELES SOAP COMPANY, Los Angeles, Calif.
Filed September 2, 1937. Serial No. 397,034. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,662. HAIR AND SCALP CONDITIONER, FACE POWDER, ROUGE, LIP STICK, NAIL POLISH, CLEANSING CREAM, ETC. LOS ANGELES SOAP COMPANY, Los Angeles, Calif.
Filed September 2, 1937. Serial No. 397,035. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,663. MEDICINAL PREPARATION IN TABLET FORM TO AID DIGESTION. THE J. R. WATKINS COMPANY, Winona, Minn.
Filed September 2, 1937. Serial No. 397,060. PUBLISHED OCTOBER 26, 1937. Class 6.

353,664. REMEDY FOR HYPOACIDITY AND DIGESTIVE DISORDERS. THE BATTLE CREEK FOOD COMPANY, Battle Creek, Mich.
Filed September 3, 1937. Serial No. 397,065. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,665. CHEWING GUM USED TO RELIEVE ACIDOSIS. JOSEPH HENRY KARP, New York, N. Y.
Filed September 3, 1937. Serial No. 397,080. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,666. FILTERS AND WATER SOFTENERS, AND PARTICULARLY TO WATER SOFTENER DEVICES HAVING BEDS OF ZEOLITE. UNIVERSAL WATER SOFTENER CO., Maywood, Ill.
Filed September 3, 1937. Serial No. 397,092. PUBLISHED NOVEMBER 2, 1937. Class 31.

353,667. PARTLY-PREPARED AND FINISHED LEATHERS. VERSA TANNING CO., Peabody, Mass.
Filed September 3, 1937. Serial No. 397,093. PUBLISHED NOVEMBER 2, 1937. Class 1.

353,668. ODORPROOF CONTAINERS MADE OF OIL SILK. ELECTRO-COSMIC, INC., Chicago, Ill.
Filed September 4, 1937. Serial No. 397,111. PUBLISHED NOVEMBER 2, 1937. Class 2.

353,669. EDIBLE OILS. LEGHORN TRADING CO. INC., New York, N. Y.
Filed September 4, 1937. Serial No. 397,135. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,670. MEDICINAL PREPARATION CONTAINING MALT EXTRACT, VITAMINS, AND IRON USEFUL, AMONG OTHER THINGS, FOR THE TREATMENT OF MALNUTRITION. ELI LILLY AND COMPANY, Indianapolis, Ind.
Filed September 4, 1937. Serial No. 397,136. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,671. MEDICINAL PREPARATION CONTAINING A CONCENTRATED SOLUTION OF LIVER EXTRACT AND VITAMIN B, USEFUL, AMONG OTHER THINGS, FOR THE TREATMENT OF PERNICIOUS ANEMIA. ELI LILLY AND COMPANY, Indianapolis, Ind.
Filed September 4, 1937. Serial No. 397,138. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,672. TOOL STEEL. THE MIDVALE COMPANY, Philadelphia, Pa.
Filed September 4, 1937. Serial No. 397,141. PUBLISHED NOVEMBER 2, 1937. Class 14.

353,673. MEDICATED CIGARETTES FOR THE RELIEF OF ASTHMA, HAY FEVER, SINUS HEADACHE, THROAT, AND BRONCHIAL IRRITATION, AND NASAL CONGESTION. YORK DRUG CO., INC., New York, N. Y.
Filed September 4, 1937. Serial No. 397,160. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,674. ORALLY ADMINISTERED MEDICAMENTS FOR INTESTINAL TREATMENT AND PROVIDED WITH AN ENTERIC COATING IN THE FORM OF AN ENVELOPE MADE OF SYNTHETIC RESIN. ABBOTT LABORATORIES, North Chicago, Ill.
Filed September 7, 1937. Serial No. 397,164. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,675. PRODUCT FOR ORAL ADMINISTRATION IN THE TREATMENT OF ANEMIA. ABBOTT LABORATORIES, North Chicago, Ill.
Filed September 7, 1937. Serial No. 397,165. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,676. ISOTONIC AQUEOUS SOLUTION FOR RELIEVING CONGESTION OF THE MUCOUS MEMBRANE OF THE RESPIRATORY TRACT. ABBOTT LABORATORIES, North Chicago, Ill.
Filed September 7, 1937. Serial No. 397,166. PUBLISHED NOVEMBER 2, 1937. Class 6.

353,677. CANDY. SCHUTTER CANDY COMPANY, Chicago, Ill.
Filed September 7, 1937. Serial No. 397,199. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,678. DRILL STEEL. THE MIDVALE COMPANY, Philadelphia, Pa.
Filed September 8, 1937. Serial No. 397,220. PUBLISHED NOVEMBER 2, 1937. Class 14.

353,679. CANDY. BEN MYERSON, INC., Los Angeles, Calif.
Filed September 8, 1937. Serial No. 397,223. PUBLISHED NOVEMBER 2, 1937. Class 46.

353,680. LEATHER. WILLARD HELBURN, INC., Salem, Mass.
Filed September 9, 1937. Serial No. 397,250. PUBLISHED NOVEMBER 2, 1937. Class 1.

353,681. GREETING CARDS. RODNEY B. JANES, doing business as Cameo Greeting Card Company, Rochester, N. Y.
Filed September 9, 1937. Serial No. 397,252. PUBLISHED OCTOBER 26, 1937. Class 38.

353,682. LUBRICATING OIL FILTERS. WILLIAM SCHWALGE, Chicago, Ill.
Filed September 10, 1937. Serial No. 397,302. PUBLISHED NOVEMBER 2, 1937. Class 31.

353,683. PARTLY-PREPARED AND FINISHED LEATHERS. VERSA TANNING CO., Peabody, Mass.
Filed September 13, 1937. Serial No. 397,394. PUBLISHED NOVEMBER 2, 1937. Class 1.

353,684. CASTINGS MADE FROM ALUMINUM ALLOYS. DOEHLER DIE CASTING CO., New York, N. Y.
Filed September 15, 1937. Serial No. 397,435. PUBLISHED NOVEMBER 2, 1937. Class 14.

353,685. SELF-ADJUSTING WEATHERSTRIPPED WINDOW UNITS. WHITTIER LUMBER & MILLWORK CO., Newark, N. J.
Filed September 15, 1937. Serial No. 397,464. PUBLISHED NOVEMBER 2, 1937. Class 12.

353,686. GUTTERS. A. C. LONG, doing business as Long Fir Gutter Company, Cadiz, Ohio.
Filed September 16, 1937. Serial No. 397,476. PUBLISHED NOVEMBER 2, 1937. Class 12.

353,687. PLASTIC COMPOUNDS FOR SETTING GLASS, CERAMIC, METAL, AND COMPOSITION TILES AND GLASS BRICK. EVER-PLASTICS CORPORATION, New York, N. Y.
Filed September 17, 1937. Serial No. 397,505. PUBLISHED NOVEMBER 2, 1937. Class 12.

353,688. AUTOMOBILES AND STRUCTURAL PARTS THEREOF AND CHASSIS THEREFOR, AND MOTOR ROAD BODIES AND PARTS THEREOF. AMERICAN BANTAM CAR COMPANY, Butler, Pa.
Filed September 20, 1937. Serial No. 397,563. PUBLISHED OCTOBER 26, 1937. Class 19.

353,689. AUTOMOBILES AND STRUCTURAL PARTS THEREOF AND CHASSIS THEREFOR, AND MOTOR ROAD BODIES AND PARTS THEREOF. AMERICAN BANTAM CAR COMPANY, Butler, Pa.
Filed September 20, 1937. Serial No. 397,564. PUBLISHED OCTOBER 26, 1937. Class 19.

353,690. PAINT ENAMEL. THE WESTERN AUTO SUPPLY COMPANY, doing business as Western Auto Stores, Kansas City, Mo.
Filed September 17, 1937. Serial No. 397,596. PUBLISHED NOVEMBER 2, 1937. Class 16.

353,691. ASYMMETRICAL PISTOL HAMMERS. DEAN W. KING, doing business as King Gun Sight Co., San Francisco, Calif.
Filed September 22, 1937. Serial No. 397,668. PUBLISHED NOVEMBER 2, 1937. Class 9.

353,692. TOOTH BRUSHES. S. H. KRESS AND COMPANY, New York, N. Y.
Filed September 22, 1937. Serial No. 397,671. PUBLISHED NOVEMBER 2, 1937. Class 29.

353,693. WHISKY. PACIFIC WINE AND SPIRITS COMPANY, San Francisco, Calif.
Filed September 22, 1937. Serial No. 397,677. PUBLISHED NOVEMBER 2, 1937. Class 49.

353,694. GAME BOARD PLAYED WITH MOVABLE PIECES AND EDUCATIONAL CHARTS. AUTOBRIDGE, INC., New York, N. Y.
Filed September 27, 1937. Serial No. 397,833. PUBLISHED NOVEMBER 2, 1937. Class 22.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

353,695. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JOHN C. BENSON, doing business as Procto-Products Company, Flint, Mich. Filed Oct. 11, 1934. Serial No. 356,988.

ANO

For Rectal Suppositories.
Claims use since Mar. 15, 1934.

353,696. (CLASS 39. CLOTHING.) BERNIE HUTNER, New York, N. Y. Filed Aug. 15, 1936. Serial No. 382,222.

RIGA SEAL
DYED CONEY

For Fur Coats.
Claims use since June 1, 1936.

353,697. (CLASS 39. CLOTHING.) MORRIS SHOE CO. INC., New York, N. Y. Filed Aug. 17, 1936. Serial No. 382,272.

The NORMANDIE
OPERA PUMP

For Shoes—Namely, Opera Pumps of Leather or Fabric, or of Combinations of These Materials.
Claims use since July 22, 1936.

353,698. (CLASS 39. CLOTHING.) LOUIS GOLDSMITH, INC., Philadelphia, Pa. Filed Oct. 9, 1936. Serial No. 384,156.

Miami Togs

For Men's and Boys' Suits.
Claims use since Sept. 28, 1936.

353,699. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE GRIFFITH LABORATORIES, INC., Chicago, Ill. Filed Oct. 30, 1936. Serial No. 384,961.

Stak Tendr

For a Liquid Preparation of Papaya Juice Used to Make Meat Tender.
Claims use since Sept. 22, 1936.

353,700. (CLASS 39. CLOTHING.) PHILLIPS-JONES CORPORATION, New York, N. Y. Filed Nov. 14, 1936. Serial No. 385,537.

Demes

For Men's and Boys' Combination Sport and Negligee Shirts.
Claims use since Oct. 30, 1936.

353,701. (CLASS 39. CLOTHING.) CONDOR PRODUCTS, INC., Buffalo, N. Y. Filed Nov. 21, 1936. Serial No. 385,830.

Sport-Back

For Suspenders.
Claims use since Oct. 16, 1936.

353,702. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill. Filed Dec. 5, 1936. Serial No. 386,356.

"TRU-BALANCE"

For Billiard Cues.
Claims use since Oct. 15, 1936.

353,703. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE AMERICAN AGRICULTURAL CHEMICAL COMPANY, New York, N. Y. Filed Dec. 14, 1936. Serial No. 386,713.

CRYSTAL PHOSPHATE

For Mono Calcium Phosphate.
Claims use since Sept. 10, 1936.

353,704. (CLASS 39. CLOTHING.) ALEXANDER GEIST, New York, N. Y. Filed Jan. 21, 1937. Serial No. 387,999.

Grace Kenley

For Women's and Misses' Blouses and Dresses.
Claims use since Nov. 2, 1936.

353,705. (CLASS 39. CLOTHING.) LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y. Filed Jan. 27, 1937. Serial No. 388,237.

Olde English

For Men's and Boys' Suits.
Claims use since Sept. 21, 1936.

353,706. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GENERAL BY-PRODUCTS CO., doing business as Glacier Bay Oyster Co., South Bend and Seattle, Wash. Filed Feb. 3, 1937. Serial No. 388,498.

SEA-HOLD

For Fresh Oysters.
Claims use since Oct. 7, 1936.

353,707. (CLASS 39. CLOTHING.) HICKOK MANUFACTURING COMPANY, INC., Rochester, N. Y. Filed Feb. 15, 1937. Serial No. 388,935.

Windsor
HICKOK

For Braces, Belts, and Garters for Personal Wear.
Claims use since Oct. 7, 1936.

353,708. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PETER S. MIRAVALLE, doing business as Peter S. Miravalle Co., St. Louis, Mo. Filed Mar. 4, 1937. Serial No. 389,057.

BRU-RICE

For Rice.
Claims use since Nov. 30, 1936.

353,709. (CLASS 39. CLOTHING.) THE H. A. SHINSHEIMER COMPANY, Cincinnati, Ohio. Filed Mar. 13, 1937. Serial No. 390,029.

Yearabout

For Men's and Young Men's Overcoats and Topcoats.
Claims use since October, 1936.

353,710. (CLASS 15. OILS AND GREASES.) MUENCH-KREUZER CANDLE CO., INC., Syracuse, N. Y. Filed May 12, 1937. Serial No. 392,648.

FUNERALITE

For Candles.
Claims use since Apr. 15, 1927.

353,711. (CLASS 12. CONSTRUCTION MATERIALS.) MINNESOTA MINING & MANUFACTURING COMPANY, St. Paul, Minn. Filed July 26, 1937. Serial No. 395,647.

COLORQUARTZ

For Roofing Granules.
Claims use since April, 1932.

353,712. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GLORIA BRISTOL, New York, N. Y. Filed July 30, 1937. Serial No. 395,809.

Gloria Bristol

For Cosmetic Creams, Hair Salves, Milk Lotions, Astringents, Antiseptic Lotions, Hand Lotions, Gland Oils, After Shaving Lotions, Eye Lotions, Hair Lotions, and Mineral Salt Shampoo, Facial Masks Used in the Treatment of the Skin.
Claims use since 1933.

353,713. (CLASS 39. CLOTHING.) ETABLISSEMENTS B. FLÉCHET, Chazelles/S/Lyon, France. Filed Aug. 4, 1937. Serial No. 395,984.

FLÉCHET

For Felt Hats for Men, Women, and Children.
Claims use since 1859.

353,714. (CLASS 39. CLOTHING.) MAX RABIN, doing business as Rabin Glove Co., Jersey City, N. J. Filed Aug. 4, 1937. Serial No. 396,008.

Rabin

For Leather Gloves and Gloves Made of a Combination of Leather and Fabric.
Claims use since September, 1926.

353,715. (CLASS 39. CLOTHING.) ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Aug. 12, 1937. Serial No. 396,295.

Corliss

For Women's, Misses', and Children's Dresses, Coats, Suits, Underwear and Hats, and Maids' and Nurses' Uniforms.
Claims use since July 15, 1936.

353,716. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) FULLER PRODUCTS CO., Chicago, Ill. Filed Aug. 16, 1937. Serial No. 396,458.

FULLER'S
QUALITY

For Preparations Designed to Stimulate the Growth of Hair, Pressing Oil, Hair Dressing, Skin Lotion, Shampoos, Body Deodorants, After-Shaving Lotion, and Brilliantine.
Claims use since July 1, 1936.

353,717. (CLASS 15. OILS AND GREASES.) EMERY INDUSTRIES, INC., Cincinnati, Ohio. Filed Aug. 26, 1937. Serial No. 396,769.

TWITCHELL

For Cutting Oils and Cutting Oil Bases.
Claims use since 1897.

353,718. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WALGREEN CO., Chicago, Ill. Filed Sept. 2, 1937. Serial No. 397,059.

CHAMBLY

For Cosmetic Preparations—Namely, Scents, Face Powder, Cold Cream, Talcum Powder, and Toilet Water.
Claims use since December, 1930.

353,719. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BOURJOIS, INC., New York, N. Y., assignor to Barbara Gould, Inc., New York, N. Y., a corporation of New York. Filed Oct. 7, 1937. Serial No. 398,235.

BARBARA GOULD

For Toilet Preparations—Namely, Toilet Creams as Follows, Cleansing Creams, Liquefying Cleansing Cream, Cold Cream, Circulation Cream, Hand Cream, Tissue Cream, Finishing Cream, Plastic Cream, Irradiated Skin Cream, Eye Cream and Skin Cream; Sun Oil, Pine Bath Oil, Muscle Oil; Liquid Astringent, Astringent Bleach, Complexion Dressing; Lotions as Follows: Skin Lotion and Tonic Known as Skin Freshener, Cream Lotion, Sun Lotion, Summer Tan Lotion and Hand Lotion; Toilet Powders as Follows: Face Powder and Dusting Powder; Rouges in Dry Form and in Cream Form, Lip Sticks, Mascara, Eye Shadow, Eyebrow Pencil; Skin Sachet; Bath Crystals; Deodorant in Liquid Form and in Cream Form; Nail Polish in Cream Form and in Liquid Form; Nail Polish Remover; Cuticle Remover, Nail and Cuticle Oil; Filled Compacts Containing Face Powder, Rouge, Face Powder and Rouge, Face Powder, Rouge and Lip Stick; Ensemble Sets Containing Cleansing Cream, Finishing Cream, Skin Freshener, Tissue Cream and Face Powder in the Combination Mentioned and in Other Combinations; Perfumes, Shampoos and Brilliantine.
Claims use since Apr. 19, 1928.

353,720. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) COMMERCIAL SOLVENTS CORPORATION, New York, N. Y. Filed Oct. 18, 1937. Serial No. 398,614.

NORWAY

For Alcoholic Solvents, Methanol, and Radiator Anti-Freeze Solutions.
Claims use since Oct. 9, 1936.

353,721. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) SUPERIOR PARTS COMPANY, Chicago, Ill. Filed Oct. 21, 1937. Serial No 398,795.

SAF-T-RAY

For Automobile Safety Reflecting and Signal Lenses.
Claims use since April, 1936.

353,722. (CLASS 39. CLOTHING.) WHELLKIN COAT CO. INC., New York, N. Y. Filed Oct. 21, 1937. Serial No. 398,797.

Himalaya Fleece

For Women's, Misses', and Juniors' Coats and Suits.
Claims use since Feb. 19, 1936.

353,723. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EDGAR P. LEWIS & SONS, INC., doing business as Betty Lewis Home Made Candy Company, Malden, Mass. Filed Oct. 23, 1937. Serial No. 398,854.

Betty Lewis

For Chocolates, and Molasses Candy.
Claims use since Apr. 17, 1934.

353,724. (CLASS 39. CLOTHING.) ADELAAR BROS., INC., New York, N. Y. Filed Oct. 25, 1937. Serial No. 398,880.

Suit-able

For Ladies' Blouses, Dresses, and Suits.
Claims use since Nov. 16, 1936.

353,725. (CLASS 12. CONSTRUCTION MATERIALS.) VICTOR CUSHWA & SONS, Williamsport, Md. Filed Nov. 9, 1937. Serial No. 399,501.

CALVERT

For Brick.
Claims use since Jan. 1, 1935.

TRADE-MARK REGISTRATIONS RENEWED

118,973. CANDY. Registered October 16, 1917. JACOBS CANDY COMPANY, LIMITED, New Orleans, La., a corporation of Louisiana. Renewed October 16, 1937.

120,048. RUBBER BOOTS AND SHOES. Registered January 1, 1918. UNITED STATES RUBBER COMPANY, New York, N. Y., a corporation of New Jersey. Renewed January 1, 1938.

120,049. RUBBER BOOTS AND SHOES. Registered January 1, 1918. UNITED STATES RUBBER COMPANY, New York, N. Y., a corporation of New Jersey. Renewed January 1, 1938.

LABELS
REGISTERED JANUARY 11, 1938

50,552.—*Title:* ADA MILLING COMPANY FLOUR; (NAUTICAL PATTERN: BLUE & WHITE SAIL BOATS, WHITE SEA GULLS AND WAVES, RED MOON, ON BLUE BACKGROUND). For Flour. ADA MILLING COMPANY, Ada, Okla. Published November 1, 1937.

50,553.—*Title:* ADA MILLING COMPANY FLOUR, (SCENIC PATTERN. BROWN HILLS AND TREE TRUNKS. RED, GREEN, AND DARK BROWN IN LEAVES. FLOWERS AND SHRUBS. WHITE HOUSES WITH GREEN TOPS). For Flour. ADA MILLING COMPANY, Ada, Okla. Published November 1, 1937.

50,554.—*Title:* ADMIRACION DeLUXE REVITALIZING SCALP AND HAIR CREAM. For Revitalizing Scalp and Hair Cream. ADMIRACION LABORATORIES, INC., Harrison, N. J. Published October 22, 1937.

50,555.—*Title:* HYATT BILLIARD BALLS. For Billiard Balls. ALBANY BILLIARD BALL COMPANY, Albany, N. Y. Published October 7, 1937.

50,556.—*Title:* SAVET, EXTRA QUALITY SOLES. For Soles, Cement-Applied, For Shoes. AUBURN RUBBER CORPORATION, Wilmington, Del., and Auburn, Ind. Published August 26, 1937.

50,557.—*Title:* BEECH-NUT GRAHAMS. For Graham Crackers. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published November 22, 1937.

50,558.—*Title:* FEMEZM. For a Feminine Antiseptic. ELIZABETH BOYD, doing business as Princess Laboratories, Los Angeles, Calif. Published September 23, 1937.

50,559.—*Title:* CORD-WIRE ANCHORS. For Cord and Wire Anchors. ARTHUR C. BROWN, doing business as Cord-Wire Anchor Company, New York, N. Y. Published November 2, 1937.

50,560.—*Title:* TERRITORIAL NO. 122A. For Butter. THE BUTLER PAPER PRODUCTS COMPANY, Toledo, Ohio. Published June 17, 1937.

50,561.—*Title:* TERRITORIAL DESIGN NO. 250A. For Butter. THE BUTLER PAPER PRODUCTS COMPANY, Toledo, Ohio. Published April 15, 1937.

50,562.—*Title:* TERRITORIAL NO. 285A. For Butter. THE BUTLER PAPER PRODUCTS COMPANY, Toledo, Ohio. Published October 1, 1937.

50,563.—*Title:* TERRITORIAL DESIGN NO. 310A. For Butter. THE BUTLER PAPER PRODUCTS COMPANY, Toledo, Ohio. Published May 7, 1937.

50,564.—*Title:* TERR. DESIGN NO. 317A. For Butter. THE BUTLER PAPER PRODUCTS COMPANY, Toledo, Ohio. Published February 8, 1937.

50,565.—*Title:* TERR. DES. NO. 365. For Butter. THE BUTLER PAPER PRODUCTS COMPANY, Toledo, Ohio. Published November 30, 1936.

50,566.—*Title:* GOLDEN ROD. For Butter. THE BUTLER PAPER PRODUCTS COMPANY, Toledo, Ohio. Published October 6, 1937.

50,567.—*Title:* CENTURY 80. For Whiskey. CENTURY DISTILLING CO., Peoria, Ill. Published November 18, 1937.

50,568.—*Title:* CENTURY 90. For Whiskey. CENTURY DISTILLING CO., Peoria, Ill. Published November 18, 1937.

50,569.—*Title:* "VOLCANITE". For American Pumice. CHAMBERLAIN COMPANY (INC.), Los Angeles, Calif. Published September 28, 1937.

50,570.—*Title:* DR. SELLS COLD CAPSULES. For Cold Capsules. D. F. S. LABORATORIES, INC., Spokane, Wash. Published September 28, 1937.

50,571.—*Title:* F F P (FRENCH'S FOOT POWDER). For Foot Powder. FRENCH CLINICAL LABORATORY AND SUPPLY DEPOT, San Antonio, Tex. Published November 1, 1937.

50,572.—*Title:* WESTCLOX BIG BEN LOUD ALARM. For Alarm Clocks. GENERAL TIME INSTRUMENTS CORPORATION, New York, N. Y., and La Salle, Ill. Published October 22, 1937.

50,573.—*Title:* GILBERT ELECTRIC HAIR DRYER. For Electric Hair Dryers. THE A. C. GILBERT COMPANY, New Haven, Conn. Published November 1, 1937.

50,574.—*Title:* POLAR CUB ELECTRIC BEATSFAST. For Portable Electric Beaters for All Kitchen Purposes. THE A. C. GILBERT COMPANY, New Haven, Conn. Published September 24, 1937.

50,575.—*Title:* POLAR CUB ELECTRIC HAIR DRYER. For Electric Hair Dryers. THE A. C. GILBERT COMPANY, New Haven, Conn. Published October 5, 1937.

50,576.—*Title:* HELP YOUR PAL. For an Ointment for Cats and Dogs. JAMAICA LABORATORIES COMPANY, Jamaica, N. Y. Published July 2, 1937.

50,577.—*Title:* JOHNSON'S AUTO CLEANER AND POLISH. For an Automobile Cleaner and Polish. S. C. JOHNSON & SON, INC., Racine, Wis. Published October 18, 1937.

50,578.—*Title:* KAHNS GOLDEN CRUST BREAD. For Bread. SIMON KAHN, doing business as Kahn's Bakery, El Paso, Tex. Published October 1, 1937.

50,579.—*Title:* OLD PAGE BRAND. For Apple Brandy. LESTER V. KITE, Stanley, Va. Published November 12, 1937.

50,580.—*Title:* KROGER'S COUNTRY CLUB BRAND OYSTER CRACKERS. For Oyster Crackers. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Published November 10, 1937.

50,581.—*Title:* MINERVITE VITAMINS AND MINERALS. For Vitamin and Mineral Capsules. MINERVITE VITAMIN COMPANY, Brooklyn, N. Y. Published September 16, 1937.

50,582.—*Title:* NOONAN'S GARDEN FRESH. For String Beans. L. F. NOONAN CO., INC., Oakland, Calif. Published April 6, 1937.

50,583.—*Title:* BARRINGTON SHAMPOO. For a Shampoo. NORTH AMERICAN DYE CORPORATION, Mount Vernon, N. Y. Published December 3, 1937.

50,584.—*Title:* BEAUTY GLOW. For a Dandruff Shampoo. RALPH C. PEVEHOUSE, Pomona, Calif. Published October 27, 1937.

50,585.—*Title:* SUPERB BREAD. For Bread. SANITARY PAPER CO., Kalamazoo, Mich. Published September 14, 1937.

50,586.—*Title:* SIMMS' ORIGINAL FLAKED & SHREDDED SASSAFRAS. For Flaked and Shredded Sassafras To Be Used as a Tea. H. SIMMS & SONS, Tuskegee, Ala. Published October 1, 1937.

50,587.—*Title:* PERFECT SLEEPER. For Mattresses. SLEEPER, INC., Chicago, Ill. Published January 4, 1937.

50,588.—*Title:* TINY SLEEPER. For Crib Mattresses. SLEEPER, INC., Chicago, Ill. Published July 5, 1937.

50,589.—*Title:* RESTAL KNIGHT. For Mattresses. SLEEPER, INC., Chicago, Ill. Published January 4, 1937.

50,590.—*Title:* SMOOTH-REST. For Mattresses. SLEEPER, INC., Chicago, Ill. Published January 4, 1937.

50,591.—*Title:* "POLO HAM". For Ham. WLADYSLAW TREMBICZEWSKI, New York, N. Y. Published October 1, 1937.

PRINTS

REGISTERED JANUARY 11, 1938

16,644.—*Title:* COURTESY STATION. For Safety Devices in the Form of a Temporary Shelter to be Placed Along Highways, for Accommodation of School Children. JAMES G. ANDERSON, Wauchula, Fla. Published August 14, 1937.

16,645.—*Title:* BEMIS WATERPROOF BAGS. For Waterproof Bags. BEMIS BRO. BAG CO., St. Louis, Mo. Published September 27, 1937.

16,646.—*Title:* BEMIS WATERPROOF BAGS. For Waterproof Bags. BEMIS BRO. BAG CO., St. Louis, Mo. Published October 25, 1937.

16,647.—*Title:* DREWRYS JUG O' ALE. For Ale. DREWRYS LIMITED U. S. A., INC., South Bend, Ind. Published November 16, 1937.

16,648.—*Title:* THE GROANING BOARD. For Coffee. HILLS BROS., San Francisco, Calif. Published November 24, 1937.

16,649.—*Title:* THE STEREOPTICON LECTURE. For Coffee. HILLS BROS., San Francisco, Calif. Published November 17, 1937.

16,650.—*Title:* GRADUATION DAY. For Coffee. HILLS BROS., San Francisco, Calif. Published November 10, 1937.

16,651.—*Title:* THE PARLOR ORGAN. For Coffee. HILLS BROS., San Francisco, Calif. Published November 3, 1937.

16,652.—*Title:* BOBBING FOR APPLES. For Coffee. HILLS BROS., San Francisco, Calif. Published October 27, 1937.

16,653.—*Title:* THE TAFFY PULL. For Coffee. HILLS BROS., San Francisco, Calif. Published October 13, 1937.

16,654.—*Title:* THE SPELLING MATCH. For Coffee. HILLS BROS., San Francisco, Calif. Published October 6, 1937.

16,655.—*Title:* THE SMARTEST RIG IN TOWN. For Coffee. HILLS BROS., San Francisco, Calif. Published September 29, 1937.

16,656.—*Title:* THE OLD SWIMMING HOLE. For Coffee. HILLS BROS., San Francisco, Calif. Published September 15, 1937.

16,657.—*Title:* THE COUNTY FAIR. For Coffee. HILLS BROS., San Francisco, Calif. Published September 22, 1937.

16,658.—*Title:* "ORCHIDS ON YOUR BUDGET" ZIPPER HOUSE COAT. For Hostess Coats. S. L. HOFFMAN & CO., INC., New York, N. Y. Published December 1, 1937.

16,659.—*Title:* THE YANKEE DUCHESS ZIPPER DRESS. For Dresses. S. L. HOFFMAN & CO., INC., New York, N. Y. Published December 1, 1937.

16,660.—*Title:* INTERWOVEN SOCKS FOR CHRISTMAS. For Socks. INTERWOVEN STOCKING COMPANY, New Brunswick, N. J. Published August 27, 1937.

16,661.—*Title:* KORRECTED-KURVE KRYPTOK. For Spectacles. TIDEWATER OPTICAL CO., INC., Norfolk, Va. Published August 15, 1937.

16,662.—*Title:* BOCK BEER. For Bock Beer. THE WOLF COMPANY, Philadelphia, Pa. Published September 30, 1937.

REISSUES

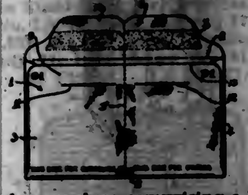
JANUARY 11, 1938

20,615
ENVELOPE

Joseph W. Beer, Roanoke, and Reybern R. Sublette, Vinton, Va., assignors to Double Envelope Corporation, Roanoke, Va., a corporation of Virginia

Original No. 2,001,240, dated May 14, 1935, Serial No. 657,410, February 18, 1933. Application for reissue February 11, 1937, Serial No. 125,254

2 Claims. (Cl. 229—30)



1. A duplex envelope comprising a body having front and back faces closed at the sides and bottom and having an opening at the top, the front face having a flap foldable over said opening, said front and back faces being pasted together along a transverse strip forming side-by-side pockets, said flap and the body of the envelope having a transverse line of weakness extending intermediately along the said pasted strip, the back of said envelope having straight line slits extending from the opposite edges of said transverse strip and substantially parallel to the edge of said opening, each slit being substantially longer than one-half of the width of the side pocket over which it extends, said flap having a gummed area in the form of a continuous gummed band spaced from and extending substantially parallel to the free edge of said flap, said band being symmetrical with respect to the transverse line and being at least equal in length to the combined lengths of said slits and the space on the back between the adjacent ends of said slits, the band being located when in sealing position to make adhesive contact with the back of said envelope above and throughout the lengths of said slits and with the solid part of said back between adjacent ends of said slits, the free part of said flap between the gummed area and the free edge overlying said slits when the envelope is sealed.

20,616
DOOR LOCK

Wilfred A. Beauchamp, Chicago, Ill., assignor, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio, a corporation of Ohio

Original No. 1,877,262, dated September 13, 1932, Serial No. 457,939, October 11, 1930. Application for reissue March 30, 1934, Serial No. 718,193

9 Claims. (Cl. 292—284)



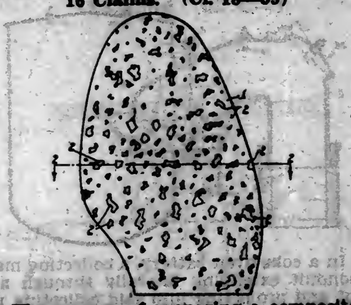
9. In a railway house car having a relatively stationary member and a slidable door member, a vertically reciprocable pin secured to one of said members, an abutment for said pin secured to the other of said members, said pin being engageable with said abutment prior to the full closed position of said door member to prevent opening movement thereof, said engagement between said pin and abutment determining the position of said pin, said pin being biased downwardly by the action of gravity, said pin during downward movement reestablishing engagement with said abutment as said door moved toward fully closed position, thereby preventing movement of said door in the opposite direction, means secured to one of said members to enable said door to be sealed, said pin being movable downwardly in the sealed position of said door member to automatically absorb slack introduced by the movement of said door member toward closed position.

20,617
SHOE SOLE OR THE LIKE AND PROCESS OF MANUFACTURING SAME

John E. Caldwell, Akron, Ohio, assignor to The Firestone Tire & Rubber Company, Akron, Ohio, a corporation of Ohio

Original No. 1,973,748, dated September 18, 1934, Serial No. 696,758, November 6, 1933. Application for reissue January 7, 1935, Serial No. 737

16 Claims. (Cl. 18—59)



16. The process of preparing a composite rubber stock comprising dispersing small discrete particles of relatively highly abrasion-resisting resilient rubber which has been partially vulcanized throughout a body of rubber having less abrasion resisting properties and vulcanizing the composite stock.

20,618
ELECTRICAL ADAPTER MEANS

Harry A. Douglas, Bronson, Mich., assignor to Kingston Products Corporation, a corporation of Indiana

Original No. 1,956,289, dated April 24, 1934, Serial No. 637,717, October 14, 1932. Application for reissue August 15, 1935, Serial No. 36,322

12 Claims. (Cl. 173—329)

3. Electrical connection means comprising a receptacle formed of sheet metal having a rectangular central portion, a wing portion integral therewith at each four corners of the central portion, and end continuations of the central portion ex-

tending beyond the wing portions, with said central portion folded in a return bend to have its bight form a part of a terminal receiving portion and two of the walls of a socket portion and said wing portions laterally bent from said central portion to have adjacent edges of each pair of two wing portions disposed to form the other two sides of the socket portion, and said end continua-



tions overlapped transversely of the socket portion to form a bottom therefor, said wing portions having ears arranged with respect to each other and with respect to the bight of the central portion to define the remainder of the terminal receiving portion, and said end continuations circularly perforated with the perforation of the inner end continuation interiorly screw-threaded to receive a conductor.

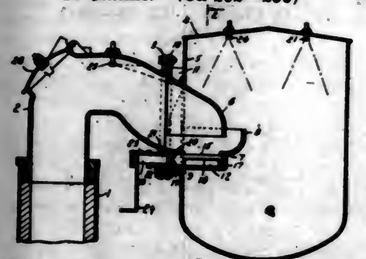
20,619

COLLECTOR MAIN VALVE ASSEMBLY

Charles Vernon McIntire, Shorthills, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y., a corporation of New York

Original No. 2,027,548, dated January 14, 1936, Serial No. 628,343, August 11, 1932. Application for reissue September 16, 1937, Serial No. 164,200

17 Claims. (Cl. 202—256)



17. In a coke oven battery, a collecting main, a gas conduit extending laterally through a side wall of and projecting into said collecting main, means disposed within said collecting main for spraying liquid, a member within the collecting main disposed to collect liquid discharged by said spray means into which liquid the terminal portion of said laterally extending gas conduit extends to form a liquid seal which prevents flow of gas through said terminal portion into said collecting main, and means for breaking said liquid seal to permit flow of gas through said terminal portion into said collecting main.

20,620

TORQUE MEASURING WRENCH

John H. Sharp, Chicago, Ill., assignor to Automotive Maintenance Machinery Co., North Chicago, Ill., a corporation of Illinois

Original No. 2,007,880, dated July 9, 1935, Serial No. 538,292, May 18, 1931. Application for reissue December 14, 1936, Serial No. 115,889

6 Claims. (Cl. 265—1)

1. A torque indicating device comprising a housing portion with a manually operable handle extending therefrom, a wrench portion with a jaw adapted to engage a nut and a shank extending therefrom and with its end portion received in and pivoted to said housing, arms extending laterally from the pivoted portion of said shank, springs disposed in said housing and acting in the same general direction on opposite ends of said arms, so as to normally hold the shank in neutral position, generally aligned with the



handle, movable means engaging the ends of said springs away from said arms for adjusting the spring pressure, a dial on one face of said housing, a pointer pivotally mounted on said housing and movable over said dial, and means for transmitting motion from said shank to said pointer, upon movement of said housing and handle portion with respect to the wrench portion, for indicating the amount of torque applied to said device.

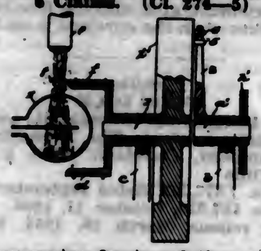
20,621

DEVICE FOR PHONOGRAPHS WITH LINEAR PHONOGRAM CARRIERS

Hans Vogt, Berlin-Steglitz, Joseph Massolle, Berlin-Gliencke, and Josef Engl, Berlin-Charlottenburg, Germany, assignors, by mesne assignments, to American Tri-Ergon Corporation, New York, N. Y., a corporation of New York

Original No. 1,712,726, dated May 21, 1929, Serial No. 126,530, March 20, 1922. Application for reissue February 18, 1937, Serial No. 126,530

6 Claims. (Cl. 274—5)



6. An apparatus for translating sound vibrations representative of speech, music or the like, to or from a film record strip by the use of a line of light varied in accordance with the sound, which comprises means for imparting to the film an arcuate, rapid and uniform motion longitudinally of the film past said line of light, and for retaining the moving film under tension at the area of translation, a source of light projection for providing a line of said light in fixed position,

and an objective lens in the neighborhood of said area of translation on the film but spaced therefrom for collecting said projected light and directing the same as a converged narrow line impinging directly upon the arcuately moving film at said area of translation and transversely of the direction of movement of the film, said means including a flywheel and means operatively connecting said flywheel with the film, which last named means imparts uniformity of motion of the flywheel to the film in passing through said line of light.

20,622

FILM MAGAZINE FOR AMATEUR MOTION PICTURE CAMERAS

Edwin Stanton Porter, New York, N. Y.

Original No. 1,954,941, dated April 17, 1934, Serial No. 540,050, May 26, 1931. Application for reissue July 31, 1936, Serial No. 91,794

16 Claims. (Cl. 88—17)



1. A removable film carrying magazine for cameras which comprises a magazine casing insertable into a recess in the camera, a spring element on the rear end of the magazine engageable by the door of the camera when the door is closed, to force the magazine into operative position within the camera.

11. A film magazine for cameras, a magazine including a casing having a base portion with lateral walls and a cover portion, a supply spool and a take-up spool in said magazine, a gate-plate disposed in said base portion adjacent the lateral wall, means projecting from the base portion of the casing and engaging the take-up spool for driving said spool in only one direction, ribs on the base and cover to strengthen the same, and reduce the lateral area of contact with the film, the lateral wall of the casing being off-set along the center to avoid contact with the picture sections of the film within the casing, and a plate extending from the adjacent end of the gate-plate to a point toward the take-up spool, said plate lying closely adjacent the wall of the magazine and forming a passage along which the film passes, the end of the latter plate adjacent the take-up spool being of a predetermined flexibility, the film passing over this flexible end and being continuously maintained in a state of tension as it is wound up on the take-up spool.

20,623

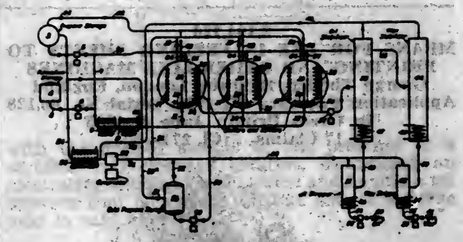
HIGH MELTING POINT WAX AND PRODUCTION OF SAME

Claude F. Tears, Warren, Pa., assignor to The Petroleum Processes Corporation, Wichita, Kans., a corporation of Kansas

Original No. 2,000,427, dated May 7, 1935, Serial No. 698,223, November 16, 1933. Application for reissue May 6, 1937, Serial No. 141,024

5 Claims. (Cl. 196—30)

1. The herein disclosed process of producing a high melting point wax, which comprises dissolving petrolatum stock in a solvent, chilling the solution and cold settling under pressure in a closed vessel to precipitate the waxy content, withdrawing the oily content from the vessel,



heating the precipitated wax solvent layer to melt the wax and generate pressure by vaporization of the solvent to force said waxy layer from the closed vessel and separately stabilizing and stripping the withdrawn oily and waxy materials.

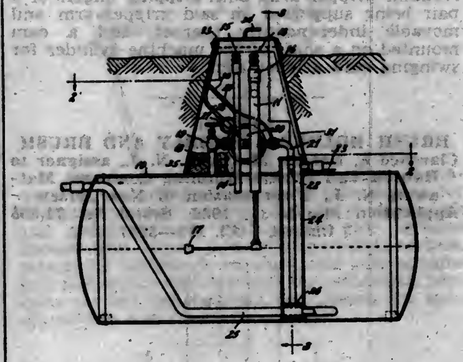
20,624

STORAGE AND DISPENSING APPARATUS FOR LIQUEFIED GASES

Loyd J. White, San Antonio, Tex., assignor to Southern Steel Company, a corporation of Texas

Original No. 2,042,429, dated May 26, 1936, Serial No. 42,837, September 26, 1935. Application for reissue October 20, 1937, Serial No. 170,133

12 Claims. (Cl. 62—1)



1. In a liquefied gas storage and dispensing plant of the class described, a storage tank; dispensing means connected to the tank for delivering gas at a low pressure therefrom; a service pipe leading from said dispensing means having a portion projecting into said tank; a water conduit around said pipe within the tank providing a heat exchanger for revaporizing condensed gas therein; and water pipes connected to said conduit for circulating water in heat exchanging relation to liquefied gas in the tank.

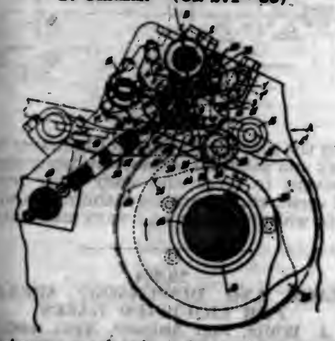
PATENTS

GRANTED JANUARY 11, 1938

2,104,720
MEANS FOR USE IN FEEDING SHEETS TO PRINTING AND OTHER LIKE MACHINES

George Thomas Baldwin, London, England

Application February 27, 1936, Serial No. 66,128
In Great Britain June 4, 1935
17 Claims. (Cl. 271—53)

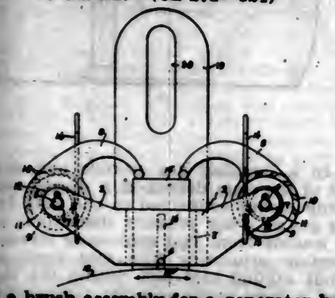


1. Gripper mechanism for rotary sheet fed printing machines wherein the gripper mechanism comprises a plurality of pairs of gripping fingers each pair of which is suspended from a triangular arrangement of links adapted to be extended and reduced laterally in order to effect opening and closing of the gripping fingers, a rockable gripper arm, both gripping fingers of a pair being supported on said gripper arm and movable independently thereof, and a cam mounted on a shaft of the machine cylinder for swinging said gripper arm.

2,104,721
BRUSH HOLDER ASSEMBLY AND BRUSH

Clarence E. Berger, Matawan, N. J., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J., a corporation of New Jersey

Application March 31, 1936, Serial No. 71,958
7 Claims. (Cl. 171—324)



1. In a brush assembly for a generator having a commutator, a brush, means to support said brush for relative sliding and rocking movement with respect to a predetermined axis parallel to the axis of said commutator, and resilient means for engaging said brush at opposite sides of said predetermined axis and urging said brush toward said commutator.

2,104,722
PROCESS FOR THE PRODUCTION OF ARTIFICIAL SILK AND THE LIKE

Heinrich Bertsch, Chemnitz, Germany, assignor, by mesne assignments, to American Hyalsol Corporation, Wilmington, Del., a corporation of Delaware

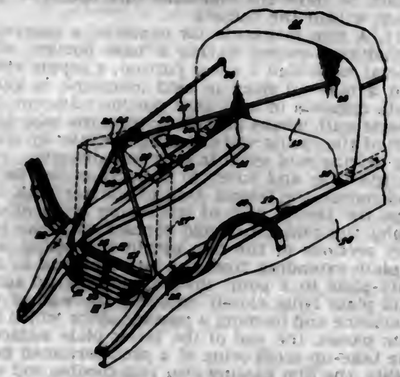
No Drawing. Application December 3, 1931, Serial No. 578,849. In Germany December 4, 1930
13 Claims. (Cl. 106—40)

7. A process whereby artificial silk threads, films and the like obtained from cellulose products may be formed with improved properties which comprises, adding to the cellulose product before the spinning or forming operation employed in making the threads, films or the like, the reagent serving for the improvement together with a higher aliphatic alcohol having more than 5 carbon atoms in the molecule.

2,104,723
MOTOR VEHICLE

Frank C. Best, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan

Application October 26, 1932, Serial No. 639,251
4 Claims. (Cl. 280—152)



2. In a motor vehicle having a main frame and a dash, an auxiliary frame movably mounted on the main frame, a radiator fixed at its bottom on the auxiliary frame, a pair of brace members fixed to the auxiliary frame and pivoted to the upper portion of the radiator and another pair of braces fixed to the dash and pivoted to the upper portion of the radiator, said brace members being pivoted to allow movement of the radiator and frame in a vertical plane.

2,104,724
GLOVE AND METHOD OF MAKING SAME FROM STRIP MATERIAL

Joseph Bloom, New York, N. Y.

Application October 2, 1937, Serial No. 166,941
7 Claims. (Cl. 2—169)

1. The method of making a fabric glove which comprises knitting laterally joined selvage strips, separating the selvage strips between the selvage edges for a predetermined distance to provide finger portions, transversely cutting the strips to



form a glove section, superimposing two such cut sections and securing the superimposed cut sections at the sides and around the edges of the finger portions.

2,104,725
BREAST SUPPORT

Pauline Boris, Chicago, Ill.

Application August 13, 1936, Serial No. 95,920
2 Claims. (Cl. 2—42)



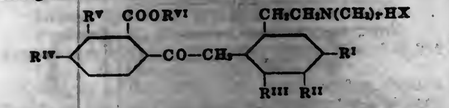
1. A breast supporting device comprising a frame bent from wire, said frame having two side portions for disposition at the front of the body under the breast, and a forwardly projecting U-shaped upper portion connecting the upper ends of said side portions for disposition under the breast, a flexible sheet secured to said frame and cooperating with said upper portion thereof in forming a yieldable shelf to underlie the breast, and means connected with said frame for holding said support in position upon the body.

2,104,726
PRODUCTION OF HYDROHALIDES OF ALKYL ESTERS OF ISO-QUINOLINE ALKALOIDS

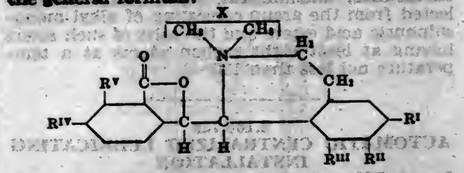
Carl R. Addinall, Westfield, and Randolph T. Major, Plainfield, N. J., assignors to Merck & Co., Inc., Rahway, N. J., a corporation of New Jersey

No Drawing. Application May 17, 1934, Serial No. 726,122
9 Claims. (Cl. 260—95)

1. A process for producing hydrohalides of various alkyl esters of iso-quinoline alkaloids of the general formula:



wherein R^I, R^{II}, R^{III}, R^{IV}, and R^V may be selected from the group consisting of H and alkoxy radicals, and wherein adjacent pairs together may be an alkylene-oxy radical, attached to the benzene nuclei; X is a mineral acid radical, and R^{VI}, is an alkyl radical; which comprises refluxing the methyl halides of the corresponding alkaloids of the general formula:

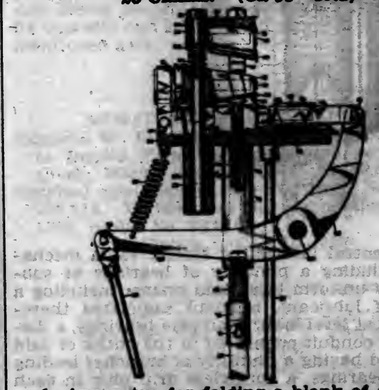


with the desired alcohol in the presence of a suitable ring-cleavage catalyst, comprising an electrolyte soluble in said alcohol and having a pH between that of sodium ethylate and of salicylic acid in said alcohol.

2,104,727
METHOD OF AND APPARATUS FOR FOLDING SHEET MATERIAL

Maurice M. Balsam and William L. Lawson, New York, N. Y.; said Balsam assignor to said Lawson

Application May 20, 1936, Serial No. 80,682
25 Claims. (Cl. 93—39.1)



1. Apparatus for folding a blank of sheet material into a hollow shape comprising means for clamping an intermediate section of said blank and simultaneously folding the side sections thereof with respect to said intermediate section, means for folding portions of said side sections and restraining movement of the remaining portions of said side sections, and means for synchronously operating said means.

2,104,728
WETTING AND DISPERSING AGENTS AND PROCESS OF MAKING THE SAME

Heinrich Bertsch and Hans Stober, Chemnitz, Germany, assignors, by mesne assignments, to Böhme Fettchemie-Gesellschaft mit beschränkter Haftung, Chemnitz, Germany

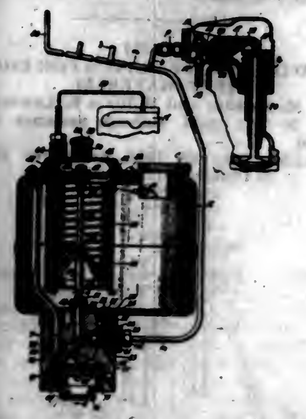
No Drawing. Application August 1, 1933, Serial No. 683,223. In Austria March 9, 1933
8 Claims. (Cl. 260—41)

3. A quaternary ammonium salt of the general formula $RXSO_4H$, wherein "R" is an aliphatic hydrocarbon radical, containing at least eight carbon atoms, and "X" is the nitrogen atom in a pyridine or quinoline ring structure.

4. The process of making high molecular quaternary ammonium salts which comprises re-

acting a compound selected from the group consisting of pyridine, chinoline, iso-chinoline, N-alkyl piperidines, and the homologues of said compounds, and nicotin, with compounds selected from the group consisting of alkyl monosulphuric acid esters and the salts of such esters having at least eight carbon atoms at a temperature not less than 130° C.

2,104,729
AUTOMATIC CENTRALIZED LUBRICATING INSTALLATION
Joseph Bijur, New York, N. Y., assignor to Auto Research Corporation, a corporation of Delaware
Application December 29, 1928, Serial No. 329,172
25 Claims. (Cl. 184—6)



1. A central lubricating system for a mechanism including a plurality of bearings at substantially uniform level, said system including a source of lubricant, a pump associated therewith and at level lower than said bearings, a distributing conduit connected to the outlet of said pump and having a plurality of branches leading to said bearings, a springless drip plug in each of said branches, means for operating said pump, said operating means responding to a condition of operation of the mechanism of effectiveness disproportionate to the lubricant requirements of the bearings, and a spring-seated valve near the inlet of said conduit system draining back to said source, the excess of said pump discharge beyond the requirements of said system.

2,104,730
PROCESS AND APPARATUS FOR MAKING GUT STRING
Carl G. Bjerkman, Chicago, Ill.
Application July 7, 1936, Serial No. 89,249
11 Claims. (Cl. 117—2)



1. The process of making gut string which includes twisting a skein of gut ribbons of substantially uniform length in a bath of water.

2,104,731
CLUTCH CONTROLLING MECHANISM
Caleb S. Bragg, Palm Beach, Fla., assignor to Bragg-Kliesrath Corporation, South Bend, Ind., a corporation of New York
Application April 17, 1935, Serial No. 16,748
10 Claims. (Cl. 192—.01)



1. In an automotive vehicle provided with a clutch and an accelerator, power means for operating the clutch to effect a disengagement and a multistage engagement thereof, said power means comprising a plurality of pressure differential operated motors, means interconnecting said motors and clutch, and accelerator operated valve means for controlling the operation of said motors.

2,104,732
ELECTROLYTE
Joseph B. Brennan, Fort Wayne, Ind.
Application July 26, 1934, Serial No. 737,086
8 Claims. (Cl. 175—315)



6. An electrolyte for electrolytic condensers consisting principally of a solution of ammonium lactate, ammonium borate and boric acid and containing a homogenizing agent consisting of a polysaccharide and formaldehyde.

2,104,733
ELECTROLYTE AND METHOD OF MAKING SAME
Joseph B. Brennan and Emma Leona Marsh, Fort Wayne, Ind.; said Marsh assignor to said Brennan
No Drawing. Application February 2, 1935, Serial No. 4,624
9 Claims. (Cl. 175—315)

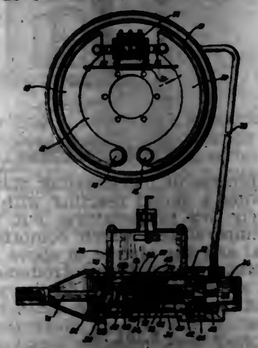
1. An electrolyte for electrolytic condensers consisting principally of a solution of a salt of a weakly ionized film-forming acid in a polyhydric alcohol and pyridine.

2,104,734
TRAILER
Arley D. Carpenter, Los Angeles, Calif., assignor to Comet Trailer Corporation, a corporation of Delaware
Application August 30, 1935, Serial No. 38,200
1 Claim. (Cl. 280—33.44)



The combination with a vehicle and a trailer, of draft means therefor to maintain axial alignment thereof and comprising a transverse bar pivotally mounted midway its ends to the trailer, housings secured to the trailer and receiving the opposite ends of the transverse bar to guide the same, lugs extending forwardly from adjacent the ends of the transverse bar, curved tongues having one of their ends connected to the lugs, toothed and wedge adjusting means included in the connecting means for the tongues, and means for detachably and adjustably connecting the opposite ends of the tongues to the vehicle.

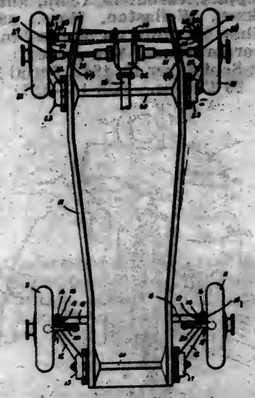
2,104,735
BRAKE
Eugene G. Carroll and Cecil H. Taylor, South Bend, Ind., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application May 18, 1932, Serial No. 612,136
16 Claims. (Cl. 60—54.6)



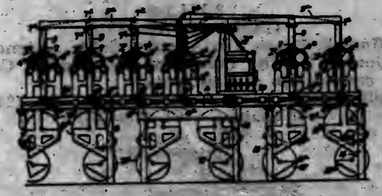
1. In a hydraulic brake system, a cylinder; an annular piston slidable therein; a concentric piston of smaller diameter extending forward from said annular piston and formed with a longitudinal bore extending to the front end thereof and with a port communicating with said bore; a valve member slidably mounted in said bore and extending rearwardly through said annular piston, said valve member being formed with a longitudinal bore extending through a part of its length and with a pair of intersecting bores, one adapted to register with said port and the other adapted to communicate at times with the portion of said cylinder rearwardly of said annular piston; a spring acting on said valve and normally maintaining said intersecting bores out of communication with said rearward chamber; an annular head through which the front end of said small area piston slides, and a packing cup associated with the front end of said valve member whereby fluid pressure in advance of said head acts on said valve to move it to open communication between the portion of the cylinder just in advance of said annular piston and the portion rearwardly thereof.

2,104,736
INDEPENDENT WHEEL SUSPENSION
Frederick E. Clemens, Indianapolis, Ind.
Application August 11, 1934, Serial No. 739,370
10 Claims. (Cl. 280—124)

1. In an automobile, the combination with a frame, a load spring, and an automobile wheel, of an elongated wheel support structure connected to the load spring at one end, means pivotally supporting, remote from the spring connection, said structure upon an axis substantially parallel to the longitudinal axis of the automobile and upon an axis intersecting the first mentioned axis and approximately transverse to the longitudinal axis of the automobile, said structure extending longitudinally of the automobile, and means securing said elongated structure at its opposite end in adjusted position on the first mentioned axis.



2,104,737
NEWSPAPER PRINTING PRESS
Edmund W. Dean, Battle Creek, Mich., assignor to Duplex Printing Press Company, Battle Creek, Mich., a corporation of Michigan
Original application June 4, 1934, Serial No. 729,013. Divided and this application April 5, 1935, Serial No. 14,910
7 Claims. (Cl. 101—220)

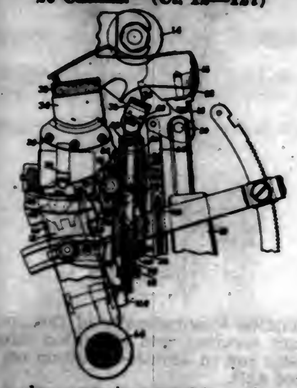


1. In a printing press unit of the character specified, a supporting frame having a plating side member provided with a standard on its top, castings attached to opposite sides of said standard, journal boxes in said castings, and impression cylinders journaled in said boxes, plate cylinders, and castings attached to the first mentioned castings and having depending portions with enlarged circular heads in which the adjacent trunnions of the plate cylinders are journaled.

2,104,738
BISMUTH ALLANTOINATE AND PROCESS OF MAKING IT
William H. Engels, Rahway, and Gustav A. Stein, Elizabeth, N. J., assignors to Merck & Co. Inc., Rahway, N. J., a corporation of New Jersey
No Drawing. Application December 12, 1936, Serial No. 116,646
4 Claims. (Cl. 260—11)

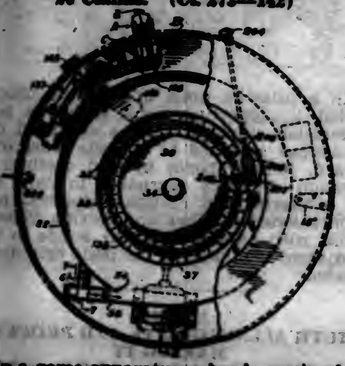
1. As a new product suitable for therapeutic purposes, bismuth allantoinate.

2,104,739
MACHINE FOR PEENING THE BOTTOMS OF SHOES
Andrew Eppler, deceased, late of Lynn, Mass., by Ella P. Eppler, executrix, Lynn, and James P. Frederickson, Wellesley, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application September 10, 1936, Serial No. 100,158
20 Claims. (Cl. 12—137)



1. In a shoe-pressing machine, the combination with means for pressing the bottom of a shoe, of means for supporting the shoe at the heel end and at the forepart in the pressing operation, an additional support for the shoe between the heel end and the forepart movable to a position determined by the shoe by pressure of the shoe on said additional support, and means for forcing said additional support more firmly against the shoe after it has been thus positioned by the shoe.

2,104,740
GAME APPARATUS
Clifford F. Evans, Los Angeles, Calif., assignor to Gordon Novelty Company, Los Angeles, Calif., a corporation of California
Application January 23, 1937, Serial No. 122,000
20 Claims. (Cl. 273—142)



1. In a game apparatus, a bowl, a pair of disks mounted for rotation within said bowl, said disks being arranged one above the other, there being a row of perforations formed in the upper disk adjacent its edge, a motor for imparting rotary motion to the lower disk, the upper disk being mounted for vertical movement relative to the lower disk, and driving connections between the two disks, which driving connections are in engagement when the upper disk is in its lowered position.

2,104,741
PROCESS FOR HALOGENATION OF MATERIALS
Colin G. Fink, New York, N. Y.
Application October 25, 1935, Serial No. 46,816
8 Claims. (Cl. 75—112)



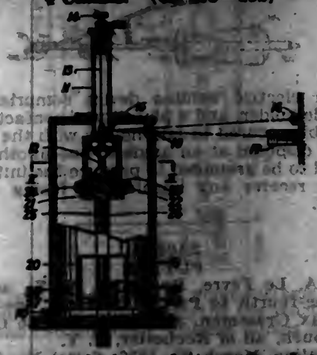
1. The process of halogenating materials in a vessel having a metal reacting with a halogen at relatively low temperatures but not at operating temperatures, which comprises heating such metal and the charge to above said reacting temperatures and then introducing the halogen as a gas to react with the charge.

2,104,742
TOY
Curt Hermann Fleischer, Wethersfield, Conn.
Application September 16, 1935, Serial No. 40,800
5 Claims. (Cl. 46—23)



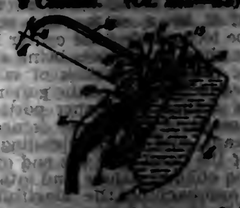
1. Interlocking building material for miniature toys such as doll houses, furniture, castles, bridges, and so forth, comprising a plurality of bars provided in their longitudinal edges with oppositely disposed notches extending at a right angle to the median line of the bars, of such width as to receive any other bar which may be inserted edgewise therein, the bars having their end edges perpendicular to the side edges and provided with oppositely disposed notches coinciding with the median line of the bars and of the same depth as the notches in the side edges and adapted to receive any other bar which may be inserted edgewise therein so that the bars may be keyed together to form siding, roofing, walks, chairs and the like, in combination with similar bars provided with beveled ends and notches formed in the ends normal to the bevel, there being other notches formed in the longitudinal edges similar in shape, in depth, and in angular inclination to the notches in the first named bars, the beveled ends permitting of the bars being butted end to end and slope or diverge from each other for building gables and other articles where the units will extend in the form of a V relative to each other, the notches in the beveled ends of the second named bars permitting the first named bars being received edgewise therein to key all of the bars together.

2,104,743
METHOD OF CORRELATING SUBSURFACE STRATA
Henry N. Barnes, Berkeley, Calif., assignor to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware
Application January 23, 1937, Serial No. 122,187
4 Claims. (Cl. 175—183)



4. The method of correlating subsurface strata which comprises the steps of measuring the magnetic properties of samples from a series of otherwise unidentifiable strata and comparing the values thus found with values of magnetic properties of samples from a second series of strata so that strata common to both series may be identified.

2,104,744
POURING SPOUT CONTAINER
John M. Rothersall, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application September 15, 1934, Serial No. 744,239
9 Claims. (Cl. 222—83)



1. A container comprising a nozzle having inner and outer concentric walls adjacent its rim edge, a pouring spout removably engaged with said nozzle, said spout comprising a pouring lip and spout body, the latter being formed with spaced inner and outer concentric walls, the former having frictional engagement inside of said nozzle when the pouring spout is engaged to the container, and resilient means associated with said outer concentric spout wall for engaging outside of said nozzle adjacent its rim edge to hold the spout in position for pouring.

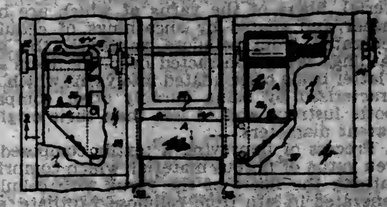
2,104,745
ROCKING BED [illegible]
Harry M. Newell, Richard H. Hastings, and Clarence E. Gardner, Kansas City, Mo., assignors, by direct and mesne assignments, to Clyde Leavenpaul, trustee, Kansas City, Kans.
Application April 29, 1936, Serial No. 74,820
2 Claims. (Cl. 155—35)

1. A hospital bed having head and foot ends and rockingly mounted intermediate its ends for swinging its ends in relatively wide arcs, an oscillating driven lever, a link connecting said lever to the bed for rocking the latter, means for longitudinally extending the link to adjust the angular



relation of the head and foot ends of the bed with respect to the horizontal, and means to shift the point of connection between the link and the rocking lever to vary the amplitude of rocking movement imparted to the bed.

2,104,746
DEVICE FOR ANCHORING INKING RIBBONS TO SPOOLS
Carl J. Hueber, Cleveland Heights, Ohio, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware
Application June 28, 1935, Serial No. 28,506
19 Claims. (Cl. 242—74)

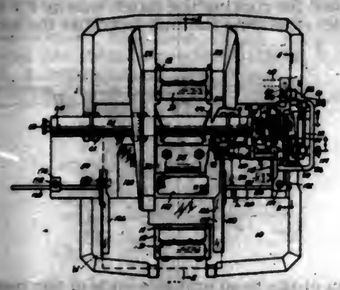


1. A spool having a cavity and a slot connecting it with the exterior, the edge of the slot on one side registering with the side wall of the cavity, the edge of the slot on the other side overhanging the cavity to provide a ledge, a lip at the surface of the spool leading from the side of the cavity where the wall registers with the slot and projecting circumferentially toward the opposite side of the cavity, there being a recess in the body of the spool intersecting the ledge and extending opposite the lip, combined with a ribbon having a head with an intermediately located offset therein and a tongue extending from the offset, the offset coacting with the lip of the spool and the tongue of the head coacting with the recess of the spool.

2,104,747
LISTING MECHANISM FOR ADDRESSING MACHINES
Carl J. Hueber, Cleveland Heights, Ohio, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware
Application February 25, 1936, Serial No. 65,986
25 Claims. (Cl. 101—47)

1. In a listing mechanism, the combination for means for making successive impressions on a

detached sheet, means to advance the sheet once for each impression made thereon, and a roller



and gripping means associated therewith to receive the impressed sheet and roll it up.

2,104,748
CRISP SHEER FABRICS AND PROCESS OF MAKING SAME
Harold I. Huey, Saylesville, and William W. Russell, East Providence, R. I., assignors to Sayles Finishing Plants, Inc., Saylesville, R. I., a corporation of Rhode Island
No Drawing. Application February 28, 1934, Serial No. 713,418
6 Claims. (Cl. 8—30)

2. A sheer fabric comprising cellulose fibrous material, fibers of the yarns of which are held together and coated by sheathings of cellulose regenerated from cellulose xanthate, the said sheathings being contracted over the fibers and the latter being consolidated into yarns which are characterized by being durably crisp, compact, smooth, lustrous and of less than their original apparent diameters.

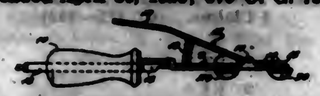
5. Process of improving a textile composed of woven yarns of fibrous material, which comprises sheathing the fibers of the yarns with cellulose regenerated in situ from cellulose xanthate, and subjecting the so-sheathed product to mercerization treatment while the same is under tension.

2,104,749
WELDING APPARATUS
James L. Jones, Washington, D. C.
Application November 2, 1935, Serial No. 48,961
2 Claims. (Cl. 219—4)
(Granted under the Act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. Apparatus for welding comprising a pair of electrodes; a circuit for supplying electric energy to said electrodes; and delayed action means controlled by the temperature of said electrodes for interrupting said circuit a predetermined time interval after welding temperature is reached.

2,104,750
WELDING APPARATUS
James L. Jones, Washington, D. C.
Application November 6, 1935, Serial No. 48,847
6 Claims. (Cl. 219—8)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



5. An electric welding device comprising an electrode holder, and a plurality of contact plates removably secured to said holder with the planes thereof disposed at an angle to one another and adapted to be grounded to produce the initial arc and to receive any burning or fusing caused thereby.

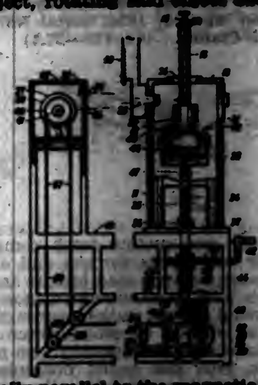
2,104,751
PUTTEE
Ralph A. Le Fevre, Rochester, N. Y., assignor of one-fourth to Parker E. Trout, one-fourth to Max Grossman, and one-fourth to Clayton D. Roush, all of Rochester, N. Y.
Application March 27, 1936, Serial No. 71,191
3 Claims. (Cl. 36—3)



1. A puttee for covering the lower leg, comprising a lower portion constituting a gaiter and adapted to cover the upper portion of the foot, said gaiter portion being made of two pieces joined together by a seam, said seam being adapted to be located over the center line of the instep of the shoe, said pieces being sprung upwardly along the lower portion of said seam, a band attached to one side of the gaiter and having a curved outline, the upper portion of said band being made of two pieces joined together by a long seam, said seam extending from the inner edge of the band near the end of the band and extending obliquely along and into said band to a point approaching the longitudinal midpoint of the band, and being sprung across said seam, said band being adapted to be wrapped around the leg up to and including the calf of the leg, and means for fastening the upper portion of the puttee in place on the calf of the leg.

2,104,752
METHOD AND MEANS FOR DETERMINING MAGNETIC POLARITY
Edward D. Lynton, Glendale, and Henry N. Herrick, Berkeley, Calif., assignors to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware
Application January 25, 1937, Serial No. 123,164
10 Claims. (Cl. 175—182)

1. A method of determining the magnetic polarity of a body of weakly magnetized material having a generally known magnetic axis arrangement, comprising the steps of placing said body within the influence of a magnetic system of known magnetic characteristics in such a position that the magnetic lines of force of the known magnetic system are substantially at right angles to the magnetic lines of force of the weakly polarized object, rotating said object about an axis



substantially parallel to the magnetic axis of said magnetic system, and measuring the reaction between the two magnetic systems during said rotation.

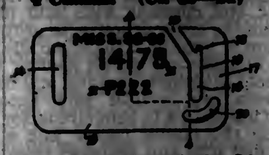
2,104,753
LOCAL ANESTHETIC
Randolph T. Major, Plainfield, N. J., and Albert R. Reese, Pittsburgh, Pa., assignors to Merck & Co., Inc., Rahway, N. J., a corporation of New Jersey
No Drawing. Application November 14, 1934, Serial No. 752,949
6 Claims. (Cl. 260—465)

1. A phenyl-α-naphthyl carbamic acid alkylamine ester.

2,104,754
PROCESSES FOR THE MANUFACTURE OF COMPLEX METALLIC SALT
Daniel W. Marsh and Benjamin H. Marsh, Oakland, Calif.
No Drawing. Application November 30, 1935, Serial No. 52,196
14 Claims. (Cl. 23—93)

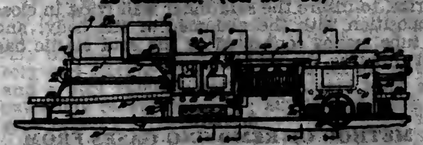
1. The process of making complex metallic salt which comprises reacting soluble cupric salts of the class consisting of the sulphate, chloride and nitrate with ammonia in aqueous solution added to alkalinity to form a suspension of insoluble copper salt in chemical combination with ammonia, and reacting said suspension with metallic copper and oxygen-containing gases.

2,104,755
COMBINATION COTTON TIE BUCKLE AND IDENTIFICATION TAG
Ruth Maxine, and Oliver H. Kemp, deceased, late of Memphis, Tenn., by Ruth Maxine, executrix, Memphis, Tenn., assignors to Ruth Maxine George, Vicksburg, Miss.
Application January 25, 1934, Serial No. 708,313
4 Claims. (Cl. 40—21)



1. A combination cotton tie buckle and identification tag comprising an elongated metal plate having at opposite ends thereof parallel transverse slots, said slots being widely spaced to leave a relatively large face between them for the reception of identifying characters, said plate having a slit leading to a side edge of the plate from one of said slots and defining a hook in the respective end, said last-named slot at one end intersecting the overhanging portion of the hook, and an arcuate reinforcing rib concentric with the other end of said slot, substantially as set forth.

2,104,756
METAL REMOVING MACHINE
Aleksandr Oberhoffner, Rockford, Ill., assignor to The Ingersoll Milling Machine Company, Rockford, Ill., a corporation of Illinois
Application June 2, 1934, Serial No. 728,709
13 Claims. (Cl. 29—33)



1. A machine tool comprising, in combination, an elongated base, a plurality of work fixtures mounted in spaced relation along said base and adapted to support a series of like work pieces respectively in different angular positions, a tool head mounted on said base for movement in a unidirectional cutting stroke successively into operative relation with said fixtures to perform similar metal removing operations on different surfaces of said work pieces, and drive means for reciprocating said tool head first in said cutting stroke through a series of rapid approach and feed movements for each fixture and then in a continuous rapid traverse return stroke.

2,104,757
INSECTICIDE SPRAY
Walter C. O'Kane, Durham, N. H.
No Drawing. Application May 31, 1934, Serial No. 728,497
10 Claims. (Cl. 167—43)

1. As an insecticidal agent, a substantially non-aqueous combination of an oil selected from the class consisting of vegetable and animal oils, a contact insecticide selectively soluble in said oil, and an emulsifying agent soluble in said contact agent in proportions to give an unstable dispersion in water.

2,104,758
METHOD AND APPARATUS FOR CONTROLLING THE DISTRIBUTION AND PRESSURE OF CERTAIN HUMAN BODY FLUIDS AND CONTENTS
John R. Pepper, United States Navy
Application March 13, 1936, Serial No. 68,422
4 Claims. (Cl. 128—96)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In a device of the character described, an inelastic band adapted to embrace the body over the abdominal region; fastening straps longitudinally attached to the said band for securing the same about the body; perineal straps attached to the said band and downwardly suspending, and of such length as to extend to and engage with the rear section of the said band; an elastic bag attached to the inner surface of the said band, the said elastic bag having two

walls, an inner wall and an outer wall, the said outer wall secured against the inner side of the said band, and the said inner wall being connected with the said outer wall by bellows-like



strips, to insure the said inner wall lying in close apposition with the abdomen of the body; and a tube means connected to the said elastic bag for inflating the said bag.

2,164,759

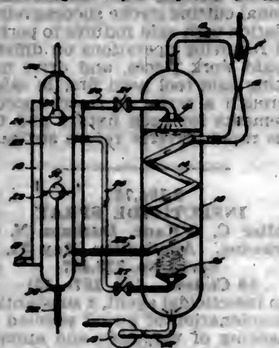
METHOD OF REMOVING GASES FROM LIQUIDS

Bo Folke Randel, San Diego, Calif.

Application February 10, 1936, Serial No. 63,173

6 Claims. (Cl. 183—2.5)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. The method of removing absorbed gases from a liquid in which they are in solution comprising vaporizing a non-miscible fluid and passing the same in diffused form through the liquid to absorb the dissolved gases, entraining the vaporized fluid and liberated gases in a jet of vaporized liquid, condensing the vapor and vaporized liquid and stratifying the same, vaporizing the condensed non-miscible fluid and passing the same again through said solution.

2,164,760

PLASTIC MATERIALS

Archibald Renfrew, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application November 22, 1935, Serial No. 51,172. In Great Britain September 17, 1934

6 Claims. (Cl. 260—2)

1. Process of polymerizing methyl methacrylate which comprises carrying out the polymerization reaction in the presence of a polymerization catalyst and a polymerization inhibitor.

2,164,761

WELDING AND CUTTING TORCH

Carl R. Richter, Schenectady, N. Y.

Application April 8, 1936, Serial No. 73,291

5 Claims. (Cl. 158—27.4)



1. A welding and cutting torch comprising a tip, a handle and inlets for gas and oxygen, a mixing chamber between said handle and tip, an oxygen supply tube longitudinally disposed in said chamber having lateral outlet openings, a plurality of gas supply openings communicating with said chamber and disposed in an intersecting direction with said outlet openings, and a baffle in said chamber restricting the outlet passage thereof, said baffle comprising a substantially conical shaped casing surrounding said tube and having an opening at its small end through which said tube extends and through which the mixed gases pass, and a spreader on the extending end of said tube, said spreader overlying the open end of said baffle.

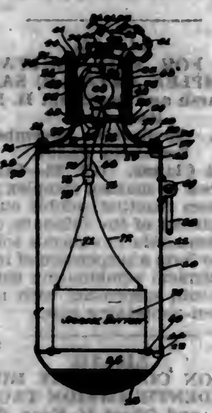
2,164,762

SAFETY WATER LIGHT

William B. Risor, Cincinnati, Ohio

Application June 2, 1936, Serial No. 83,113

4 Claims. (Cl. 177—329)



3. A safety water light comprising a closed buoyant weighted housing, a source of electrical energy within the housing, electrical illuminable means above and supported from the housing, means supported from the top of the housing encompassing and coacting with said illuminable means, when the latter is active, to provide a concentric beam of light on a plane parallel with the water, an illuminating circuit leading from said source to said illuminable means, and means suspended from and within said encompassing means and interposed in said circuit for normally maintaining the circuit closed, and a shiftable part extended into and operated from the exterior of said encompassing means for opening said circuit.

2,164,763

SPRAYING DEVICE AND REFILL FOR SAME

William A. Reeber, Lynbrook, N. Y.

Application January 23, 1937, Serial No. 121,662

4 Claims. (Cl. 239—58)



1. A spraying device of the class described comprising a rear header, having means for connecting it to a source of water supply, a front header, a stepped cylinder connected between the said headers with its large end connected to the rear header; a stopper removably disposed in the front header; an open-ended refill tube, containing the spraying material to be mixed with the water passing through the device, inserted in the small cylinder with its front end secured in said stopper, the stepped piston operatively disposed in the large cylinder and with its small end engaged in the refill tube, a passage formed transversely through the stopper; an orifice formed in the rear of the stopper through which the material from the tube is extruded; a by-pass leading from the rear header to the front header for carrying water through the passage in the stopper to mix with the material extruded from the refill tube by the action of the piston; and a nozzle for discharging the solution from the device.

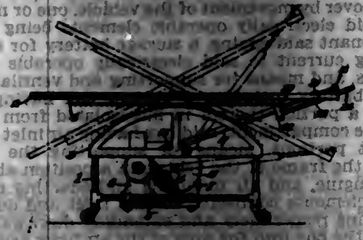
2,164,764

ROCKING PLATFORM FOR THERAPEUTIC TREATMENTS

Clarence E. Sennett, Detroit, Clarence and Harry H. Howell, Kansas City, Mo., assignors, by direct and mesne assignments, to Clyde Lonergan, trustee, all of Kansas City, Kans.

Application July 22, 1935, Serial No. 32,550

2 Claims. (Cl. 128—33)



1. In apparatus for therapeutic treatment, a base frame and an oscillatory bed frame superimposed upon the base frame for oscillatory movement thereon, a toggle connection between one end of the bed frame and the corresponding end of the base frame, the toggle comprising two arms pivotally jointed together at their adjacent ends, a motor-driven shaft, a crank-pin actuated for circuitous travel by and around the axis of the shaft, and a pitman pivoted at one end to the wrist pin and at the other end to the arm of the toggle directly attached to the bed frame and at a point on said toggle at the opposite side of the joint thereof from the point of attachment of the toggle to the bed frame.

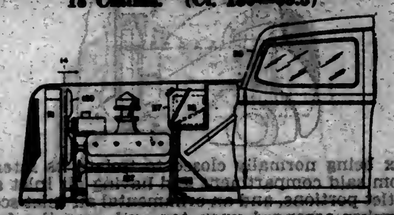
2,164,765

BATTERY INSTALLATION

Walter S. Saunders, Pontiac, Mich., assignor to The American Forging and Socket Company, Pontiac, Mich., a corporation of Michigan

Application February 20, 1936, Serial No. 64,909

18 Claims. (Cl. 136—93.5)



18. In a battery installation for motor vehicles, the combination with the motor hood, radiator and radiator-cooling fan of a vehicle, of a battery beneath the hood, a box receiving the battery and having an air inlet and an air outlet, and a duct communicating with said inlet and extending forwardly in the air delivery path of said fan.

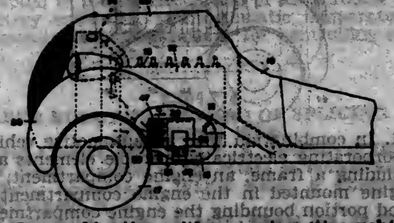
2,164,766

STORAGE BATTERY INSTALLATION

Walter S. Saunders, Pontiac, Mich., assignor to The American Forging and Socket Company, Pontiac, Mich., a corporation of Michigan

Application August 21, 1936, Serial No. 97,200

14 Claims. (Cl. 136—93.5)



1. In combination with an automotive vehicle incorporating electrically operable elements and having an engine compartment and an outside panel defining at least one wall of said compartment, said engine compartment having an engine therein which develops heat during operation, one or more of said electrically operable elements being appurtenant said engine, a storage battery for supplying current to said electrically operable elements, supporting means for said battery, box projecting from the outside of said panel and having air inlet portions upon the outside thereof for inducing a ventilating draft through the box, said box having a cover removable from inside the compartment.

2,164,767

STORAGE BATTERY INSTALLATION

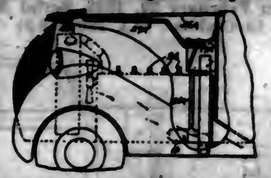
Walter S. Saunders, Pontiac, Mich., assignor to The American Forging and Socket Company, Pontiac, Mich., a corporation of Michigan

Application August 21, 1936, Serial No. 97,210

4 Claims. (Cl. 136—93.5)

1. In combination with an automotive vehicle incorporating electrically operable elements and having a frame, an engine mounted in the frame, one more of said electrically operable elements being arranged appurtenant the engine, hood-like enclosing means defining a compartment for the

engine, a storage battery for supplying current to said electrically operable elements, and means for supporting and ventilating the battery including a battery box having at least one wall bounding a portion of said engine compartment, said



box being normally closed to isolate its interior from said compartment and having air inlet and outlet portions, and an ornamental air inlet scoop member arranged upon top and near the front of said hood-like enclosing means and connected to said inlet portion of the box.

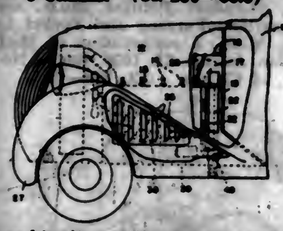
2,104,768

STORAGE BATTERY INSTALLATION

Walter S. Saunders, Pontiac, Mich., assignor to The American Forging and Socket Company, Pontiac, Mich., a corporation of Michigan

Application August 21, 1936, Serial No. 97,211

3 Claims. (Cl. 180—68.5)



1. In combination with an automotive vehicle incorporating electrically operable elements and including a frame, an engine compartment, an engine mounted in the engine compartment, a hood portion bounding the engine compartment, a mudguard lying beside and outside said hood portion and engine compartment, one or more of said electrically operable elements being appurtenant the engine, a storage battery for supplying current to said electrically operable elements, and means for supporting and ventilating said battery including a box arranged adjacent the engine and substantially enclosing the battery, the box having air inlet and outlet portions, and means for introducing air into the box including forwardly directed air-scooping means arranged in said hood portion beneath the mudguard and substantially below the box, and an air inlet conduit extending upwardly from said air scooping means to the box.

2,104,769

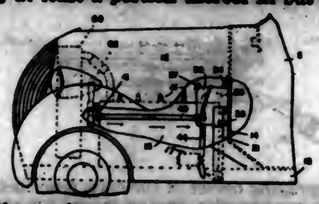
STORAGE BATTERY INSTALLATION

Walter S. Saunders, Pontiac, Mich., assignor to The American Forging & Socket Company, Pontiac, Mich., a corporation of Michigan

Application August 21, 1936, Serial No. 97,212

6 Claims. (Cl. 180—68.5)

1. In combination with an automotive vehicle incorporating electrically operable elements and including a frame, an engine compartment, a passenger compartment, an engine, radiator, and air circulating fan in the engine compartment, one or more of said electrically operable elements being appurtenant said engine, a storage battery for supplying current to said electrically operable elements, and means for supporting and ventilating said storage battery including a battery box having at least a portion thereof in but isolated



from the engine compartment, said box having air inlet and outlet portions, and means defining a passage connected to the inlet portion and opening directly behind the fan, to direct into the box a part of the blast of the fan.

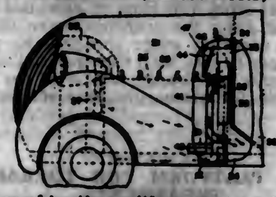
2,104,770

STORAGE BATTERY INSTALLATION

Walter S. Saunders, Pontiac, Mich., assignor to The American Forging & Socket Company, Pontiac, Mich., a corporation of Michigan

Application August 21, 1936, Serial No. 97,213

4 Claims. (Cl. 180—68.5)



1. In combination with an automotive vehicle incorporating electrically operable elements and including a frame, an engine compartment through which movement of the vehicle tends to induce an air blast, an engine in the engine compartment, means for cooling the engine including a fan arranged to induce an air blast thereover in the same direction as air is induced to flow thereover by movement of the vehicle, one or more of said electrically operable elements being appurtenant said engine, a storage battery for supplying current to said electrically operable elements, and means for supporting and ventilating said battery including a battery box having at least a portion thereof in but isolated from the engine compartment, said box having air inlet and outlet portions, means for supporting the box from the frame of the vehicle in a position above the engine, and air inducting and educting conduit elements connected to said inlet and outlet portions respectively and extending downwardly from the box into the area of the air blast around the engine, the inducting conduit element projecting below the engine and opening forwardly with respect to such air blast, and the educting conduit element opening rearwardly with respect to such air blast.

2,104,771

STORAGE BATTERY INSTALLATION

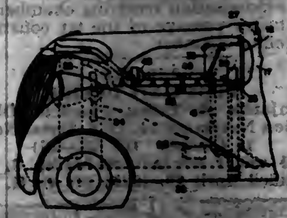
Walter S. Saunders, Pontiac, Mich., assignor to The American Forging & Socket Company, Pontiac, Mich., a corporation of Michigan

Application August 21, 1936, Serial No. 97,214

5 Claims. (Cl. 180—68.5)

1. In combination with an automotive vehicle incorporating electrically operable elements and

including a frame, an engine compartment, an engine located in said engine compartment, one or more of said electrically operable elements being appurtenant the engine, a cooling radiator and engine driven fan for dissipating the excess heat of the engine, a storage battery for supplying current to said electrically operable elements, and ventilated supporting means for said battery comprising a battery box having at least a portion in but constituting an enclosure distinct from



the engine compartment, said box having air inlet and discharge portions, and means for inducing a positive circulation of air through the box including a draft fan assembly connected to one of said portions and comprising a casing, a blower fan portion within the casing, a motor fan portion outside the casing and connected to the blower fan portion to drive the same, said motor fan portion being located in and operable by an air draft which normally occurs over a portion of the vehicle when in operation.

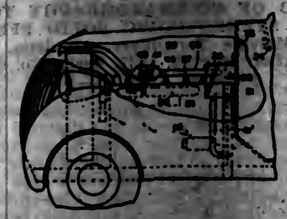
2,104,772

STORAGE BATTERY INSTALLATION

Walter S. Saunders, Pontiac, Mich., assignor to The American Forging & Socket Company, Pontiac, Mich., a corporation of Michigan

Application August 21, 1936, Serial No. 97,215

4 Claims. (Cl. 180—68.5)



1. In combination with an automotive vehicle incorporating electrically operable elements and including a frame, an (internal) combustion engine carried by the frame having an intake manifold within which reduced pressure exists during operation of the engine, one or more of said electrically operable elements being appurtenant said engine, a storage battery for supplying current to said electrically operable elements, and ventilated supporting means for said battery comprising a battery enclosure arranged near said engine and having air inlet and outlet portions including an air inlet conduit connected thereto and extending to and having an inlet opening located in a position to intercept air unheated by the engine, an electrically operable draft fan connected to one of said portions and adapted to induce circulation of air through the battery enclosure, and automatic temperature-responsive switching means for controlling said fan.

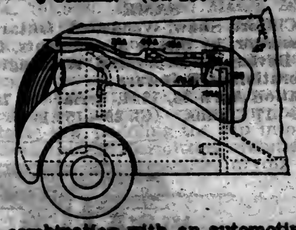
2,104,773

STORAGE BATTERY INSTALLATION

Walter S. Saunders, Pontiac, Mich., assignor to The American Forging and Socket Company, Pontiac, Mich., a corporation of Michigan

Application August 21, 1936, Serial No. 97,216

6 Claims. (Cl. 180—68.5)



1. In combination with an automotive vehicle incorporating electrically operable elements and including a frame, an engine mounted in the frame which develops waste heat during operation, one or more of said electrically operable elements being appurtenant the engine, a storage battery for supplying current to said electrically operable elements, switching means for controlling delivery of such current, and ventilated supporting means for said battery, comprising a battery enclosure located relatively close to the engine and having air inlet and outlet portions, air conducting means connected to the inlet portion and projecting to a position to intercept air unheated by the engine, an electrically operable draft fan connected to one of said portions and adapted to induce circulation of air through the battery enclosure, and automatic temperature-responsive switching means for controlling said fan.

2,104,774

PAPER ROLL AND METHOD OF SPLICING TO EXPIRING WEB

David J. Scott, Plainfield, N. J., assignor to David J. Scott, executor of the estate of Walter Scott, doing business as Walter Scott & Company, Plainfield, N. J.

Application June 12, 1935, Serial No. 26,306

12 Claims. (Cl. 242—58)



1. A roll of paper adapted for rotation on its axis and having an exposed leading end, a weakened area in said end, and means for connecting said weakened area to the body of the roll, for the purpose set forth.

7. The method of separating a web end, which is in connection with a web roll at a point on its leading edge, which consists in causing adherence of the web end to a running web, thereby tearing the web end beside the point of connection.

2,104,775

FIRE EXTINGUISHING LIQUID

Jay Lawrence Scot, Fairfield, Conn.

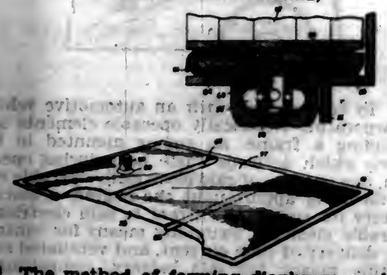
No Drawing. Application June 17, 1936, Serial No. 85,926

7 Claims. (Cl. 23—9)

2. A fire extinguishing liquid including a highly volatile non-combustible liquid substance, cellulose acetate mixed with said non-combustible

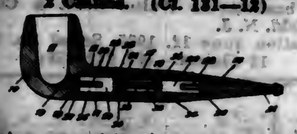
liquid, and an anti-freeze agent combined therewith, said cellulose acetate and anti-freeze agent combined being less than one-half of the total mass.

2,104,776
DIAPHRAGM AND METHOD OF MAKING SAME
William Clifford Shaw, Woodstock, Ontario, Canada, assignor, by mesne assignments, to Linderman Devices, Incorporated, Wilmington, Del., a corporation of Delaware
Application April 23, 1934, Serial No. 721,844
17 Claims. (Cl. 29—152.1)



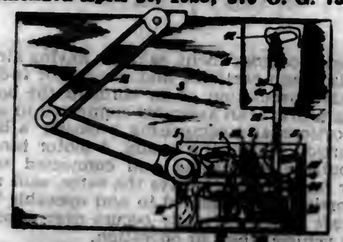
1. The method of forming diaphragms which comprises the steps of forming a metallic leaf with a transverse rib superimposing a second leaf on said first leaf and uniting said leaves peripherally to form a fluid chamber, bending both of said leaves simultaneously upon themselves along a line which was substantially the axis of said rib on the outside of the fold produced by bending the leaves upon themselves whereby a fluid passage around the fold is provided to form a communication between the different portions of the chamber formed by said leaves.

2,104,777
SMOKING PIPE
Frank Hedrekins Silvertherne, New York, N. Y.
Application July 6, 1935, Serial No. 30,669
2 Claims. (Cl. 131—12)



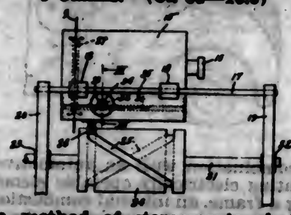
1. A pipe comprising a bowl having a shank, and a bit, the shank having a bore therethrough, said bore having a restricted opening at its inner end communicating with the bowl, a chamber, and an enlarged portion extending from the chamber to the outer end of the shank, said chamber having a diameter greater than that of the communicating passage and less than that of said enlarged portion, a trap positioned in the chamber, said trap comprising a cylindrical shell and a spout, said spout constituting a closure for one end of the shell and having an opening therethrough communicating with the interior of the shell, a tube extending through the opposite wall of the shell and in alignment with and fitting into the restricted opening of the bore, said bit having a communicating passage of small diameter at the mouth end thereof and of a larger diameter from an intermediate point in the length thereof to the opposite end of the bit, the diameter of the latter passage being greater than the external diameter of the adjacent end of the spout, said spout extending from the shell and projecting into the latter passage, said bit having a reduced portion fitting into the largest diameter portion of the shank bore and abutting the adjacent end of the shell, the communicating passage of small diameter in the bit having a tube fitted therein projecting into its adjacent and larger diameter communicating passage and spaced from the longitudinal walls thereof, said tubes and spout all being in alignment and spaced from each other whereby any liquids and precipitations in the smoke may be released from the smoke during its passage from the bowl to the tip of the bit, the shell constituting a condensation receiving chamber and the large diameter passage of the bit constituting a smoke cooling chamber.

2,104,778
PLOTTING DEVICE
Benjamin R. Talley, Fairfield, Ohio
Application November 24, 1936, Serial No. 112,500
14 Claims. (Cl. 33—30)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



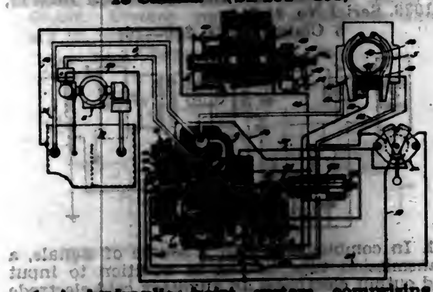
1. In combination with a plotting board, a support movable bodily over the board, means holding said support at a predetermined orientation for any position thereof on said board, stereoscopic means on said support for scanning graphic subject-matter on said board, and a plotting stylus carried by said support for tracing on said board the movement of said support.

2,104,779
METHOD OF CINEMATOGRAPHY TO PRODUCE STEREOSCOPIC SOLID EFFECTS
Ivan Melville Terwilliger, Altadena, Calif.
Application May 23, 1932, Serial No. 612,297
6 Claims. (Cl. 88—16.6)



1. The method of stereoscopic photography, which consists in photographing a series of images of foreground and background objects upon a single film strip with both foreground and background objects in focus, photographing a second series of images of the same objects on the same fixed optical axis at a distance from the objects differing by a foot or less from the first position, the second series of exposures being lesser in number than the number of exposures in the first series, with the foreground object in sharp focus, and the background out of focus, and reducing the images of the foreground object to a common coordinate size with the same images in the first series and intermingling the exposures of the first series and the second series.

2,104,780
HYDRAULIC HOISTING UNIT AND CONTROL SYSTEM THEREFOR
Harry F. Vickers, Detroit, Mich.
Application September 22, 1932, Serial No. 634,630
Renewed April 1, 1937
13 Claims. (Cl. 254—168)



1. A hydraulic hoist system comprising a source of pressure supply, a motor-pump unit for said hoist, directional control means, orifices through which liquid flows to and from said unit, and means responsive to the position of said control means for effecting a predetermined pressure drop across said orifices whereby to control the rate of movement during hoisting or lowering.

2,104,781
GAS PRODUCING AND SMOKE CONSUMING FIREBOX AND DOWN DRAFT KILN
William Edred Warwood, Toronto, Ontario, Canada
Application June 13, 1936, Serial No. 84,803
1 Claim. (Cl. 75—145)



In gas producing and smoke consuming fire boxes and down draft kilns, a kiln comprising a combustion chamber having an arched crown and air passages leading through the crown portion and through the side wall adjacent to the crown portion, a floor beneath the combustion chamber and having a series of flues leading to a common flue, a plurality of gas chambers partially within said combustion chamber and having vertical discharge therefrom, fuel inlets leading into said gas chambers, a plurality of coke tables within said gas chambers adapted to hold the fuel, ash outlets leading into said gas chambers, said gas chambers having arches adjacent to the fuel inlets in downward step formation and terminating in the vertical discharges.

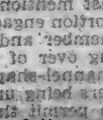
2,104,782
SULPHATED ESTERS OF POLYCARBOXYLIC ACIDS
James H. Werntz, Manchester, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 14, 1934, Serial No. 757,465
18 Claims. (Cl. 260—99.13)

13. A monosulphated ester of an aliphatic polycarboxylic acid having not more than 6 carbon atoms, said ester having the sulphate group attached solely to a carbon atom in the hydrocarbon residue of the acid.

2,104,783
MANUFACTURE OF POROUS BODIES
Maxwell L. Whitacre and Peter de Lacaw, Niagara Falls, N. Y., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
No Drawing. Application December 8, 1933, Serial No. 701,568. Renewed March 20, 1937
22 Claims. (Cl. 25—156)

1. In the method of making porous bodies which comprises forming a slip containing gas generating material and permanent ingredients including a catalyst for the gas generating material, the steps comprising forming the ingredients into a stable slip, puddling the slip into a mold, unstabilizing the slip, permitting evolution of gas to swell the slip, and thereafter drying the slip.

2,104,784
ELECTRON DISCHARGE DEVICE
Erich Wiegand, Berlin-Waidmannslust, Wilfried Meyer, Birkenwerder, near Berlin, and Hans Pulfrich, Berlin-Wilmersdorf, Germany, assignors to Allgemeine Elektricitäts Gesellschaft, Berlin, Germany, a corporation of Germany
Application November 14, 1935, Serial No. 49,650
In Germany November 24, 1934
6 Claims. (Cl. 250—27.5)



1. In combination, an envelope insulating wall consisting of a higher metal oxide selected from the group consisting of titanium oxide, uranium oxide, or cadmium oxide and a ceramic insulating substance of the group consisting of quartz, magnesia, aluminum oxide or aluminum silicate, and a current conducting portion in said wall consisting of a lower oxide of the metal oxide selected from the first-mentioned group and one of said ceramic insulating substances.

2,104,785
VIBRATING ENDLESS SCREEN
Swan M. Akerson, Long Beach, Calif.
Application December 10, 1934, Serial No. 756,824
3 Claims. (Cl. 209—329)



1. A vibrating endless screen comprising a frame, a shaft journaled in said frame adjacent each end of the frame, sprockets on each of the shafts, chains encircling the sprockets, a plurality of screen panels, means at one edge of the screen panels attaching the same to the chains, the other edge of the screen panels overlapping the adjacent panel, said screen panels extending transversely of the frame to form an endless screen, drive means extending to one of the shafts, a vibrating frame engaging the upper reach of said chains, resilient supporting means for said vibrating frame, an off-balance shaft journaled on the first named frame, a sleeve surrounding the last named shaft, means journaling the last named shaft in the sleeve, a resilient

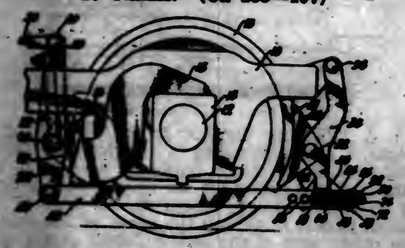
means attaching said sleeve to the vibrating frame, and means to rotate said shaft whereby the vibrating frame is vibrated.

2,104,786
ELECTRICAL CONNECTOR
Gustaf E. Andre, Richmond, Ind., assignor to Belden Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application March 23, 1936, Serial No. 70,194
4 Claims. (Cl. 173—332)



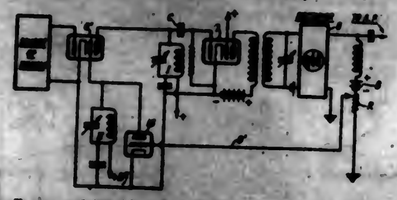
1. A contact element for an electrical connecter comprising an elongated, channel-shaped contact member, and a second elongated contact member positioned co-extensive therewith, said last mentioned member having a generally flat portion engaging one end of said channel-shaped member and securely affixed thereto by swedging over of the adjacent side portions of said channel-shaped member, said contact members being unconnected at the other end thereof to permit the contact with which said contact element is used to be moved therebetween, one of said engaging portions having a transversely extending rib or projection formed therein and the corresponding section of the other contact member having a similarly shaped, complementary recess or depression formed therein, these complementary portions cooperating during the assembling of said contact element, to securely affix the conductor with which said connecter is used thereto.

2,104,787
BRAKE SLACK ADJUSTER
Martin P. Stomberg, Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application January 15, 1937, Serial No. 120,653
16 Claims. (Cl. 188—197)



1. In a brake slack adjuster, the combination of a tension rod, a lever, a guide having a slot formed therein connected to the lever, a member slidably mounted in the slot, said tension rod being connected to said member, and an adjusting screw rotatably mounted within said guide, said screw being in threaded engagement with said member and being adapted when rotated to move said member in said slot.

2,104,788
AUTOMATIC FIDELITY CONTROL CIRCUIT
Rene A. Braden, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Original application July 29, 1933, Serial No. 682,742. Divided and this application June 17, 1936, Serial No. 85,644
8 Claims. (Cl. 250—20)



1. In combination with a source of signals, a transmission tube having in addition to input and output electrodes an auxiliary said electrode disposed in the electron stream to the anode, a circuit tuned to a desired signal frequency connected to the said output electrodes, said tuned circuit having a resonance curve characteristic of a predetermined shape, a reactive network tuned to said desired frequency connecting said auxiliary electrode and the tube cathode, an impedance in shunt with the reactive network, and means, responsive to variations in signal amplitude, for changing the magnitude of said shunt impedance thereby to control the effect of said reactive network on said characteristic shape.

2,104,789
HALOGEN SUBSTITUTED BUTADIENES AND PROCESS FOR PREPARING THEM
Wallace Hume Carothers, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 6, 1937, Serial No. 129,270
17 Claims. (Cl. 260—162)

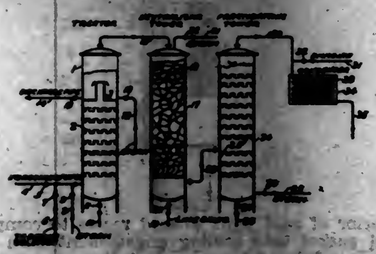
1. Process which comprises treating a halogen-4-butadiene-1,3 with an isomerization catalyst and isolating the resulting halogen-2-butadiene-1,3.

2,104,790
SYSTEM OF DERIVING DECORATIVE FINISHES ON ARTICLES OF MANUFACTURE
Lloyd V. Casto, Detroit, Mich.
Application July 31, 1935, Serial No. 34,634
31 Claims. (Cl. 41—36)



31. A decorative finish, comprising a ground color layer, a non-uniform layer containing pigment contrasting in operative effect with the ground color, a substantially transparent protective layer overlying the design, and a film adjacent one of said layers, thinner than the layer to which adjacent, said film containing a substantially uniform dispersion of lustering particles characterized by the property of imparting to the finish when illuminated and viewed from various angles a substantially uniform glowing appearance over relatively large areas of the subject without appearing to sparkle at any portion of such areas.

2,104,791
PROCESS OF TREATING HYDROCARBON OILS
Wallace A. Craig, Los Angeles, Calif., assignor to Vapor Treating Processes, Inc., Los Angeles, Calif., a corporation of California
Original application January 21, 1936, Serial No. 60,039. Divided and this application January 12, 1937, Serial No. 120,206
4 Claims. (Cl. 196—26)



1. In the process of refining hydrocarbon oil vapor by contact with aqueous maintained solution of a "heavy metal" salt selected from the group consisting of the chloride, bromide, sulphate, and nitrate of zinc, copper, cadmium, iron, chromium, manganese, aluminum, nickel and cobalt, at refining temperature, the improvement which comprises, modifying the temperature-vapor pressure-concentration relationship of said "heavy metal" salt solution sufficiently to refine the oil vapor, at required temperature and pressure, by adding thereto sodium chloride.

2,104,792
HIGH-FREQUENCY RESONANT SYSTEM
Alfred Crossley and Herbert E. Metcalfe, Chicago, Ill., assignors to Johnson Laboratories, Inc., Chicago, Ill., a corporation of Illinois
Application August 14, 1936, Serial No. 95,624
14 Claims. (Cl. 178—44)



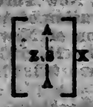
1. A selective high-frequency resonant system including three cooperating resonant circuits each having a capacitor and an inductor, said inductors being initially so mounted that their magnetic axes are mutually at right angles, one of said inductors being adjustable from its initial position to vary its coupling with the other two inductors, said other two inductors being so positioned that the direct inductive coupling between them is substantially zero.

2,104,793
PROCESS FOR BREAKING PETROLEUM EMULSIONS
Melvin De Groote, St. Louis, Mo., assignor to The Tret-O-Lite Company, Webster Groves, Mo., a corporation of Missouri
No Drawing. Application March 5, 1937, Serial No. 129,622
14 Claims. (Cl. 196—4)

1. A process for breaking petroleum emulsions of the water-in-oil type, which consists in subjecting the emulsion to the action of a demulsifying agent comprising a product obtained by a mild gaseous oxidation of a chemical compound, by means of a medium containing oxygen in chemically uncombined form; said chemical compound being characterized by the presence of a polybasic carboxy acid residue and an oxygen-convertible fatty acid residue, and by a residue selected from the class consisting of polyhydric alcohol residues and non-oxygen-convertible fatty acid residues.

2,104,794
PROCESS FOR BREAKING PETROLEUM EMULSIONS
Melvin De Groote, St. Louis, Mo., assignor to The Tret-O-Lite Company, Webster Groves, Mo., a corporation of Missouri
No Drawing. Application March 17, 1937, Serial No. 131,493
7 Claims. (Cl. 196—4)

1. A process for breaking petroleum emulsions of the water-in-oil type, which consists in subjecting the emulsion to the action of a cation-active, surface-active substance of the formula type:



in which Z represents any monovalent hydrocarbon radical having at least six carbon atoms; AA represents at least one hydrocarbon radical and not more than two hydrocarbon radicals which replace two hydrogen atoms of the sulphonium radical; said hydrocarbon radicals being selected from the class consisting of monovalent hydrocarbon radicals and divalent hydrocarbon radicals, with the proviso that the total valency value of AA shall be two; and X represents a non-surface active, negative radical or component; the total number of carbon atoms present in AAZ being not over thirty-five.

2,104,795
PROCESS FOR BREAKING PETROLEUM EMULSIONS
Melvin De Groote, St. Louis, Mo., assignor to The Tret-O-Lite Company, Webster Groves, Mo., a corporation of Missouri
No Drawing. Application June 21, 1937, Serial No. 149,474
12 Claims. (Cl. 196—4)

1. A process for breaking petroleum emulsions of the water-in-oil type, which consists in subjecting the emulsion to the action of a demulsifying agent comprising a high molecular weight polyether carboxy acid compound containing an acid radical, characterized by (a) being derived from an aliphatic polyhydric alcohol containing at least two carbon atoms and not more than four carbon atoms; (b) by the presence of at least one hydrocarbon radical having at least eight carbon atoms, said hydrocarbon radical being an aliphatic, cyclo-aliphatic, alicyclic, or aralkyl in nature; (c) said hydrocarbon radical being attached to an ether radical by means of an oxygen, sulfur, or nitrogen atom, or by means of a radical containing at least one of the said hetero atoms but said linkage still being through said hetero atom; and (d) the presence of at least two etheric oxygen atoms and by not more than three alkylene-oxy radicals directly attached to each other.

2,104,796

LUBRICATING OIL AND PROCESS FOR IMPROVING SAME

Melvin A. Dietrich, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application August 29, 1936, Serial No. 98,578
18 Claims. (Cl. 87—9)

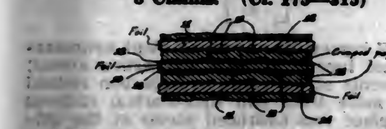
1. A lubricant comprising a lubricating oil having incorporated therein a small amount of a compound having a molecular weight of at least 800 selected from the oil-soluble polymerized acrylic and alpha-alkyl substituted acrylic acid esters of amino alcohols and oil-soluble long-chain fatty acid salts of polymerized acrylic and alpha-alkyl substituted acrylic acid esters of amino alcohols, in which the amino alcohols are N-aliphatic substituted mono-hydric amino alcohols devoid of substituents other than aliphatic hydrocarbon radicals.

2,104,797

ELECTRICAL CONDENSER AND SPACING STRIP THEREFOR

Aniello Di Giacomo, New York, N. Y., assignor to Condenser Corporation of America, Jersey City, N. J., a corporation of New York

Application February 15, 1935, Serial No. 6,637
8 Claims. (Cl. 175—315)



4. In an electrolyte cell, a pair of metallic foils serving as electrodes, at least one of which foils is of film forming material, a spacer between them comprising crimped paper, the pockets produced in said spacer by the crimping thereof being substantially parallel, and of lengths substantially less than the over-all dimension of the crimp of said spacer as measured parallel to said pockets, and an electrolyte carried within and upon said paper and filling in said pockets.

2,104,798

SPUN YARN FROM ARTIFICIAL STAPLE FIBERS AND METHOD OF MAKING SAME

Camille Dreyfus, New York, N. Y.

No Drawing. Application April 5, 1934, Serial No. 719,147
3 Claims. (Cl. 19—66)

1. Method of forming spun yarn, which comprises incorporating a weighting metal compound in short lengths or staple fibers containing organic derivatives of cellulose whereby the carding and drawing properties of said short lengths or staple fibers are greatly enhanced, associating said short lengths or staple fibers and spinning the same to form spun yarn.

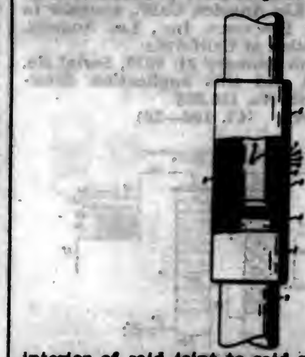
2,104,799

PACKING FOR PIPE JOINTS

Seth Evans, Houston, Tex.

Application December 20, 1935, Serial No. 55,405
4 Claims. (Cl. 285—146)

1. In a tool joint including one section having a threaded box member, and another section having thereon a tapered pin member threaded to engage with said box member, an annular recess formed at one end of said pin member, a seal ring shaped to fit within said recess and project slightly therefrom to contact with said box member when said members are screwed together, means to conduct pressure fluid from the



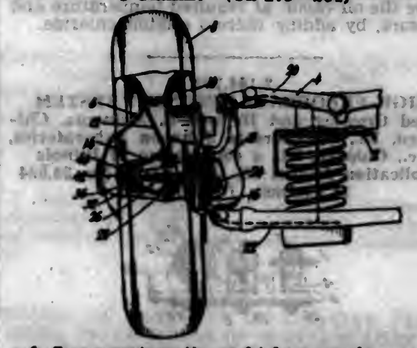
interior of said joint to said recess to compress said gasket into sealing engagement with said box member, and means to relieve pressure of fluid at the outer side of said ring.

2,104,800

RADIO STATIC ELIMINATOR

Levi R. Grandy and Harry C. Deane, Flint, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application June 3, 1935, Serial No. 24,630
3 Claims. (Cl. 175—264)



1. In an automotive vehicle, an axle, a wheel having a pneumatic tire rotatably supported on an insulating lubricating film thereon, a hub in the wheel, a cap fitting in the open hub end, a resilient member secured within the cap and carrying contact means bearing against the axle end to electrically connect by a low resistance path the wheel with the axle bypassing the lubricating film.

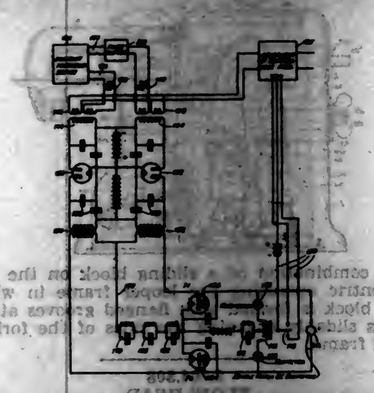
2,104,801

FREQUENCY CONTROL

Clarence W. Hansell, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Original application October 4, 1932, Serial No. 636,662. Divided and this application September 17, 1934, Serial No. 744,373
13 Claims. (Cl. 250—36)

1. The method of making a generator of controllable frequency substantially follow the frequency of a controlling source of substantially like frequency which includes combining two portions of energy from said controllable generator with two phase displaced portions from said source to produce a pair of phase displaced beats, the relative phases of which reverse when the frequency of said generator exceeds said source



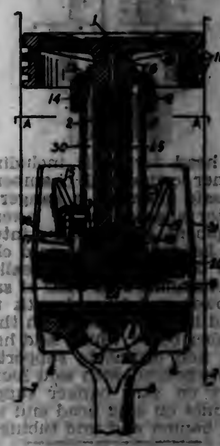
and vice versa, and, utilizing the reversals in phase of the beats produced when said beats exceed a predetermined substantial frequency, to alter the frequency of the generator so as to substantially correspond in frequency to the frequency of the controlling wave.

2,104,802

PNEUMATIC DIFFERENTIAL PISTON FOR INTERNAL COMBUSTION ENGINES

Einar H. Hansen, Chicago, Ill.

Application March 15, 1935, Serial No. 11,190
2 Claims. (Cl. 123—78)



1. The combination, in an internal combustion engine, of a working piston, and a second reciprocatory member, a dash-pot device comprising a pneumatic cylinder, a piston rod extending through one end of the cylinder and connected at one end to the working piston and at the other end to a double-acting piston adapted to reciprocate in said cylinder, and cooling means for said rod comprising a relief valve suitably disposed at one end of the piston rod.

2,104,803

PROCESS FOR SEPARATING HIGHER ALIPHATIC ALCOHOLS FROM AQUEOUS EMULSIONS

Clyde O. Henke, Wilmington, Del., and Howard M. Parmelee, Salem, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 4, 1935, Serial No. 364
11 Claims. (Cl. 87—28)

1. A process of breaking an aqueous emulsion which is formed by diluting with water the reaction mixture obtained in the sodium-alcohol reduction of a higher fatty acid ester and which contains a higher aliphatic alcohol, a soap, caustic soda, a hydrocarbon solvent, and water, which comprises admixing said emulsion with an amount of a hydroxylated aromatic compound of the benzene series which is stoichiometrically equivalent to only a small part of the alkali present in the emulsion.

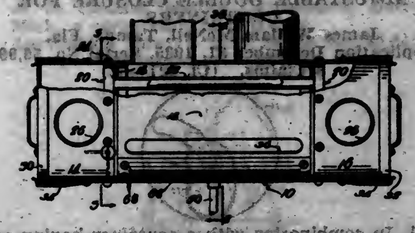
11. A process of breaking an aqueous emulsion which is formed by diluting with water the reaction mixture obtained in the alkali metal reduction of a higher fatty acid ester and which contains a higher aliphatic alcohol, a soap, caustic alkali, and water, which comprises admixing said emulsion with a small amount of a mixture of branched chain aliphatic acids having from eight to ten carbon atoms per molecule, said amount being stoichiometrically equivalent to only a small part of the alkali present in the emulsion.

2,104,804

HEAT CONSERVER AND HUMIDIFIER

Frank M. Hill, Walpole, Mass.

Application June 12, 1936, Serial No. 84,882
4 Claims. (Cl. 257—164)



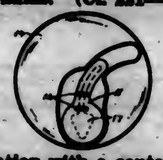
2. A heat saving device adapted to be installed in the smoke passage between the furnace and the chimney of a home heating system comprising a substantially horizontal casing, said casing having headers intermediate the ends thereof, a plurality of tubes, the ends of which are mounted in said headers forming passages for the hot flue gases between the inlet and outlet chambers at the opposite ends of the casing, said casing having a central chamber between the headers and surrounding the tubes, said central chamber having a cold air inlet at the lower side thereof and a warm air outlet at the upper side thereof, means for maintaining a supply of water covering a few of the tubes at the lower portion of the central chamber and means for controlling the passage of the hot flue gases through said tubes to control the rate of vaporization of the water.

2,104,805
SUNDAE PACKAGE
Frederick T. Krein, Park Ridge, Ill., assignor to Dixie-Vortex Company, a corporation of Delaware
Application October 9, 1933, Serial No. 692,718
2 Claims. (Cl. 99—137)



1. A packaged confectionery product, including in combination, a conical-like cup having walls sloping inwardly from the mouth thereof, the end of said cup opposite said mouth being closed, a flavoring medium in said cup adjacent the closed end, and a hardened confectionery mass on top of said flavoring medium filling said cup, said confectionery mass being molded by said cup into similar shape as said container, whereby when said cup and its contents are inverted and the closed tip of said cup is squeesed said mass will be discharged with said flavoring medium on top thereof in position to gravitate over the sloping walls of said mass to form a sundae.

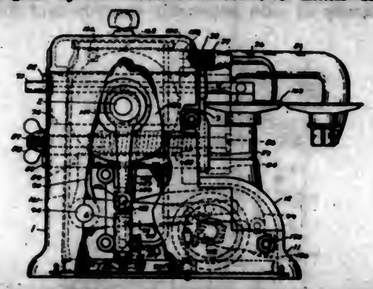
2,104,806
ADJUSTABLE DOUBLE CLOSURE FOR CONTAINERS
James William McNeil, Tampa, Fla.
Application December 31, 1935, Serial No. 56,997
8 Claims. (Cl. 221—63)



1. In combination with a container having an opening in the wall thereof, two closure members mounted to slide on opposite surfaces of the container wall from a position in which the opening is completely covered on both sides to a position in which said opening is at least partly uncovered.

2,104,807
SEWING MACHINE FOR FUR AND THE LIKE
Thomas C. Mladinich, New York, N. Y.
Application April 16, 1937, Serial No. 137,315
14 Claims. (Cl. 112—16)

1. In a sewing machine for fur, and the like, of the type having feed discs for holding the material, a needle bar operated by a needle bar yoke, a looper operated by a looper frame, a feed disc arm resiliently holding one of the feed discs, and a main driving shaft with suitable eccentrics and cams for operating the respective parts, and in which the looper frame is provided with a fork having flat surfaces positioned to be engaged by an eccentric on the main shaft;



the combination of a sliding block on the said eccentric operating the looper frame in which the block is formed with flanged grooves at the sides slidably engaging the sides of the fork of said frame.

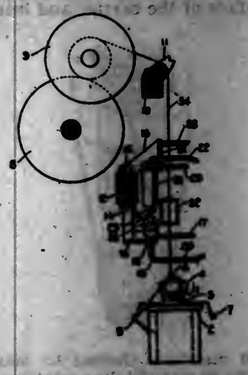
2,104,968
FLOW HEAD
Ralph Neuhaus and Fred C. Smith, Jr., Houston, and Lyle L. Payne, Midland, Tex., assignors to Hughes Tool Company, Houston, Tex., a corporation of Texas
Application April 27, 1936, Serial No. 76,498
3 Claims. (Cl. 166—14)



1. A flow head for wells including a tubing head, an inner cylindrical chamber therein, a shoulder in said chamber, a hanger of uniform outer diameter adapted to be lowered through control equipment of the same internal diameter as said head and to fit said chamber and be supported on said shoulder, sealing rings on said hanger engaging with walls of said chamber above the lower end to seal with the same, a flange on said hanger, a flange on the inner wall of said chamber below which said hanger flange may engage, and means to support the tubing in sealing engagement with said hanger, including slip jaws on said hanger supporting said tubing, a bonnet on said head and sealing rings between said bonnet and said tubing.

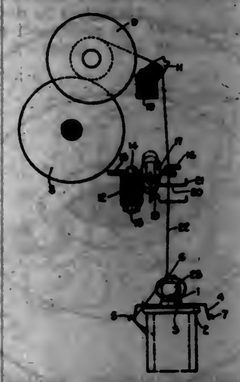
2,104,969
DEVICE FOR TWISTING YARN
Leslie James O'Dowd, Drummondville, Quebec, Canada, assignor to Celanese Corporation of America, a corporation of Delaware
Application April 24, 1936, Serial No. 17,944
3 Claims. (Cl. 117—96)

1. Apparatus for applying twist to yarn, comprising a rotating vertical spindle adapted to support a yarn supply package, a take-up package, means to rotate said package at a constant rate, a flyer adapted to assist in applying twist



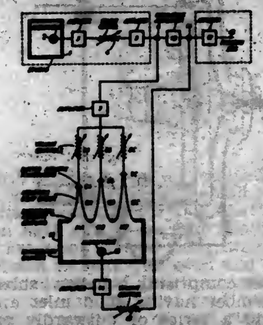
to the yarn, means for guiding the yarn through a constant path and means for guiding the yarn away from the axis of the flyer to relieve the tension in the yarn being wound on the take-up package.

2,104,810
MEANS FOR TWISTING YARN
Leslie J. O'Dowd, Drummondville, Quebec, Canada, assignor to Celanese Corporation of America, a corporation of Delaware
Application April 24, 1936, Serial No. 17,943
4 Claims. (Cl. 117—96)



1. Apparatus for twisting yarn comprising a rotating vertical spindle adapted to support a yarn package from which the yarn is drawn off, a winding device adapted to wind the yarn whereby twist is imparted to the yarn, a flyer for assisting the twisting of the yarn, a guide for the yarn between the winding device and said flyer and means including an arm pivoted at said guide for guiding the path of the yarn between the flyer and said guide adapted to respond to the actual tension on the yarn for diverting the yarn between said flyer and said winding device from a line passing through the axis of the yarn package.

2,104,811
VARIABLE ACOUSTICAL REVERBERATION SYSTEM
Arthur Pfister, Woodside, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application March 21, 1935, Serial No. 12,211
17 Claims. (Cl. 179—1)



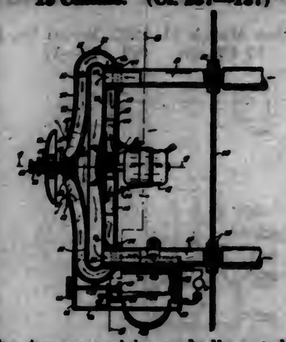
1. In a system for translating sound into characteristic electrical energy and for alternating the characteristics of the system electro-acoustically, an electrical circuit, means for deriving from a certain point in the electrical circuit a portion of said characteristic electrical energy, means for feeding said derived energy through an amplifier circuit to a plurality of electro-acoustical transducers, a plurality of tubes forming a plurality of acoustical delay circuits coupled to said transducers, each one of said tubes being of unequal lengths to give a variety of delay times unequally long with respect to each other and to any given point of the delay circuit.

2,104,812
NICKEL ANODE AND CONTAINER
William M. Phillips, Birmingham, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 17, 1935, Serial No. 31,845
4 Claims. (Cl. 204—4)



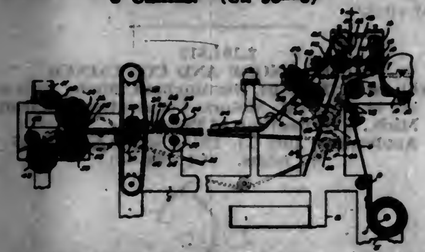
1. An anode comprising a box having apertured walls and an open top, a fabric bag fitting within said box, a conductor extending into said bag and through the bottom thereof and removably secured to the bottom of said box and fragmentary consumable anode material in said bag and contacting with said conductor.

2,104,813
HEAT EXCHANGER
Chester R. Pieper, La Crosse, Wis.
Application July 20, 1936, Serial No. 91,495
15 Claims. (Cl. 257—137)



1. A heater comprising a hollow, substantially discoidal member having fluid inlet and outlet openings and a series of outwardly projecting fins of substantially radial trend thereon, a jacket member mounted over said fins and with the discoidal member forming an air passage, and air inlet and outlet openings in said jacketing member.

2,104,814
PROCESS AND MACHINE FOR MAKING WINDOW BAGS
George W. Poppe, Brooklyn, N. Y., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y., a corporation of New York
Application August 6, 1936, Serial No. 94,586
3 Claims. (Cl. 93—8)



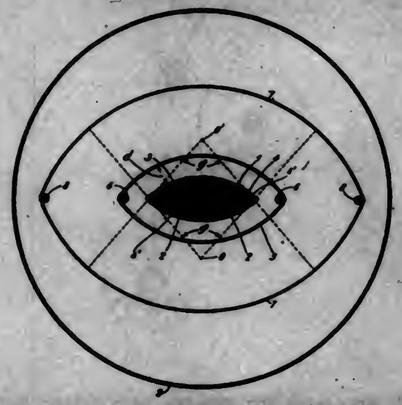
1. The method of making a window bag which consists in making cuts in a web of paper each cut defining an outline substantially one-half of the portion to be eliminated from the bag wall in the finished bag to form a window therein, folding the web to form a bag tube, severing the tube into bag sections and bottoming successive sections with the cut-out portions intermediate the ends of a bag section.

2,104,815
THREAD CARRIER DEVICE
Emil F. Richter and Joseph Earnest Garrett, Philadelphia, Pa., assignors to Artcraft Silk Hosiery Mills, Inc., Philadelphia, Pa., a corporation of Delaware
Application July 11, 1936, Serial No. 90,168
3 Claims. (Cl. 66—126)

1. In a yarn carrier of the character described, articulated upper and lower members, one of which has an offset section overlapping a section of the other member to provide a substantially flush front surface over which the yarn is fed, the adjoining flush surfaces of the members being respectively provided with yarn guide grooves in longitudinal continuation of one another, and spring biasing means disposed upon the rear surface of the carrier and interconnecting the said members thereof to maintain the same normally in straight-line relation while permitting deflection of the lower member relatively to the upper member should the carrier strike against an obstruction in the course of its travel.



2,104,816
ELECTRON DISCHARGE DEVICE
Horst Rothe, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application February 19, 1936, Serial No. 7,181
In Germany March 1, 1934
4 Claims. (Cl. 250—27.5)



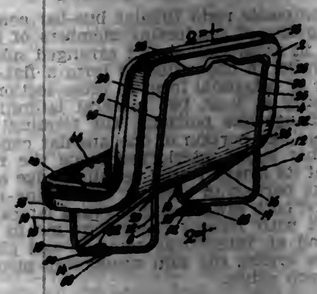
1. An electron discharge device having an envelope and containing a straight thermionic cathode, a grid and another electrode, said cathode, grid and other electrode being lenticular in a transverse cross section and defined by intersecting cylindrical surfaces, the surfaces on one side having one common center of curvature and the surfaces on the other side having another common center of curvature oppositely disposed to said one common center of curvature, side rods for supporting said grid and other electrode, said side rods lying in a plane passing longitudinally thru the intersections of said cylindrical surfaces.

2,104,817
PHOTOELECTRIC RELAY
Samuel Ruben, New Rochelle, N. Y.
Application February 7, 1936, Serial No. 62,727
2 Claims. (Cl. 250—27.5)



2. A relay comprising essentially a two-element device housed in a closed envelope, one element being a cathode having an electron emitting surface coated with a photo-sensitive substance and the other element being an anode thermally responsive to electron bombardment, said anode having a movable contact, and a fixed contact spaced adjacent said movable contact.

2,104,818
VEHICLE SEAT
Eric Olle Schjolin, Pontiac, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application December 31, 1935, Serial No. 56,934
3 Claims. (Cl. 155—179)



1. In a seat, a continuous length of tubing forming two legs and a support for the seat back, each leg being U-shaped and having the base of the U at the bottom and the support for the back being U-shaped and having the base of the U at the top of the seat, said length of tubing also comprising a forward member extending from one upright of the U-legs to the upright of the other U-leg and forming a transverse support, a pan forming a seat bottom and back mounted on and secured to the tubing and having its front end resting on the transverse support, the upper portion of said tubing being spaced from the back of said pan to form a robe rail, and a cushioning material adhesively secured to the pan to form a resilient seat and back.

2,104,819
ROLLER BORING DRILL
Robert W. Schlumpf and Ralph P. Sherman, Houston, Tex., assignors to Hughes Tool Company, Houston, Tex., a corporation of Texas
Application March 9, 1935, Serial No. 10,257
2 Claims. (Cl. 255—71)



1. A drill head, a forwardly inclined cutter shaft thereon, a cutter enclosing the end of said shaft, anti-friction bearings for said shaft acting also to retain said cutter on said shaft, a reduced forward extension on said shaft, an annular raceway recessed in said extension and a longitudinally divided ring of bearing material in said raceway, the end walls of said recess limiting longitudinal movement of said ring.

2,104,820
THREE-CUTTER DRILL
Floyd L. Scott, Houston, Tex.
Application December 20, 1935, Serial No. 55,371
6 Claims. (Cl. 255—71)

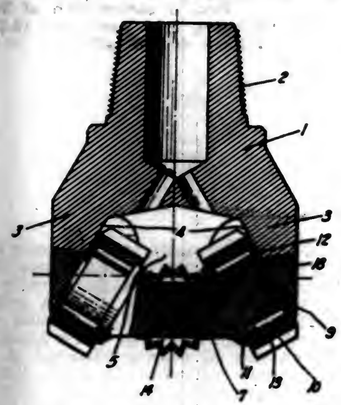


1. A well drill including a head, a threaded shank thereon, three forwardly extending legs thereon, downwardly and inwardly extending shafts on said legs, said shafts being supported only at their outer ends, annular cutters mounted on two of said shafts to cut the outer portion of the hole only, and a third cutter of elongated conical shape, enclosing the end of its shaft and the smaller end of which extends between the two annular cutters, a toothed point thereon extending past the center of the hole, said cutters being toothed and acting together to cut the full bottom of the hole.

2,104,821
CROSS ROLLER BIT
Floyd L. Scott and Nelson B. Berleth, Houston, Tex.
Application January 25, 1936, Serial No. 60,793
7 Claims. (Cl. 255—71)

1. A roller well drill including a head, two opposed pairs of forwardly extending legs on said head forming a cutter receiving recess between them, the inner faces of one pair of legs being inclined upwardly and inwardly, a bridge, upwardly and outwardly inclined cutter supports thereon, the end surfaces thereof flattened to come approximately flush with said inclined faces, side

cutters rotatable on said supports adjacent said faces, a cross roller shaft extending through said bridge and having its ends arranged approxi-



mately flush with the inner sides of the other pair of said legs, cutters on said cross roller shaft, and means engaging the ends of said shaft and bridge to secure the same integrally to said legs.

2,104,822
DRILL CUTTER
Floyd L. Scott, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a corporation of Texas
Substitute for abandoned application Serial No. 17,973, April 24, 1935. This application July 30, 1936, Serial No. 93,454
7 Claims. (Cl. 255—71)



1. A well drill, rolling cutters thereon positioned to cut the bottom and the side wall of the hole, teeth on said cutters the crests of which are of uniform width except at the outer ends, said outer ends of said crests being widened abruptly to provide a wide outer cutting area to bear against and cut the side wall of the hole.

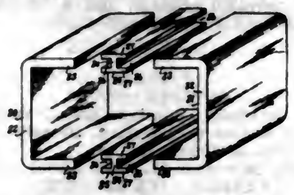
2,104,823
CUTTER FLUSHING DEVICE
Ralph P. Sherman, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a corporation of Delaware
Application June 11, 1937, Serial No. 147,745
5 Claims. (Cl. 255—71)

1. In a well drill, a head, a plurality of downwardly and inwardly inclined shafts thereon, a cutter on each of said shafts, said cutter being approximately conical in shape, but having an acutely tapered area adjacent to the base and a more obtusely tapered area adjacent to the apex, a fluid passage in said head for flushing fluid, and nozzles receiving fluid from said passage, one nozzle being directed approximately parallel to the acutely tapered area and the



other directed approximately parallel with the more obtuse area.

2,104,824
COMPOSITE BUS-BAR
Richard W. Shoemaker, Waterbury, Conn., assignor to The Chase Companies, Incorporated, Waterbury, Conn., a corporation
Application October 2, 1934, Serial No. 746,503
9 Claims. (Cl. 172—13)

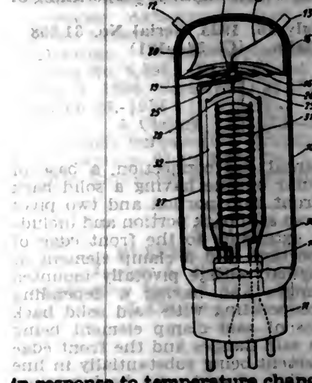


1. A composite rigid tubular bus-bar comprising a plurality of conducting-members of angular form in cross-section and arranged substantially parallel in opposition to form a flat-sided structure of polygonal form in cross-section and each having at least two integral laterally-extending flange-like portions; the terminal edge of a flange-like portion of one angular conducting-member being interlocked along the major portion of its length to the terminal edge of the flange-like portion of another conducting-member against both inward and outward lateral displacement with respect thereto by means of a groove and an interfitting tongue; and clamping-means urging the said conducting-members toward each other.

2,104,825
PHOTOELECTRIC RELAY
Terry M. Shrader, West Summit, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application September 28, 1934, Serial No. 745,905
6 Claims. (Cl. 250—27.5)

1. A photo-relay including an envelope containing an ionizable medium, and enclosing a pair of spaced cold electrodes between which a voltage may be applied just below that at which breakdown will occur between said electrodes, a photo-cathode within said envelope adjacent said electrodes to start ionization of said ionizable medium between said pair of electrodes

when said photo-cathode is exposed to a predetermined light intensity, one of said pair of electrodes comprising a material which expands



in response to temperature changes when ionization takes place, and a circuit opening and closing device connected with said one of said pair of electrodes to be controlled thereby.

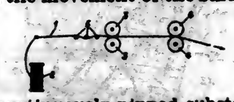
2,104,826
DETACHABLE SLEEVE FOR GARMENTS
Domenick Stramiello, Brooklyn, N. Y.
Application August 21, 1936, Serial No. 97,192
2 Claims. (Cl. 2—126)



1. A sleeve comprising a short sleeve portion having its outer edge portion bent inwards, a flexible strip of material disposed against the inner face of said bent in edge portion and attached at its inner edge on said edge portion, hook elements on the outer edge portion of said flexible strip of material and adapted to interengage complementary hook elements associated with an extension portion for said sleeve to make a full length sleeve, a covering strip of material disposed against the inner face of said flexible strip of material and attached at its inner edge and extending over the free edge of said flexible strip to the outer face thereof, fastening elements on said covering material, and coacting fastening elements on the outer face of said flexible strip for holding the covering strip releasably in position to be releasable to extend over complementary hook elements of said extension portion.

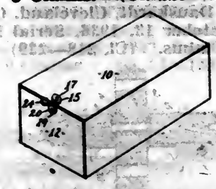
2,104,827
OPERATION FOR THE PRODUCTION OF STAPLE FIBER YARNS FROM CONTINUOUS FILAMENTS
Harry Taylor and William Ivan Taylor, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application May 18, 1934, Serial No. 726,265
In Great Britain May 22, 1933
7 Claims. (Cl. 19—1)

1. Process for the conversion of continuous filaments directly into a product containing staple fibers, which comprises spreading out a bundle of continuous filaments, causing the spread filaments to pass in contact with a cutting surface moving in substantially the same direction as the filaments but at a peripheral speed different from the speed of the filaments, and pressing the bundle of spread filaments against the surface so that during the movement of the surface the fila-



ments are continuously nipped substantially at a point in the length of the bundle and are subjected at such point to a cutting action that at any one point severs part only of the filaments in the bundle, the movement of the filaments past the cutting surface causing the partial severing action to take place progressively along the length of the filaments.

2,104,828
SHOE BOX
Richard B. Brinnon, Wichita, Kans.
Application July 10, 1934, Serial No. 734,532
3 Claims. (Cl. 229—46)



1. A box, said box having an open end and a closure element therefor, said closure element being hingedly attached to said box and a flange bounding said closure element, a disk attached to the upper side of said box by an eyelet, a button on said flange, said button being so positioned that it will seat itself in the said eyelet when the closure element is in a closed position and functions to hold the closure element in said closed position, a second disk, said second disk being attached to said closure element, a string, one end of said string being attached to said closure element so that it may be used as a pull by which the closure element may be pulled open or the string may be intertwined beneath said disks as a means of securing the closure element in a closed position.

2,104,829
TINTED RESINS
William H. Carmody, Pittsburgh, Pa.
No Drawing. Application January 19, 1935, Serial No. 2,587. Renewed April 20, 1937
4 Claims. (Cl. 260—7)

1. The herein described step in the method of pretinting a resin comprising in its individual polymers a reactive cyclopentadiene structure, which consists in reacting at least one compound selected from the classes of aldehydes and ketones with the resin in the presence of an alkaline catalyst to produce development of the fulvene color structure therein.

2,104,830
OBSTETRICAL CHAIR
Saby Gertrude Collard, Cedar Rapids, Iowa
Application June 9, 1937, Serial No. 147,393
7 Claims. (Cl. 155—28)

1. A folding obstetrical chair including a seat, rear supporting legs for the seat, front support-

ing legs for the seat hinged at one end to the seat at opposite sides of the latter, brace rails hinged at one end to said rear supporting legs and having free ends provided with notches, a round connecting the free ends of said front supporting legs and having its respective opposite ends extending laterally from said front supporting legs for engagement with selected notches whereby to support said seat at the desired angle of inclination relative to the horizontal.



2,104,221
SHELF BRACKET
Martin Dannhardt, Cleveland, Ohio
Application October 13, 1936, Serial No. 105,398
5 Claims. (Cl. 248—239)



1. In a double shelf bracket, the combination of a pair of members adapted for slidable interfitting in an aperture of a common support, each of said members carrying a horizontally extending flange adapted to occupy a common plane.

2,104,222
PICKER FOR LOOMS
William D. Dedenhoff, Greenville, S. C.
Application March 6, 1937, Serial No. 129,432
5 Claims. (Cl. 139—159)



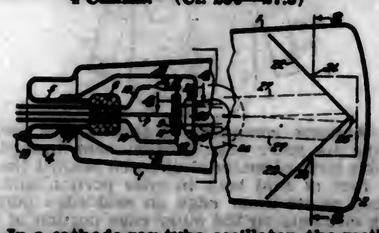
1. A picker for looms having a metallic shell provided with a squared cavity for receiving the upper end of the picker stick of a loom and having a pair of spaced vertically disposed projections on its forward edge and having a hole in the forward wall of the said metallic shell, a leather member adapted to fit between said projections and having a forward layer broader than the other layers to overlap the forward edges of said projections and also having a rear layer for fitting in said hole in said forward wall and means for securing said leather member in position between said projections.

2,104,223
BELT ORNAMENT END CONNECTION
Walter Forstner, Irvington, N. J., assignor to Forstner Chain Corporation, a corporation of New Jersey
Application July 16, 1935, Serial No. 31,558
1 Claim. (Cl. 24—191)



In an ornamental end connection, a base of general rectangular outline having a solid back portion and a front loop portion and two pivot ears struck up from said back portion and including side flanges extending to the front edge of the solid back portion, and a clamp element of generally rectangular outline pivotally mounted in said side flanges and having a depending clamp portion cooperating with said solid back portion, the sides of said clamp element being coextensive with said flanges and the front edge of said clamp element being substantially in line with the front edge of said solid back portion when said clamp element is in closed position, said front edge of said clamp element having a forwardly bent portion adapted to extend towards and substantially contact with the front edge of said solid back portion.

2,104,224
CATHODE RAY OSCILLATOR
Bernard C. Gardiner, Philadelphia, Pa., assignor to Farnsworth Television Incorporated, a corporation of California
Application December 12, 1933, Serial No. 702,141
4 Claims. (Cl. 250—27.5)



4. In a cathode ray tube oscillator, the method of operation which comprises generating electrons from a line source, restraining the electrons from diverging in planes parallel to the said source, causing said beam to diverge in planes perpendicular to said source, deflecting said beam cyclically about an axial position after divergence and normal to the direction of such divergence, and collecting said beam during deflection from said axial position.

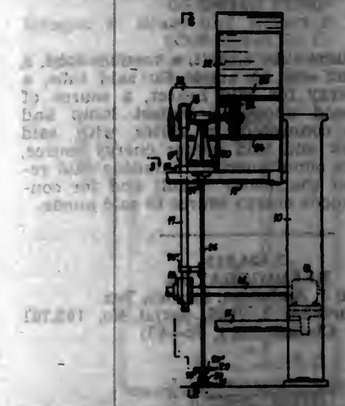
2,104,225
HEAT-RESISTING IMPLEMENT
Werner Hessenbruch, Hanau-on-the-Main, Germany, assignor to firm Heraeus-Vacuumschmelze Aktiengesellschaft, Hanau-on-the-Main, Germany
No Drawing. Original application March 7, 1935, Serial No. 9,266. Divided and this application July 7, 1936, Serial No. 89,372. In Germany, March 24, 1934
1 Claim. (Cl. 75—171)

A high temperature oxidation resistant alloy containing 1 to 30% Cr, .01 to 1.2% Ce, from a small but effective amount up to 48% Fe, the balance of the alloy consisting of nickel.

2,104,226
HEAT-RESISTING IMPLEMENT
Werner Hessenbruch, Hanau-on-the-Main, Germany, assignor to firm Heraeus-Vacuumschmelze Aktiengesellschaft, Hanau-on-the-Main, Germany
No Drawing. Original application March 7, 1935, Serial No. 9,266. Divided and this application July 7, 1936, Serial No. 89,371. In Germany March 24, 1934
4 Claims. (Cl. 75—171)

1. A high temperature oxidation resistant alloy containing .01 to 1.2% Ce, 1 to 30% Cr, the balance consisting of iron group metals.

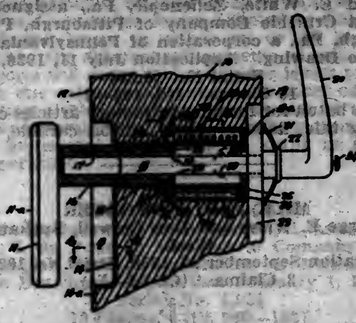
2,104,227
BUFFER ATTACHMENT
Joseph A. Hunt, Shelby, N. C.
Application May 10, 1937, Serial No. 141,773
2 Claims. (Cl. 12—1)



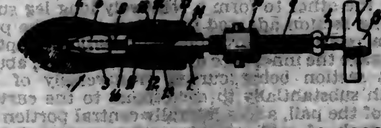
1. In a shoe repair machine having a main drive shaft and driven shaft, a frame in which said drive shaft is mounted for rotation, a pivoted frame in which said driven shaft is mounted, a buffer mounted on the driven shaft, a pulley on the main drive shaft, a second pulley on the driven shaft, a belt disposed around said pulleys and resting at all times on the second pulley and normally projecting below and out of contact with the pulley on the drive shaft, a foot lever for raising said driven shaft to cause said belt to engage the pulley on the drive shaft to impart rotation to the driven shaft, a suction hood disposed adjacent the buffer, and the pivoted frame being pivoted at its rear end whereby upon raising of the pivoted frame it will also move backwardly and upwardly into said hood and into the zone of suction so as to remove the material removed from a work piece by the buffer.

2,104,228
AUTOMOBILE DOOR LOCK
Albert J. Loesmann, La Canada, Calif.
Application August 20, 1936, Serial No. 96,469
4 Claims. (Cl. 292—1)

2. A latch mechanism for a door having a recess therein, said latch mechanism comprising a latch-operating shaft, a latch-operating handle having a shank adapted to be moved longitudinally relative to said latch-operating shaft and to telescope therewith, resilient means tending normally to resist telescopic movement between said shank and said shaft but resiliently permitting such relative movement, a tooth pivotally fulcrumed in a slot in said shaft, and resilient means pressing against one end of said tooth so as to urge the opposite end of said tooth from the slot in said shaft.



2,104,229
SHOE STRETCHER
Apostolo Panez, Long Beach, Calif.
Application March 29, 1937, Serial No. 133,630
6 Claims. (Cl. 12—128.3)



1. A shoe stretcher comprising a pair of blocks, a shaft extending into the blocks, block expanding means mounted on the shaft and operable thereby, a sleeve on the shaft, pins on said sleeve, said pins extending into the blocks, a ferrule engaging outer ends of the blocks and means removably mounting the ferrule on said sleeve.

2,104,240
RESILIENT SIDE BEARING ASSEMBLY
Arnold Stucki, Pittsburgh, Pa.
Original application October 10, 1935, Serial No. 44,282. Divided and this application June 3, 1936, Serial No. 83,377
3 Claims. (Cl. 105—4)



1. The combination with a car truck having a bolster, of articulated car bodies pivotally mounted at their ends on said bolster, side bearing arms mounted on said ends of the car bodies and projecting over said bolster with the arms on one car overlapping those on the other in vertically spaced relation, a member disposed between each pair of overlapping arms and suspended from the upper arm, and resilient means disposed between said member and upper arm for absorbing shock when the upper and lower arms move toward each other when the lower arm strikes the bolster.

2,104,841
REFRACTORY ARTICLES
Harold E. White, Zelienople, Pa., assignor to Lava Crucible Company of Pittsburgh, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application July 11, 1936, Serial No. 90,258
10 Claims. (Cl. 106—9)

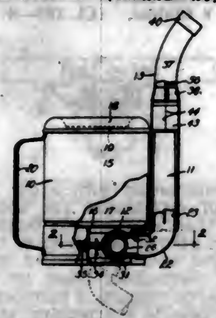
1. A batch for forming refractory articles comprising talc, flake graphite, silicon carbide, and binder.

2,104,842
MILK PAIL SUPPORTER
George E. Wiese and Don Calwell, Spokane, Wash.
Application September 23, 1936, Serial No. 102,132
3 Claims. (Cl. 31—54)



1. A milk pail supporter comprising a substantially rigid elongated plate bent upon itself to slightly less than a right angle on a line curved transversely to the longitudinal axis of said plate and the bight of said bend being curved to fulcrum on the upper periphery of the bead of a milk pail, the line of bend being nearer one end of said plate than the other to form a relatively long leg supporting section adapted to project from the pail and a relatively short abutment section adapted to engage the inner face of the pail, and said abutment section being curved transversely of its length substantially to correspond to the curvature of the pail, and a laterally central portion of the stock of said leg supporting section being struck out from the bight of said bend toward the free end of said leg supporting section and shaped to semi-cylindrical form for engagement with the outer and lower periphery of the bead to form a continuation of said curved bight.

2,104,843
DISPENSER
Ozro N. Wiswell, Los Angeles, Calif., assignor to Swingspout Measure Company, Los Angeles, Calif., a corporation of California
Application July 31, 1935, Serial No. 33,988
11 Claims. (Cl. 221—26)



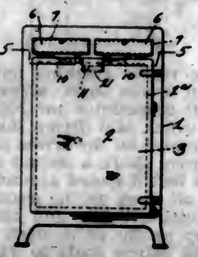
1. A spout comprising, telescopically assembled tubular members related for relative longitudinal and rotative movement, a valve within and carried by a member for controlling the flow through the spout and an operative connection between the valve and another member whereby the valve is governed by relative movement between said members.

2,104,844
VACUUM TUBE CIRCUIT
Herman Andrew Affel, Ridgewood, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application January 22, 1937, Serial No. 122,062
13 Claims. (Cl. 250—27)



1. In a vacuum tube circuit, a vacuum tube, a heater element and an anode for said tube, a source of energy for said heater, a source of energy for said anode, a ballast lamp and a resistance connected in series with said heater element and said heater energy source, and means for simultaneously shunting said resistance out of the heater circuit and for connecting said anode energy source to said anode.

2,104,845
REFRIGERATOR
Edwin J. Anderson, Snyder, Tex.
Application October 2, 1936, Serial No. 103,761
7 Claims. (Cl. 62—89)

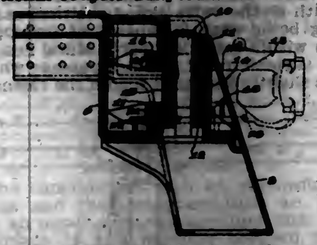


1. In a refrigerator, the combination with a casing having a cooling coil therein for the reception of freezing trays, of a drain tray beneath the coil and extending entirely across the refrigerator chamber, said drain tray comprising downwardly and inwardly inclined converging sections, said sections supporting in a suspended relation beneath their converging ends a drip pan, means whereby drainage from the sections will be discharged into the drip pan between the sections.

2,104,846
LOCOMOTIVE PILOT COUPLER
Jerome G. Bower, New York, N. Y., assignor to The Buckeye Steel Castings Company, Columbus, Ohio
Application December 2, 1935, Serial No. 52,592
16 Claims. (Cl. 213—4)

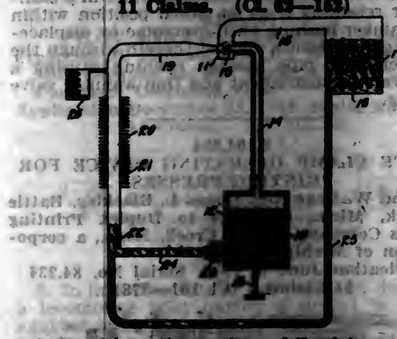
7. In combination, a pilot having a pocket, a pocket casting having a pilot-contoured plate for closing the mouth of the pocket, said pocket casting being movable about a vertical axis from

closing position to a projected position, and a conventional coupler adapted to be housed with-



in said pocket and movable about the same vertical axis.

2,104,847
JET REFRIGERATING SYSTEM WITH OSMOTIC PUMP
Kemper P. Brace and Robert B. F. Crawford, Washington, D. C.
Application April 19, 1935, Serial No. 17,369
11 Claims. (Cl. 62—152)



1. A refrigerating system of the jet compressor type which comprises a boiler containing a solution of a non-volatile solute in a volatile solvent, an aspirator, an evaporator, means for supplying a vapor of said solvent from said solution at high velocity for operating said aspirator to draw refrigerant from said evaporator, a condenser and a receiver positioned to receive the fluid delivered thereto by said aspirator, and a semi-permeable membrane separating the liquid solvent in the receiver from the solution in the boiler.

2,104,848
ELECTRIC SWITCH
Gordon H. Clark, Pottstown, Pa., assignor to Hoffman Gas & Electric Heater Company, Louisville, Ky., a corporation of Delaware
Application November 11, 1935, Serial No. 49,242
3 Claims. (Cl. 200—137)



1. In automatic control apparatus for a plurality of heating coils, a lever, thermostatic means for swinging the lever in response to temperature changes, a conductor lever for each heating coil, adjustable spring supports carried by said first named lever one for each of said coils, springs attached at their ends to said supports and said conductor levers adapted to hold said conductor levers in either on or off position, whereby the different adjustments of said spring supports will cause said conductor levers to snap from one extreme position to the other extreme position either simultaneously or one at a time at predetermined points in a given movement of the thermostat in response to rising or falling temperature.

2,104,849
CELLULOSE PROCESS
Rollin F. Conaway, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 1, 1935, Serial No. 4,524
19 Claims. (Cl. 260—102)

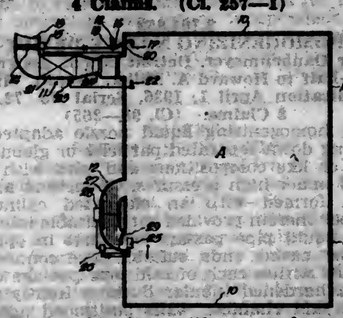
1. Process for the saponification of a cellulose ester of an organic acid, which comprises bringing said ester in contact with an aliphatic monohydric alcohol of 1–2 carbon atoms in the presence of from 0.01 to 10% of a metal alcoholate.

2,104,850
GLASS TOP PLUG FUSE
Sears B. Condit, Boston, Mass., assignor to The Chase-Shawmut Company, Newburyport, Mass., a corporation of Massachusetts
Application April 16, 1936, Serial No. 74,633
12 Claims. (Cl. 200—120)



1. A glass top plug fuse having a closed top plug body provided with a transparent window at one end and a rim that is integral with the body and window, said plug body and rim being composed of glass, and a protective band enclosing and gripping said rim and overlying and enclosing a possible sharp edge thereof and overlying face portions of said body on opposite sides of the rim.

2,104,851
AIR CONDITIONING SYSTEM
Robert E. P. Crawford, New York, N. Y., assignor to Frick Company, Waynesboro, Pa., a corporation of Pennsylvania
Application November 14, 1932, Serial No. 642,483
4 Claims. (Cl. 257—1)



2. The combination with an enclosure to be conditioned, of a conditioning chamber having

substantially closed circuit communication with said enclosure for drawing air from said enclosure, passing it through said chamber, and returning it to said enclosure, means for creating such circulation of air through said chamber, means for varying such circulation, means in said chamber for conditioning the air passing therethrough, a second conditioning chamber drawing air from the atmosphere and discharging into said enclosure, means in said second chamber for conditioning the air passing therethrough, and means responsive to humidity in said enclosure for controlling the circulation of air through one conditioning chamber.

2,104,853

LIQUID FLOW CONTROL DEVICE FOR COMBUSTION ENGINES

John B. Crumbie and Bruce H. Manning, Chicago, Ill.; said Crumbie assignor to Mildred Crumbie, Chicago, Ill.

Application April 11, 1934, Serial No. 720,663

5 Claims. (Cl. 261—115)



1. A liquid control device comprising a liquid supply receptacle, a liquid delivery conduit adapted to conduct liquid from the supply receptacle to a cylinder of an internal combustion engine, a control chamber communicating with the conduit, said delivery conduit being imperforate at least between the liquid supply receptacle and the control chamber, whereby liquid unmixed with gases will be delivered to the control chamber, a metering valve comprising a seat having a bore forming a part of the conduit and a valve stem cooperating with the bore, and means associated with the control chamber and responsive to the degree of vacuum produced by the operation of the internal combustion engine for supporting and moving the stem relatively to the bore whereby a controlled amount of liquid will be permitted to pass through the valve, and means for admitting a small quantity of air directly from the atmosphere to the control chamber.

2,104,853

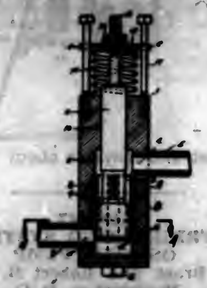
HOMOGENIZING NOZZLE DEVICE

Homer Daubenmeyer, Detroit, Mich., assignor of one-half to Howard A. Miller, Detroit, Mich.

Application April 1, 1936, Serial No. 72,217

3 Claims. (Cl. 99—265)

1. A homogenizing liquid nozzle adapted for breaking down separated particles or globules in liquid or like compositions and used with such liquids under high pressures, comprising a body casing formed with an elongated cylindrical chamber therein provided with suitable inlet and outlet liquid pipe passage openings in opposite chamber casing ends, suitable pipe connections mounted within each of said pipe passage openings, a hardened tubular bushing tightly fitted within said chamber walls positioned approximately centrally between the inlet and outlet pipe passage openings, a release plunger valve with hardened valve bushing, slidably mounted within said chamber bushing forming joints therewith at the valve closed position, said valve bushing being slightly tapered at its upper end portion within said chamber bushing designed to form a variable relief annular passage when said valve is slightly displaced within the casing bush-



ing, spring means mounted on said casing and connected to said release valve member in a manner for retaining it in its closed position within the chamber bushing until overcome by displacement liquid pressure applied thereto through the chamber inlet pipe passage opening causing a slight valve displacement and thin annular valve opening.

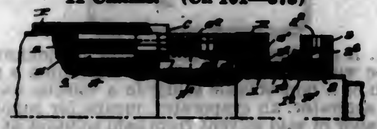
2,104,854

PLATE CLAMP OPERATING DEVICE FOR PRINTING PRESSES

Edmund W. Dean and James L. Blackley, Battle Creek, Mich., assignors to Duplex Printing Press Company, Battle Creek, Mich., a corporation of Michigan

Application June 8, 1936, Serial No. 84,234

11 Claims. (Cl. 101—378)



1. In combination with a plate cylinder having a recess, a rotatable screw extending into said recess, a plate clamp threaded on said screw, a pinion on said screw, a gear member mounted on the plate cylinder and meshing with said pinion whereby the screw may be rotated to advance or retract the clamp, means whereby the said member may be manually rotated to project or retract the clamp, said screw being longitudinally movable, spring means adapted to force the screw inwardly, and means whereby after the clamp is engaged with the plate the gear member may be further forcibly rotated to cause the spring means to forcibly hold the clamp in engagement with the plate.

2,104,855

POLYMETHINE DYES

Walter Dieterle, Dessau-Ziebigk in Anhalt, and Karl Herst, Hoechst/Taunus, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York

No Drawing. Application September 18, 1933, Serial No. 689,974. In Germany September 23, 1932

4 Claims. (Cl. 260—44)

4. A bis-[3-alkyl-tetrahydronaphtho-thiazole-(2)]-trimethinecyanine salt.

2,104,856

EXPANSION JOINT FOR RAILS

Isaie Dion, Fall River, Mass.

Application May 21, 1937, Serial No. 144,063

10 Claims. (Cl. 238—283)



9. The combination with an expansible joint for rails and the like, comprising an element having an upper surface coinciding with the upper surface of and movable between the rail ends at the joint to compensate for expansion and contraction movements and connecting elements for the rail ends on each side of the rails, of lubricating means for the joint for supplying lubrication between the relatively moving parts of the joint comprising a lubricant chamber formed by one of the connecting elements and conduits extending lengthwise therefrom and through the rail webs.

2,104,857

PILOT AND COUPLER STRUCTURE

Frederick H. Einwaechter, Jr., West Hazlethorpe, Md., assignor to The Buckeye Steel Castings Company, Columbus, Ohio

Application December 12, 1935, Serial No. 54,139

14 Claims. (Cl. 213—4)



6. In improvements of the character described, a locomotive pilot having a pocket, a coupler adapted to be housed in the pocket and movably mounted to permit the same to be moved from a position within the pocket to coupling position and vice versa, said coupler having a pilot-contoured plate substantially conforming with the contour of the pilot when the coupler is in housed position.

12. In improvements of the character described, a locomotive pilot having an internal pocket, a coupler adapted to be housed in the pocket and movably mounted to permit the same to be moved from a position within the pocket to coupling position and vice versa, said coupler having a knuckle and a vertically movable latch pin for locking and releasing the knuckle, a vertically swinging pin operating element connected with the pin and movable with the coupler, an uncoupling lever arranged on the pilot exteriorly of the pocket, and a vertically sliding pin actuating member operated thereby, said pin actuating member extending from the interior of the pocket to the exterior of the pilot and having a lateral lifting hook arranged to lie beneath the pin control element for engagement therewith when the coupler is in operative position.

2,104,858

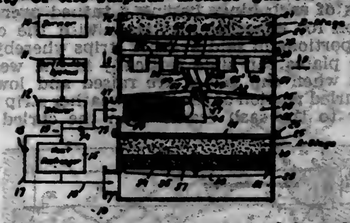
MANUFACTURE OF SULPHURIC ACID

Robert B. Ferguson, Plainfield, N. J., assignor to General Chemical Company, New York, N. Y., a corporation of New York

Application January 22, 1935, Serial No. 2,615

14 Claims. (Cl. 23—176)

5. The method for forming a mixture of sulphur dioxide and another gas which comprises passing a stream of sulphur dioxide gas through a restricted passage to thereby increase the velocity of flow of the sulphur dioxide gas, introducing a second gas, moving at a velocity in excess of the velocity of the sulphur dioxide gas on entering



the restricted passage, into the sulphur dioxide gas while the latter is flowing through the restricted passage, and then causing at least part of the combined gases to flow in a direction opposite to the initial direction of flow of the combined gases.

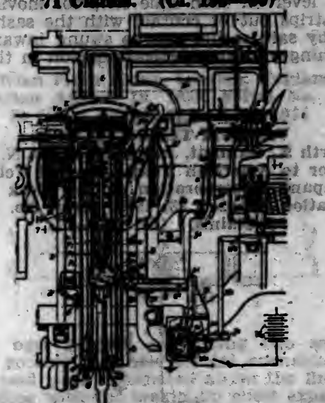
2,104,859

SLUG CASTING MACHINE

Frank C. Frelander, Elizabeth, N. J., assignor to Mergenthaler Linotype Company, a corporation of New York

Application April 1, 1935, Serial No. 14,047

71 Claims. (Cl. 199—59)



1. In a slug casting machine, the combination of a pair of line clamping jaws, one movable toward the other for quadding, mechanism to effect such quadding movement of the jaw, means to condition said mechanism for a quadding operation, and means independent of the composed line to actuate the conditioning mechanism automatically during a given casting cycle when a quadding operation is to be performed.

2,104,860

SASH CONSTRUCTION

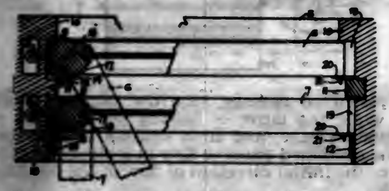
Jacob Fuchsman, Brooklyn, N. Y.

Application June 29, 1935, Serial No. 29,048

1 Claim. (Cl. 20—59)

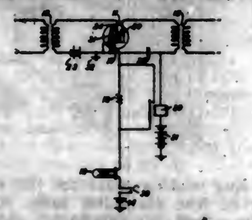
In a sash construction, in combination, a sash frame, an upper outer sash, an inner lower sash, inner, outer and central sash strips on opposite sides of the frame defining grooves in which the sashes are disposed for vertical sliding movement, weather strips, an outer one of which is mounted on the face of said central sash strip and an inner one on the sash frame beneath said inner

sash strip, said weather strips extending the length of said sash strips and each having a curled edge, spaced hinges including hinge plates secured adjacent the upper and lower corners of one side of each of said sashes, one of the hinge plates of each hinge having a turned over hook portion for interfitting relation with the curled edge portions of said weather strips whereby said hinge plates can slide vertically in the weather strips when the sashes are raised and lowered, the curled portion of the inner weather strip being closer to the sash frame than the curled edge



portion of the outer weather strip whereby the lower inner sash swings closer to the sash frame than the upper sash so that maximum swinging movement of both sashes is provided, slide strips constituting weather strips at the opposite edges of the sashes from said hinges for engagement with said inner and central strips, pin and slot means for attaching said slide strips to the sashes and a lever on each slide strip for moving said slide strips out of contact with the sash strips whereby said sashes can be swung inwardly on their hinges at any vertical position in the sash frame.

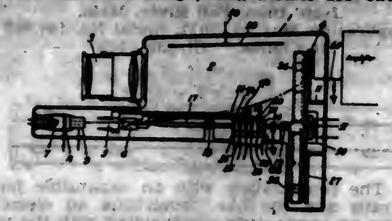
2,104,861
VACUUM TUBE CIRCUITS
Danforth K. Gannett, Jackson Heights, N. Y., assignor to American Telephone and Telegraph Company, a corporation of New York
Application January 23, 1937, Serial No. 122,063
5 Claims. (Cl. 250—27)



1. In a vacuum tube circuit, a vacuum tube, a cathode and an anode therefor, a source of energy for heating said cathode, a ballast lamp connected in series with said cathode energy source, a resistance normally connected in series with said ballast lamp and means effective at the time said cathode approaches its normal operating temperature for shunting said resistance.

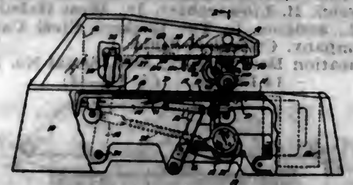
2,104,862
TELEVISION METHOD AND APPARATUS
François Charles Pierre Henrotean, Ottawa, Ontario, Canada, assignor to Electronic Television Company, Limited, Ottawa, Ontario, Canada
Application January 4, 1934, Serial No. 705,206
7 Claims. (Cl. 178—7.2)

1. In a television system, an evacuated vessel containing a photoelectric screen of individual photoelectric cells, means for impressing an image on said screen, a scanning plate between the screen and the image, and means for causing



the scanning plate to pass before the photoelectric screen between impressions of the image on said screen.

2,104,863
PLATEN MECHANISM FOR PRINTING MACHINES
Carl J. Hueber, Cleveland Heights, Ohio, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware
Application February 12, 1936, Serial No. 63,575
22 Claims. (Cl. 101—274)



1. In a printing machine, means for supporting a form, a guideway extending above and parallel with said form, a carriage reciprocably mounted in said guideway for movement in a direction in a plane parallel with said form, a pair of links pivotally connected to the carriage, a second pair of links pivoted to the first-named links respectively and spaced apart from each other, a shaft journalled in the last-named pair of links, a roller platen rotatably supported on said shaft, resilient means normally acting to retain said links out of alignment with each other and thereby maintain the platen out of contact with the form; and periodically acting yielding means to act as a shock absorber and move the links of one pair into alignment with the links of the other pair to cause the platen to coact with said form.

2,104,864
SUPPORT FOR BOOKS AND THE LIKE
Johan Richard Isberg, Uttran, Sweden
Application March 31, 1936, Serial No. 71,887
In Sweden April 15, 1935
1 Claim. (Cl. 211—43)

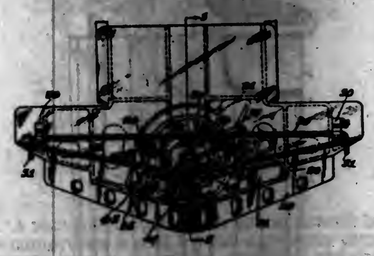
A support for books comprising a flat two-piece member provided with a longitudinal recess formed from complementary recesses in the contacting faces of the two elements of the member and an aperture communicating with the longitudinal recess on each side of said member, a removable flexible metallic strip with a vertical slot inserted into said recess, adjustable means passing through said slot and apertures for varying the combined length of the flat member and strip, a cylindrical member fixed transversely to the outer end of said strip and a ring of resilient material on the respective ends of said cylindrical member, the arrangement being

such that the flat member rests upon the lower shelf against a book in a substantially vertical



position and the rubber rings engage frictionally with the underside of the shelf above.

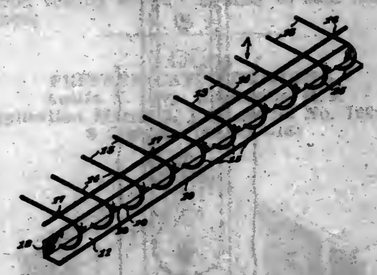
2,104,865
PILOT AND PILOT COUPLER
George T. Johnson and Harry H. Wolfe, Columbus, Ohio, assignors to The Buckeye Steel Castings Company, Columbus, Ohio
Application November 6, 1935, Serial No. 48,573
18 Claims. (Cl. 213—4)



1. In improvements of the character described, a locomotive pilot having a pocket, a coupler adapted to be housed in the pocket and movably mounted to permit the same to be moved from a position within the pocket to coupling position and vice versa, said coupler having a pilot-contoured plate substantially conforming with the contour of the pilot when the coupler is in housed position, said coupler having a lock-lifting element and the pocket having a slot to accommodate said element when the coupler is moved into housed position.

12. In mechanism of the character described, a locomotive pilot having a pocket, a vertical pivot pin in the pocket, a coupler mounted for turning movement on said pin and having a pilot-contoured face, said coupler having a lock-lifting element, and means for lifting the last-mentioned element, said means having a swivel joint in line with the axis of the pin to allow a portion of said means to move with the lock-lifting element of the coupler when the latter is swung from a housed position with the pocket to coupling position and vice versa.

2,104,866
LOAD TRANSFER DEVICE FOR ROADWAYS
Louis B. Johnsen, Baltimore, Md., assignor to Dow-Weld Company, Inc., a corporation of Maryland
Application April 15, 1937, Serial No. 137,114
4 Claims. (Cl. 94—18)



1. A load-transfer device for roadways comprising a supporting member having horizontal and vertical flanges, a plurality of dowels positioned at spaced intervals extending above said member and transversely thereof, said dowels each having a vertical extension rigidly connected to said member.

2,104,867
BUST SUPPORT
Vivian Fitch Kemp, London, England
Application August 19, 1935, Serial No. 36,909
In Great Britain August 30, 1934
4 Claims. (Cl. 2—42)

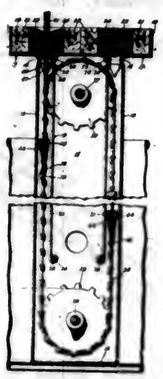


1. A bust support comprising two separate breast pockets; a single pivotal connection between said pockets situated above the line corresponding with the maximum chest expansion; a resilient coupling between said pockets situated below said line so that said pockets can move relatively about said pivotal connection to permit the girth measurement below the pivotal point to vary; shoulder straps respectively secured at one end to the upper edges of said breast pockets and at the other end to the back of said bust support and means for securing said bust support on the wearer.

2,104,868
SHINGLE STAINING MACHINE
Clarence W. Kraus, Buffalo, N. Y.
Application January 12, 1937, Serial No. 120,198
8 Claims. (Cl. 91—46)

1. In a shingle treating machine, a pair of substantially upright guide means, shingle gripping means slidable in said guides, means for raising and lowering the gripping means in one guide means and for simultaneously lowering and raising the gripping means in the other guide means, means for causing said gripping means to release upon approaching the uppermost position there-

of for receiving or releasing shingles, and brush means mounted above said guides for removing



excess liquid from shingles passing upwardly therethrough.

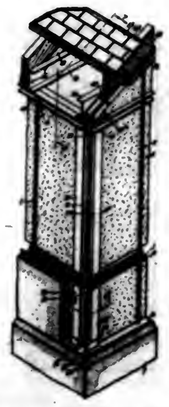
2,104,869
PREFABRICATED BUILDING
Austin T. Levy, Harrisville, R. I.
Application October 22, 1935, Serial No. 46,156
Renewed October 7, 1937
58 Claims. (Cl. 72—1)



1. In a prefabricated building, a wall frame presenting a plurality of panel apertures, panel units assembled therein each comprising a wall board of story height positioned at its edges by said frame, said units being in side by side relation and having on an outer surface thereof external anchoring sheet material overlying said boards and a frame portion between said units, and a coating of cementitious material clinched by said sheet material and uniting said units.

2,104,870
BUILDING
Austin T. Levy, Harrisville, R. I.
Application December 14, 1935, Serial No. 54,429
29 Claims. (Cl. 72—1)

1. In a building, a wall frame including a plate portion, a wall forming panel unit within and supported by said frame having a body extraneous of said portion, and reenforcing means carried by



said unit at a face thereof and interlocked with said portion.

2,104,871
BUILDING
Austin T. Levy, Harrisville, R. I.
Application April 29, 1936, Serial No. 76,950
26 Claims. (Cl. 72—1)

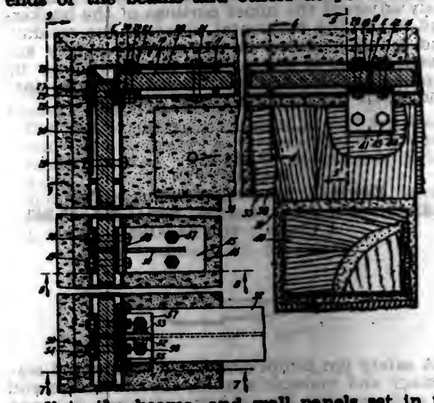


1. A building comprising a foundation, an outer wall, and a roof having intermediate the ends thereof a plurality of rafters extending to a side of the building and widely spaced from each other, said outer wall including a plurality of stud members correspondingly located and spaced from each other by the distance between said rafters and located beneath and in alignment with said rafters to support all of the same directly.

2,104,872
BUILDING
Austin T. Levy, Harrisville, R. I.
Application July 10, 1936, Serial No. 89,961
Renewed November 19, 1937
21 Claims. (Cl. 72—16)

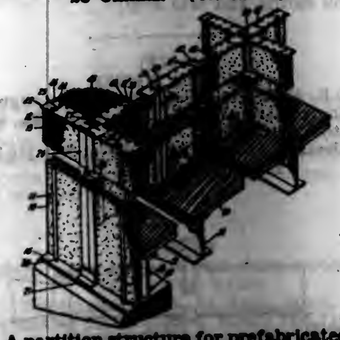
1. A building comprising a foundation, a floor having widely spaced beams extending to a side of the building, an outer wall including load bearing wall studs more narrowly spaced than said

beams, certain of said studs being located at the ends of the beams and others at points inter-



mediate the beams, and wall panels set in the spaces between said studs.

2,104,873
BUILDING
Austin T. Levy, Harrisville, R. I.
Application August 27, 1937, Serial No. 161,268
23 Claims. (Cl. 72—1)



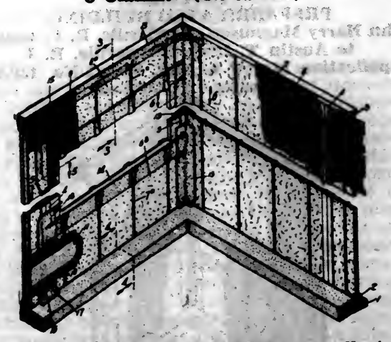
1. A partition structure for prefabricated buildings comprising a stud having oppositely disposed channels and a partition carrying channel at right angles to and fixed to said channels, wall and partition forming panel units seated in said channels and having reenforcing means thereon, and plate members connected to said stud and overlying said units and cooperating with said reenforcing means in positioning the panels.

2,104,874
BUILDING
Austin T. Levy, Harrisville, R. I.
Application October 15, 1936, Serial No. 105,721
25 Claims. (Cl. 72—1)



1. In a building, a foundation wall, beams having their ends supported by said wall, a sill member supported on the wall parallel to said beams, stud members connected to said sill member, an upwardly projecting flanged member associated with said wall and located inwardly of said sill member, a nailing member supported by and on top of said flanged member, and a wooden floor supported on said beams and having a marginal portion resting on and secured to said nailing member.

2,104,875
PREFABRICATED BUILDING
Austin T. Levy, Harrisville, R. I.
Application March 4, 1937, Serial No. 129,092
8 Claims. (Cl. 72—16)



1. In a prefabricated building, a wall structure comprising a metal frame presenting panel apertures, panel means in said apertures, a clinched cementitious coating overlying said panel means and frame, and condensation preventing means between portions of said frame and said clinched coating.

2,104,876
PREFABRICATED BUILDING
John A. Wetherbee, Harrisville, R. I., assignor to Austin T. Levy, Harrisville, R. I.
Application March 4, 1937, Serial No. 129,095
9 Claims. (Cl. 72—1)



1. In a prefabricated building, a foundation, a panel frame thereon including a bottom channel, a panel in said frame having its bottom edge in said channel, and waterproofing means in said channel and in which the lower edge of said panel is embedded, for sealing said edge.

2,104,877
PREFABRICATED BUILDING
Austin T. Levy, Harrisville, R. I.
Application March 4, 1937, Serial No. 129,093
7 Claims. (Cl. 72—1)

1. In a prefabricated building, a panel, a panel positioning frame including vertical and horizontal members and having apertures in said mem-

bers for receiving connecting means for said members, and pointed connecting means for



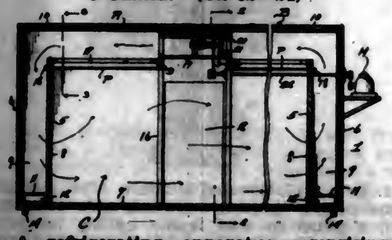
aligning said apertures as said connecting means is inserted.

2,104,878
PREFABRICATED BUILDING
John Harry Magnuson, Harrisville, R. I., assignor to Austin T. Levy, Harrisville, R. I.
Application March 4, 1937, Serial No. 129,694
8 Claims. (Cl. 72—1)



1. In a prefabricated building, a wall structure comprising a frame presenting panel apertures, panel means in said apertures carrying anchoring material spacing means, and continuous sheet means of anchoring material overlying a plurality of panel means and said frame and spaced by said spacing means.

2,104,879
REFRIGERATING DEVICE
Guy Lindsey, Hawthorne, Fla.
Application April 16, 1936, Serial No. 74,734
6 Claims. (Cl. 62—24)



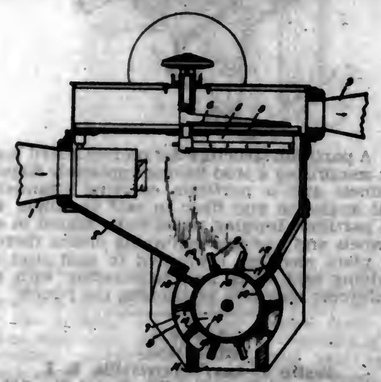
1. A refrigerating apparatus comprising a closed chamber, partitions extending across the opposite end portions of the chamber to provide ice bunkers, the lower portions of said partitions being of an open structure to permit circulation of air through the bunkers to the intermediate portion of the chamber, said open structure of the partitions extending upwardly a material distance from the bottom of the chamber, the upper or remaining portions of the partitions being imperforate, a conduit mounted and entirely contained within in the upper central portion of the chamber and in communication with the upper portions of the bunkers, said communication including horizontally disposed ice pans immediately adjacent the upper portions of the bunkers and below the horizontal plane of the conduit, and a fan mounted in the conduit closely adjacent to one of the bunkers for drawing air up through said bunker and forcing the same into and down through the second bunker.

2,104,880
SAFETY PIN
Edwin J. Lintner, Pittsburgh, Pa.
Application July 10, 1936, Serial No. 90,941
1 Claim. (Cl. 24—161)



A safety pin comprising a coil spring and stationary and movable shanks, the outer free end of said movable shank being pointed, a guard provided at the outer end of said stationary shank for the reception of the pointed end of said movable shank, an elongated loop provided on one of said shanks near said coil spring, the other shank being received in said loop whereby said pointed section will be guided in its movement, and a protective sheathing surrounding said coil spring and said loop.

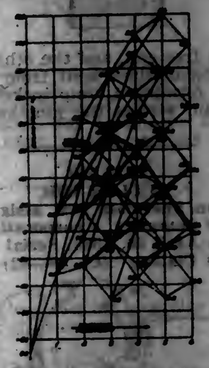
2,104,881
VACUUM WHEEL
Robert E. McLemore, Columbus, Ga., assignor to Lummus Cotton Gin Co., Columbus, Ga., a corporation of Georgia
Application April 26, 1937, Serial No. 139,049
1 Claim. (Cl. 19—75)



Vacuum lock comprising a cylindrical casing having openings extending across opposite sides, the side walls of said openings being parallel to the axis of said casing, a rotor mounted coaxially in said casing including flexible extending vanes having their free edges parallel to the axis of the rotor and of such radial length as to engage the cylindrical wall of said casing for sealing it against pneumatic pressure, said vanes having their peripheral edges slightly oblique with respect to the direction of the axis of the rotor whereby the leading end of each vane will first make contact with the walls of the openings on the advance side with respect to the direction

of rotation of said rotor, the entire peripheral edges of the vanes thus progressively coming into contact with said walls.

2,104,882
HEAT TRANSFER AND REFRIGERATION
Thomas Midgley, Jr., Worthington, Albert L. Henne, Columbus, and Robert R. McNary, Dayton, Ohio, assignors to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Original application November 19, 1931, Serial No. 576,653. Divided and this application May 1, 1934, Serial No. 723,573
6 Claims. (Cl. 62—178)



5. The process of transferring heat which comprises condensing and subsequently evaporating any halo-fluoro derivative of ethane having the general formula $C_2H_nX_mF_{6-(n+m)}$, where X equals a halogen other than fluorine and n and m are never less than one.

2,104,883
METHOD AND APPARATUS FOR CONTROLLING FUEL BEDS
Harold S. Merton, St. Paul, Minn.
Application April 7, 1934, Serial No. 719,582
2 Claims. (Cl. 236—15)



1. A static operated controller including, a housing, a pressure bell, adjustable means for balancing said bell within said housing, an air passage connecting the draft duct of the furnace with the combustion chamber thereof, a pressure reducing valve interposed in said air passage, a venturi positioned in the draft duct of the furnace connected under said bell, said valve in said controller operating to balance the reduced air pressure between the draft duct and the combustion chamber in relation to the velocity pressure from the venturi to provide a predetermined setting for said controller, and an electric switch carried by said bell and adapted to be operated by the unbalancing of the bell by a change in the static pressure or velocity in the draft duct or the combustion chamber of the furnace which unbalances said controller.

2,104,884
HIGH PRESSURE TUBE AND METHOD OF MAKING SAME
Bert L. Quarnstrom, Detroit, Mich., assignor to Bundy Tubing Company, Detroit, Mich., a corporation of Michigan
Application September 24, 1934, Serial No. 745,213
8 Claims. (Cl. 29—183)



4. The method of making high pressure tubing which comprises, forming a plurality of independent tubular members each having overlapping parts from strip metal stock, each having a coating of high fusing point sealing metal between the overlapping parts for uniting said parts with a joint having cold working and extension properties which approximates such properties of the strip metal stock, said independent tubular members being of varying diameters so that the outside diameter of at least one tubular member is less than the inside diameter of another, some of the surfaces of the tubular members having a coating of said sealing metal thereon, telescoping the tubular members together by relative lengthwise movement to form a plural ply wall tubular structure with zones of sealing metal between the telescoping tubes and between the overlapping parts thereof, drawing the tubular structure to substantially simultaneously longitudinally extend the metal and reduce the diameters of the tubular members until the contiguous surfaces thereof are in tight engagement, and uniting said overlapping parts of the tubular members and the contiguous surfaces of the tubular members by fusing the said zones of fusing metal.

2,104,885
BUTTON FASTENER
George A. Robbins, Hilliar Township, Knox County, Ohio
Application September 17, 1936, Serial No. 101,287
6 Claims. (Cl. 24—90)

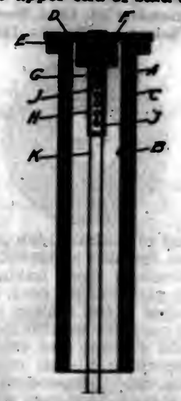


6. Means for fastening a button member to a button-like base member including a pair of stem portions each provided with an enlargement, said stem portions adapted to be forced through holes of said button member and thereby anchored by said enlargements, said stem portions each being of soft rubber.

2,104,886
ELECTRICALLY HEATED ANNEALING FURNACE
Wilhelm Rohn, Hanau-on-the-Main, Germany, assignor to the firm Heraeus-Vacuumschmelze Aktiengesellschaft, Hanau-on-the-Main, Germany
Application August 7, 1935, Serial No. 35,994
In Germany April 30, 1934
2 Claims. (Cl. 13—30)

1. An annealing furnace comprising a vertically sustained elongated chamber open at the top

and bottom to the atmosphere and having the vertical side walls thereof insulated against the passage of heat therethrough, a top end closure member detachably secured in end closing position, electrical resistance heating means centrally disposed in the upper end of said chamber, and a



roller element horizontally sustained above said heating means centrally within said chamber and depending from said closure member, said roller element being adapted to receive and impart a reverse bend to a metal strip passing thereto through the open bottom of said chamber.

2,104,887
DISPENSER OR CONTAINER

Herman W. Rueger, Lancaster, Pa., assignor to Liberty Can and Sign Company, Lancaster, Pa., a corporation of Pennsylvania

Application August 17, 1936, Serial No. 96,515
5 Claims. (Cl. 221—62)



1. A dispensing container comprising a body member formed with an outwardly projecting tapering open ended neck, in combination with dispensing means comprising a slide and a cap each having dispensing openings, the said openings registering in one extreme position of the slide and being completely out of registry in the other extreme position of the slide, said cap being recessed and permanently secured on said neck with a tight frictional fit and having longitudinal laterally projecting flanges respectively extending from its respective side edges and being under compression, and said slide having flanges extending inwardly from its side edges and cooperating with the lower face of its top panel to permanently hold said cap under compression between the lower face of said top panel and the upper faces of said slide flanges, the fit between the slide and cap being such as to permit a snug frictional sliding movement of the slide with relation to said cap, said slide flanges being spaced at an interval from the opposing face of said body member.

2,104,888
ELECTRICAL CONNECTING DEVICE

Otto Spahr, Philadelphia, Pa.

Application October 16, 1933, Serial No. 693,732
4 Claims. (Cl. 240—10.61)

3. An electrical connecting device adapted to provide a lamp attachment for dry cells and comprising a single length of wire bent to form two legs extending at substantially right angles to each other, one leg being of considerably greater length than the other and being formed into

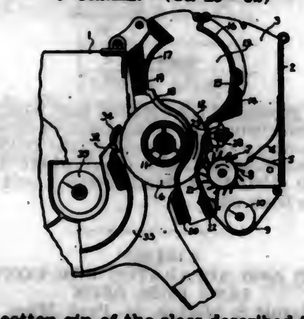


a point at its free end, and the other leg having a series of convolutions bent from adjacent its free end and forming a lamp socket and a convolution in said wire at the junction of the two legs.

2,104,889
HULLER RIB

John A. Stroun, Sherman, Tex., assignor to Hardwicke-Etter Company, a corporation

Application April 30, 1936, Serial No. 77,099
9 Claims. (Cl. 19—62)



1. A cotton gin of the class described including gin saws, hulling ribs associated with the saws, said ribs being interrupted to provide rib sections having a gap between the opposed inner ends of the ribs, and means adjacent the gap and extending into the slots between the ribs of one of the rib sections for moving the cotton lint collected thereon toward the gap and the gin saws.

2,104,890
PROCESS OF SEPARATING FROM PIG-IRON THE VANADIUM CONTAINED THEREIN

Nicolaas Wark, Scureth-Heerlen, Netherlands

No Drawing. Application December 5, 1933, Serial No. 701,961. In Germany December 14, 1932
2 Claims. (Cl. 75—52)

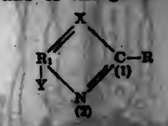
1. Process of obtaining vanadium from iron-ores, said process consisting in reducing said iron-ores to pig-iron in a blast furnace, placing the pig-iron thus produced in a basic converter, adding a strongly basic, very liquid and highly reactive slag to the pig-iron before oxidation of the vanadium contained therein by air can occur, removing the slag so prepared from the iron-bath after the combustion of said vanadium is completed, and recovering the vanadium from its slag.

2,104,891
VAT DYESTUFFS OF THE ACYLAMINOANTHRAQUINONE SERIES CONTAINING A THIAZOLIC RADICAL AND PROCESS OF MAKING SAME

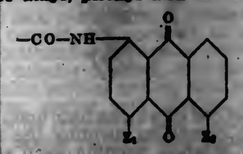
Werner Zerweck and Wilhelm Kunze, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application March 3, 1934, Serial No. 713,950. In Germany March 9, 1933
3 Claims. (Cl. 260—44)

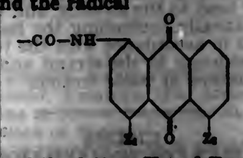
1. Vat dyestuffs of the general formula:



wherein X stands for a member of the group consisting of S and O, R_1 stands for a member of the group consisting of phenylene and naphthylene, R stands for a member of the group consisting of alkyl, phenyl and the radical



Y stands for a member of the group consisting of hydrogen and the radical



at least one of the letters Y and R representing the aforesaid radical, Z_1 standing for a member of the group consisting of hydrogen, a benzoylamino and methoxy radical, Z_2 standing for a member of the group consisting of hydrogen and a benzoylamino-group, at least one of the Z's representing hydrogen, which dyestuffs dye the vegetable fiber yellowish to yellowish red to yellowish brown shades of a particular fastness to light.

2,104,892
INTERNAL COMBUSTION ENGINE CONSTRUCTION

George H. Blettner, Chicago, Ill., assignor to Renette Company, Chicago, Ill., a corporation of Illinois

Application September 30, 1935, Serial No. 42,776
1 Claim. (Cl. 123—193)



In an internal combustion engine including an engine block casting having therein a cylinder, a piston reciprocally mounted in said cylinder, and an exhaust passage, the upper portion of the block between said passage and adjacent upper cylinder wall being relatively thicker than the portion of said block on the opposite side of said cylinder, localized clearance being provided between said upper cylinder wall portion and that portion of said piston which overrides said wall portion in its travel, whereby any growth of said wall portion is compensated for and tilting of the piston is prevented.

2,104,893
PISTON

George H. Blettner, Chicago, Ill., assignor to Renette Company, Chicago, Ill., a corporation of Illinois

Application April 23, 1936, Serial No. 75,917
9 Claims. (Cl. 309—14)



1. A piston structure comprising a head, a cylindrical skirt having diametrically opposite wrist pin openings, a hollow strut member having a cylindrical end bonded to said head and having outwardly flared portions providing arcuate surfaces of reduced width relative to said end conforming with and bonded to the inside of said skirt along areas intermediate said wrist pin openings, said strut member having wrist pin openings in opposed walls in alignment with said skirt wrist pin openings, and thimbles extending between said walls and skirt and secured in said openings whereby said skirt is rigidly supported from said head and is cross-braced by said strut and thimbles.

2,104,894
ELECTRIC CONTROL DEVICE FOR BLOCK PRINTING MACHINES

Oscar Brophy, Philadelphia, Pa.

Application June 23, 1936, Serial No. 86,760
24 Claims. (Cl. 101—198)



1. A printing machine having in combination a frame, means for intermittently advancing goods into the machine to be printed, printing heads, means for reciprocating the heads into printing relation with the goods, a latch movably mounted upon the frame adjacent to each head for latching the head out of action, a bearing arm mounted for oscillation and operatively associated with the latch for engaging the latter with the head, a part mounted for oscillation in

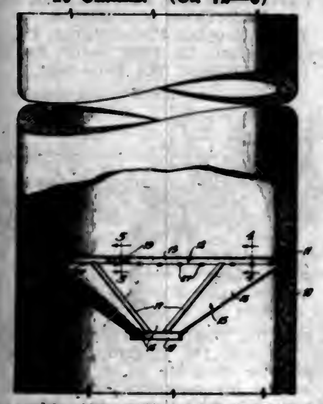
timed relation with the head, locking means upon the bearing arm and arranged for engagement with said part, an electromagnetic device mounted upon said arm and arranged for engaging said locking means with said part for moving said arm with said part, and a control device operatively associated with said electromagnetic device.

2,104,895
ENUNCIATOR
Harry F. Buses and Joseph N. Huser, Indianapolis, Ind.
Application August 13, 1935, Serial No. 35,977
3 Claims. (Cl. 40—65)



1. In an enunciator, a casing, a cover plate therefor, said plate having openings therethrough, a stationary sheet cooperating with one of said openings for exhibiting a legend thereon, a movable sheet adapted to cooperate with the remainder of said openings in said plate, said movable sheet having an opaque portion adapted to be disposed over certain of said openings when the sheet is adjusted to one position and a transparent portion having different legends thereon for registration with certain of said openings when the sheet is adjusted to different positions, means for shifting the position of the movable sheet for successively exhibiting the different legends thereon, and means for illuminating the interior of said casing.

2,104,896
BIN BOTTOM FOR CONCRETE STRUCTURES
Alexander Clever, Chicago, Ill., assignor of fifty-one one-hundredths to MacDonald Engineering Company, Chicago, Ill., a corporation of Illinois
Application December 17, 1936, Serial No. 116,304
10 Claims. (Cl. 72—6)



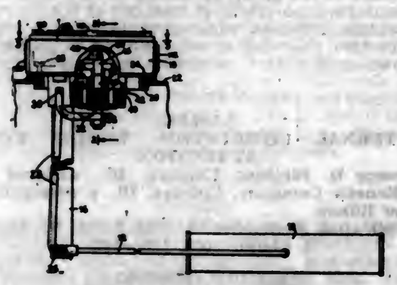
1. In combination with a structure of the class described, having a groove around its inner wall furnishing a ledge within the plane of the wall surface, a bin bottom having its upper margin entered within said groove and supported by the lower face of said groove.

2,104,897
METHOD AND MEANS FOR WAVING HAIR
George Decker, Cincinnati, Ohio, assignor to The Philad Company, Cleveland, Ohio, a corporation of Ohio
Original application June 5, 1929, Serial No. 368,545. Divided and this application August 28, 1933, Serial No. 687,049
6 Claims. (Cl. 132—36)



1. The method of waving hair upon the human head which comprises dividing the hair into a plurality of strands, winding each strand, supplying each strand with moisture, simultaneously applying heat to the strands, and individually and automatically controlling the heat supplied each strand in accordance with the temperature conditions existing at the strand and independent of conditions at other strands.

2,104,898
ELECTRICALLY CONTROLLED LIQUID LEVEL INDICATOR
Clarence A. de Giers, Forest Hills, N. Y.
Application May 10, 1934, Serial No. 724,857
3 Claims. (Cl. 201—48)



1. In a liquid level indicating apparatus, a housing adapted for attachment to a tank containing liquid, a rheostat within said housing, a flexible sleeve for sealing the interior of said housing from the contents of the tank, a movable member within said sleeve pivoted on said housing outside of said sleeve and sealed against the contents of said tank, means responsive to change of level of the liquid for swinging said movable member about its pivot, and means interconnecting said member and said rheostat whereby said rheostat is controlled by said member.

2,104,899
FUSE LINK CONSTRUCTION
Ralph H. Earle, Wauwatosa, Wis., assignor to Line Material Company, South Milwaukee, Wis., a corporation of Delaware
Application June 4, 1936, Serial No. 83,496
12 Claims. (Cl. 200—117)



1. A fuse link comprising a tubular insulating member, a pair of end portions, at least one of said end portions being slidable outwardly from within said tubular member, said fuse link having a severable portion joining said end portions, and a spring urging said slidable end portion outwardly with respect to said tubular member, said spring having its inner end immediately adjacent said severable portion and electrically insulated therefrom.

2,104,900
CARBON REMOVING TOOL
Michael Helbut, Jennings, Mo., assignor to H & H Machine & Motor Parts Co., St. Louis, Mo., a corporation of Missouri
Application September 16, 1936, Serial No. 101,003
3 Claims. (Cl. 15—104.01)



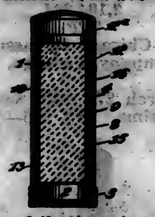
1. In a tool of the class described, a disk-shaped head-member, an annular series of spaced parallel flexible rods each rigidly mounted at an end in the head-member, said rods being at their other ends unrestrained, a plurality of burrs disposed for rotation on the respective rods, and means for retaining the burrs loosely on the respective rods.

2,104,901
STOCKING
Oscar Walter Marden, Drexel Hill, Pa.
Application May 4, 1937, Serial No. 140,583
3 Claims. (Cl. 66—178)

1. As an article of manufacture a full-fashioned stocking blank having narrowing points extending along substantially the entire length of the leg portion thereof between the calf portion and the top of the heel portion, and in which the upper portion of the narrowing points which extend along the calf portion are substantially parallel with the selvedge edges, and in which the remaining narrowing points which extend down to the top of the heel portion gradually converge towards their respective selvedge edges so that several of the lowermost of said narrowing points are taken up in the seam when said blank is formed into a stocking.



2,104,902
LIPSTICK HOLDER OR THE LIKE
Simon Merrison, New York, N. Y.
Application July 26, 1935, Serial No. 33,283
8 Claims. (Cl. 206—56)



1. In a holder of the type in which a carrier is reciprocated in a slotted guide tube by relative rotation of a propelling sleeve which embraces the guide tube and is itself embraced by an exterior casing, the guide tube being open at one end and being provided at the other end with an operating head which is inseparable from the guide tube: the improvement which comprises a swivel connection between the operating head and one end of the exterior casing, said connection being effective to hold the exterior casing against longitudinal movement in both directions; an annular bearing formed in the head for one end of the propelling sleeve; and retaining means projecting inwardly from the other end of the exterior casing, said retaining means being effective to hold the propelling sleeve against longitudinal movement away from said bearing.

2,104,903
LUBRICATOR VALVE CONSTRUCTION
John C. Merrow, Chicago, Ill., assignor to Merrow Lubricator Company, Chicago, Ill., a corporation of Illinois
Application March 27, 1936, Serial No. 71,093
4 Claims. (Cl. 221—51)

1. In a plunger type lubricator, a lubricator body having a discharge outlet, a tubular guide in axial alignment with said outlet and having its adjacent end disposed in spaced relation with respect to said outlet, a valve normally closing

said outlet, a plunger rod movable within said guide and carrying said valve, a washer in the form of a truncated cone on said rod and working within said guide and disposed on the rod



with its face of greater diameter directed toward the lubricator outlet so as to increase the sealing effect between the washer and guide as the rod is moved in a direction to discharge lubricants through said outlet.

2,104,904

TIP

John C. Morrow, Chicago, Ill., assignor to Morrow Lubricator Company, Chicago, Ill., a corporation of Illinois

Application March 27, 1936, Serial No. 71,094

10 Claims. (Cl. 285—161)



10. A discharge tip for a high-pressure lubricator, comprising a skirted sealing member having a head of yieldable material, a passaged pin extending endwise through said member and having a portion outwardly of said head and constituting a pilot, and a sleeve about and in contact with another portion of said pin and about and in contact with a part of said member inwardly of said head, said sleeve being provided with means for connecting it to a lubricator.

2,104,905

LUBRICATOR CONSTRUCTION

John C. Morrow, Chicago, Ill., assignor to Morrow Lubricator Company, Chicago, Ill., a corporation of Illinois

Application February 18, 1937, Serial No. 126,749

2 Claims. (Cl. 285—51)

1. In a high pressure hand lubricator apparatus including a body for lubricants and a spout and wherein a plunger rod actuates a piston to trap a charge of lubricant in a chamber normally closed by a spring pressed closure and then ejects the charge under high pressure built up in the chamber by force applied to the charge by movement of the plunger rod and piston, distinguished by the fact that the rod is guided by a sleeve disposed within the body and with one end open to the atmosphere and having an aperture in it between its ends and the rod is provided with a washer working within the sleeve which washer opens said aperture to communicate between the



interior of the body and the atmosphere when the rod is moved to eject a charge and wherein the sleeve is sealed against lubricant and air escape to the atmosphere when the rod is in normal or inoperative position.

2,104,906

MEANS FOR CASTING ROLLS

Henry Mueller and Harry E. Watson, Pittsburgh, Pa., assignors to United Engineering & Foundry Company, Pittsburgh, Pa., a corporation of Pennsylvania

Application April 6, 1935, Serial No. 15,928

5 Claims. (Cl. 22—187)



1. Apparatus for casting mill rolls or the like, including a flask, heat insulating means completely defining a molding cavity in the flask, the cavity being positioned on the axis of the cast roll in substantially vertical, said heat insulating means surrounding the upper neck portion of the casting being substantially thick and adapted to maintain the surrounded portion of the casting molten, the heat insulating means adjacent substantially all the remaining portions of the casting being less resistant to the passage of heat, and also relatively thin, and high heat conducting means positioned directly behind the last referred to heat insulating means for readily absorbing and conducting away heat passing therethrough.

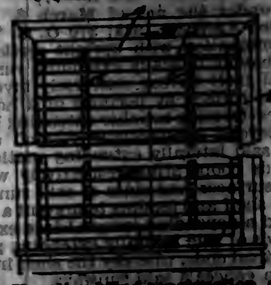
2,104,907

VENETIAN BLIND

David Nemerson, Chicago, Ill.

Application July 6, 1936, Serial No. 89,923

6 Claims. (Cl. 160—173)



1. In a Venetian blind construction, a tilting bar comprising two concavo-convex sheet members removably secured together along their margins and with the convex outermost, flat reinforcing plates within said bar extending crosswise and lengthwise, lengthwise spaced relation, plugs closing the ends of said bar, a supporting pivot projecting from one of said plugs and adapted to engage a supporting bracket, a pivot projecting from the other of said plugs and carrying a wheel keyed to it, a plate supporting the hub of said wheel as a journal, lengthwise extending reinforcing means interposed between said plug and plate to provide a longitudinal rigidity, said sheets and plates having apertured for passing raising straps therethrough, and the apertures in said sheets being longer widthwise of the bar than the apertures in the plates to enable oscillation of said bar about its pivotal support without bending said straps.

2,104,908

MACHINE FOR CLOSING AND SEALING CARTONS

Cleopatra Leonita Eugenia Otis Hannah Tod Phillips and Elbert Bertram Phillips, Walmer, England

Application October 1, 1936, Serial No. 103,650

In Great Britain October 22, 1934

11 Claims. (Cl. 226—84)



1. A machine for closing and sealing cartons of flexible material having a rectangular mouth and a folded metal strip applied over the edges of said mouth with its inside projecting said mouth which includes in combination a rotatable folding member, a movable die forming a counter-abutment for said folding member, a fixed edge on said die disposed in the path of movement of said rotatable folding member, [illegible] to be moved out of its operative [illegible] ber, means to [illegible] die from movement during a [illegible] ment of said [illegible] die co-operating with said [illegible] to provide a pinching action [illegible] to actuate said rotatable folding member.

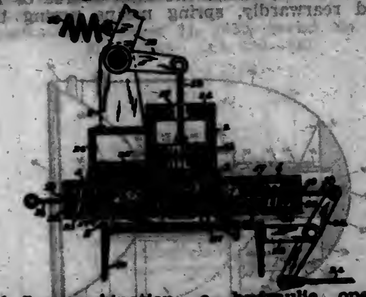
2,104,909

BRAKE OPERATING MECHANISM

John A. Rybczynski, Bradford, Pa.

Application September 4, 1934, Serial No. 743,584

4 Claims. (Cl. 60—54.5)



1. In combination, a hydraulic operating mechanism for motor vehicle brakes comprising, an integrally formed body portion constructed to provide a vertically disposed operating cylinder and two pairs of horizontally disposed brake cylinders, said pairs of brake cylinders being longitudinally aligned relatively to each other, each of said brake cylinders having a separate part to provide communication between same and said operating cylinder, said body portion embodying a fluid storage reservoir including a wall disposed directly under the bottom of said operating cylinder, and an automatically operable check valve mounted in the bottom of said operating cylinder.

2,104,910

RUG MARKER

Samuel C. Simonsen, Philadelphia, Pa.

Application August 20, 1937, Serial No. 160,002

2 Claims. (Cl. 40—2)



1. In combination with a floor covering, a label of unitary construction formed of textile material and comprising end portions connected by an intermediate portion, the face of said label having suitable indicia thereon, a rubber compound adhesive on the back of said label, one end portion and an intermediate portion having their backs adhering together, the other end of the label affixed to the rear end of the floor covering, and a transversely extended tab interposed between the overlapping intermediate portion and the end portion of the label whereby said transversely extending portion may be readily viewed from the side, top, and bottom of the rug.

2,104,911

CHANGEABLE COLOR SPOTLIGHT

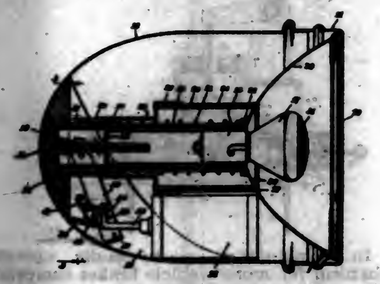
Robert E. Snyder, Pasadena, Calif.

Application May 29, 1936, Serial No. 82,867

2 Claims. (Cl. 177—337)

1. A lamp structure comprising means providing a shell, a parabolic reflector in the shell, a lens over the reflector, a light source between the lens and the reflector, shield means between

the light source and the lens for preventing light from passing directly from the light source through the lens, a tubular color changer arranged about the light source adapted to be projected forwardly about the light source or retracted rearwardly, spring means urging the



color changer into retracted position, means for moving the color changer forwardly against the action of the spring means, means for locking the color changer in its forward position, and means for causing the locking means to release, enabling the color changer to be retracted by the spring means.

2,104,912

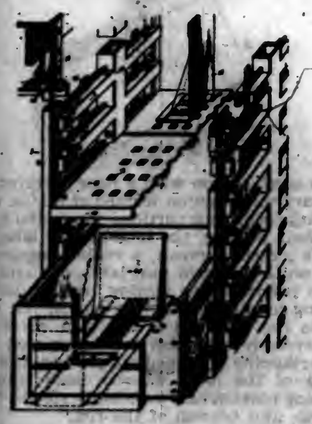
FILING AND STACKING EQUIPMENT

Charles J. Streeter, Jersey City, N. J.

Application April 19, 1935, Serial No. 17,291

13 Claims. (Cl. 312—107)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



6. An upright section for filing and stacking equipment comprising a centrally located column member, vertical side members and spaced horizontally disposed runways integral with said column and side members and adapted to support filing units, said runways joining the side members in spaced offsets inward of the outermost edges of the side members and joining said column member at one side thereof and flush with another side thereof.

2,104,913

FILING EQUIPMENT

Charles J. Streeter, Jersey City, N. J.

Application November 18, 1936, Serial No. 111,366

23 Claims. (Cl. 45—77)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

5. In combination with upright sections of a bookstack having laterally extending runways, a sheet metal shelf having conversely inverted L-shaped ends formed by portions of a horizontal shelf surface-forming member extending laterally over and beyond substantially vertical ends on said shelf, said laterally extending portions and vertical ends cooperating respectively with the horizontal surfaces and sides of said runways to support the shelf and tending to prevent a sagging thereof, and a depending integral face extending over the ends of said laterally extending portions and the vertical ends, whereby the shelf in operative position conceals said runways.



8. In combination with spaced upright sections of a cabinet having spaced laterally extending superposed runways, a shelf movably suspended between runways of adjacent upright sections and between and upon the superposed runways of said adjacent uprights with its upper surface on a plane immediately below that of the plane of the bottom of the runways next above the runways upon which the shelf is suspended and with its lower edge on a plane with that of the bottom of the runways upon which the shelf is suspended, and means on the ends of said shelf adapted to engage the sides of the runways upon which the shelf is suspended.

11. A book-end having an upright contact face portion continuing into a base portion at an angle thereto, and having shelf gripping means continuing from the base of and on a plane with said face portion into an angle beneath the plane of the base portion and terminating underneath said base portion.

14. A cabinet comprising compartments the side members of which are provided with equally spaced laterally extending runways, portable units each having a suspension element slidable along the side thereof, means for operably attaching said suspension element to the portable unit, said suspension element carrying anti-friction devices engaging with said runways and also carrying other anti-friction means for engaging said attaching means, and means for locking said suspension element immovably along the sides of said units when removed from the cabinet.

17. In a portable filing unit comprising an open-faced drawer-like case adapted to operably house a plurality of containers, means on the sides of said case adapted to support the same upon runways of a cabinet which means comprise a rearwardly positioned anti-friction element and a forwardly declining frictional element adapted to progressively engage the end of the runway surface.

22. A compressor and retainer unit adapted to removably sit within a drawer, said unit comprising a base having upright ends, an upright member carried by said base movable longitudinally

with respect to said base, guideways upon said upright member adapted to slidingly engage said base, manually releasable means on said upright member cooperating with said base whereby said upright member may be retained at desired positions upon said base, a material retaining member adapted to have material threaded thereon suspended between said upright ends and passing through said upright member, one of said ends being hinged whereby it may be lowered to free one end of said retaining member for the receipt and removal of said upright member and material.

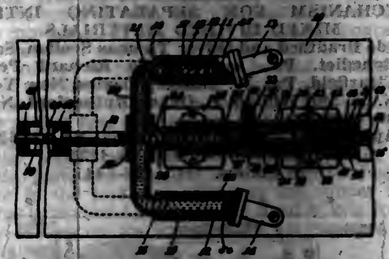
2,104,914

CIRCUIT BREAKER

Robert Temple, Jr., Hewlett, N. Y.

Original application April 24, 1933, Serial No. 667,686, now Patent No. 2,017,328, dated October 15, 1935. Divided and this application October 14, 1935, Serial No. 44,963

12 Claims. (Cl. 200—150)



1. A circuit breaker comprising stationary and moveable contact members, the latter having a fluid filled chamber, a piston free for movement independent of the movable contact member adapted to compress the fluid and thereby actuate the moveable contact member and explosively actuated means for moving the piston.

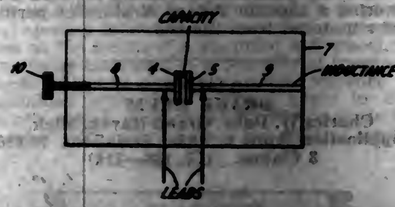
2,104,915

TUNED OSCILLATOR CIRCUIT

Browder J. Thompson, Summit, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application September 28, 1934, Serial No. 746,124

12 Claims. (Cl. 250—40)



1. An ultra high frequency tuned oscillatory circuit comprising a container in the form of a metallic surface of revolution, a damped capacitor substantially in the center of said surface of revolution, and connected to said surface by inductance in the form of support rods, and a lead within said surface of revolution connected to the outer surface of each of said support rods between the ends thereof and extending therefrom externally of and through said surface of revolution, said leads being physically separated from each other.

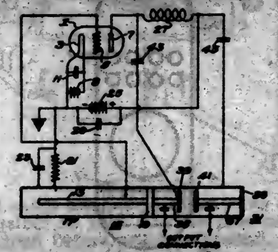
2,104,916

CONSTANT RADIO FREQUENCY GENERATOR

John Evans, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application October 31, 1935, Serial No. 47,563

20 Claims. (Cl. 250—36)



1. An oscillation generator comprising an amplifier having input and output terminals, a concentric line whose effective length is substantially equal to one-quarter of the fundamental wave connected to said input terminals, a tunable circuit connected to said output terminals including a concentric line whose electrical length is substantially half the length of the fundamental wave, means for compensating for the effects of temperature changes in said quarter wave line, and means for compensating for the effects of temperature changes in said tunable circuit, whereby there is obtained in said tunable circuit oscillations of a constant frequency corresponding to the frequency of the fundamental wave.

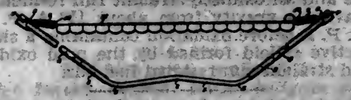
2,104,917

HAMMOCK

Theodore A. Tischler, Detroit, Mich., assignor to Joseph Sikora, Detroit, Mich.

Application July 21, 1936, Serial No. 91,719

5 Claims. (Cl. 5—129)



5. A hammock frame assembly comprising two main frame members, said frame members each being in three sections with the mid-sections removable from the two end sections, each of said end sections being permanently secured to an end section of the other main member and collapsible thereagainst, each of said end sections being flattened, bent and notched at its outer end, the outer ends of adjoined sections being lying flat against each other with their notches alined, and hammock supporting means in the notches of adjoined end sections also serving as means to maintain said outer ends in contact during use.

2,104,918

WATER HEATER

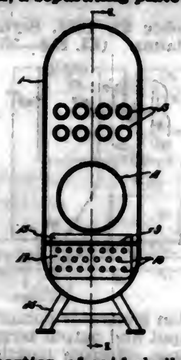
Lawrence R. Weymouth, Detroit, Mich., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich., a corporation of Maryland

Application April 27, 1935, Serial No. 18,638

2 Claims. (Cl. 122—33)

1. A combined steam or hot water boiler and storage tank water heater comprising, a circumferential enclosing shell, a flue sheet closing one end of said shell, an end plate closing the other end of said shell, a flue sheet spaced inwardly

from said end plate to form a smoke box, gas conducting flues extending between said flue sheets and having their opposite ends hermetically secured therein, a separating plate extending across

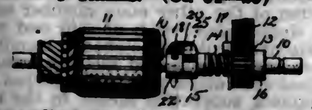


the bottom portion of said shell under said flues for providing a hermetically segregated storage water tank in intimate thermal coupled association with the heating medium circulating in the shell around said flues.

2,104,919
STABILIZED FUEL OIL
Gary Myron Whitney, Compton, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application June 5, 1936, Serial No. 83,699
2 Claims. (Cl. 196—142)

1. A blended non-sludging low-viscosity fuel oil having a gravity from 18° A. P. I. to 18° A. P. I. consisting of a cracked residuum having a gravity from 4° A. P. I. to 7° A. P. I. containing components which upon blending with an unoxidized straight run mineral oil form a carbonaceous sludge and an oxidized straight run residual fuel oil having a gravity from about 18° A. P. I. to 28° A. P. I. before oxidation containing a sludge-protective colloid formed by the mild oxidation of said straight run residual fuel oils.

2,104,920
COUPLING
Herman Yaskin, Newark, N. J.
Application February 14, 1935, Serial No. 6,506
3 Claims. (Cl. 64—29)



1. A coupling comprising a shaft having a member fixed to rotate when the shaft rotates, said member including a helical spring extending around the outside of the shaft, said spring having an inwardly extending hook on its free end, and a member arranged loosely on the shaft and having a projection to lie normally under the hook the hook being freely flexible only in an outward radial direction.

2,104,921
MATTRESS FOR BEDS
Albert M. Bank, Jersey City, N. J., assignor to Sylvia Bank, Jersey City, N. J.
Application June 17, 1936, Serial No. 85,688
17 Claims. (Cl. 5—345)

16. In combination, a mattress having side walls, a pair of members at said side walls, and means extending through the mattress and interconnecting said members, permitting separation of said members to a predetermined amount and preventing separation of said members more than



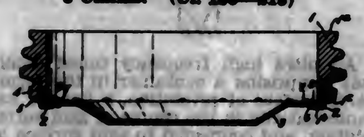
said predetermined amount, at least one of said members comprising a handle on the outside of one of said side walls and movable away from and toward said side wall, and means to yieldingly resist movement of said handle away from said side wall.

2,104,922
MECHANISM FOR SEPARATING INTERMIXED DIVIDED MATERIALS
Clyde Bradford and Oliver Thomas Scollon, Saint Benedict, Pa., assignors to Richard Peale, Clearfield, Pa., W. Sanders Davies, New York, N. Y., and William B. Oakes, Rutherford, N. J., as trustees
Application April 18, 1931, Serial No. 531,128
Renewed February 16, 1935
15 Claims. (Cl. 209—44)



1. A mechanism for separating intermixed divided materials including in combination an air-pervious support, means for vibrating the support, means for feeding and maintaining a bed of the intermixed materials undergoing separation upon the support, means for passing lifting and loosening air currents through the bed, an apertured platform overlying the support, means for progressing the bed over said platform, means for delivering relatively fine heavy particles through the platform, means for traversing larger pieces of settled heavy material along the surface of the platform, and means for separately delivering a superior flotant stratum of purified lighter material from the bed.

2,104,923
BRAKE DRUM
Charles W. Dake, Grand Haven, Mich.
Application April 6, 1936, Serial No. 72,926
3 Claims. (Cl. 188—218)



1. A brake drum comprising a cast metal braking ring member having a plurality of bendable metal clips extending axially outwardly of the braking member, then radially inward and axially therefrom and a supporting back for the braking ring member secured to the axially extending portion of the said clips.

2,104,924
SHOE HEEL
Clayton Dudley, Detroit, Mich.
Application September 14, 1936, Serial No. 100,619
3 Claims. (Cl. 36—38)



1. In a shoe heel, a recessed member adapted for attachment to a shoe, a rubber heel movable vertically in the recessed member, a metal plate embedded in the rubber heel and having an extending tongue, one wall of the recessed member being grooved to receive said tongue and the groove being of sufficient width as to allow vertical movement of the rubber heel and tongue in the recessed member, a circular boss in the bottom of the recessed member having a threaded aperture therein, a helical coiled spring fitting about the said boss at the small end and engaging the rubber heel at the large end, the rubber heel being provided with a recess at one side of the metal plate and a screw extending through the metal plate said threaded into the threaded aperture in the boss, the recess in the rubber heel being arranged to receive the head of the screw and preventing the screw head from engaging the pavement.

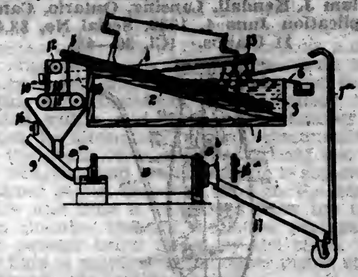
2,104,925
BUFFING WHEEL AND PROCESS OF MAKING SAME
Russell A. Gottsman, Cleveland, Ohio
Application March 14, 1936, Serial No. 68,912
1 Claim. (Cl. 51—193)



A ring-shaped buff wheel having a large central opening substantially equivalent to the waste area at the center of a standard buff wheel, said ring being composed of a plurality of trapezoidal blocks of multi-ply fabric sewed together and assembled with their inclined edges in overlapped sewed relation and with their smaller parallel sides defining the large central opening.

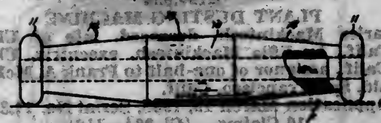
2,104,926
CLASSIFIER
Herbert E. T. Haultain, Toronto, Ontario, Canada
Application April 4, 1933, Serial No. 14,677
16 Claims. (Cl. 209—1)

1. In combination a classifier and a grinding mill in closed circuit, the classifier including a settling chamber having an overflow for the slimes or fine particles, the classifier also having a discharge end; means for drawing off settled sands from the settling chamber and discharging them over the said end; means for returning a predetermined quantity of the said discharged sands to the grinding mill so that they will be re-ground before re-entry to the classifier; and means for retaining any surplus



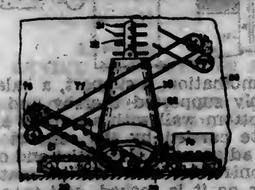
discharged sands directly to the settling chamber of the classifier so that such surplus sands will be re-classified before being re-ground.

2,104,927
EXERCISER
Harry L. Hussmann, Los Angeles, Calif.
Application April 12, 1937, Serial No. 136,328
2 Claims. (Cl. 272—57)



1. A foot exerciser consisting solely of an elongated symmetrical body having a central portion of a substantially uniform diameter, there being a uniform decrease in the diameter of said body at each side of said central portion, said decreasing diameter being terminated by a circular ridge portion at each end of said body, the diameter of each of said ridge portions being greater than the diameter of said central portion.

2,104,928
EXCAVATING MACHINE
George Jacobs, Detroit, Mich., assignor of one-third to Emil Geste and one-third to Joseph Grant, both of Detroit, Mich.
Application January 25, 1937, Serial No. 122,107
7 Claims. (Cl. 37—130)



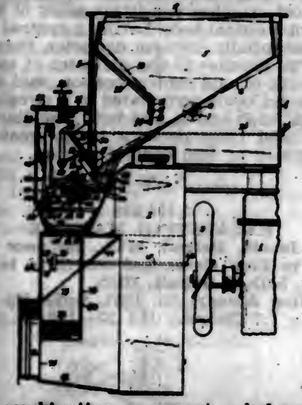
1. An excavating machine for alluvial earth deposits consisting of a propellable chassis, an upwardly extending rotatable spindle at one edge of said chassis, earth agitating arms carried by said spindle and extending well beyond the projected area of said chassis, a shield or housing for the spindle and arms and enclosing the latter for the greater portion of the periphery thereof, but open over the earth contacting portion, a closure member at the bottom of said housing and having a discharge opening, a receiver for earth discharged from said housing, and means for rotating said spindle as said chassis is propelled.

2,104,929
SHAVING DEVICE
William J. Kendall, Lansing, Ontario, Canada
Application June 4, 1936, Serial No. 83,436
11 Claims. (Cl. 30—43)



11. In a mechanism of the described class, a hollow shear bar having longitudinal slots defining an intermediate working portion cylindrically curved and arcuately slotted along each side of its longitudinal center line to provide shearing teeth.

2,104,930
PLANT DUSTING MACHINE
Charles Mackintosh, deceased, late of Ukiah, Calif., by Effie Mackintosh, executrix, Ukiah, Calif., assignor of one-half to Frank A. McDonald, San Francisco, Calif.
Application March 15, 1935, Serial No. 11,328
10 Claims. (Cl. 221—118)



7. In combination, a support, a balanced hopper rockably supported thereby and having an inclined bottom wall with an outlet at its lower end, a gate carried by the support and being positioned adjacent to the outlet end of the hopper for controlling the flow of material from the hopper as it is rocked, and manually controlled means for opening the gate.

2,104,931
CAP FORM FEEDING ATTACHMENT FOR PAPER BOTTLE CAPPING MACHINES
Irving F. Mandell, North Quincy, Mass., assignor to Reinforced Paper Bottle Corporation, New York, N. Y., a corporation of Delaware
Application July 14, 1934, Serial No. 90,575
8 Claims. (Cl. 271—37)

1. A cap form feeding device comprising a magazine for holding a vertical stack of cap forms, a perforated suction pad, a pivotally mounted suction tube leading thereto, means for lowering the pivotal mounting of the tube in a vertical plane to carry the tube downward and the pad into proximity to the uppermost cap form to draw the same into contact therewith and



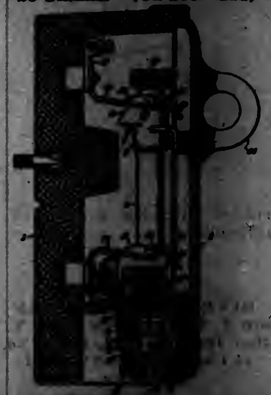
for then raising the tube and its mounting, means for swinging the pad bearing end of the tube forward to convey the cap form adhering thereto to a point of deposit, and means for temporarily cutting off the suction from the tube to release the cap form.

2,104,932
SIGNAL
Alvin O. Olafson, St. Paul, Minn., assignor to National Traffic Signal Company, St. Paul, Minn., a corporation of Minnesota
Application August 4, 1930, Serial No. 472,806
6 Claims. (Cl. 177—337)



1. A traffic signal comprising means to signal traffic to go, means to signal traffic to stop, a plurality of switches, circuits each containing one of said switches, means for periodically and sequentially energizing said circuits, an electric motor, means connecting said circuits to said motor, means operated upon a predetermined travel of said motor to open said energized circuit through the said switch in last said circuit, and to close the circuit to be next energized through the switch in its circuit, means connected to said signaling means and operating to alternate their signal display when the said motor is operated, and means operated only when said motor is operated to continually indicate the time remaining before the said signal display is changed.

2,104,933
CUT-OUT
William O. Schultz, South Milwaukee, and Alvin G. Steinmeyer, Milwaukee, Wis., assignors to Line Material Company, South Milwaukee, Wis., a corporation of Delaware
Application June 15, 1936, Serial No. 85,214
28 Claims. (Cl. 200—114)



1. A fuse cutout comprising a support, a pair of vertically spaced stationary contacts, a substantially vertically positioned fuse tube normally connecting said contacts and subject to upward recoil to disconnect said fuse tube from said stationary contacts when properly supported from said support, and a fuse link carried by said fuse tube and normally restraining said fuse tube from upward motion, said fuse tube having at least one stationary contact normally electrically engaging a stationary contact, the recoil motion of said fuse tube moving the contact of said fuse tube away from the corresponding stationary contact.

2,104,934
RELIEF VALVE
Arthur G. Smith, York, Pa., assignor to S. Morgan Smith Company, York, Pa., a corporation of Pennsylvania
Application November 5, 1936, Serial No. 109,230
3 Claims. (Cl. 137—63)



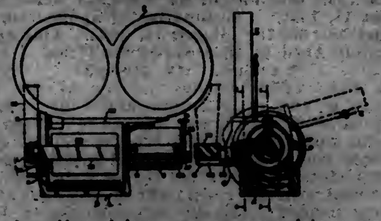
3. A pressure relief valve comprising a casing having a chamber adapted to be directly connected to a header, a piston valve mounted in said casing for controlling communication from the chamber to a free discharge, said piston valve having a piston mounted in a cylinder of greater area than the diameter of the main body portion of the valve, a passage for providing communication between the chamber in said cylinder on the lower side of said piston and said header, two passages of different areas leading into the chamber on the upper side of the piston from a check valve chamber, means for supplying fluid under pressure to said check valve chamber and for exhausting fluid therefrom, and a check valve mounted within said check valve chamber and adapted to alternately control communication from the check valve chamber to said two passages whereby fluid under pressure is supplied to the upper piston chamber through the smaller passage and fluid is exhausted from the upper piston chamber through the larger passage, the latter passage being closed by the check valve when fluid is supplied to the upper piston chamber through the smaller passage.

2,104,935
BRIEF CASE OR THE LIKE
Samuel Salesman, New York, N. Y.
Application April 9, 1936, Serial No. 73,445
8 Claims. (Cl. 150—1.6)



7. A brief case including front and back sections and flexible gussets of substantially uniform width connecting all edges of said sections, partitions connected to the bottom and side gussets and predetermining the line on which said gussets fold, said top gusset having a longitudinal slit therein, separable fastener means to close the slit, and elongated stiff reenforcing devices extending lengthwise of the top gusset at opposite sides of the slit and predetermining fold lines in said gusset which form continuations of the fold lines in the other gussets.

2,104,936
FOCUSING DEVICE FOR MOTION PICTURE CAMERAS
Robert Colby Stevens, Beverly Hills, Calif., assignor to Fox Film Corporation, Los Angeles, Calif., a corporation of New York
Application July 23, 1935, Serial No. 32,714
26 Claims. (Cl. 88—16)



1. A motion picture camera comprising: a yoke having a photographing aperture in the front end

thereof and an optically aligned focusing aperture in the opposite end; a camera case having a photographing aperture and a focusing aperture centrally disposed in the front end thereof and a focusing aperture in the opposite end optically aligned with the focusing aperture in the front end of the camera, and means for rotatably mounting said case in said yoke so that the case may be rotated to selectively register the photographing aperture or the focusing aperture in the camera case with the photographing aperture in the yoke.

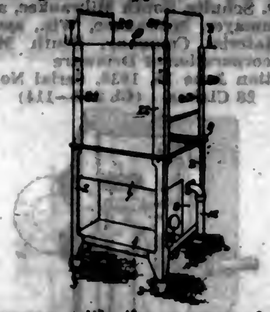
2,184,827
BOILER SUPERHEATER
Charles S. Turner, Detroit, Mich.
Application September 7, 1934, Serial No. 742,863
8 Claims. (Cl. 122—481)



1. In a locomotive construction, in combination with a fire tube boiler having a firebox at one end and a smoke box at the other and including fire tubes connecting said firebox and smoke box, said boiler also being provided with a collecting dome for saturated steam located above the water level, a superheater assembly comprising integrated steam and water conduit portions looped through the firebox and terminating at their upper extremities appurtenant the dome, said steam conduit portions having inlet means within the dome, the water conduit portions having discharge portions above the water level, at least the steam conduit portions of said assembly extending through the fire tube portion of the boiler and having discharge portions appurtenant the smoke box, and controllable water inlet means for the lower ends of the water conduit portions.

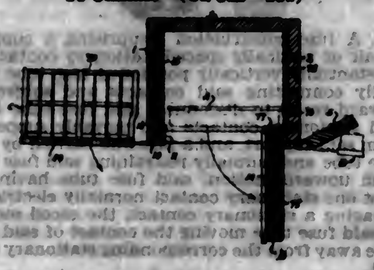
2,184,838
FRAMEWORK AND CASING FOR DISHWASHING MACHINES
George Webb, West Hartford, Conn., assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn., a corporation of Connecticut
Division of application Serial No. 599,747, March 18, 1932, now Patent No. 2,051,232, dated August 18, 1936. Continuation of application Serial No. 660,731, March 15, 1933. This application April 19, 1935, Serial No. 17,306
7 Claims. (Cl. 220—83)

1. For a dishwashing machine of the type having a tank at the bottom and a dish support and spray devices above the tank, a main enclosing casing for the dish support and the spray devices comprising two vertical metallic sheets bent to form four vertical corner structures and arranged with the main walls at two sides of the casing formed integrally with the corner structures to which they are respectively adjacent, the corner structures adjacent the remaining two sides of the casing being additionally bent to provide two pairs of opposite vertical door re-



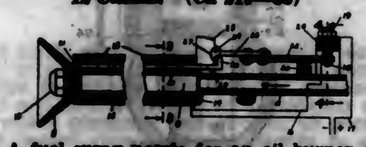
ceiving grooves with the grooves of each pair open toward each other.

2,184,909
REFRIGERATOR SHELF
John T. Whalen, New York, N. Y.
Application June 11, 1934, Serial No. 729,960
14 Claims. (Cl. 312—121)



9. A refrigerator including in combination a cabinet having a door at the front, a rectangular shelf mounted within the cabinet and slidably movable partially outside the cabinet through the opened door, and means for moving the shelf through an arc substantially greater than ninety degrees while maintaining the shelf in its original horizontal plane.

2,184,940
OIL BURNER
Horace E. Wesbery, St. Paul, Minn.
Application September 12, 1936, Serial No. 100,480
12 Claims. (Cl. 219—38)



8. A fuel spray nozzle for an oil burner comprising a tubular member terminating in an ejector head, said tubular member having a longitudinal extending recess, an electric heating element disposed about the nozzle and annularly enclosing said recess, a thermostatic bar disposed in said recess, so as to be responsive to the temperature of said nozzle member, and extending at one end beyond the heating element, a circuit for supplying the heating element, and a switch in said circuit operatively connected with said bar end for actuation thereby.

2,184,941
RUG EDGE CANTER
Harold H. Raynton and James William Foster, Freehold, N. J., assignors to A. & M. Karaghensian, Inc., New York, N. Y., a corporation of Delaware
Application June 4, 1935, Serial No. 24,940
5 Claims. (Cl. 154—49)



1. A rug comprising a tufted stitched fabric, selvedge side strips of the fabric extending beyond the marginal stitched rows of tufting and folded back on the pile fabric, and a layer of fabric cemented over the tufted fabric including the turned-back selvedge side strips, the cement locking the loops of the tufts against removal.

2,184,962
PRESSURE BAILER
Elmer L. Condra, Long Beach, Calif.
Application January 13, 1936, Serial No. 58,797
7 Claims. (Cl. 166—19)



1. A bailer comprising a casing, a tube, said casing and tube being telescopically joined together, a conduit, said conduit being closed at the top and seated against the lower end of the casing whereby a valve is provided between the casing and tube said conduit being within the tube, spring means urging the conduit against the casing, a tapered surface in the tube, balls mounted around the conduit, a cooperating surface on the conduit engaged by the balls, said balls being movable transversely of the conduit when engaging the tapered surface, whereby the conduit is moved off of its seat.

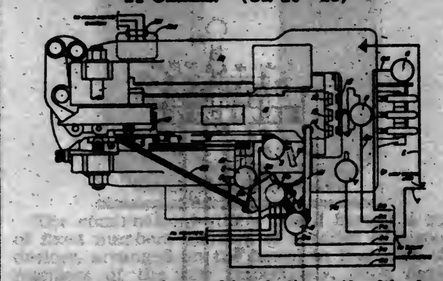
2,184,963
BATHING SUIT
Simone d'Achon, Paris, France, assignor to La Société à Responsabilité Limitée dite "Irmsone," Paris, France, a limited liability corporation of France
Application May 28, 1934, Serial No. 728,630
In France June 10, 1933
3 Claims. (Cl. 2—97)

1. A bathing suit formed of elastic material, comprising a front and a back portion, the upper part of the suit terminating short of the shoulders of the wearer, and the back being cut extremely low, and a member, resilient in a transverse direction, along the upper edge of the front part and having, in prolongation, straps



extending to the rear part, where they cross each other below the back opening and between said opening and the waist line, after which they can be secured in their overlapping and tautened position.

2,184,994
MACHINE FOR MAKING BOLTS
John H. Friedmann, Tiffin, Ohio, assignor to The National Machinery Company, Tiffin, Ohio, a corporation of Ohio
Application November 13, 1935, Serial No. 49,479
14 Claims. (Cl. 10—23)



1. A machine for making bolts or the like having a co-operating bed frame and reciprocating header slide tools, an electric motor to drive said machine, a safety mechanism on said machine arranged to reverse the directional force or rotation of said motor upon mechanism actuation, and means to discontinue the application of said reversing force upon the stopping of said machine.

2,184,995
ELECTRIC PLUG LOCK
James G. Guinn, Vivian, La.
Application July 3, 1936, Serial No. 88,531
2 Claims. (Cl. 173—343)

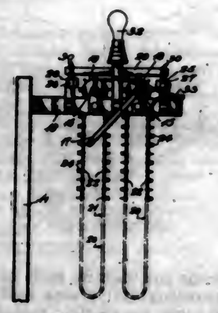
1. An electrical connector comprising a socket member, a plug member adapted to rotatably and slidably fit in said socket member, said plug having a central reduced shank extending longitudinally from its inner end, said shank being square in cross section and having opposed longitudinal recesses in two sides of the shank, V-shaped contact arms having one end attached to the inner side walls of said socket member and their free ends extending in a direction towards the bottom of the socket member, and contact strips disposed in the recesses of said shank adapted to be engaged by the free ends of said contact arms when the plug and socket members are fitted together,

said contact strips being released from engagement with said contact strips only upon rotation



of said plug member through an angle of 90 degrees with respect to said socket member.

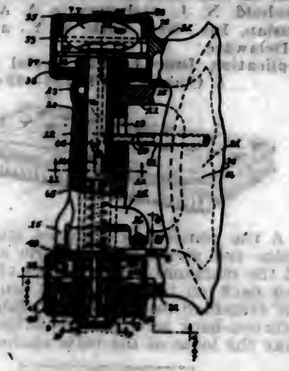
2,104,946
PATTERN TESTING ATTACHMENT FOR DOBBY LOOMS
Odus Cromer Hinson and Counsell Claudius Dawson, Cramerton, N. C., assignors to Cramerton Mills, Cramerton, N. C.
Application December 10, 1936, Serial No. 115,312
5 Claims. (Cl. 72—51)



1. A pattern testing device for dobby looms, comprising a master pattern chain having properly placed pins, a duplicate pattern chain having pins whose position is to be tested, a pair of rotating parallel drums on which the two chains are mounted, a series of pivotally mounted contact bars the opposite ends of which are adapted to be simultaneously engaged by the pins in said chains when the pins in the duplicate pattern chain are properly placed, while only one end of a bar is engaged when a pin is out of place, thereby tilting the bar, and visible means actuated by the tilting of a contact bar to indicate to the operator that the pattern being tested is incorrect.

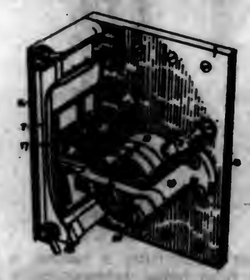
2,104,947
SANITARY DEVICE
Lee B. Jeesten, Grand Rapids, Mich.
Application June 27, 1935, Serial No. 28,693
2 Claims. (Cl. 4—236)

1. In a construction of the class described, a bowl, a seat hinged thereto, a cover also hinged thereto, means for retaining said cover in a raised position, a stop for limiting the upward movement of said seat, a spring for urging said seat upwardly against said stop, and means actu-



ated by a second upward movement of said seat for releasing said cover from its raised position.

2,104,948
MOTION PICTURE CAMERA
Grover Laube, Los Angeles, Robert Colby Stevens, Beverly Hills, and Charles Melvin Miller, Los Angeles, Calif., assignors to Fox Film Corporation, Los Angeles, Calif., a corporation of New York
Application May 31, 1935, Serial No. 24,240
10 Claims. (Cl. 88—18.4)



1. In a camera of the character described a film moving mechanism comprising: a take-down arm pivotally mounted at one end thereof with the free end extending short of engagement with the film; a slideway on said arm intermediate the pivot point and the free end thereof; a sliding member on said slideway; a drive shaft having an eccentric pivot thereon connected to said sliding member; a cam mounted on said shaft and adapted to rotate therewith and a take-down pin slidably mounted in the free end of said arm and adapted to engage said cam to be moved into and out of a film engaging position.

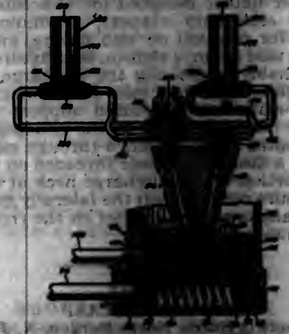
2,104,949
CRYSTALLINE FORMATION
Alvin M. Marks, Whitestone, N. Y.
Application March 22, 1933, Serial No. 662,690
18 Claims. (Cl. 23—1)

15. An article of manufacture, comprising a supporting medium having a substantially rigid surface coated with an optically active substantially continuous crystalline layer directly crystallized thereon from solution, and forming effec-



tively a single crystal of substantially uniform optical orientation.

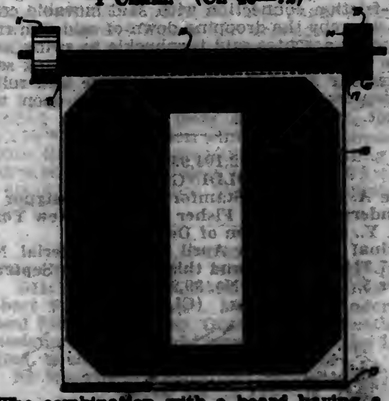
2,104,950
IRONING MACHINE
Andrew O. McCollum, Detroit, Mich., assignor to Hydraulic Brake Company, Detroit, Mich., a corporation of California
Application March 1, 1934, Serial No. 713,596
18 Claims. (Cl. 38—35)



10. An ironing machine comprising a frame including a hollow column, an arm pivoted to the column having a part extending into the column, a head supported by the arm, manual means for moving the arm to swing the head into and from operative position, a lever pivoted on the frame cooperating with the arm and adapted to lock the arm against movement when the head is in operative position, a bunk for cooperation with the head, fluid pressure means for actuating the buck including a relief valve, means for actuating the fluid pressure means including means for actuating the relief valve, and means associated therewith for tripping the lever and actuating the means for moving the head to inoperative position.

18. An ironing machine comprising a pressure producing device including a fluid reservoir, a spring-pressed piston in the reservoir for creating pressure on the fluid in the reservoir, a cylinder communicating with the reservoir, a valve controlling the communication between the cylinder and the reservoir inhibiting flow of fluid from the cylinder to the reservoir, a piston reciprocable in the cylinder, a spring interposed between the piston and the valve for retaining the valve on its seat and for returning the piston to its retracted position, a chamber communicating with the cylinder and the reservoir, a check valve controlling the communication between the chamber and the cylinder inhibiting flow of fluid from the chamber to the cylinder, a relief valve controlling the communication between the chamber and the reservoir, a circulatory fluid line having its outlet and return communicating with the chamber intermediate the check valve and the relief valve, a member in the chamber between the outlet and return of the fluid line providing means for circulating the fluid through the chamber, fluid pressure actuated means connected in the circulatory fluid line, a buck connected to the pressure actuated means to be moved thereby, a head cooperating with the buck, and means for actuating the piston and relief valve successively.

2,104,951
DISPLAY DEVICE
George H. Beverman, Miami, Fla.
Application July 16, 1937, Serial No. 154,035
1 Claim. (Cl. 40—72)



The combination with a board having a row of fixed numbers thereon, of a series of display devices, arranged on the board in line with the numbers of the row respectively, each device comprising a pair of spools having annular grooves on their inner faces and freely rotatable metal rings fitting loosely in said grooves and a set of hinged panels supported in overlapping relation on the board and movable behind or in front of each other to expose any desired panel, the panels having rods at the top which fit loosely on the rings in said grooves.

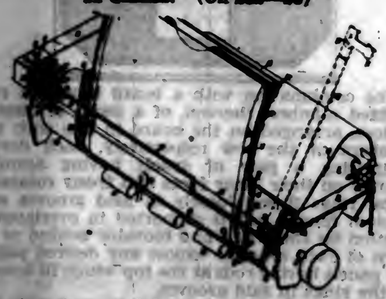
2,104,952
SWITCH FOR FIRE PREVENTION DEVICES FOR MOTION PICTURE MACHINES
Edmond Seslens, St. Boniface, and Celestin Moreau, Notre Dame des Lourdes, Manitoba, Canada
Application January 22, 1935, Serial No. 2,154,
1 Claim. (Cl. 200—52)

In a fire prevention device for moving picture machines including means for stopping the motor and interrupting the light beam upon the breaking of the film; a film riding roller mounted in a swingable frame, said roller and frame being adapted to drop down upon the breaking of the film, a turnbuckle having one end attached to said frame, a yoke swingably mounted at its base to a support, the other end of said turnbuckle being pivotally connected to said yoke between the

free end thereof and the base, a link having one end pivotally connected to the free end of said relay, a rocker bar pivotally mounted between its ends to a support, one end of said rocker bar being pivotally connected to the other end of said link, an anti-friction roller freely mounted on the other end of said rocker bar, a substantially horizontally disposed movable contact bar pivotally connected at one end to a support, a stationary contact above said bar, spring means normally maintaining said bar in engagement with said stationary contact, said roller having an anti-friction connection with said movable contact whereby the dropping down of said film riding roller actuates said turnbuckle to swing said yoke whereby to actuate said link to swing said rocker bar about its pivot and cause said roller to depress said movable contact to open the circuit.

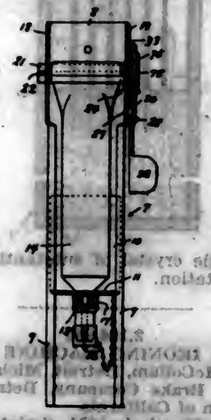


2,104,953
MANIFOLDING DEVICE
Jesse A. B. Smith, Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Original application April 22, 1932, Serial No. 607,224. Divided and this application September 5, 1935, Serial No. 39,220
11 Claims. (Cl. 282—38)



1. A carbon-pack having a plurality of carbons joined at their lateral sides to ride a continuous work-web whose plies are threaded between adjacent carbons while several lines of the work-web are being typed, the carbons at the face of the pack being folded transversely to form a loop co-operative with a stop blade mounted adjacent a typewriter-platen above the printing point for arresting the pack, and a gage on said pack for collating a separate superposed work-piece with the work-web, said gage being in the form of a transverse strip of flexible and resilient material secured to the pack in juxtaposition to the back of said loop, said strip, in the direction of its narrow dimension, overlapping the bottom of said loop so as to be foldable around the loop to project outwardly from the face of the pack to form a stop-flange against which the lower edge of said work-piece is stoppable for collating said work-piece.

2,104,954
DEVICE FOR EXPRESSING CONTENTS FROM COLLAPSIBLE TUBES
Clinton Stanton, Toledo, Ohio
Application October 2, 1936, Serial No. 103,752
2 Claims. (Cl. 221—60)



1. In a device of the class described including an adapter fixture designed for attachment to a relatively stationary support, a winding drum mounted for rotation on said fixture, means for actuating said drum, a slide on said fixture, means for detachably connecting the discharge neck of a collapsible tube with said slide, comprising a laterally extending apertured support on said slide, the discharge neck of the collapsible tube being adapted to be extended through said aperture, and a discharge nozzle threaded on the projecting portion of the discharge neck of the tube into pressure contact with the laterally extending support, and a removable cap on the free end of said discharge nozzle.

2,104,955
GARMENT CLASP
Ludwig Stark, North Bergen, N. J.
Application May 20, 1936, Serial No. 80,697
2 Claims. (Cl. 24—230)



1. In a garment clasp, comprising a pair of jaw members pivotally connected intermediate of their ends, a locking member mounted on one of said members and disposed between the tail ends of said members and movable to a position to hold said jaw members closed, said locking member having an inner U-shaped end with a trunnion the elements of which pivotally engage one of said members, and one of said jaw members having a tail portion curved to conform with and engaging and terminating against the bend of said U-shaped portion when the locking member is in the same plane with the jaw members, said U-shaped portion being adapted to be moved out of position between the tail ends of said members for opening said members.

2,104,956
PURIFICATION OF HYDROCARBONS
Georg Stein, Merseburg, and Werner Reese, Leuna bei Merseburg, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application March 20, 1935, Serial No. 11,962. In Germany March 21, 1934
2 Claims. (Cl. 260—171)

1. A process for the purification of a hydrocarbon mixture containing several acyclic dienes and several straight chain olefines and for the separation of the individual dienes present in the form of their addition products which comprises treating this mixture with an α,β-unsaturated aliphatic carbonyl compound whereby the individual dienes present are substantially completely separated from each other by adding this compound in portions to the said mixture, additions compounds of the said aliphatic carbonyl compound with the said dienes thus being formed, and separating from the hydrocarbon mixture the said addition compounds before adding a further portion of the said aliphatic carbonyl compound whereby a separation of the individual dienes present is effected.

2,104,957
PROCESS OF REDUCING THE VISCOSITY OF CELLULOSE DERIVATIVES
Kurt Thinius, Rheindorf, Cologne, Germany, assignor to Deutsche Celluloid-Fabrik, Eilenburg, Germany, a corporation of Germany
No Drawing. Application June 13, 1936, Serial No. 85,206. In Germany June 15, 1935
3 Claims. (Cl. 260—231)

1. In a process of treating cellulose derivatives containing nitro-groups to eliminate and stabilize the same and to reduce the viscosity thereof which comprises heating the dissolved cellulose derivatives in an aqueous medium under pressure at a temperature of from 100° C. to 150° C., the step of oxidizing the volatile products formed during said pressure heating and using said oxidized products as oxidizing agents for the pressure heating.

2,104,958
SMOKE BOX CONSTRUCTURE
Le Roy Thompson, Rabun, Ga.
Application February 15, 1937, Serial No. 125,630
2 Claims. (Cl. 110—97)



1. In a locomotive structure, a smoke-box, a smoke-stack and an injection nozzle arranged in vertical alignment in the top and bottom of the smoke-box and spaced intermediately in the longitudinal extent of the smoke-box, partition walls within the smoke-box defining a passageway for products of combustion from the rear to the front end of the smoke-box and thence rearwardly again to the smoke-stack, such passageway being of reduced cross-sectional area at the point where it turns rearwardly, and a bank of horizontally extending cinder-crushing louvre plates arranged athwart the passageway immediately to rearward of such point of reduced cross-sectional area and beyond such point of reduced cross-sectional area, so far as concerns the direction of stream-flow, the lower edge of each superior louvre plate overlapping the upper edge of the next lower louvre plate, whereby cinders borne on the stream of products of combustion are caused when traveling at maximum speed to impinge upon the surfaces of the louvre plates and the broken particles are borne thence at diminished speed.

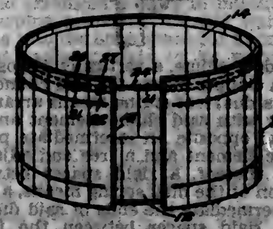
2,104,959
PURIFICATION OF SUGAR JUICES
George E. G. van Eijnatten, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application September 17, 1934, Serial No. 744,597
10 Claims. (Cl. 127—50)

5. A method of purifying beet sugar solutions which comprises lining the solution, adjusting the hydrogen ion concentration of the limed solution to from about 5×10^{-11} to about 8×10^{-11}, separating the resulting precipitate, increasing the hydrogen ion concentration of the partially purified solution to from about 10^{-9} to about 2.5×10^{-9} by carbonating while adding ammonium sulfite thereto and subsequently decreasing the hydrogen ion concentration to from about 3×10^{-9} to about 10^{-10} and again separating precipitated impurities.

2,104,960
PROCESS FOR THE MANUFACTURE OF DIHYDROXY ISODIBENZANTHRONE
Robert Fraser Thompson, Ian Bleiku Anderson, and Sidney Thornley, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application July 15, 1936, Serial No. 91,469
2 Claims. (Cl. 260—61)

1. In the process of oxidising isodibenzanthrone to dioxy-isodibenzanthrone in sulfuric acid, the steps which comprise carrying out the oxidation in an acid concentration of from 88 to 93% at emperatures of from 0 to 25° C.

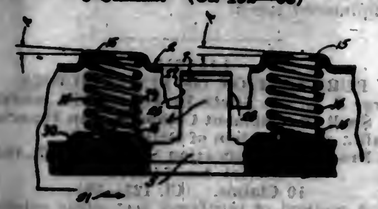
2,104,961
WOODEN TANK
Jay P. Walker, Tulsa, Okla., assignor of forty percent to Guy O. Marchant and six percent to C. G. Wells, both of Tulsa, Okla.
Application April 16, 1936, Serial No. 74,695
10 Claims. (Cl. 217—97)



1. A tank including, a side wall and a bottom and a top, the side wall and top being composed of staves having moisture joints therebetween

arranged so that the joints of the top cannot drain into the joints of the side wall, whereby the supply of moisture to the joints of the top and side walls may be separately regulated.

2,104,962
FRICTION CLUTCH
Arthur W. Andersen, Chicago, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application August 24, 1936, Serial No. 97,569
5 Claims. (Cl. 192—68)



1. In a friction clutch, a cover plate, a pressure plate disposed within the confines of the cover plate, said cover plate having portions adapted to contact with portions of said pressure plate whereby to transmit torque from the former to the latter, said contacting portions being so arranged as to provide for axial movement of the pressure plate relative to the cover plate and compression springs interposed under compression between the opposed faces of the cover plate and pressure plate, and arranged relative thereto in such manner as to distort the springs when under compression to urge the opposite ends of each spring to shift out of axial alignment.

2,104,963
ELECTRIC DOOR CHIME
Edwin G. Anderson, San Diego, Calif.
Application May 21, 1934, Serial No. 726,966
3 Claims. (Cl. 116—149)



1. In a door chime, a vertically disposed chime element, a clapper means for said chime element including a dual leaf spring means arranged longitudinally with said chime element and having a fixed end opposite an intermediate portion of said chime element and a free end adjacent the extremity thereof, a rigid spacer between the free portion of the dual spring means, a yieldable spacer intermediate the ends of said dual spring means, a rigid spacer between the fixed end thereof, and a striker at the free end of the spring means engageable with the upper end of the chime element.

2,104,964
PYROPHORIC LIGHTING MECHANISM
Louis V. Arvanson, Newark, N. J., assignor to Art Metal Works, Inc., a corporation of New Jersey
Application March 20, 1935, Serial No. 12,036
3 Claims. (Cl. 67—4.1)



2. In a pyrophoric lighter, a sparking device comprising relatively movable members one of which is a pyrophoric element and another of which is a serrated element constable therewith, a spring motor, means for supplying said spring motor with energy sufficient to operate said sparking device a plurality of times, mechanism for releasing an increment of said energy to thereby operate said sparking device, and a torch arrangement for operating said mechanism, said torch arrangement comprising a wick positioned, when said mechanism is operated, in the path of sparks produced by said sparking device.

2,104,965
FLAME PRODUCING MECHANISM
Louis V. Arvanson, Newark, N. J.
Application May 23, 1934, Serial No. 727,066
4 Claims. (Cl. 67—4.1)



4. In combination, a casing, pyrophoric spark-producing means, a horizontal member connected to said spark-producing means, said horizontal member being mounted for reciprocatory movement while remaining in a horizontal position, spring means for operating said reciprocatory member, a vertical sleeve slidable vertically in said casing, means comprising a manually actuatable torch for operating said vertical sleeve to store energy in said spring means, a second vertical member slidably disposed adjacent said reciprocatory member, and means forming a disengageable connection between said second vertical member and said reciprocatory member.

2,104,966
PARACHUTE
Orvell A. Baker, San Gabriel, Calif.
Application November 27, 1935, Serial No. 51,703
2 Claims. (Cl. 244—145)

1. In a parachute, two spaced-apart canopies, both provided with central openings, a bulbous member secured over each of said central openings and to said canopies, shroud lines extending between said canopies; both said canopies provided with panels, and the said shroud lines being secured to one of said canopies at alternate panels.



2,104,967
APPARATUS FOR MOUNTING RACEWAY MEMBERS ON LOCOMOTIVE CRANKPINS AND THE LIKE
Henry A. Bouguet, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application March 20, 1937, Serial No. 132,529
4 Claims. (Cl. 29—6.2)



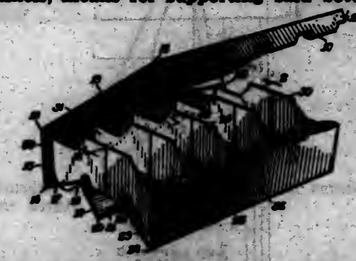
1. Apparatus for mounting roller bearings on hollow crank pins and the like, said apparatus comprising a threaded and headed through-bolt adapted to extend through said pin and having a nut on its projecting portion, a pilot sleeve whose inner surface has a sliding fit on said pin and whose outer surface is of a size to permit the inner raceway member of the bearing to slide on it, a pressure sleeve slidable on said pilot sleeve, and means for transmitting pressure from said nut to said sleeve.

2,104,968
PROCESS OF PREPARING PURIFIED GLYCYRRHIZINE
Simon Hendrik Bertram, The Hague, Netherlands
No Drawing. Application November 7, 1935, Serial No. 48,693. In Belgium November 10, 1934
5 Claims. (Cl. 260—199)

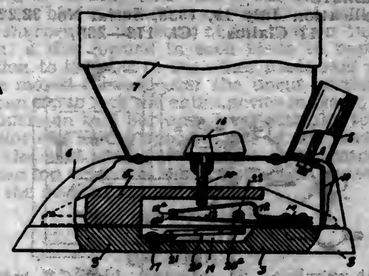
1. The process of preparing purified glycyrrhizine, which consists in treating the raw glycyrrhizinic acid with an alcohol capable of partially dissolving water but which is not homogeneously miscible in all proportions with water, treating the alcoholic solution with an absorbent medium, treating the resulting solution under strong agitation with a dilute solution of ammonium hydroxide, and separating the ammonium salt of glycyrrhizinic acid obtained.

2,104,969
CARTON
Martin Burger, Morris, Ill., assignor to Self-Locking Carton Co., Chicago, Ill., a corporation of Illinois
Application January 4, 1936, Serial No. 323
1 Claim. (Cl. 229—39)

A carton of the type described, comprising front and rear walls, cross partitions hinged to the upper portion of said walls, a bottom portion having inwardly and upwardly inclined outer sections and downwardly and inwardly inclined intermediate sections forming three longitudinal channels, means for supporting said bottom to said cross partitions, downwardly extending projections on the central portion of said cross partitions engaging the intermediate sections of said bottom portion, and upwardly extending cover-engaging projections opposite said downwardly extending projections.



2,104,970
AUTOMATIC TEMPERATURE CONTROLLER FOR ELECTRIC FLATIRONS, ETC.
Frank W. Carpenter, Minneapolis, Minn., assignor of one-half to Maurice H. Graham, St. Louis Park, Minn.
Application November 18, 1935, Serial No. 50,342
2 Claims. (Cl. 219—20)

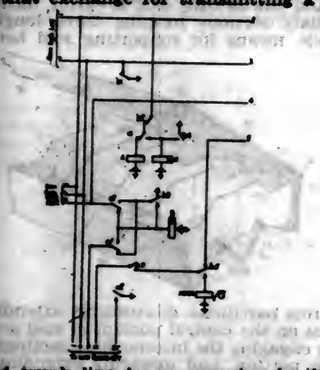


1. In a device of the kind described, the combination with a heat radiating plate having an electrical heat radiator associated therewith, of a supply circuit for said electrical heat radiator including a switch, and a switch actuator involving a short warp bar directly anchored to said radiating plate and provided with a relatively long non-warping extension arranged to control the opening and closing movements of said switch under varying temperatures of said radiating plate, said extension serving to multiply the angular warping movement of said warp bar and extending into the open space out of contact with said heat radiator plate in its varying switch operating movements.

2,104,971
TELEPHONE SYSTEM
Oliver Irving Carpenter and Benjamin Francis Moss, Coventry, England, assignors to The General Electric Company Limited, Coventry, England
Application December 2, 1935, Serial No. 52,532
In Great Britain December 19, 1934
7 Claims. (Cl. 179—27)

1. In a telephone system, an unattended exchange, a trunk line extending from said ex-

change to an attended exchange, means in the unattended exchange responsive to a fault on a line in that exchange for transmitting a signal



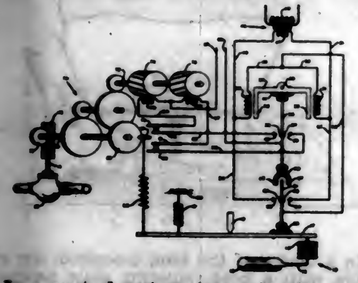
over said trunk line to an operator in the attended exchange, and means controlled over said trunk line by the operator for enabling such operator to ascertain the number of the faulty line.

2,104,972

MOTOR CONTROL SYSTEM

Lewis L. Cunningham, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware

Application July 19, 1935, Serial No. 32,224
11 Claims. (Cl. 172—239)



1. In a control system, in combination, a control member, a device to be positioned, electric motor means in control of said device, a switch in control of said motor means, electromagnetic means in control of said switch, a second switch in control of said electromagnetic means and controlled by the conjoint action of the motor means and said control member, and connections between said electromagnetic means and second switch by which the electromagnetic means increases the contact pressure of said second switch.

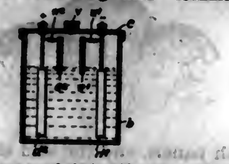
2,104,973

GALVANIC BATTERY

Adolf Dessler, Hagen, Germany

Application May 15, 1934, Serial No. 725,767
In Germany May 18, 1933
12 Claims. (Cl. 136—179)

1. In a galvanic battery comprising a receptacle containing an electrolyte with a gas chamber above the surface of the electrolyte and main electrodes in contact with the electrolyte, said main electrodes being capable of producing electrical energy in an external circuit connected therewith, means for preventing the accumulation of gas within the chamber above the electrolyte, such means consisting of a subsidiary electrode of gas-absorbing and -ionizing metal



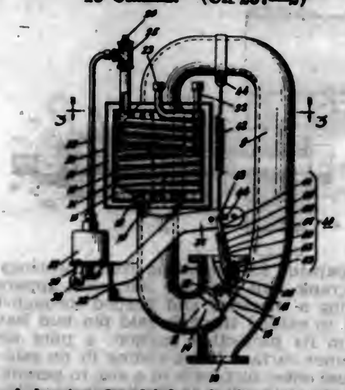
extending at one end into the gas chamber of the battery and at the opposite end into the electrolyte, and connected when the battery is in service to a source of electrical potential, relatively to the electrolyte.

2,104,974

FUEL HEATER FOR INTERNAL COMBUSTION ENGINES

Bailey P. Davee, Detroit, Mich.

Application June 15, 1936, Serial No. 85,263
15 Claims. (Cl. 257—2)



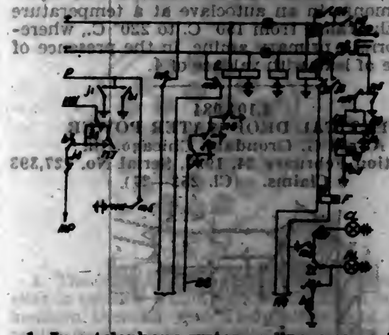
1. A heater for higher boiling distillates utilizable as fuel for an internal combustion engine comprising a conduit through which the hot exhaust gases from the engine are passed, a reservoir containing a liquid in heat exchange relation with the said conduit, a heating chamber through which the higher boiling distillate is passed mounted within the reservoir in spaced relation with the conduit and in heat exchange relation with the said liquid whereby a heat exchange is effected between the hot exhaust gases in the conduit and the distillate in the heating chamber, a valve for controlling the flow of hot exhaust gases through the said conduit, and heat responsive means for operating the said valve to control the flow of hot exhaust gases through the conduit, said heat responsive means including a thermo-expandible liquid in heat exchange with said aforementioned heat exchange liquid, said thermo-expandible liquid having a predetermined volume at a predetermined temperature to which said fuel distillate is heated, a fluid pressure responsive element actuated by the hydraulic pressure created by the expansion of the said thermo-expandible liquid beyond the said predetermined liquid volume as the temperature of the said thermo-expandible liquid increases and operative connections between said fluid pressure responsive element and the said valve whereby the valve is actuated to control the flow of exhaust gases through said heater conduit.

2,104,975

TELEPHONE SYSTEM

Reginald Griffith Bines, Chiswick Park, London, England, assignor to Siemens Brothers & Company Limited, London, England

Application November 9, 1935, Serial No. 49,663
In Great Britain November 14, 1934
4 Claims. (Cl. 179—18)



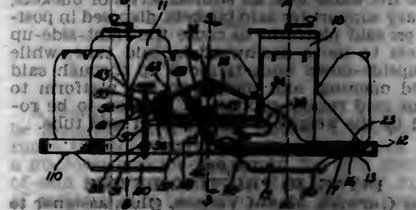
1. In a telephone system, a line, a second line, a group of finders having access to said second line, a start circuit for said finders, means responsive to the establishment of a connection between the first and second lines for placing a calling condition on the second line, thereby closing said start circuit, means responsive to the closure of said start circuit for starting a finder if one is available, means effective if all the finders are busy for transmitting a signal through the established connection between the first and second lines, and means individual to the first line and responsive to the signal for removing the calling condition on the second line.

2,104,976

APPARATUS FOR AERIAL PHOTOGRAPHY

Leon T. Eliel, Pasadena, Calif.

Application February 20, 1934, Serial No. 711,423
23 Claims. (Cl. 95—18)



1. A device of the character described for aerial photography, including: a pair of multiple-lens cameras in side-by-side relation, one of said cameras being so placed relatively to the other of said cameras that it will photograph areas of terrain in the hiatuses between areas on said terrain photographed by the other of said cameras.

2,104,977

CRAVAT OR NECKTIE

Marcus Page Rollins and Katherine Howard Rollins, Dallas, Tex.

Application February 10, 1936, Serial No. 63,189
2 Claims. (Cl. 2—145)

1. A cravat having its opposite longitudinal edges folded from end to end thereof, a reinforcing means located within the folds from end to end thereof, and stitching closely adjacent to said



reinforcing means for retaining said reinforcing means within the folds.

2,104,978

CAN OPENER AND COVER

Edwin J. Evans, Venice, Calif., assignor to E. B. McCabe, Salt Lake City, Utah

Application September 26, 1934, Serial No. 744,810
2 Claims. (Cl. 220—51)



1. In a milk can opener and cover the combination of a closed cylindrical cover to fit over the end of a milk can; a bar mounted transversely of said cover; depending piercing blades formed by turning each end of the bar down so that the blades extend transversely of said bar and sharpening the ends of the portion turned down; a slot formed in each blade in opposed relation to the slot in the other blade said slots to be moved forward over the uncut portion of the can top to lock the entire device in place; and shoulders on said bar on a level with the top of the slot and at the opposite side of the blade to said slot said shoulders to close the opening in the can top when the blades have been rotated to lock the device onto the can.

2,104,979

DIE BLOCK

William F. Finkl, Chicago, Ill., assignor to A. Finkl & Sons Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application August 7, 1935, Serial No. 35,164
4 Claims. (Cl. 75—69)

1. A die block for hot forging made of steel alloy consisting of carbon ranging from .25 to 1.10%, chromium .25 to 1.50%, molybdenum .05 to 2.00%, copper .25 to 6.00%, and the balance essentially all iron.

2,104,980

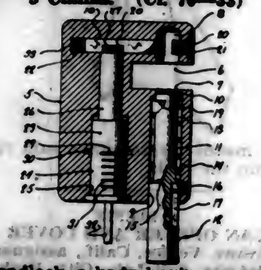
STEEL ALLOY

William F. Finkl, Chicago, Ill., assignor to A. Finkl & Sons Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application March 4, 1936, Serial No. 67,969
12 Claims. (Cl. 75—125)

1. A die block for hot forging characterized by its resistance to thermal rupture and substantial uniformity of hardness at working hardnesses, which comprises as its principal alloying elements carbon ranging from .30 to 1.00%, chromium from .25 to 1.25%, molybdenum from .05 to 2.00%, nickel from .50 to 2.50%, and copper from .25 to 4.00%, the remainder being substantially all iron.

2,104,961
LOCK
Bernard S. Falk, Leominster, Mass., assignor to Independent Lock Company, Fitchburg, Mass., a corporation of Massachusetts
Application November 6, 1936, Serial No. 109,414
5 Claims. (Cl. 70—33)



1. In a padlock, a body having spaced portions between which a part or parts to be locked are receivable, a shackle movable in the body to and from a locked position extending across the space between said spaced portions so as to pass through the part or parts to be locked whereby the active portion of the shackle is substantially entirely covered by the part or parts to be locked to prevent access to said active portion of the shackle, a spring to yieldingly urge the shackle to an unlocked position, a spring urged latch slidable endwise into interlocking engagement with the shackle to hold the same in its locked position, and key controlled means for retracting the spring urged latch to free the shackle for spring actuated movement to its unlocked position.

2,104,962
SEAT STRUCTURE
Arthur E. Forester, Cincinnati, Ohio
Application December 30, 1936, Serial No. 118,344
6 Claims. (Cl. 304—24)



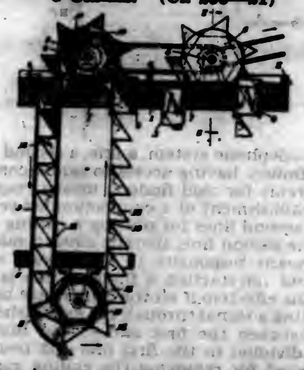
1. In a seat structure, a seat member, legs on said seat member, arms extending forwardly therefrom and having downwardly extending portions, and a toggle member connected with one at least of said arms, whereby said structure may be placed in position with the leg engaging an abutment to prevent movement in one direction and the toggle member engaging beneath an abutment and preventing movement of the device in the opposite direction, the said leg resting on an exterior horizontal abutment to support the seat and the said toggle also preventing tilting movement of said seat.

2,104,963
AMMONOLYSIS OF HALOGENO-AROMATIC COMPOUNDS TO PRODUCE AMINES
Robert Frye, Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application May 16, 1936, Serial No. 80,413
14 Claims. (Cl. 260—130.5)

8. The process of preparing nitraniline which comprises treating nitro-chloro-benzene with aqueous ammonia in an autoclave at a temperature within the range from 150° C. to 220° C. whereby to form nitraniline in the presence of lead dioxide and a salt of a weakly ionized acid which is water-soluble in the autoclave under the conditions of reaction.

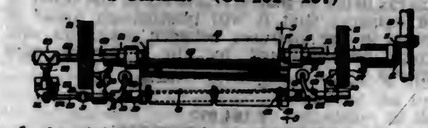
13. The process which comprises treating a halogen substituted benzene nucleus with aqueous ammonia in an autoclave at a temperature within the range from 150° C. to 220° C., whereby to form a primary amine, in the presence of an oxide of lead with valence of 4.

2,104,964
VERTICAL DROP WATER POWER
Alfred G. Grendahl, Chicago, Ill.
Application February 24, 1937, Serial No. 127,393
5 Claims. (Cl. 253—21)



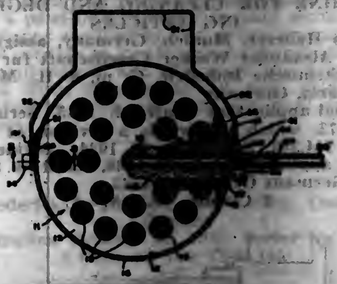
1. In water power apparatus, a horizontal platform for receiving a stream of water, having means to maintain a body of water thereon of the desired depth, means forming a walled opening in said platform, with the upper edge thereof disposed above the water line, so that normally the water will not overflow through said opening, a tube extending downwardly through said platform, with the open upper end thereof normally below the water line, an endless series of buckets, a rotary support for said buckets, disposed in position on said platform to cause the right-side-up buckets to move downward in said tube, while the upside-down buckets move up through said walled opening, and means on the platform to mount said rotary support in position to be rotated by the weight of the water in said tube.

2,104,965
INTAGLIO PRINTING DEVICE
Irving Gurwick, Mount Vernon, Ohio, assignor to Shellmar Products Company, Mount Vernon, Ohio, a corporation of Delaware
Application July 14, 1936, Serial No. 90,542
2 Claims. (Cl. 101—157)



1. An etched cylinder, a doctor blade mounted adjacent said cylinder in angular relation with respect thereto, a carrier for said doctor blade, universal joints on the ends of said carrier, horizontal shafts connected to said universal joints in different vertical positions, and means for transversely reciprocating said shafts.

2,104,966
WATER SOFTENER AND METHOD OF SOFTENING WATER
Helmer M. Haagensen, Excelsior, Minn.
Application April 11, 1935, Serial No. 15,812
9 Claims. (Cl. 210—24)



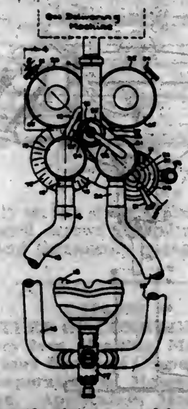
1. The method of softening water, which consists in causing water to flow through a softening medium therefor into a container, and concurrently moving said softening medium to and fro in water which has entered the container through the softening medium to thus force water through said softening medium in directions counter to the directions of flow of water through the softening medium into said container.

2,104,967
PLATFORM BRACKET FOR LADDERS
Simon J. Harding, West Baldwin, Maine
Application April 2, 1937, Serial No. 134,583
1 Claim. (Cl. 304—10)



A device of the class described, adapted to be mounted on a ladder having a plurality of rungs thereon, comprising in combination with a platform positioned between the side members of said ladder and supported at one end by one of said rungs, a hanger making pivotal connection, at its lower end, with said platform, a double-hook portion on the opposite end of said hanger, said portion having one open side, a flat spring normally closing the open side of said double-hook portion and extending for a predetermined distance above the top thereof, and means on said double-hook portion, including two oppositely disposed concave rung-seating pockets adapted to offer resistance to transverse displacement of said hook member from off its supporting rung, regardless of whether the hook attaching end of the platform is disposed in its normal position or raised by reason of pressure applied to its forward end, said means being in addition to the said flat spring which yields to permit entrance of the rung into the hook space and thereafter yieldingly acts to prevent its accidental displacement therefrom.

2,104,968
ANESTHETIZING MACHINE
Jay A. Heidbrink, Minneapolis, Minn.
Application May 4, 1936, Serial No. 77,724
7 Claims. (Cl. 128—203)



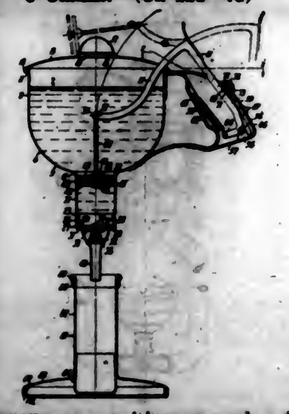
1. In an anesthetizing machine embodying a closed breathing line and a pair of containers of absorber material, a vertical passageway in said breathing line including valve mechanism to cause the exhaled gases to pass through one or the other or simultaneously through both of said containers, a second vertical passageway having an inhale check valve at one end and a rebreathing bag at the other, and an ether vaporizer in said breathing line connected with both said vertical passageways, whereby exhale gases will pass to the rebreathing bag on the inhale side of the breathing line through one or both of said containers first and thereafter through the ether vaporizer.

2,104,969
BUS BODY
Earl M. Hicks, Lebanon, Ind.
Application June 19, 1937, Serial No. 149,063
3 Claims. (Cl. 296—137)



1. A bus roof structure comprising a multiplicity of laterally-spaced parallel inverted U bows of outwardly-mouthed channel section, roof plates laid upon and each bridging between an adjacent pair of bows, fastening means connecting the transversely-spaced ends only of the roof plates and the bows adjacent the springs of the arches, downturned front and rear edges of the roof plates extending into the channels of two bows, a finish strap laid over the arches of each bow and overlapping the front and rear edges of adjacent underlying roof plates and of such form as to leave said underlying edges free to shift relative to the strap and underlying bow, fastening means connecting only the ends of said straps to the underlying bow adjacent the springs of the arches, the portions of said roof plates and strap over the arches being capable of yielding relative to each other and the bow, and packing strips interposed between the edges of the finishing strap and the underlying roof plates.

2,104,900
DISPENSER
Dudley D. Hoefler, San Leandro, Calif.
Application December 31, 1935, Serial No. 56,929
3 Claims. (Cl. 221—78)



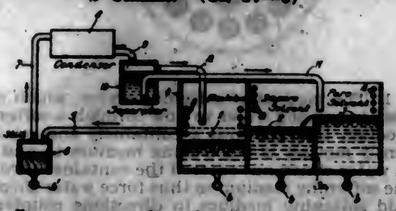
1. A dispenser comprising a vessel, a displacement pump for discharging the contents of said vessel, a slotted handle on said vessel, means passing through the slot in said handle and engageable by the thumb of an operator grasping said handle for actuating said pump, and means movable in the slot in said handle for varying the effect of said actuating means.

2,104,901
APPARATUS FOR CLEANING AND DEGREASING ARTICLES
Hanns Höllerer, Munich, Germany, assignor to Dr. Alexander Wacker Gesellschaft fur Elektrochemische Industrie, G. m. b. H., Munich, Bavaria, Germany
Original application September 17, 1934, Serial No. 744,893. Divided and this application April 22, 1935, Serial No. 17,572. In Germany October 20, 1933
5 Claims. (Cl. 87—6)



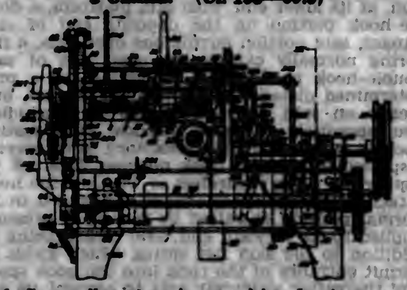
1. In a machine for cleaning and degreasing articles, a tank structure normally open for inspection and removal of the articles, said tank structure comprising a first compartment for containing a cleaning emulsion, a second compartment for containing a degreasing solvent at a predetermined normal level therein, and a third compartment for containing a degreasing solvent and having an overflow into said second compartment, a separator, a normally open pipe establishing communication between the first compartment adjacent the bottom thereof and the separator remote from the bottom thereof, a second normally open pipe establishing communication between the separator below the upper end of the first pipe and the second compartment adjacent and below the normal level of the solvent therein, a still communicating with the separator adjacent the bottom thereof, and a condenser connected to the still for receiving the distilled vapors therefrom, said condenser discharging the condensate into said third compartment.

2,104,902
MACHINE FOR CLEANING AND DEGREASING ARTICLES
Hanns Höllerer, Munich, Germany, assignor to Dr. Alexander Wacker Gesellschaft fur Elektrochemische Industrie, G. m. b. H., Munich, Bavaria, Germany
Original application April 22, 1935, Serial No. 17,572, which in turn is a division of Serial No. 744,893, September 17, 1934. Divided and this application June 20, 1936, Serial No. 86,578. In Germany October 20, 1933
3 Claims. (Cl. 87—6)



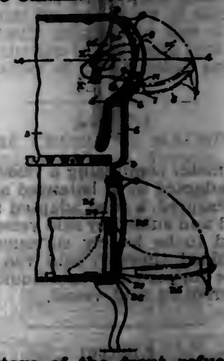
1. In a means for cleaning and degreasing articles, an apparatus comprising three compartments normally open for insertion and removal of the articles, a first for containing a cleaning emulsion, a second for containing a degreasing liquid solvent at a predetermined normal level therein and of greater specific gravity than the emulsion, and a third for containing a degreasing liquid solvent at a predetermined normal level therein, said third compartment having an overflow opening to said second compartment and the latter being closed to said first compartment, a still, a conduit opening into said second compartment at substantially the normal liquid level thereof and into said still at a lower level, a separator, a condenser connected to said still and discharging into said separator, a conduit discharging into said first compartment from the upper portion of said separator, and a conduit discharging into said third compartment from the lower portion of said separator.

2,104,903
APPARATUS FOR FORMING SHEET METAL ELBOWS
Charles J. Holub, Columbus, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va., a corporation of Delaware
Application October 17, 1936, Serial No. 106,296
2 Claims. (Cl. 153—69.5)



1. In an elbow forming machine, having a mandrel, a carriage reciprocable thereon adapted to receive one end of a tubular blank to be formed into an elbow, a reciprocable ratchet bar and a pawl on said carriage cooperating therewith whereby to advance the carriage step by step; a lever tiltably mounted on said carriage, a second lever pivoted thereto, a detent pivoted on the second lever and releasably engageable with the first, a pawl-holding latch on said second lever and means engaged by said detent on movement of the carriage to its extreme forward position, to trip said detent and disengage the first mentioned lever, whereby to tilt both said levers and thereby move said latch into pawl engaging position.

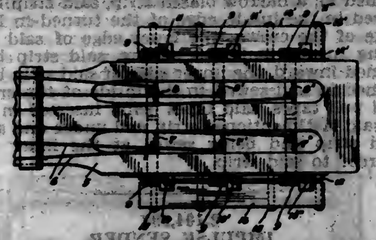
2,104,904
STOVE
Frederick E. Hughes, Port Lorne, Ontario, Canada
Application October 22, 1935, Serial No. 44,842
3 Claims. (Cl. 126—190)



1. In a stove of the front refueling type in which a refueling door is hinged to swing upwardly to discharge a quantity of fuel through the door opening into the interior of the stove, in combination therewith means forming a chute sloping continuously downward from the hinge side of the door directly into the firebox forming a non-obstructed passage from the door to the combustion zone of the firebox whereby lodgement of the fuel between the door and firebox is prevented, said chute-forming means including a front portion presenting an inner surface which forms a smooth unbroken surface continuation of the inner surface of the door when the latter is in its closed position.

2,104,905
COMBINED PEG-LOCK AND GUARD FOR MUSICAL INSTRUMENTS
William Frederick Hutchesson, Hamilton, Ontario, Canada, assignor of one-half to Herbert James Laflamme, Toronto, Ontario, Canada
Application November 25, 1936, Serial No. 113,692
1 Claim. (Cl. 84—306)

A peg-lock and guard for a stringed musical instrument having a plurality of spaced pegs mounted transversely at the side of the neck and geared to the spindles on which the strings are wound; said peg-lock and guard consisting of a flat rigid guard plate spanning the pegs and extending laterally outward from the shanks thereof so as to shield the peg-heads from accidentally striking an object in the handling of the instrument, the guard plate being of a width greater than half the breadth of the peg-heads so as to extend laterally beyond the same, a comparatively thin clamping bar spanning the pegs and extending inwardly of the shanks thereof oppositely to the guard plate, said clamping bar being of a flexible character to



bind uniformly on the shanks, and a longitudinal series of headed screws extending through the guard plate and threadedly engaging the clamping bar.

2,104,906
MANUFACTURE OF CORRUGATED PAPER
Charles Quincy Ives, Reading, Mass., assignor to Sherman Paper Products Corporation, Newton, Mass., a corporation of Massachusetts
No Drawing. Application March 11, 1937, Serial No. 130,283
11 Claims. (Cl. 92—76)

5. A method which comprises forming a paper sheet from a papermaking furnish containing, besides cellulose fiber, leather fiber in substantial amount; and corrugating the resulting paper sheet under sufficient heat to cause incipient fusion of said leather fiber.

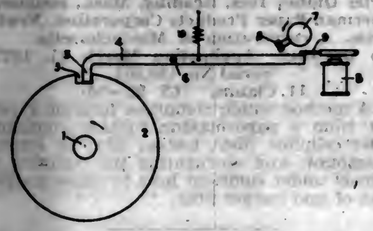
2,104,907
NURSE'S CAP
Anna A. Lawrence, San Francisco, Calif.
Application July 13, 1936, Serial No. 90,406
2 Claims. (Cl. 2—198)



1. A cap of the class described including a cuff of two thicknesses of a fabric of sufficient stiffness for the purpose, each thickness of the fabric having a straight edge and a curved edge, said curved edges being turned in and sewed together to form a narrow seam, gores of a similar fabric or of a gauze material, each gore having straight edges and curved edges, said curved edges of the outer of said gores being turned in, said curved edges of the inner of said gores being turned in, said turned-in curved edge of one of said outer gores and said turned-in curved edge of one of said inner gores being sewed together to form a flat seam, likewise the turned-in curved edge of the other of said outer gores and the turned-in curved edge of the other of said inner gores being sewed together to form a flat seam, said straight edges of said inner gores being turned in and sewed together to form a flat seam and complete the crown of the cap, said straight edges of the two thicknesses of the fabric of the cuff being turned in, between which being inserted the front edge of the crown and being sewed together, a narrow biased strip, one edge being turned in and being sewed to the inside edge of the crown at the cuff, said

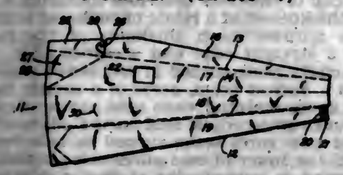
cuff being folded along the lower edge of said strip and being turned backward over the front of the crown, the lower edge of the crown being turned in, a narrow biased strip, said strip being sewed to the inside edge of the turned-in lower edge of the crown, the lower edge of said strip being turned in before sewing, said strip being turned inward, the upper edge of said strip being turned in and sewed to the inside of the crown, and pull tapes, said tapes being inserted in slits in said last, mentioned strip and under and along said strip and being sewed at the inner ends thereof to said strip.

2,104,998
IMPULSE SENDER
Friedrich Lill and Benedikt Kadrna, Vienna, Austria, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany
Application October 25, 1935, Serial No. 46,672
In Austria October 31, 1934
10 Claims. (Cl. 179—5)



1. In an impulse sender for establishing telephone calls in which a setting member is employed for selecting any desired station to be called, means for operating said impulse sender after said setting member has been operated to establish a call to another station, and means for operating said impulse sender to establish a call to a different station independent of the operated position of said setting member.

2,104,999
INSPECTION WRAPPER FOR NECKTIE SETS
Oscar Markowitz, New York, N. Y.
Application November 25, 1936, Serial No. 112,633
8 Claims. (Cl. 206—7)



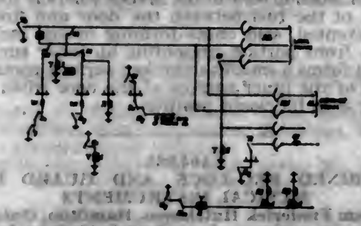
1. A packaging device for folded neckties, including a one piece member of relatively stiff paper and having preformed fold lines extending from end to end thereof to define fold sections that taper generally toward one end of the member to fit the neckties that are folded around one of the members as an insert for the neckties, said member being open ended in the folded condition thereof, and the insert section having a cut out at the small end of the member to accommodate the fold portions of the neckties, and one of the fold sections having a slit forming a flap that can be opened to expose the neckties without opening the device.

2,105,000
MANOMETER
Adolph F. Meyer, Minneapolis, Minn.
Application December 21, 1933, Serial No. 703,291
10 Claims. (Cl. 73—31)



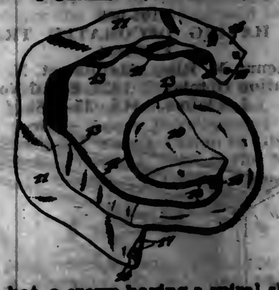
4. A manometer comprising a vessel for receiving a liquid adapted to be balanced against pressure to be measured, a tube adapted to be floated by said liquid and guided by said vessel, and a rod float adapted to be loosely surrounded by said tube and guided thereby, said rod float being adapted to be supported by said liquid to indicate the level thereof in said vessel.

2,105,001
TELEPHONE SYSTEM
Walter Michaelis, Berlin-Siemensstadt, Germany, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany
Application November 1, 1935, Serial No. 47,786
In Germany November 14, 1934
3 Claims. (Cl. 179—18)



1. In a telephone system, a subscriber's line, a local finder and a trunk finder having access to said line, a key, a first and second relay, said first relay operated responsive to the closing of said subscriber's line for starting said local finder to find said line, said first and second relay operated responsive to the closing of said subscriber's line while said key is actuated, said second relay preventing the starting of said local finder, a third relay operated responsive to the operation of said second relay to prepare the starting circuit of said trunk finder, said second relay deenergized responsive to the restoration of said key to complete the start circuit for starting said trunk finder to find said line.

2,105,002
HAT
Marguerite Miller, Great Neck, N. Y.
Application March 20, 1937, Serial No. 132,063
4 Claims. (Cl. 2—175)



1. In a hat, a crown having a spiral slit therein extending from the periphery of said crown and circumferentially around the side of said crown and toward the top thereof and separable means adapted to allow of the opening and closing of said slit.

2,105,003
ORE CRUSHING MACHINE
Jacob Johannes Mosuk, Toronto, Ontario, Canada
Application April 11, 1934, Serial No. 720,020
9 Claims. (Cl. 83—9)



1. An ore crushing machine, comprising in combination a horizontal rotatable drum, means for rotating said drum, standards mounted adjacent to each end of said drum, a journal bearing supported from said standards at each end of said drum, a shaft journalled in said bearings and extending through said drum, a progressive series of crushing elements mounted on and rotating with said shaft within the drum, spring means interposed between each of said crushing elements and said shaft whereby each element is resiliently linked with and capable of yielding relative to the others and to said shaft while the crushing efficiency of the said remaining elements is maintained, adjustable spring means exerting a downward pressure upon each end of said shaft, said adjustable spring means acting through said shaft to simultaneously tension the spring means of all of said crushing elements and being adapted to yield when the cumulative tension on the spring means of the series of crushing elements becomes excessive, means for feeding ore pulp to one end of said drum, and means for removing the ground pulp from the other end of said drum.

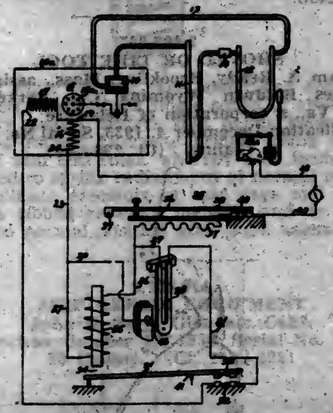
2,105,004
FURNACE
John Morrison, Canton, Ohio
Application August 14, 1933, Serial No. 685,245
Renewed June 5, 1937
6 Claims. (Cl. 263—42)

1. A furnace, comprising: an enclosing shell, the lower portion of which provides a compartment adapted for the reception of heating means, and the upper portion of which defines an article treating chamber unobstructedly communicating with said heating means compartment; heating means disposed in said heating means compartment, and comprising a conduit for products of combustion, spaced from the bottom wall of said compartment, disposed below



the limits of said article treating chamber, the wall of said conduit being disposed to radiate heat directly into said chamber, and to radiate heat onto the side and bottom walls of said compartment, whence said radiated heat is reflected into said chamber; and means for supporting said conduit in position, and constructed and arranged to define vertical flues opening into said article treating chamber.

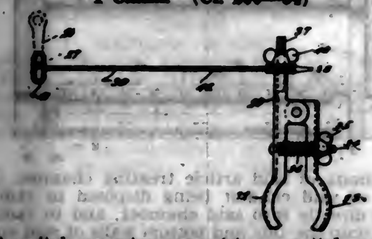
2,105,005
MOTOR CONTROL
George C. Pearce, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Original application October 12, 1932, Serial No. 639,461. Patent No. 2,018,896, dated October 29, 1935. Divided and this application May 20, 1935, Serial No. 22,422
18 Claims. (Cl. 172—279)



1. In combination, a motor having a starting winding and a running winding, a running lead line connected to said running winding, a starting lead line connected to said starting winding, an electromagnet in said running lead line, said magnet having an armature with means for closing said starting lead line when said armature is attracted to said magnet and for opening said starting lead line when said armature is retracted

from said magnet, a shunt in said running lead line around said electromagnet, and a timing device operable following the closing of the starting lead line circuit and responsive to flow of current through said motor for closing said shunt after a period of time following the closing of said starting lead line.

2,105,006
BURGLAR ALARM SWITCH
Joseph Pichard, Chicago, Ill.
Application February 12, 1935, Serial No. 6,203
1 Claim. (Cl. 200—54)



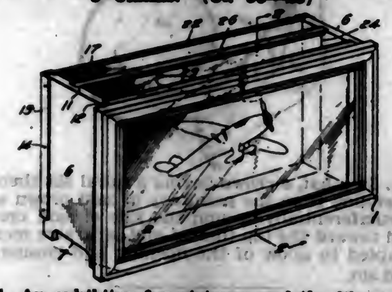
A switch operator comprising a switch operating arm having an outstanding pintle, a door knob attaching clamp, said clamp consisting of an elongated member having a curved end portion, a leg pivotally secured at one end to the intermediate portion of the elongated member and having its opposite end portion curved and opposed to the curved end of the elongated member, a bolt and nut connecting the leg with the elongated member, a coiled compressible spring on the bolt having its ends impinging against the said elongated member and the leg, the upper end of the elongated member being provided with a threaded extension, a nut on the threaded extension, a connecting rod having a slotted end receiving the pintle on the switch arm, the other end of the rod being secured to the door knob clamp by the clamping action of the nut on the threaded extension.

2,105,007
SHOVEL OR LIKE TOOL
William A. Roady, Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va., a corporation of Delaware
Application December 4, 1935, Serial No. 52,863
4 Claims. (Cl. 294—49)



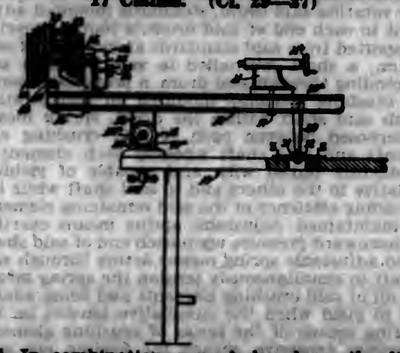
1. A shovel comprising a blade and a socket-forming portion having an enlarged head in the form of a major segment of a circle with the chord of the segment located substantially at the back edge of the blade, the segment being welded to the blade marginally around the arc thereof.

2,105,008
DEVICE HAVING DECORATED TRANSPARENCIES
Henry M. Riley, Manhasset, N. Y.
Application October 7, 1935, Serial No. 43,913
5 Claims. (Cl. 35—32)



1. An exhibitor for pictures and the like comprising a frame having an opening in the front thereof, a plurality of spaced apart transparent sheets independently movable and held in said frame in a position substantially parallel to said opening, said sheets being placed a substantial distance behind said opening, the area of said sheets being sufficient to practically fill said opening, said sheets adapted to bear interchangeable indicia, decorated material having designs thereon cemented to said transparent sheets and constituting said indicia, whereby all of said sheets are visible through said opening.

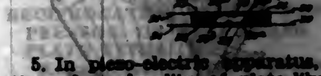
2,105,009
CONVERTIBLE MATERIAL WORKING MACHINE
Alvah C. Roebuck, Evanston, Ill.
Application November 16, 1936, Serial No. 110,999
17 Claims. (Cl. 29—37)



1. In combination a work bench or the like having a horizontal work surface, an elongated continuous rigid lathe bed disposed above said surface in spaced relation thereto, thereby leaving said surface unobstructed, the outer end of said bed overhanging the adjacent end of said bench and the inner end overlying the bench, a swivel joint supporting said bed at said end of said bench and intermediate the ends of said bed for both horizontal and vertical swinging movement, whereby the inner end of the bed overlying

the bench may be swung to a depending vertical position at the end of the bench, a combined lathe and drill head carried by said overhanging portion of the bed, and means for releasably securing said inner end of the bed rigidly in position on either the top or end of said bench.

2,105,010
PIEZO-ELECTRIC DEVICE
Charles Baldwin Sawyer, Cleveland, Ohio, assignor to The Brush Development Company, Cleveland, Ohio, a corporation of Ohio
Application February 25, 1932, Serial No. 658,649
12 Claims. (Cl. 179—110)



5. In piezo-electric apparatus, the combination of a plurality of plate-like piezo-electric bodies adapted by flexing to convert electrical impulses into mechanical impulses, and vice versa, and means for operatively supporting said bodies in spaced relation to each other with a space substantially enclosed by them and the supporting means.

2,105,012
PIEZO-ELECTRIC APPARATUS
Alfred L. W. Williams, Cleveland, Ohio, assignor to The Brush Development Company, Cleveland, Ohio, a corporation of Ohio
Application April 24, 1934, Serial No. 720,593
Renewed January 16, 1937
15 Claims. (Cl. 171—327)



1. In a piezo-electric device, a crystal unit comprising a plurality of parallel plates of crystalline material with two mutually intersecting axes of expansion and contraction, the faces of the plates being substantially parallel to the said axes and said unit being adapted to flex under the influence of electrostatic fields; and four operative connections for said unit comprising two connections disposed, respectively, substantially at the two ends of one of the two mutual axes of expansion and contraction of the unit and adapted to prevent substantial movement of the adjacent parts of the unit normal to the faces and further comprising a driving connection disposed substantially at one end of the other of said two axes and adapted to move with adjacent parts of the unit normal to its face.

2,105,013
TELEPHONE SYSTEM
Norman H. Saxe, Chicago, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application October 28, 1932, Serial No. 45,845
20 Claims. (Cl. 179—18)

1. In a telephone system, a distant exchange, a local exchange, and a toll exchange, trunk lines connecting the distant and local exchanges, dial-back repeaters in the local exchange, a hunting switch individual to each said trunk line having access to said repeaters, toll trunk lines connecting the local and toll exchanges, a selecting switch individual to each said repeater having access to said toll trunk lines, automatic subscribers' lines terminating in said local exchange, local connectors in said local exchange having access to said local lines, a local selector in said local exchange having access to said repeaters, said local connectors and to said trunk lines connecting the distant and local exchanges, and means whereby said local selector is accessible from said local subscribers' lines, said toll trunk lines, and said repeaters.

2,105,013
ROLLER BEARING CAGE
William L. Seymour, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application November 7, 1936, Serial No. 109,836
7 Claims. (Cl. 308—217)



1. A roller bearing cage comprising end rings connected solely by a single series of circumferentially spaced bridges that define pockets for bearing rollers, alternate bridges being free of one of said end rings, whereby such bridges are adapted to spring radially out of normal position to facilitate assembly of said cage and rollers and a ribbed raceway member and to spring back to normal position after such assembly.

2,105,014
SHIP REPAIR EQUIPMENT
John H. Segal, Glendale, Calif.
Application October 12, 1936, Serial No. 105,276
10 Claims. (Cl. 114—222)



1. In a ship repair and submerged hull maintenance equipment, a sheath for covering the

lower portion of the hull of the ship, said sheath comprising a plurality of sections of flexible water-proof material arranged end to end, joints between said sections transversely disposed relative to the ship's hull to which the equipment is applied, comprising a strip of flexible material secured to one end of each sheath section, said flexible section being provided with a longitudinally disposed channel, the opening into which channel is narrower than the inner portion of said channel, a strip of flexible material secured to the other end of each sheath section, the outer edge of which last-mentioned strip of flexible material terminates in a rib that is adapted to be removably seated in the channel in the edge of the next adjacent sheath section.

2,105,015

MECHANICALLY WORKING METAL ARTICLE

Fritz Singer, Nuremberg, Germany, assignor to Tubus A. G., Zurich, Switzerland

No Drawing. Application May 14, 1936, Serial No. 79,709. In Germany June 9, 1934

1 Claim. (Cl. 148—4)

That improvement in methods of mechanically working metal articles at temperatures below 300° F., for the purpose of extensive plastic deformation, which consists in coating the metal by treating it with a chemical solution which reacts with the metal to produce thereon a lubricant coating of an iron salt of the group consisting of phosphates and oxalates, the crystals of which coating are in heterogeneous crystalline joint with the metallic base and tightly grown together with the latter, and subsequently working the thus coated article to the extent that the coating is substantially removed.

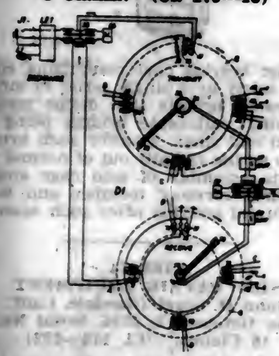
2,105,016

TELEPHONE TRANSMISSION SYSTEM

Howard H. Smith, Chicago, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware

Application January 2, 1936, Serial No. 57,116

4 Claims. (Cl. 179—15)



4. In a multiplex telephone system, a plurality of lines and a trunk line, a distributor for distributing simultaneous voice currents from the lines over the trunk line successively, and for distributing received voice currents over the trunk line to the lines, said distributor comprising a rotating disc having one sound track around its periphery on which voice currents from all the lines are simultaneously recorded and reproduced and transmitted over the trunk line, said disc having another sound track, concentric with the first, and means for recording all voice currents received from the trunk line, on said last sound track and reproducing and distributing them to the various lines.

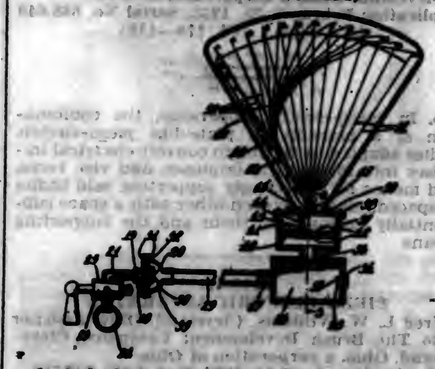
2,105,017

MEANS FOR METERING FLUID FLOW

Fay O. Saffron, Cleveland, Ohio, assignor to American Gas Association, Incorporated, New York, N. Y., a corporation of New York

Application May 27, 1936, Serial No. 81,040

10 Claims. (Cl. 73—194)



1. A device for metering the quantity of fluid flowing through an orifice, comprising: means communicating with said orifice, and constructed and arranged to cause a different quantity of fluid to flow through said orifice; and means, actuated by said different quantity of fluid, constructed and arranged to indicate said first quantity of fluid flowing through said orifice.

2,105,018

WELDING SHIELD

Louis G. Tatter, Chicago, Ill.

Application April 2, 1936, Serial No. 72,351

16 Claims. (Cl. 2—8)



1. As an article of manufacture, a shield for protecting the eyes of the worker against the dangerous or injurious rays of an electric arc, as in electric welding, comprising means forming the body of the shield, means forming a framed window in the front of said body, having colored or shaded glass to protect the eyes against said rays, movable means for producing a clear vision area in said window, of variable height and fixed horizontal length from one side of the window to the other, between the upper and lower edges of said window, causing a variable area of shaded glass between the upper and lower edges of the window, as well as a variable area of clear vision, and enclosed spring means entirely external of said body and carried by the latter below the middle of said window, capable of moving and maintaining said movable means in normal position, together with means outside said body and operable for overcoming the tension of said spring means, when said clear area is desired.

2,105,019

RECIPROCATING ENGINE, PUMP, OR COMPRESSOR OF THE SWASH OR WOBBLE PLATE TYPE

Kenneth Kestell Turner, London, England

Application June 1, 1936, Serial No. 82,696

In Great Britain June 12, 1935

13 Claims. (Cl. 74—60)



1. In a machine of the type wherein a plurality of pistons are operatively connected with a member to which is imparted a reciproco-undulatory movement such that any point in said member normally follows a figure-of-eight path in a spherical surface, means serving to apply to said member at not less than three equiangularly located points sinusoidally related yielding constraints affording in sum a constant resistance to rotation of said member and allowing said points to follow their figure-of-eight paths.

2,105,020

MANUFACTURE OF IRON

Marvin J. Udy, Niagara Falls, N. Y., assignor, by mesne assignments, to Monsanto Chemical Company, a corporation of Delaware

No Drawing. Application December 3, 1934, Serial No. 755,767

9 Claims. (Cl. 75—65)

1. The process of eliminating impurities from molten iron alloys, and producing a substantially pure ingot iron comprising scavenging therefrom by oxidation a relatively large proportion of phosphorus, such proportion of phosphorus removed comprising more than 10% by weight of the alloy.

2,105,021

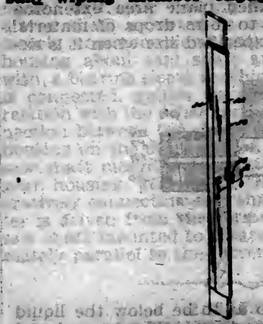
WINDSHIELD WIPER BLADE

Thomas R. Walton, Birmingham, Mich.

Application June 29, 1936, Serial No. 87,936

5 Claims. (Cl. 15—245)

1. A windshield wiper blade comprising, in combination, a backing member and a flexible wiping member secured therein with surface portions of said wiping member engaged by said backing



member and held thereby under lateral compression and longitudinal tension.

2,105,022

PIPE JOINT

Percy Hutchinson Wilson, Sherwood, Nottingham, and William Ridley, Dunstan, England, assignors of one-third to The Stanton Ironworks Company Limited, Stanton-by-Dale, near Nottingham, England

Application January 30, 1935, Serial No. 4,162

In Great Britain February 9, 1934

7 Claims. (Cl. 285—105)



7. In combination, a male pipe section, a sealing ring surrounding said section, a collar composed of segment portions arranged partially about said male section and having an inturned flange engaging said ring, pressure generating elements disposed parallel to the axis of and distributed around one end of said collar, a tubular element having a wedge surface sleeved over said male section to provide a seat for said sealing ring and having a lateral groove extending circumferentially unbroken around said tubular element within and distinct from said collar, said pressure generating elements being axially engaged in said groove to effect relative displacement of said collar axially with respect to said tubular element and cooperating with said flange to restrain said collar segments from radial displacement.

2,105,023

BOTTLE CLOSURE AND DISPENSING DEVICE

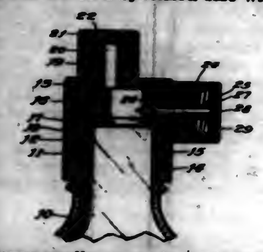
Joseph C. Winfield, Evansville, Ind., assignor to Mead Johnson & Company, Evansville, Ind., a corporation of Indiana

Application September 11, 1936, Serial No. 100,273

3 Claims. (Cl. 221—148)

1. A dropper for a container comprising a container cap, a stud adjacent to one side of the cap extending from the upper end thereof and having a small open vent orifice therethrough which is above the liquid surface in the container

and cap while in dispensing position, a stud extending laterally from the other side of the cap, a tip having a specified plane area extending from said stud so as to form drops of material in the container of a specified size when it is ex-



tended downwardly so as to be below the liquid level in a dispensing position, and said stud and tip having an orifice therethrough of a size to permit a restricted flow of fluid therethrough to control the rapidity of the drops.

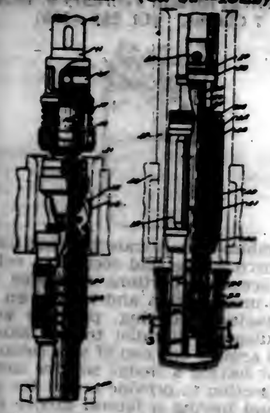
2,105,624

HONING TOOL AND METHOD OF USE

Kirke W. Canner, Detroit, Mich., assignor to Micromatic Hone Corporation, a corporation of Michigan

Application May 16, 1935, Serial No. 21,719

10 Claims. (Cl. 51—164.2)



1. A honing tool having driving and adjusting portions, an abrading head driven by said driving portion, a universal joint between said head and said portions, abrading means in said head and said portions, abrading means in said head expansible by said adjusting portion, and a guide disposed on said tool between the abrading head and said universal joint.

2,105,625

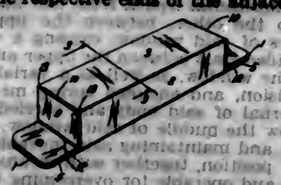
BOX AND BOX BLANK

Jesse T. Curtis, Cleveland, Ohio

Application April 23, 1936, Serial No. 76,038

4 Claims. (Cl. 229—37)

1. A box blank including as a single unit a plurality of walls formed by folding said blank longitudinally the walls formed at opposite sides of the blank being substantially co-extensive in length and opposite ends of each of said walls extending beyond the ends of the intermediate walls of said blank, and an end closure formed at one end of one of said intermediate walls and provided with an extension adapted to overlie one of the respective ends of the adjacent co-extensive wall ends, when the blank is folded and assembled.



2,105,626

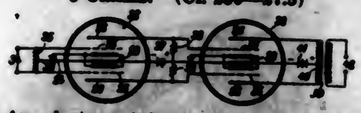
ELECTRON TUBE

Walter Dällenbach, Berlin-Charlottenburg, Germany, assignor to N. V. Machinenfabriek en Apparaten Fabrieken "Mesa", Utrecht, Netherlands

Application December 21, 1934, Serial No. 758,672

In Germany January 2, 1934

9 Claims. (Cl. 250—27.5)



1. An electron tube comprising a receptacle having a high vacuum therein, a plurality of anodes within said receptacle, an incandescible cathode and an exciting anode intermediate said first anodes, current leads extending from one end of said cathode and exciting anode, and means connecting the other ends of said cathode and exciting anode together.

2,105,627

COVER FOR TOPS OF CANS AND THE LIKE

George C. Davis, Chicago, Ill.

Application July 9, 1936, Serial No. 89,695

2 Claims. (Cl. 220—85)



1. In combination with a container for liquids having a neck, and a gutter surrounding said neck, a liquid absorbing member substantially the entire area of which conforms generally to the contour of the upper portion of the container adjacent said neck, apertured to permit the passage of the neck therethrough, and means for holding it in position in relation to said container, the outer edge of said member extending into said gutter.

2,105,628

SAFETY HEADGEAR

Robert Dickhoff, New York, N. Y.

Application January 7, 1937, Serial No. 119,399

3 Claims. (Cl. 2—3)

1. A safety head gear comprising a steel skull cap having an opening for the face, a U-shaped track extended along the sides and the bottom of said opening, an exchangeable bullet proof vision glass plate mounted on said track for closing said opening, and said pin bolts for holding said glass plate upon said track, each pin bolt

having a wing screw portion supporting a cam portion which may be turned upwards or downwards, and resilient means urging said glass plate upwards against the cam portion.



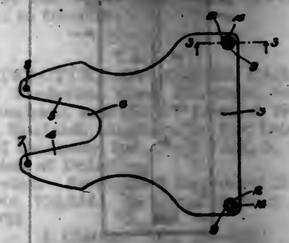
2,105,629

BIB

Myrle M. Doty, Sycamore, Ill.

Application October 4, 1935, Serial No. 43,533

3 Claims. (Cl. 2—49)



1. A bib comprising a body portion consisting of a piece of flexible material, means at one end for attaching it to the user, a vacuum cup near the other end thereof for attaching it to a fixed part, fastening devices for fastening the vacuum cup in position, comprising a sleeve through which the vacuum cup projects and two flanges, one on opposite sides of the material of the bib, the flanges and the sleeve being fastened together, the vacuum cup overlapping the fastening device on each side thereof.

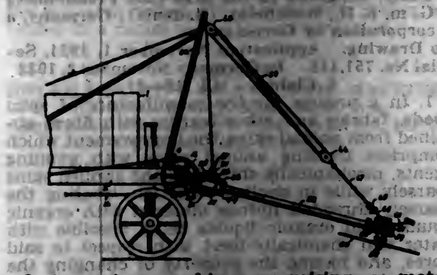
2,105,630

SAW

Robert M. Dunham, Houston, Tex., assignor to Brown & Root, Inc., Houston, Tex., a corporation of Texas

Application November 16, 1936, Serial No. 110,982

2 Claims. (Cl. 143—43)



2. A sawing machine comprising a motor vehicle having a frame, spaced anchors extending forwardly from the frame, gear casings rigidly connected together, said anchors and one of the casings being provided with means whereby said casings are mounted on the frame to pivot about a horizontal axis, gearing in said casings, a power takeoff from the motor vehicle operatively connected with said gearing to drive the same, a driven shaft mounted to swing in an approximately common plane with said axis, a shaft housing about said shaft and swingable therewith, a bearing sleeve to which said shaft housing is connected, guides on said sleeve in working relation with the other casing and forming a connection between the sleeve and its casing, a gear housing on the outer end of the shaft housing, a saw shaft mounted to rotate in bearings in the gear housing, gearing in the gear housing operatively connecting said shafts whereby the latter is driven from the former and a saw on the saw shaft mounted to rotate in a plane approximately parallel to the driven shaft.

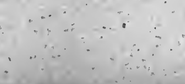
2,105,631

CONTAINER CLOSURE

Edward M. Baker and Ralph E. Greenholtz, Baltimore, Md., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York

Application June 22, 1933, Serial No. 677,156

1 Claim. (Cl. 215—43)



In combination, a liner plate and a clamping sleeve having an inwardly projecting continuous thread and an inwardly projecting clamping seat at the upper end thereof, said plate comprising a disc-like body, a down-turned circumferentially discontinuous marginal flange, and an annular sealing gasket secured to the undersurface of the body adjacent the flange in position to cooperate with the mouth of the receptacle to be sealed, said flange of said plate being provided with a plurality of spaced slits extending from the lower edge thereof upwardly substantially to the plane of the body to provide a plurality of disconnected flange sections, the material of the flange at one side of each slit and including one edge of the slit being projected outwardly beyond the line of the intermediate portion of the flange to cause the edges thereof to lie on a circle of substantially greater diameter than the diameter of the land of the thread of said sleeve, the material of said flange and the relation of said diameters being such that said projecting portions of the flange will be permanently displaced from their original outwardly projected positions when said plate is forced into said sleeve past said thread by axial movement, said material having sufficient resiliency to cause the projections to spring back toward their original positions to overlie said thread, but short of contact with the inner periphery of the sleeve or the root of the thread, whereby said plate and sleeve can be separated only by relative rotation in an unscrewing direction to permit said projections to follow said thread and thereby be disengaged from said sleeve.

2,105,632

TRIMMING ATTACHMENT FOR SEWING MACHINES

Morris Feil, New York, N. Y.

Application September 10, 1937, Serial No. 163,163

1 Claim. (Cl. 112—129)

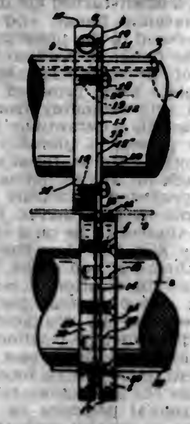
A trimming attachment for a multi-needle sewing machine, comprising a substantially horizontal plate member adapted to serve as the presser foot of the machine, and provided with

a number of slots of different lengths adapted to receive and guide therethrough tapes of respectively corresponding widths in superimposed relation whereby the longitudinal edges of any of the superimposed tapes lie intermediate the longitudinal edges of the tape immediately beneath it, and means to mount said plate onto the presser foot spindle of the sewing machine; said plate



being also provided with a series of apertures to permit passage of the needles of the machine to their respective shuttles; said apertures lying respectively in the path of travel of the respective tapes; each aperture being adjacent a longitudinal edge of one of the tapes, whereby said tapes may be sewn one on to the other along their longitudinal edges by a single run through the machine.

2,105,033
SLOTTER HEAD
Thomas S. Fitchett, Glen Arm, Md., assignor to F. X. Hooper Company, Inc., Glen Arm, Md., a corporation of Maryland
Application February 13, 1936, Serial No. 63,694
7 Claims. (Cl. 164—28)



3. The combination with a male slotter head adapted to be mounted for movement about an axis in cutting, said head having a support for positioning a plurality of male slotter knives, and said knives each having two parallel cutting edges spaced apart, and means for securing said knives on said support in different cutting positions one edge of each knife on the same side of said knives being in a single plane at right angles to said axis, of a female slotter head adapted to be mounted for movement about an axis parallel to said male head axis and in operative relation thereto, the female head having cutting slots of different widths placed end to end and aligned in the direction of their length, each having substantially parallel cutting edges at the opposite sides, the cutting edges on one side of a plurality of said slots being in a single plane at right angles to said axes, both said single planes being on the same side of the knives and slots, respectively and both heads being adjustable in the direction of the axes to bring these planes together.

2,105,034
LEVEL INDICATING DEVICE
Benjamin H. Flynn, Alexandria, La.
Application May 11, 1937, Serial No. 142,036
3 Claims. (Cl. 33—215)



1. A leveling device comprising a casing, a liquid partially filling said casing, a support pivotally hung in said casing and extending partially above and partially below the liquid level therein, a scale on said support above said liquid level, a pointer pivotally mounted on said support and extending partially below and partially above said liquid level, the upper end of said pointer being cooperable with said scale, and weighted operating means for said pointer mounted on said support, said casing having a view opening above said liquid level through which said scale and the upper end of said pointer are visible.

2,105,035
PROCESS FOR THE MANUFACTURE OF SPUN GOODS, FABRICS, AND THE LIKE
Richard Freudenberg, Hans Freudenberg, Roland Runkel, and Gustav Lange, Weinheim, Germany, assignors to the firm Carl Freudenberg G. m. b. H., Weinheim, (Bodensia), Germany, a corporation of Germany
No Drawing. Application November 1, 1934, Serial No. 751,112. In Germany November 2, 1933
5 Claims. (Cl. 19—3)

1. In a process for the manufacture of spun goods, fabrics and other textiles with fibres obtained from animal skins, the improvement which comprises treating animal skins with swelling agents, mechanically shredding the swollen skins coarsely while in swollen condition, treating the coarsely shredded fibrous material with organic liquids, said organic liquids being miscible with water and chemically inert with respect to said fibres, and having the property of changing the colloidal properties of the fibres, thereby removing the greater portion of the absorbed water and preventing the fibrous material from gumming up and becoming horny, and finely shredding the material so treated while still substantially free from water.

2,105,036
PROCESS FOR THE MANUFACTURE OF SPUN GOODS, FABRICS, AND OTHER TEXTILES
Richard Freudenberg and Gustav Lange, Weinheim, Germany, assignors to firm Carl Freudenberg G. m. b. H., Weinheim, Germany, a corporation of Germany
No Drawing. Application May 3, 1935, Serial No. 18,751. In Germany May 25, 1934
13 Claims. (Cl. 19—3)

1. In a process for the manufacture of spun goods, fabrics and other textiles with the employment of fibres obtained from animal skins, the improvement which comprises treating animal skins with swelling agents, effecting coarse mechanical shredding of the skins while they are still in a swollen condition, treating the coarse fibrous material with substances having a tanning action which alter the colloidal properties of the fibres and prevent the fibrous material from gumming up and becoming horny on removal of the water and finely shredding the material so treated.

2,105,037
MANUFACTURE OF NICKEL CARBONYL
Charles Frederick Reed Harrison, Selly Oak, Birmingham, and Albert Edward Wallis, Clydach, England, assignors to The International Nickel Company Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application November 22, 1934, Serial No. 754,334. In Great Britain November 28, 1933
5 Claims. (Cl. 23—203)

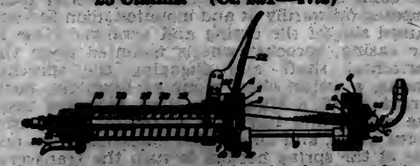
3. The process of manufacturing nickel carbonyl from nickel matte constituted of sulphides which comprises forming an unfused, intimate, mechanical mixture of nickel matte with a multitude of separated particles of a metal of the group consisting of copper and iron in a state of fine division to combine chemically with substantially all the sulphur evolved by said sulphides, said mixture having said multitude of separated particles so distributed throughout the same as to provide metal particles within the zones of chemical reaction of substantially all of the particles of said sulphides, subjecting said unfused mixture containing said distributed multitudes of separated particles to the action of carbon monoxide under pressure to form cuprous sulphide or ferrous sulphide to facilitate the separation of said nickel from a residue containing precious metals and sulphides of said metal, calcining said residue to remove substantially all of the sulphur of said sulphides and reusing said calcined residue in the first step hereof whereby precious metals included in a nickel matte are concentrated.

2,105,038
BRUSH FOR DYNAMO-ELECTRIC MACHINES
Walter O. Helwig, Milwaukee, Wis.
Application November 30, 1936, Serial No. 111,763
4 Claims. (Cl. 171—325)



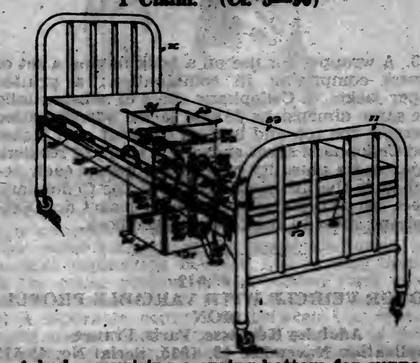
1. A brush for a dynamo electric machine comprising a body portion having a slot extending transversely therethrough, and a transverse, wedge-shaped body of treating material positioned within said slot and interlocking with said body portion.

2,105,039
METHOD AND APPARATUS FOR DISPENSING GREASE, OIL, AND THE LIKE, AND CAN THEREFOR
Richard E. Haines, Bradford, Pa., assignor to Kendall Refining Company, Bradford, Pa., a corporation of Pennsylvania
Application May 29, 1935, Serial No. 24,128
25 Claims. (Cl. 221—47.3)



1. A dispensing apparatus having a substantially ring shaped knife to cut out the end portion of a can, a plunger for applying pressure to the cut out can end for forcing it axially of the can towards the opposite end thereof, and for effecting the discharge of the can's contents through said opposite end, and means for puncturing said opposite discharge end to provide a discharge outlet.

2,105,040
HOSPITAL OR INVALID BED
Albert L. Hurst, Winston-Salem, N. C.
Application September 12, 1936, Serial No. 100,523
1 Claim. (Cl. 5—90)



A bed comprising a spring bottom for supporting a mattress having an opening formed therein, the spring bottom having an opening to be arranged adjacent to the opening in the mattress, the opening in the spring bottom being spaced a considerable distance from the sides and ends of the spring bottom, a vertical casing attached to and suspended from the spring bottom at the opening therein and entirely supported by the spring bottom to partake of the yielding action of the spring bottom, said casing having its opposite sides also spaced a considerable distance from the sides of the spring bottom, said casing having its opposite ends provided with longitudinal slots, a plug frame mounted within the casing to be moved vertically, vertical guide rods mounted within the casing and rigidly secured thereto and disposed adjacent to the slots and arranged between the plug frame and the ends

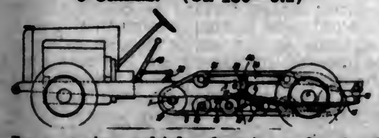
of the casing, brackets rigidly attached to the opposite portions of the plug frame and having guide sleeves slidably mounted upon the vertical rods, said brackets also extending through the slots to the outer sides of the ends, upper and lower spaced sprocket wheels mounted upon the outer side of each end of the casing adjacent to the ends of the slot, a sprocket chain mounted adjacent to each end of the casing and engaging the upper and lower sprocket wheels to provide a vertical run which is attached to the adjacent bracket between the sprocket wheels, both sprocket chains extending laterally from the upper and lower sprocket wheels to and beyond the same side of the casing, a horizontal shaft disposed outwardly of and mounted upon the last named side of the casing and arranged close to the casing, sprocket wheels mounted upon the horizontal shaft and engaging the sprocket chains, a worm wheel mounted upon the horizontal shaft, a transverse shaft mounted upon the casing and having a worm to engage the worm wheel, and an element accessible from one side of the spring bottom to turn the transverse shaft, the arrangement being such that the horizontal shaft, sprocket wheels carried thereby, and worm wheel are disposed inwardly of the spring bottom and covered by the spring bottom.

2,105,041
BOOK COVER
Melvin T. Kafka, New York, N. Y.
Application June 19, 1937, Serial No. 149,147
4 Claims. (Cl. 281—34)



2. A wrapper for use on a book having a set of covers comprising in combination; a printed paper jacket; a Cellophane sheet of substantially the same dimensions as said jacket superimposed thereon, the top and bottom edges of said jacket and Cellophane sheet encased in strips of resilient tape; and a plurality of securing means each attached to the unencased edges of the Cellophane sheet for securing said combined jacket and Cellophane sheet to the covers of the book.

2,105,042
MOTOR VEHICLE WITH VARIABLE PROPULSION
Adolphe Kégresse, Paris, France
Application November 12, 1935, Serial No. 49,575
In France November 19, 1934
6 Claims. (Cl. 180—9.1)



1. In a motor vehicle chassis, a front wheel axle with steering wheels always in steering contact with the ground, a rear wheel axle with wheels always operable as driving wheels, elastic suspension means for said rear axle, an endless track driving axle fixedly mounted on said chassis between the front and rear wheel axles at a fixed predetermined distance above the ground, an endless track front driving sprocket on each end of said driving axle, an endless track carried by each sprocket, load-carrying rollers on each side of said chassis engaging the ground-contacting stretches of the endless tracks and disposed between the aforesaid fixedly mounted driving axle and the rear wheel axle of the chassis, a single load-carrying axle mounted on the chassis between said driving axle and the rear wheel axle of the chassis, and means on each end of the carrying axle for transmitting the load carried thereby to the load-carrying rollers.

2,105,043
RECIPROCATING ENGINE
John George Aubrebrock Kitchen, Bowness-on-Windermere, Westmoreland, England
Application September 25, 1936, Serial No. 102,616
In Great Britain December 5, 1935
2 Claims. (Cl. 121—1)



1. A reciprocating fluid-operated engine having a working chamber, comprising a series of at least three telescopically arranged non-contacting tubular elements whereof alternate elements are carried by two tube-carrying members which are relatively displaceable in the direction of the axis of the working chamber and which constitute a cylinder head and a piston head respectively, one of which heads has only one port therein arranged to permit a charge of working fluid under pressure to be admitted into the innermost tubular element of said series while the other head is devoid of ports, which tubular elements are of such length in relation to the stroke of the engine that the tubular elements carried by each head are always intercalated with those carried by the other head and which are also open at the ends opposite their heads so that the whole of each charge admitted through said port is compelled to traverse the sinuous path formed by the annular spaces between the tubular elements from the outermost of which spaces the exhaust issues at reduced pressure.

2,105,044
VACUUM BREAKING DEVICE FOR PREVENTING BACK SIPHONAGE IN WATER SYSTEMS
Emil J. Kocour, Chicago, Ill., assignor to Sloan Valve Company, Chicago, Ill., a corporation of Illinois
Application March 6, 1931, Serial No. 520,622
6 Claims. (Cl. 137—111)

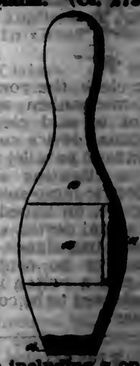
1. A vacuum breaking device for use in a water system comprising a coupling section with means for connecting it in the system, the main body of the coupling section being provided with a ledge, a hollow downwardly projecting portion

connected with said ledge through which the water passes, a baffle member surrounding said downwardly projecting portion and separated by a space from said ledge, the body portion of the



coupling section having a hollow extension with a passageway leading thereto, and a second hollow baffle member in said extension, said latter baffle member having an open free communication with the external atmosphere.

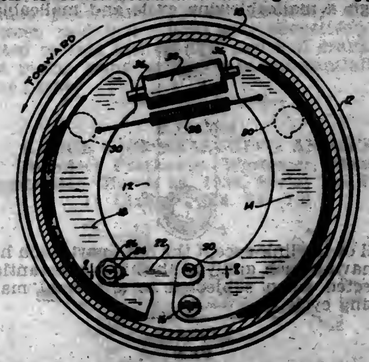
2,105,045
BOWLING PIN
Karl Kraft, Chicago, Ill.
Application November 4, 1936, Serial No. 109,165
1 Claim. (Cl. 273—53)



A bowling pin including a one piece wood body formed with a medial substantially cylindrical portion having one end intersecting an upper curved face near the head of the body and having its opposite end terminating at the inner end of a transverse shoulder formed inwardly of the lower curved face of the body, and a seamless band of wear resisting material of normally less internal diameter than the external diameter of said substantially cylindrical portion and forcibly engaged over said portion to compress the fibers of the wood and thereby be permanently held in place about the body of the pin, said band having its lower end abutting said shoulder and having its upper outer portion formed into a feather edge merging into the said upper curved face of the body intersected by said cylindrical portion, and also having its outer face opposite the shoulder merging into the lower curved face of the body.

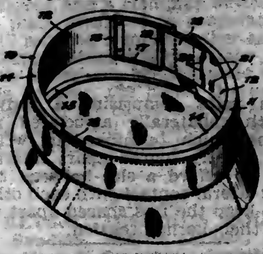
2,105,046
BRAKE
Ludger E. La Brie, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application April 26, 1935, Serial No. 19,074
10 Claims. (Cl. 188—153)

1. A brake comprising a pair of generally semicircular shoes one of which has an anchor at one end and the other of which is unanchored, said shoes being so arranged that the unanchored shoe is self-actuating in forward braking, a link directly connecting the adjacent part of the unanchored shoe to the anchored shoe adjacent said anchor, and an applying device acting on the ends of said shoes opposite the anchor and which is constructed and arranged to apply a



balanced spreading pressure on said shoes while the anchored shoe swings on its anchor and the other shoe moves bodily to apply pressure through said link to the anchored shoe.

2,105,047
STRETCHER FOR UNIFORM CAP COVERS
Robert H. Lake, Takoma Park, Md.
Application October 10, 1936, Serial No. 105,107
6 Claims. (Cl. 223—25)



1. A stretcher for cap covers and the like comprising a pair of segmental forms each including a collar portion, a pair of links constituting a toggle connection between related end portions of the collar portions of the respective forms, a separable connection between one of said links and the collar portion of the related form adjustable circumferentially of said collar portion, and a separable connection between the other related end portions of the collar portions of the respective forms adjustable circumferentially of one of said collar portions.

2,105,048
COMPOSITE ARTICLE
Carl F. Lauenstein, and Clarence J. Brinkworth, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill., a corporation of Illinois
Application June 28, 1935, Serial No. 28,365
2 Claims. (Cl. 148—3)

2. The process of forming a composite chain link which includes the following steps: forming a relatively hard ferrous metal link part, forming a mold for the composite link, placing said hard link part in the mold, said hard part being shaped to form a surface portion of the composite link when cast, pouring molten metal into the mold about the hard link part, causing said molten metal to flow about portions of the hard

part and to form with it a composite link, causing the composite link to cool, removing it from the mold and subsequently heating the composite link through a malleableizing cycle and malleableizing all of the link except the hard part, such hard part having such analysis that it is substantially unaffected when subjected to a normal malleableizing cycle.



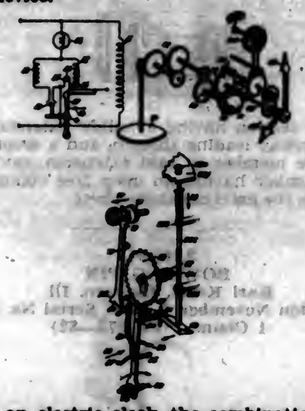
2,105,049
PEN
Arthur N. Lungren, Evanston, Ill., assignor to The Wahl Company, Chicago, Ill., a corporation of Delaware
Application October 19, 1935, Serial No. 45,716
10 Claims. (Cl. 120—109)



1. A pen point comprising a body portion formed with collaterally associated resiliently flexible nibs which terminate in writing tips which are slightly spaced apart laterally from each other to afford a slot between them, the nibs having lateral contact with each other above said slot to keep the tips spaced apart when the nibs are at their normal tension.

2,105,050
ELECTRICAL CLOCK DEVICE
Marcel Même, Paris, France
Application October 30, 1933, Serial No. 695,907
In France November 4, 1933
4 Claims. (Cl. 58—26)

1. In a clock including a clockwork mechanism and an electric alarm signal device having a circuit, the combination of two flexible blades fixed together, at least one of said blades being bent with an end normally out of contact with the end of the other blade, means for pivotally supporting said blades about an axis located in the plane in which both of these blades can be elastically bent, cooperating contacts, carried by said respective ends of said blades, electrically insulated from each other when said ends are normally out of contact with each other, said contacts being inserted in said circuit so as to keep it open when said blade ends are out of contact with each other, a pivoting lever, means operative by said clockwork mechanism for causing said lever to bend said blades at a predetermined time so as to close said circuit, a toothed member driven by said clockwork mechanism in a direction at right angles to said axis, means for engaging one of said blades with said toothed member, when said contacts are closed, so that both of said blades are caused to move in a direction at right angles to that in which they have been bent, and are allowed to unbend as soon as they have been moved past the edge of said lever, and means for returning all the parts to their initial respective positions after the working of the alarm device.



4. In an electric clock, the combination of an electric clockwork mechanism, means for feeding electric current to said clockwork mechanism, an electric signal device connected to said current feeding means in parallel with said clockwork mechanism, a vibrating element in said signal device, an electric lamp connected in series with said signal device, an impedance connected in shunt with said signal device, switching means inserted between said impedance and said signal device and adapted to be controlled by said vibrating element, and a switch in the circuit of said signal device adapted to be controlled by said clockwork mechanism.

2,105,051
DISPENSING ATTACHMENT FOR BEVERAGE CONTAINERS
George W. Myers, Bushnell, Fla.
Application January 22, 1936, Serial No. 60,442
5 Claims. (Cl. 225—32)

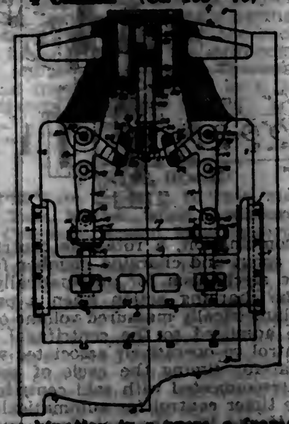


5. The combination with a container having a mouth portion and an outside flange carried thereby, of a dispensing attachment including in combination a plate portion serving as a cover to said mouth portion, of said container, a cup part depending as a flange from said plate portion, said cup part enveloping said mouth portion, clamping means on said cup portion, engaging said flange, a central tubular portion on said attachment, fitting into said mouth portion, there being a hole passing through said plate portion, communicating with said central tubular portion, a tube forming an extension to said tubular portion, reaching down into said container, positive sealing means between said dispensing attachment and said container at the said mouth portion thereof, a spring-closed valve device in said tubular portion, having the valve thereof normally closed from within by bold pressure within said container, said central tubular portion being positioned to be put in communication with faucet means and a valve being arranged for movement by engagement with an unseating element, carried by said faucet means; and a frangible seal on said plate portion, covering said hole in said plate portion, and having a portion of said seal in the path traversed by the faucet means, as the latter is moved into communication with the tubular portion.

2,105,052
PROCESS FOR MANUFACTURING PAPER
Johan Otimann, Groningen, Netherlands
No Drawing. Application April 22, 1936, Serial No. 75,287. In Great Britain and France October 8, 1931
7 Claims. (Cl. 92—21)

1. Sized paper containing up to 5% by weight of a cold swelling starch which is uniformly distributed throughout the paper; said cold swelling starch having been obtained by subjecting 1 part of raw starch mixed with 0.6 to 2 parts by weight of water to heat and pressure whereby said raw starch is simultaneously subjected to heat above the gelatinization point and to pressure so as to burst the starch granules and forming cold swelling starch granules of substantially larger size than the granules of said raw starch, said cold swelling starch being present as an irreversible colloid little affected by moisture and temperature changes, said paper being resilient, having high folding, bursting and tearing strengths and being non-sticking when printed.

2,105,053
FOUR-POINT HYDRAULICALLY OPERATED PRESS
Isaac Patrick, Mount Gilead, Ohio, assignor by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del., a corporation of Delaware
Application June 15, 1934, Serial No. 730,822
4 Claims. (Cl. 100—70)



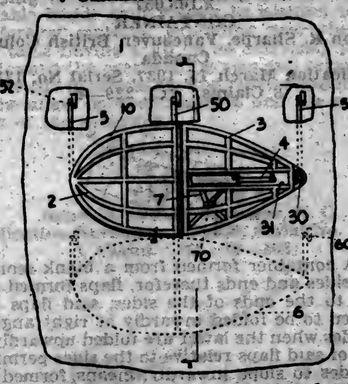
1. In combination in a press, a frame, a movable platen, links pivotally attached to said movable platen near the four corners thereof, a pair of bell cranks operatively connected to said links and pivotally mounted on said frame, and a hydraulic piston-and-cylinder assembly disposed between said bell cranks and operatively connected to said bell cranks, said bell cranks and said piston being arranged in substantially the same plane.

2,105,054
GAUGE FOR MEASURING ANGLES
Meindert Postuma, Worcester, Mass.
Application March 30, 1936, Serial No. 71,547
11 Claims. (Cl. 33—75)



1. An angle gauging instrument comprising a set of a considerable number of flat, parallel sided angle plates of uniform thickness having straight edge faces perpendicular to the side faces and meeting at different, predetermined, accurate angles which are of such sizes that the plates may be used separately and in combinations of two or three plates suitably selected from the set to measure directly all angles within the semicircle which vary uniformly by increments of not over 5 degrees, and a clamping device and means on each plate arranged to cooperate therewith which will serve to clamp together any edge face of one plate against any edge face of a second plate with either side of each plate exposed and the angle between the plates determined solely by the shapes of the contacting plates, so that the assembled plates will lie flat on a plane surface with the desired measuring angle unobstructed.

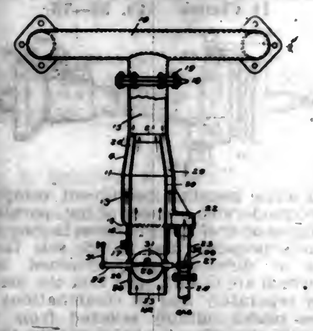
2,105,055
RETRACTABLE GUN MOUNT
John C. Sanders, Seattle, Wash., assignor to Boeing Aircraft Company, Seattle, Wash., a corporation of Washington
Application February 2, 1935, Serial No. 4,681
7 Claims. (Cl. 89—37.5)



1. A gun mount for a streamlined aircraft structure having an aperture in its skin, a two-part shell enclosing the gun mount, means supporting the shell for movement from within the aircraft structure through such aperture, the

shell being of streamlined shape and substantially filling the aperture, and one of the parts of the shell being movable relatively to the other part, the gun mount being carried by the movable part, whereby the gun may be fired through an angular field.

2,105,056
FUEL-GAS AND AIR CARBURETOR
Page M. Sartell, Farmingdale, N. Y.
Application April 23, 1935, Serial No. 17,855
4 Claims. (Cl. 48—180)



2. In a fuel-gas and air carburetor for internal combustion engines, in combination, a mixing chamber of uniform cross-section area, two concentric coincident frusto-conical hollow portions of different cross-sectional areas, one within the other with a space intermediate them, the smaller diameter of the outer one of said portions being substantially of the area of and leading into said mixing chamber, a fuel-gas duct leading into the space between said portions, an air inlet leading into the larger diametered end of the inner one of said portions, and control means in said duct and inlet for controlling the rate of flow through said duct and inlet, whereby the pressure, velocity and fuel vapor carrying characteristics of the mixture flowing through the mixing chamber are maintained substantially constant.

2,105,057
CONTAINER
Gordon R. Sharpe, Vancouver, British Columbia, Canada
Application March 15, 1937, Serial No. 131,063
6 Claims. (Cl. 229—6)



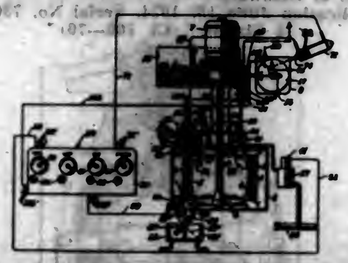
1. A container formed from a blank scored to form sides and ends therefor, flaps formed at an angle to the ends of the sides, said flaps being adapted to be folded inwardly at right angles to the sides when the latter are folded upwardly, the angle of said flaps relative to the sides permitting the sides to slope inwardly, means formed with the ends adapted to interlock the sides and ends when said ends are folded upwardly, covers formed with the sides adapted to interlock when folded inwardly to form a roof for the container, means formed with the covers adapted to co-operate with the ends to hold the covers, when folded, in peaked formation and a plurality of openings in the blank for permitting air to circulate through the container when assembled.

2,105,058
NEST
Frederick T. Smith and Wilbert S. Smiley, Woodville, Pa.
Application October 21, 1936, Serial No. 106,828
1 Claim. (Cl. 119—48)



A cage of the character described comprising a reticulated body having sides, bottom, top, front and back, respectively, the said front being with an opening next to the bottom, a rack extending from the bottom forwardly of the front beneath the opening therein, an extended top and back at the rear uppermost portion of the body and constituting a substantially triangular shaped formation across the said body, means engageable with the said formation for the hanging of the body upon a support to have the entire bottom forwardly inclined with respect to the perpendicular when upon the support, a pan outside of the body beneath its bottom and disposed horizontally, a feed trough removably supported at the front of said body, a door at the front of the said body and held closed by said feed trough, the back of said body beneath the said formation being provided with an opening, and a watering trough supported next to said last-mentioned opening for access therethrough.

2,105,059
AUTOMATIC CENTRIFUGAL APPARATUS
Robert Alexander Stepp, Los Angeles, Calif.
Application September 29, 1931, Serial No. 565,751
17 Claims. (Cl. 210—71)



1. In combination, a rotatable centrifugal, a charging spout and charging member for same, automatic mechanism for automatically terminating the charging action when a pre-determined volumetrically measured volume of charge has been admitted to the centrifugal, a cycle timer control co-operatively associated with said centrifugal for timing the cycle of same, and means interconnected with said centrifugal and said cycle timer control for automatically starting the latter to time the centrifugal cycle when the charging action terminates.

2,105,060
NETWORK CABLE
Albert P. Strom, Wilkinsburg, Clinton L. Denault, Forest Hills, and Leon McCulloch, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company, a corporation of Pennsylvania
Original application March 10, 1931, Serial No. 521,500. Divided and this application February 14, 1934, Serial No. 711,159
7 Claims. (Cl. 173—326)



1. An electrical conductor including an inner conductor and a body of insulating material around said inner conductor, said body of insulating material being capable of extinguishing arcs when subjected to the heat thereof and including at least 20% of boric acid in the free state.

2,105,061
WALL HOOK
Edward H. Tate, Frank E. B. Tate, and Christopher Tate, Malden, Mass., assignors to E. H. Tate Company, Boston, Mass., a corporation of Massachusetts
Application September 16, 1935, Serial No. 40,784
4 Claims. (Cl. 248—301)



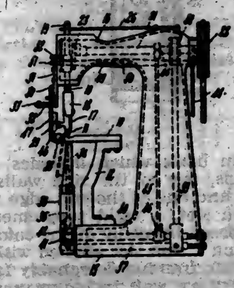
3. A wall hook comprising a strip of metal having a straight intermediate portion forming the back thereof, a lower end portion bent into hook form, and an upper end portion bent to form a closed loop, said back having a hole therethrough and a tongue struck up therefrom at the lower end of the hole to project forward, said upper portion of the strip having a second hole spaced from said hole in the back, the end of said upper portion of the strip engaging said tongue, and a pin projecting through said two holes and frictionally engaged by a face of said strip adjacent to said end thereof.

2,105,062
WALL HOOK
Edward H. Tate, Frank E. B. Tate, and Christopher Tate, Malden, Mass., assignors to E. H. Tate Company, Boston, Mass., a corporation of Massachusetts
Application December 24, 1935, Serial No. 55,906
3 Claims. (Cl. 206—79)

3. In combination with a display card, a wall hook comprising a strip of metal having its lower portion bent into hook form and having its upper portion attached to the card so as to hold the wall hook edgewise against the card, and means to prevent side swing of said lower hooked portion of the wall hook on said card, said means comprising a tab upstanding from said card and extending transversely within the hook of said lower portion from one opposing face to the other, the side edges of said tab being substantially in contact with said opposing faces respectively.



2,105,063
RIB SETTING AND TRIMMING MACHINE
Percy W. Valentine, Brooklyn, N. Y., assignor to Puritan Manufacturing Company, Boston, Mass., a corporation of Massachusetts
Application November 23, 1935, Serial No. 51,275
4 Claims. (Cl. 12—20)



1. A machine of the type having a base, a bracket rising from the base, and an overhanging arm, means for operating upon reinforced ribbed innersoles consisting of a narrow table projecting laterally from said bracket adapted to support the rib of such an innersole on its upper side and abut at its end against the surface of the innersole adjacent to the rib, a presser movable in the overhanging arm toward and away from the table to cooperate with the latter in gripping the innersole rib, and a knife similarly movable beside said presser in position to sever reinforcing material extending over the table, said table having a lip on its extremity projecting toward the overhanging arm and arranged to indent the innersole rib and reinforcing material in the angle between such rib and the adjacent body of the innersole.

2,105,064
LAP STICK
James R. Wilson, Ramseur, N. C.
Application November 17, 1936, Serial No. 111,333
1 Claim. (Cl. 15—162)



A lap stick formed from a rod or iron having one end bent laterally at right angles to the rod

and then bent into a circular portion occupying a plane at right angles to the longitudinal center of the rod.

2,105,665
INDICATOR CONTAINER
David H. Zell, Brooklyn, N. Y.
Application November 25, 1933, Serial No. 699,685
5 Claims. (Cl. 235—100)



1. In a coin bank which includes side walls and edge walls, one of the side walls containing a window and one of the end edge walls containing a coin slot, a rigid supplementary end edge wall disposed inwardly of the coin slot edge wall and having a coin slot aligned with the coin slot of that wall, framing detachably fastened to said supplementary wall including a sheet disposed inwardly from and parallel to said window containing side wall and forming therewith a shallow chamber separated by the sheet from the hollow interior into which coins may be passed through said slots, a pair of cooperating disks in said chamber revoluble on parallel transverse axes carried by said framing and having dial faces for exhibit behind said window, a swingable member in the hollow interior adapted to be actuated by a coin pressed through said slots, extending into said chamber through a transverse slot in said sheet and pivotally mounted on said sheet in said chamber, and transmission mechanism within said chamber mounted on said sheet for operation by the actuation of said swingable member and having connection with one of said disks for imparting driving movement thereto, all of said working parts being removable as an entity arrangement with the detachable framing by which they are solely supported.

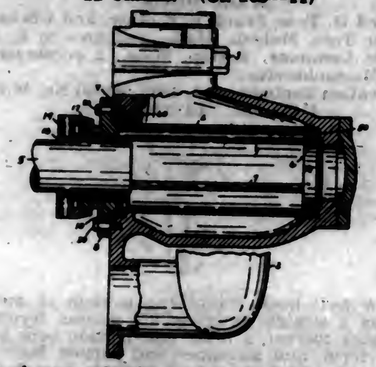
2,105,666
INDICATOR CONTAINER
David H. Zell, Brooklyn, N. Y.
Original application November 25, 1933, Serial No. 699,685. Divided and this application November 15, 1934, Serial No. 753,156
2 Claims. (Cl. 194—74)

1. In a coin bank including a casing having a coin receiving slot and an indicator dial; a coin guide carried by said casing beneath said slot, said casing having an elongated opening in opposite walls thereof, said openings being parallel with said guide, a substantially U-shaped coin moving member provided with lateral projections engaging in said openings, a rock lever carried by said casing disposed in the path of movement of the coin, and means connected to said



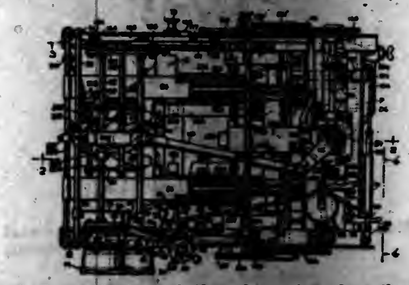
lever engaging said dial to rotate said dial upon rocking of said lever.

2,105,667
PUMP
Herbert Allen, Houston, Tex., assignor, by mesne assignments, to Abercrombie Pump Company, Houston, Tex., a corporation of Texas
Application June 29, 1934, Serial No. 733,079
11 Claims. (Cl. 103—44)



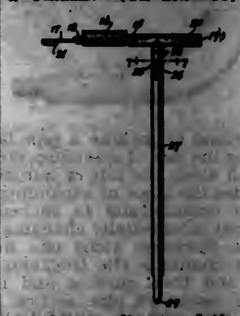
1. A pump having a barrel; inlet and outlet means for said barrel; said barrel having a counterbored opening in one end; a hollow expansible member insertible in said opening having an internal annular flange on one end to bear against that end wall of said barrel remote from said opening, and an external annular flange on its other end to bear against the shoulder of said counterbore; a support insertible into said member having a first ring to engage said internal annular flange and a second ring to engage said external annular flange; and a plurality of rods extending from said first ring into said second ring; a head on the counterbore end of said barrel engaging said rods; a gasket between said second ring and said head; adjustable means to move said head toward said barrel to compress said gasket and flanges; said second ring having fluid passageways extending substantially radially and circumferentially therethrough, and being in communication with the interior of said expansible member; said barrel having upper and lower ducts communicating with said passageways; pumping fluid in said expansible member, ducts and passageways; a piston reciprocable in said head and in co-acting relation with said pumping fluid; and means to pack said piston in said head.

2,105,668
FEEDING DEVICE
Adam Allendorf, Forest Hills, N. Y.
Application February 26, 1936, Serial No. 65,762
8 Claims. (Cl. 271—27)



1. In a device of the character described, a vertically movable table adapted to carry a stack of papers such as checks, bills, notes or the like, a conveyer belt mechanism, a vacuum means for lifting a piece of paper from said table, and transferring it to said belt mechanism and a trip lever and positive mechanical means for actuating it when said vacuum means picks up a paper from said table.

2,105,669
PERMANENT WAVING APPLIANCE
Max Arnold, New York, N. Y.
Application April 8, 1936, Serial No. 73,188
2 Claims. (Cl. 132—33)

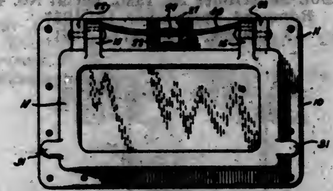


1. A hair waving appliance of the class comprising a clamping device for embracing a strand of hair near the scalp, and a rotatable spindle mounted upon said clamping device and upon which said strand of hair is to be wound; said clamping device being characterized by a body part providing a mount for said spindle, said body part being of generally planiform shape, and having a gripping edge and a serrated locking edge; a swinging clamping lever mounted pivotally upon said body member near one end of said gripping edge, being adapted to swing through an arcuate path into gripping alignment with said gripping edge, said swinging lever having pivoted at its free end a latch member provided at its free end with a pivotally mounted, freely swinging detent adapted to be swung by manual pressure applied sidewise against said detent into easy self-adjusting selective engagement with an appropriate tooth component of said serrated locking edge, according to the thickness of the strand of hair at any time embraced between said clamping lever and the complemental clamping edge of said body member, and further characterized by having said serrated locking edge formed as a sinusoidal cam, and by having said detent formed with a recurved terminal having a round, complemental tooth adapted to travel smoothly over the serrated cam to and from the position of selective adjustment.

2,105,670
MAGNETIC CORE
Adolph F. Bandur, Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application February 16, 1934, Serial No. 711,552
7 Claims. (Cl. 175—21)

3. A method of making a magnetic body which comprises applying to finely divided magnetic particles an insulating coating of finely divided refractory insulating material, magnesium hydroxide and an alkali metal silicate, and heat treating the coating to cure the insulation.

2,105,671
FILTER GLASS HOLDER
Frederick M. Bowers, Chester, Pa.
Application October 1, 1937, Serial No. 166,799
3 Claims. (Cl. 2—8)

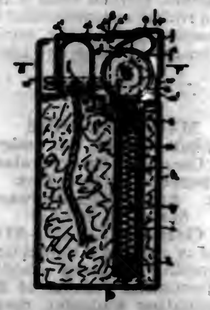


1. In a filter glass holder including a frame part adapted to be permanently secured to a welding shield about a window opening therein, said frame part being formed with a casement, and a filter glass holding frame part having a pair of spaced ears that are pivotally mounted on the first mentioned frame part, means for yieldably maintaining said glass holding frame part either in closed position in the casement or in an out-of-the-way position comprising a spring having its extremities in engagement with said ears, and means disposed intermediate said ears for placing said spring under tension.

2,105,672
PYROPHORIC IGNITER
Arthur Dubsky, Vienna, Austria
Application August 1, 1936, Serial No. 93,758
In Austria August 6, 1935
7 Claims. (Cl. 67—7.1)

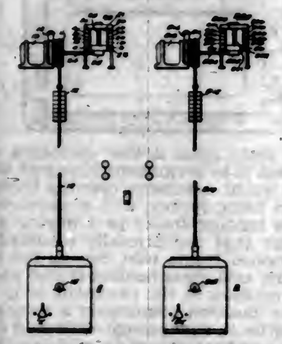
1. A pyrophoric igniter having a frame, a friction wheel, a wick, a wick cap adapted to rock about the friction wheel axis, a manually movable hollow pressure member attached to the wick cap, said cap and pressure member being movable in unison and a tension spring having one portion in pressing engagement with the hollow pressure member at a point above the wheel axis and normally to one side thereof and having another portion in fixed pivotal engagement with the frame at a point below the wheel axis, said spring being so shaped and so positioned relative to the axis of the wheel that it normally tends to accelerate the movement of said cap and pressure member to open or closed position when said pressure member is manually

moved to a point where the point of engagement between the spring and pressure member is in



alignment with the wheel axis and its point of pivotal engagement with the frame.

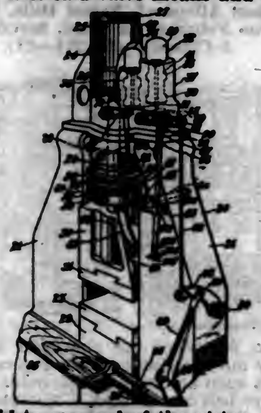
2,105,073
SIGNAL SYSTEM FOR ELEVATORS
William F. Ramse, Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill., a corporation of Illinois
Application September 26, 1935, Serial No. 42,175
Renewed September 10, 1937
15 Claims. (Cl. 177—336)



1. In a signal system for an elevator car serving a plurality of floors, a signal device on said car, a control device for each floor, means responsive to operation of said control devices for assigning selected calls exclusively to said car and for causing said signal device to give stop signals corresponding to the assigned calls, and means responsive to predetermined traffic conditions for modifying the operation of said first-mentioned means to restrict the number of calls assigned exclusively to said car.

2,105,074
FLUID ACTUATED HAMMER
Ernest G. Eppens, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application August 26, 1937, Serial No. 160,958
7 Claims. (Cl. 121—39)

1. In a fluid actuated hammer, the combination of a casing having a piston chamber and a reciprocatory piston therein, valve means to effect the distribution of pressure fluid to the piston chamber for actuating the piston, and other valve means for controlling the supply of pressure fluid to the first said valve means and to admit



pressure fluid to one end of the piston chamber to hold the piston stationary.

2,105,075
METHOD AND APPARATUS FOR MAKING PIPE BENDS
Rudolph E. Fritsch, Louisville, Ky., assignor to Tube-Turns, Incorporated, Louisville, Ky., a corporation of Kentucky
Application October 8, 1935, Serial No. 44,032
4 Claims. (Cl. 153—32)

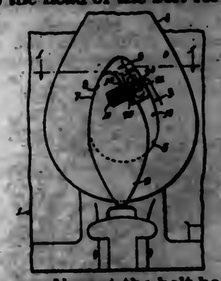


1. The method of making a pipe bend having the wall along the side of maximum radius thicker than the wall along the side of minimum radius, which includes the steps of expanding a straight pipe section eccentrically to increase the diameter without substantially changing the length, reducing the thickness along one side without substantially changing the thickness along the other side, and then curving and further expanding the expanded pipe section to shorten the thinner side without substantially shortening the thicker side and without substantially changing the thickness of either side.

2,105,076
BALANCE STOP FOR DOOR TYPE ELEVATORS
Herbert E. Grau, Los Angeles, Calif., assignor to Byron Jackson Co., Huntington Park, Calif., a corporation of Delaware
Application March 20, 1937, Serial No. 132,066
6 Claims. (Cl. 294—61)

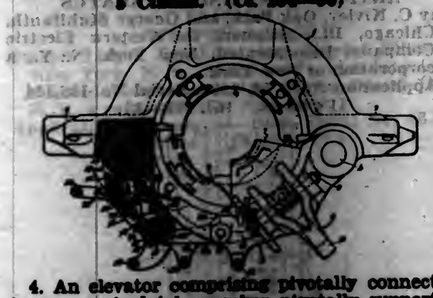
1. In a balance stop construction for door type slip elevators, the combination of a tubing elevator having a pair of pipe encircling members with hinge means connecting the same to enable the said members to swing apart to open the elevator, one of said pipe encircling members having a pair of oppositely disposed outwardly projecting lugs; a supporting link for each lug having an eye receiving its corresponding lug, at least one of said lugs having a balance bolt mounted therein with a head located in the space between the lug and

the adjacent face of the eye, and a cap removably attached to the head of the bolt for engaging the



face of the eye adjacent the bolt head to hold the elevator substantially upright when open.

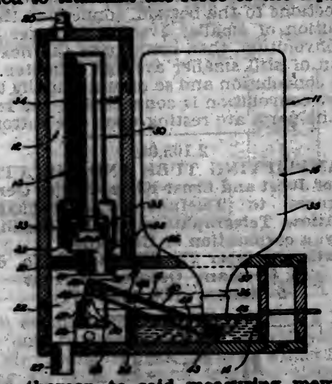
2,105,077
ELEVATOR LATCH
Richard K. Hertel, Vernon, Calif., assignor to Byron-Jackson Co., Los Angeles, Calif., a corporation of Delaware
Application May 9, 1936, Serial No. 78,830
5 Claims. (Cl. 296—99)



4. An elevator comprising pivotally connected jaws, a main latch member pivotally supported on one of said jaws, a lug on the other jaw adapted to be engaged by said main latch member when the jaws are closed and said latch is swung against the said other jaw, said latch member and lug having cooperating contact faces substantially normal to a radius extended thereto from the axis of said latch member, when the jaws are in closed position, a shoulder on said main latch member, and an auxiliary latch pivotally supported on the said other jaw adapted to engage said shoulder on said main latch when said jaws are closed and said main latch is engaged with said lug.

2,105,078
PROPORTIONING DEVICE
Charles B. Hill, El Monte, Calif., assignor to Hill Brothers Chemical Co., Inc., Los Angeles, Calif., a corporation of California
Application October 23, 1933, Serial No. 167,987
6 Claims. (Cl. 210—89)

1. In a proportioning device of the character described, the combination of: a supply tank; means for supplying liquid thereto; means for intermittently discharging liquid from said tank in measured quantities and at intervals controlled as a function of the volume of liquid supplied to said tank; a solution-holding vessel; an unbalanced measuring member normally submerged in the solution in said vessel to receive a measured quantity of said solution and having a discharge portion extending outside of said vessel; and an impact member positioned in the path of the liquid discharged from said tank and arranged to transmit the force of the liquid im-



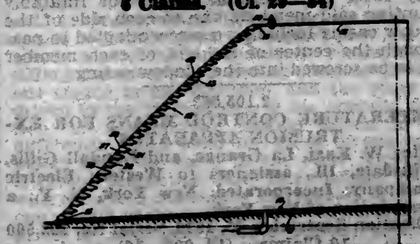
pinging thereon to said measuring member to overcome the unbalanced condition thereof and discharge said measured quantity of solution from said vessel.

2,105,079
ARC WELDING SYSTEM
Claude J. Holslag, South Orange, N. J., assignor to Electric Arc Cutting & Welding Company, Newark, N. J.
Application October 29, 1936, Serial No. 108,131
2 Claims. (Cl. 219—8)



1. An arc welding system using bare metallic wire throughout as one electrode, in conjunction with the work to be welded as the other electrode, and means for automatically feeding a dry flux in sufficient quantity around the arc to completely shield the arc and cover the molten metal produced by the arc, and automatic means for picking up any excess flux and returning it to storage.

2,105,080
METHOD OF ERECTING COLLAPSIBLE GASHOLDERS
Konrad Jagschitz, Mainz, Germany
Original application February 21, 1936, Serial No. 65,004. Divided and this application March 25, 1937, Serial No. 132,961
6 Claims. (Cl. 29—84)



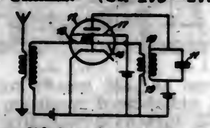
1. The method of erecting a collapsible gasholder whose shell is composed of a series of con-

volutions of diminishing average diameter from the bottom toward the top which comprises connecting the lowermost of the series of convoluted shell sections to the bottom, connecting the next convolution of smaller average diameter to the first convolution, then connecting the next convolution of still smaller average diameter to the second convolution and so on until finally the innermost convolution is connected to the roof, all while the parts are resting upon the bottom.

2,105,661
AMPLIFYING TUBE AND CIRCUIT

Gunther Jobst and Ernst Kletz, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application October 27, 1933, Serial No. 695,401
In Germany October 10, 1932
5 Claims. (Cl. 179—171)

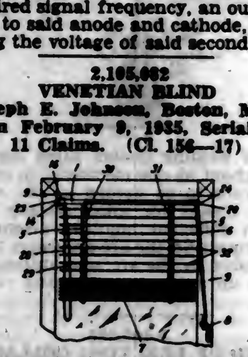


2. In an amplifying device, the combination of a vacuum tube having a cathode, an anode, a control grid located between said anode and cathode and constructed so as to control the electron current between one-half only of said cathode and anode, a second grid located between said anode and cathode and constructed so as to control the electron current between the other half only of said cathode and anode, means for varying the voltage of said control grid in accordance with a desired signal frequency, an output circuit connected to said anode and cathode, and means for varying the voltage of said second grid.

2,105,662
VENETIAN BLIND

Joseph E. Johnson, Boston, Mass.

Application February 9, 1935, Serial No. 5,752
11 Claims. (Cl. 156—17)



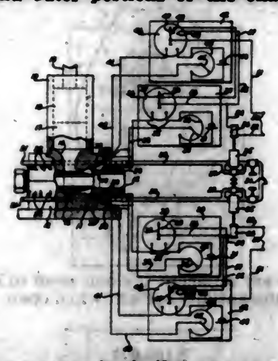
1. In a Venetian blind the combination of a tilt rail and means for rotatably supporting the same between the sides of a window casing comprising cup-like metallic members shaped to fit closely over the ends of said tilt rail and substantially cover its ends and means for rotatably mounting said members one to each side of the window casing including a screw adapted to pass through the center of the end of each member and to be screwed into the window casing.

2,105,663
TEMPERATURE CONTROL MEANS FOR EXTRUSION APPARATUS

Walter W. Kagi, La Grange, and Randall Gillis, Hinsdale, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application September 25, 1936, Serial No. 102,500
10 Claims. (Cl. 207—16)

1. An extrusion apparatus, comprising a walled chamber, means for heating the chamber wall, means for measuring the temperatures at the inner and outer portions of the chamber wall,

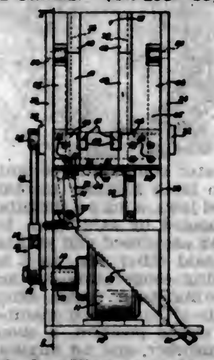


and means responsive to the average of said temperatures for controlling the heating means.

2,105,664
ARTICLE HANDLING APPARATUS

Ray C. Kivley, Oak Park, and George Stuhlfauth, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application April 10, 1937, Serial No. 136,124
11 Claims. (Cl. 198—33)



1. An article handling apparatus for sorting blanks comprising a rocking carrier, a magazine for feeding parts to said carrier, a pair of knife edged selectors associated with said carrier for receiving a blank from the carrier, and means for moving one of said selectors to cause a blank positioned on a pair of selectors to drop therefrom with a predetermined end of the blank downward.

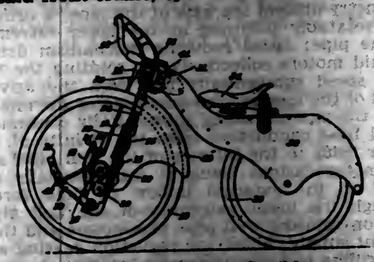
2,105,665
VEHICLE

Richard Laberda, Brooklyn, N. Y.

Application February 20, 1937, Serial No. 126,747
14 Claims. (Cl. 280—240)

1. A vehicle embodying therein a front frame, a rear frame pivotally connected therewith, a driving wheel mounted in said front frame, a wheel mounted in said rear frame, and means applying power to said driving wheel comprising oscillatory levers mounted in said front frame, a flexible connection having its opposite ends connected with said levers, and expansible and contractible means in the length thereof permitting

elongation and shortening of said flexible connection, means limiting the amount of expansion and contraction of said means, guides for said flexible connection carried by said front frame, and one-way clutch mechanisms carried by said front frame, operative upon said driving

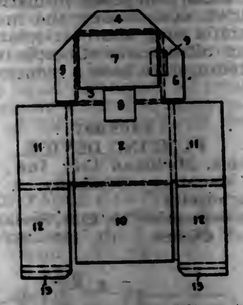


wheel and actuated by said flexible connection, whereby the portion of said flexible connection between said expansible and contractible means and said lever may impart turning movement to said driving wheel independently of movement of other parts of said flexible connection.

2,105,666
SHIPPING CASE

Joseph Liskin, Brooklyn, and Samuel Stimmel, New York, N. Y., assignors to Standard Corrugated Case Corporation, Long Island City, N. Y., a corporation of New York

Application January 14, 1936, Serial No. 58,998
4 Claims. (Cl. 229—37.5)



1. A one-piece folder providing a complete shipping package for a plate article, said folder comprising a main panel, a holder panel connected with one edge of said main panel to fold thereon, flaps on said holder panel to fold over and retain the article, two side flaps connected with other edges of said main panel to fold over said holder panel, and extension flaps connected with said side flaps and adapted to fold under said main panel.

2,105,667
CONDENSER POTTING COMPOSITION

Raymond P. Lutz, Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

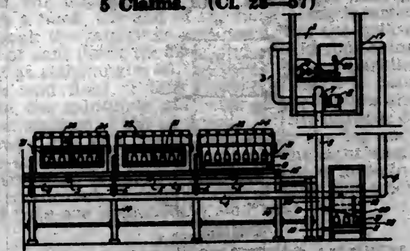
No Drawing. Application September 5, 1936, Serial No. 99,683
7 Claims. (Cl. 106—17)

1. A condenser potting composition for condensers impregnated with a halogenated hydrocarbon comprising a mixture of asphaltic material and a medium for inhibiting diffusion of said material.

2,105,668
APPARATUS FOR HUMIDIFYING TEXTILE YARNS

Timothy Lyden, Tenafly, and Patrick J. Lyden, Jersey City, N. J.

Application July 23, 1936, Serial No. 92,136
5 Claims. (Cl. 28—57)



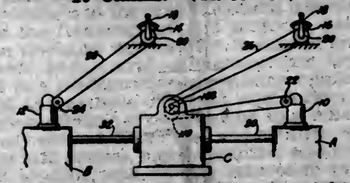
1. In combination, a yarn chamber; a humidifying unit having means for humidifying with water air passing through the unit; a duct for conducting air from the unit into the chamber to pass through the chamber; means for causing the air to pass through the unit, duct and chamber; a heater for heating the humidifying water; heat sensitive means in said air between the point of humidification and before its discharge from the chamber and the air after it passes the chamber respectively; and means cooperating with said sensitive means for causing said heater to raise the temperature of the humidifying water whenever the temperature in the duct is at least a predetermined amount lower than the temperature of said air that has passed through the yarn chamber.

4. In combination, a yarn box comprising a pressure chamber and a yarn chamber; hollow perforated yarn supports in the yarn chamber and communicating with the pressure chamber; and restricting means in the support for limiting the amount of air passing thereto from the pressure chamber.

2,105,669
MECHANICAL SYNCHRONIZING DEVICE

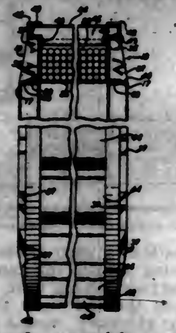
Erle Martin, West Hartford, Conn., assignor to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware

Application May 7, 1936, Serial No. 78,395
10 Claims. (Cl. 60—97)



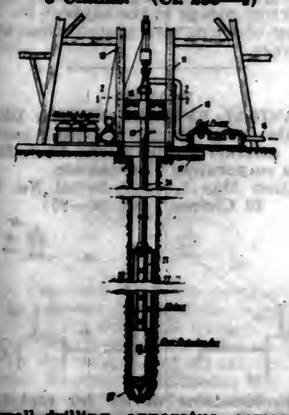
1. A synchronizing device for matching the speeds of jointly operating engines provided with speed controlling mechanisms comprising, a differential mechanism having one side driven by one engine in one direction, and the other side driven by the other engine in the opposite direction, an intermediate portion driven by said differential sides when the speed of one engine differs from the speed of the other, means operatively connecting said intermediate portion with the speed controlling mechanism of at least one of said engines, and means for releasing the drive to said intermediate portion when the speeds of said engines differ by more than the predetermined amount.

2,105,890
REEL
Paul S. McCann, La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application January 11, 1936, Serial No. 58,636
7 Claims. (Cl. 206—59)



1. A cable reel comprising spaced metallic heads, a drum connected therebetween, and channel shaped lags for enclosing the reel, each head having an annular peripheral member adapted to support opposite ends of said lags, said channel lags having their side arms narrowed at their ends where they rest on said members for increasing their resistance against deformation by impact stresses.

2,105,891
WELL DRILLING RIG
Charles W. MacKay, Tulsa, Okla.
Application April 4, 1936, Serial No. 72,766
5 Claims. (Cl. 255—4)

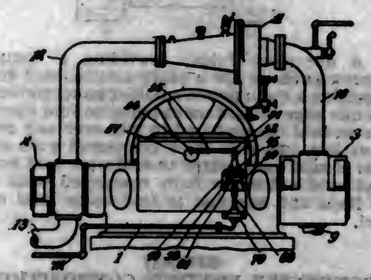


1. A well-drilling apparatus comprising, in combination, a sectional well pipe constructed to extend from the surface of the ground continuously to the vicinity of the bottom of the hole, and to supply a substantially rigid unit throughout its length, to resist both torque and vertical thrust and to supply a heavy downward thrust to aid in the drilling operation; means at the surface of the ground for holding the well pipe against rotation; means also at the surface of the ground for raising, lowering and suspending the pipe and regulating its downward thrust and the effect thereof on the drilling operation; means also at the surface of the ground for forcing fluid downwardly through the pipe; a plurality of electric motors mounted upon the pipe near its lower extremity, with their rotor axes parallel with each other and with the axis of the pipe, said rotor axes being spaced from the axis of the pipe and disposed with geometric symmetry around the axis of the pipe; a drilling tool rotatably mounted at the lower extremity of the pipe; speed reducing mechanism driven by said motors collectively for rotating the tool at a speed substantially less than the driving speed of the motors; the mounting of the motors upon the pipe providing substantially continuous metal heat conduction from the vicinity of the motor fields to the interior of the well pipe, and the motor casings being at least partially exposed to the external upflow of fluid forced through the lower extremity of the well pipe; the non-rotating well pipe, the motors and their current supply cables, the reduction gearing and the drilling tool comprising an integrated organization extending throughout the length of the hole and movable upwardly and downwardly, through handling at the top of the hole, as a structural unit.

2,105,892
MAGNETIC MATERIAL
Charles C. Neighbors, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application October 31, 1934, Serial No. 750,220
6 Claims. (Cl. 175—21)

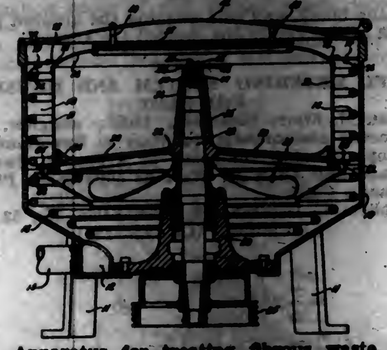
1. A method of making a compressed magnetic dust core, which comprises insulating magnetic dust particles, compressing the insulated particles to form a core, and heat-treating the core in a nascent nitrogenous atmosphere containing sufficient hydrogen to have a reducing effect.

2,105,893
PUMPING DEVICE
Warren Noble, Michigan City, Ind., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application September 20, 1934, Serial No. 744,838
2 Claims. (Cl. 103—38)



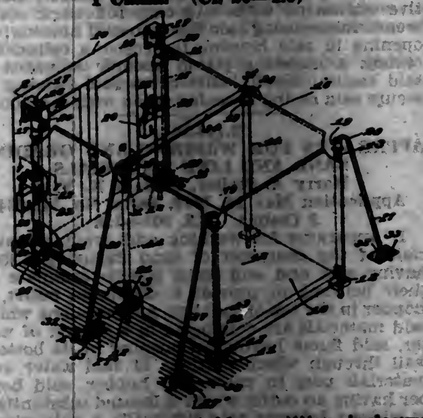
1. In combination, in a pump, a crank shaft, a cylinder, a piston therein, operative driving connections between said crank shaft and said piston including mechanism adjustable to effect different lengths of piston stroke, and means governed by the terminal pressure of said pump, actuated by said crank shaft and having an operative connection with the latter independent of said operative driving connections first mentioned for adjusting an element of said mechanism to change the length of piston stroke.

2,105,894
APPARATUS FOR AND THE METHOD OF TREATING FIBROUS WASTE FOR JOURNAL BOX USE
Edwin S. Pearce, Indianapolis, Ind., assignor to Railway Service & Supply Corporation, Indianapolis, Ind., a corporation of Indiana
Application January 28, 1934, Serial No. 707,698
16 Claims. (Cl. 141—9)



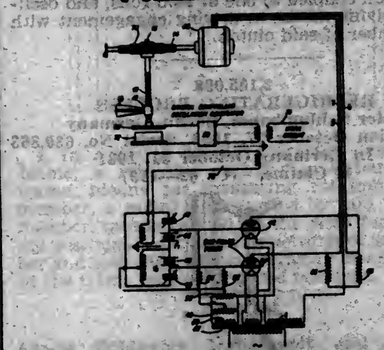
1. Apparatus for treating fibrous waste for journal box use, comprising a casing for receiving and holding a treating liquid, means within said casing for heating the liquid therein, a perforated rotatable container mounted in said casing for receiving and holding the waste to be treated, means in said casing and outside of said container for effecting a forcible passage of said treating liquid through said container and hence through said waste, with consequent transfer to said liquid of at least some of the objectionable content of said waste, means for effecting the removal from said casing of the major portion of said treating liquid, and means for rotating said container to remove from said waste an appreciable portion of the treating liquid therein.

2,105,895
PORTABLE PARTITION
Alfred G. Peterson, Milton, Mass.
Application December 7, 1936, Serial No. 114,530
1 Claim. (Cl. 20—1.6)



In an improved portable partition inclosure adapted to surround the inside area of a room adjacent the outside entrance, the said enclosure comprising a vertical fabric wall supported by means of hollow posts attached to said fabric wall and mounted in the floor of said room, a central strap member transversally positioned across the upper central area of said fabric wall having anchor rings located at the ends thereof, rigid brace rods adapted to connect with said wall and said floor, the upper end of said rods being bent to form a hook, the end of the hook being inserted through the said rings and down into the hollow end of said posts, the floor end of said rods being bent at right angles to the said rods and parallel with said floor, a link pinned through a floor plate, the said plate pin being located below the upper surface of the said plate for the purpose of allowing the said link to drop below the top surface of said plate when not in use, the right angle bent portion of said rods being adapted to be inserted through the upper end of said link when said rods are attached to said wall posts.

2,105,896
FREQUENCY COMPENSATOR FOR AN OSCILLATION GENERATOR
Harold O. Peterson, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Original application June 5, 1931, Serial No. 542,206. Patent No. 2,007,145, dated July 2, 1935. Divided and this application June 6, 1935, Serial No. 25,258
6 Claims. (Cl. 250—36)

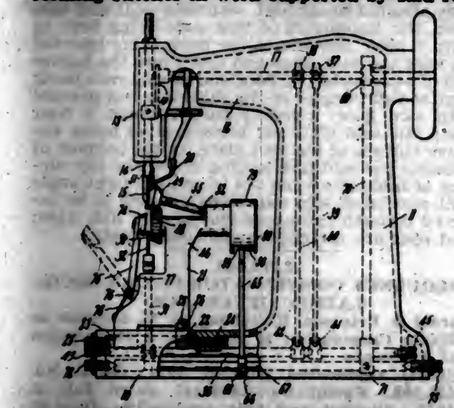


1. In combination, a source of oscillatory energy, means including a piezo-electric device having at least one electrode disposed in adjustably spaced relation to the crystal element thereof for varying the frequency of said source, a pair of electron discharge devices each having an anode, a cathode and a grid, a piezo-electric crystal ground to a predetermined frequency coupled to the grid and cathode of one of said devices, another piezo-electric crystal ground to a different frequency coupled to the grid and cathode of the other of said devices, means coupling said source to said crystals, and, means responsive to the output of either of said electron discharge devices for controlling the electrode spacing of the first mentioned piezo-electric device thereby to adjust the frequency of said source so as to lie intermediate the frequencies of the two crystals last mentioned.

2,105,897
SEWING MACHINE WITH ROLLER FEED
Jesse V. Poole, Abington, Mass., assignor to Puritan Manufacturing Company, Boston, Mass., a corporation of Massachusetts
Application June 12, 1935, Serial No. 26,173
9 Claims. (Cl. 112—67)

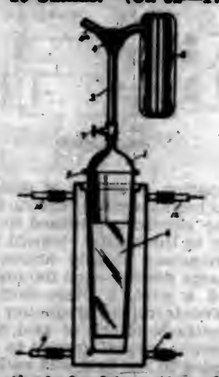
1. A sewing machine comprising a base, a

standard rising from said base, a feed roll mounted on said standard in position to support and propel the work, an element of stitch-forming mechanism guided in said standard to act in forming stitches in work supported by said roll,



a cooperating press roll arranged to bear against work supported by the first-named roll, a one-way clutch coupled to one of said rolls, and oscillative driving means in driving engagement with one member of said clutch.

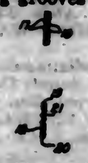
2,165,098
REFRIGERATING PROCESS
Peter Schlumbohm, Berlin, Germany
Application October 27, 1933, Serial No. 639,863
In Germany October 31, 1931
10 Claims. (Cl. 62—179)



1. The method of refrigeration which comprises evaporating a refrigerant to produce refrigeration and causing an absorption of the refrigerant vapor by frozen absorbing material that melts to a liquid during the absorbing.

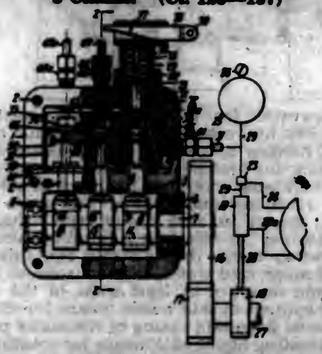
2,165,099
METHOD OF MANUFACTURING KEYS
Andrew L. Schuyler, La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application August 31, 1935, Serial No. 38,703
2 Claims. (Cl. 76—110)

1. A method of forming keys for rotor center tumbler type locks which comprises forming a blank of a predetermined contour from sheet metal stock, milling grooves in opposite surfaces



of the blank, and cold swaging the grooved portion of the key to the desired thicknesses.

2,165,100
FUEL METERING SYSTEM AND HOUSING FOR SAME
Allan M. Starr, Piedmont, Calif., assignor, by mesne assignments, to Starr & Sweetland, a copartnership composed of Ernest J. Sweetland and Allan M. Starr as copartners, Piedmont, Calif.
Application December 2, 1935, Serial No. 52,463
3 Claims. (Cl. 123—137)

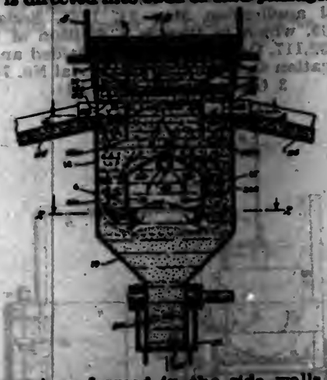


2. A fluid metering mechanism comprising a housing; a partition in said housing; a cam shaft on one side of said partition; a plurality of cam followers slidably mounted within said partition and in operative alignment with cams on said cam shaft; a cover-plate to enclose a side of said housing; a fluid-metering block on the side of said partition opposite said cam shaft; a plurality of metering valves mounted in said block in operative alignment with said cam followers; screw means for securing said block in said housing; an opening in said housing to receive a cylindrical casing; a metering piston slidably mounted in said casing; means exterior to said housing to secure said casing in sealed union with said block.

2,165,101
APPARATUS FOR WASHING AND GRADING SAND AND LIKE MATERIALS
Harry A. Stelley, Buffalo, N. Y.
Application May 15, 1937, Serial No. 142,824
3 Claims. (Cl. 209—158)

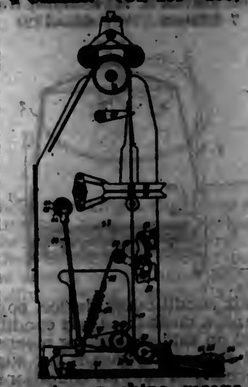
1. Apparatus for washing and grading materials of the character of sand including a box having side and end walls which terminate at their bottoms to provide a discharge outlet, a hopper in the top of said box, a flume along which said materials are conducted in a stream of water, said flume having an opening in its bottom wall through which portions of said water and materials pass to enter said hopper, said hopper having an outlet which is located substantially midway between said side walls, a gate which is adjustable in the direction of said end walls across said last named outlet to regulate the amount of material which is permitted to pass

through said hopper, a deflector arranged under said hopper and being of a length such that its ends abut the end walls of said box, said deflector having oppositely sloping top walls and depending sides which are spaced from the side walls of said box to provide passages, the ridge provided by the top walls of said deflector extending in the same direction and being located below and substantially midway between the longitudinally extending edges of said hopper outlet, whereby to divide the water and entrained materials into two substantially equal streams, one of which is directed into each of said passages, over-



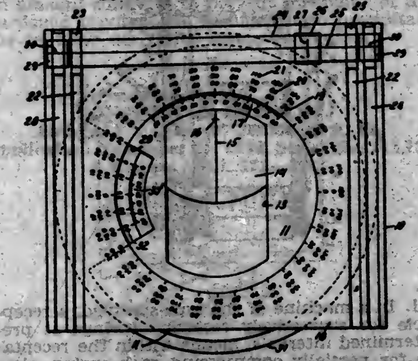
flow openings formed in the side walls of said box above said deflector, angular baffles which fit against the side walls of said box above said overflow openings, said baffles having depending sections which are spaced from said side walls and which extend below said openings and means for introducing water into said box in such a manner that it is caused to flow upwardly through said passages to said outlet openings, the rate of flow of said water through said passages being regulated so that foreign materials are carried out through said openings while the materials to be recovered settle to the bottom of said box over said discharge outlet.

2,165,102
WARP FEED FOR WIRE WEAVING LOOMS
Herbert L. Thompson, Elgin, Ill., assignor to Reynolds Wire Co., Dixon, Ill., a corporation of Illinois
Application October 8, 1935, Serial No. 44,821
4 Claims. (Cl. 139—189)



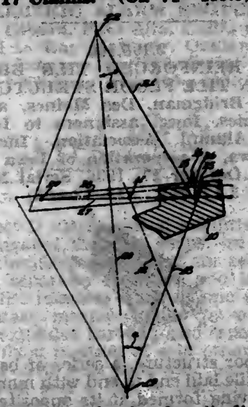
1. In a weaving machine, means for feeding warp wires to the machine, a whip roll forwardly in the machine from said means and resting on the advancing warp wires, means for pivotally mounting the whip roll to swing on an axis between the whip roll and the warp feeding means, a rotary element adjacent the whip roll, means associated with said element for imposing pressure on the whip roll for pressing the whip roll against the warp wires.

2,165,103
NAVIGATION INSTRUMENT
Nicholas Sinitsin-White, Westport, Conn., assignor of one-third to John L. R. Glover, Fairfield, Conn., and one-third to Nicholas N. Solovieff, Milford, Conn.
Application February 24, 1936, Serial No. 65,377
10 Claims. (Cl. 33—1)



4. In a device of the character described, a frame, a rotatable member mounted in said frame, means for measuring rotation of said member, a radial slide carried by said rotatable member, means carried by the slide for indicating positions determined by settings of said member and said slide, and cooperating means carried by the frame for marking said positions.

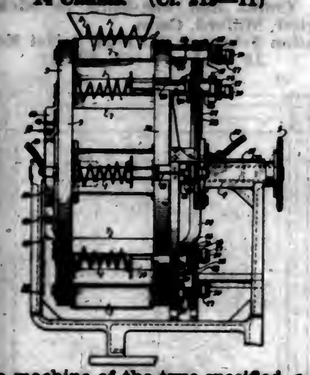
2,165,104
GEAR
Ernest Wildhaber, Irondequoit, and Allan H. Candee, Rochester, N. Y., assignors to Gleason Works, Rochester, N. Y., a corporation of New York
Application October 13, 1936, Serial No. 105,884
17 Claims. (Cl. 74—459.5)



1. A tapered gear having longitudinally curved

teeth and tooth spaces of tapering depth from end to end whose opposite side faces are conical and have their axes inclined at other than right angles to the root plane of the gear.

2,105,105
MACHINE FOR ELECTRICALLY HEATING SPRINGS
Fred R. Zimmerman, Chicago, Ill., assignor to Nachman Spring-Filled Corporation, Chicago, Ill., a corporation of Illinois
Application August 19, 1936, Serial No. 96,715
14 Claims. (Cl. 219—11)



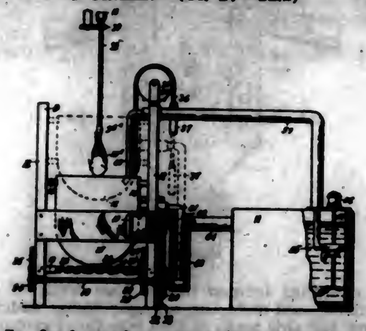
1. In a machine of the type specified, a receptacle for successively receiving springs at predetermined intervals, means within the receptacle for partially compressing each spring, electrically conductive members constituting terminals of an electric circuit carried by said means, mechanism for actuating said means to compress the spring and maintain the same compressed during a predetermined time interval, mechanism for rotating one of said members relatively to the other thereof for engaging the same with and disengaging the same from terminal end portions of the spring at the beginning and end, respectively, of said time interval for closing and opening the circuit through the body of the spring, and mechanism for restoring said means to normal position and effect complete release of the spring and its discharge from the receptacle immediately following its disengagement from said members.

2,105,106
PRECAST REINFORCED TILE BEAM AND SPAN TILE FLOOR STRUCTURE
Charles T. Bridgman, Des Moines, and Henry Glase, Ames, Iowa, assignors to Iowa State College Alumni Association, Incorporated, Ames, Iowa, a corporation of Iowa
Application October 27, 1936, Serial No. 107,838
2 Claims. (Cl. 72—66)



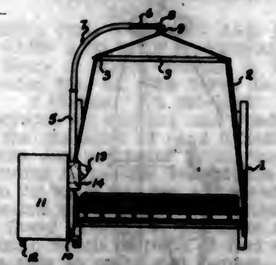
1. In a floor structure, a series of beams, each comprising tile laid end to end with mortar joints, each tile having formed at its opposite sides below its top laterally projecting, upwardly opening channels, the channels being substantially filled with reinforced concrete, hollow span tile laid upon and between the successive beams with their ends resting directly on the horizontal shoulders thus formed, and concrete above the beams and span tile bonded to the interior of the span tile and to the first-named concrete and to the upper side walls and tops of the beams.

2,105,107
APPARATUS FOR TREATING POULTRY
Albert W. Bruce, Ottumwa, Iowa
Original application May 21, 1934, Serial No. 726,709, which in turn is a division of Serial No. 692,117, October 6, 1933. Divided and this application October 15, 1934, Serial No. 748,280
3 Claims. (Cl. 17—11.1)



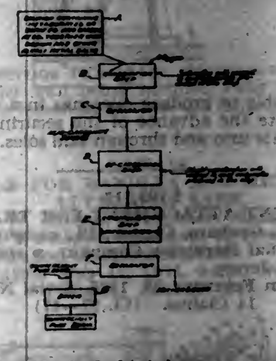
3. In fowl waxing apparatus, a waxing tank for holding molten wax, a conveyor for fowls and means actuated by the conveyor for causing the fowls to be coated with wax from said tank when they reach a certain position of their travel on the conveyor, said means including a tank, mechanism for raising and lowering the tank and a device actuated by the travel of the conveyor for putting said mechanism into operation, and means for maintaining the wax at a constant level in the tank in all of its positions.

2,105,108
DEVICE FOR CONDITIONING AND COOLING AIR
Powel Crosley, Jr., Cincinnati, Ohio, assignor to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio
Application March 2, 1934, Serial No. 714,687
7 Claims. (Cl. 62—129)



1. In an air conditioning device, portable supporting means, a mechanical air conditioning device mounted on said supporting means, a standard on said supporting means for supporting a canopy externally of said air conditioning means, a canopy so supported and connections between said canopy and said air conditioning means, and means for causing a forced circulation of air through said air conditioning means, connections and canopy, one of said connections being adjustable to direct a blast of cooled air to desired positions within said canopy.

2,105,109
PROCESS FOR PRODUCTION OF BORAX
Paul T. Dolley, Bartlett, Calif., assignor to Pacific Alkali Company, Los Angeles, Calif., a corporation of Delaware
Application November 19, 1934, Serial No. 753,701
6 Claims. (Cl. 23—59)



1. The method of obtaining commercially pure borax from an aqueous solution saturated with respect to an acid carbonate of sodium and containing substantial amounts of borax which comprises removing carbon dioxide of the acid carbonate to the extent that the solution becomes unsaturated with respect to acid carbonate at the temperature at which borax commences to crystallize from the solution, slowly cooling the solution to crystallize borax therefrom, and separating the commercially pure borax from the solution.

2,105,110
RING BUOY AND METHOD OF MAKING THE SAME
Richard J. Driscoll, White Plains, N. Y., and John H. Driscoll, Edgewater, N. J.
Application November 20, 1936, Serial No. 111,100
6 Claims. (Cl. 9—17)

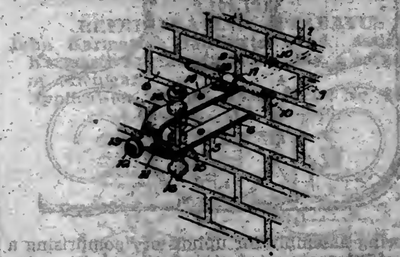


1. A method of making a ring buoy which comprises cutting two ring-shaped strips of casing material, sewing the outer peripheries of the two strips together, turning the two strips inside out to bring the sewing of the outer peripheries inside the casing, sewing together the inner peripheries of the two casing strips, sewing buckets to the strips and to a rope before filling the casing with filling material, and inserting filling material through an opening in the casing located beneath a bucket until the casing is substantially rigid.

2,105,111
NONSHRINKING WOODLIKE PLASTIC COMPOSITION
Gustavus J. Esselen, Swampscott, Mass., assignor to The A. S. Boyle Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application December 23, 1935, Serial No. 55,044
9 Claims. (Cl. 106—40)

1. A doughy putty-like plastic composition containing a cellulose derivative, a volatile liquid which is a solvent for the cellulose derivative, a liquid which is a non-solvent for the cellulose derivative and a finely divided cellulose filler in such proportion as to harden upon mere exposure to the air to substantially the rigidity and solidity of wood, said non-solvent liquid being present in an amount sufficient to prevent shrinkage of the hardened product and insufficient to precipitate the cellulose derivative from the solution.

2,105,112
INSULATOR BRACKET
Archibald T. Flower, Lambertown, Pa.
Application November 21, 1936, Serial No. 112,187
6 Claims. (Cl. 173—321)



4. An insulator bracket for attachment to a masonry wall formed of a single strip of flat metal bent substantially U-shape to provide spaced parallel arms, the free ends of said arms being adapted to pass through respective horizontal seams of the wall in bridging relation to a transverse vertical seam of the wall, and tangs struck from said arms adapted to enter the transverse vertical seam of the wall.

2,105,113
ELECTRIC ALARM SWITCH
Florian G. Gibson, Palo Alto, Calif., assignor of one-third to Ray Matheny, Oakland, Calif.
Application January 21, 1936, Serial No. 60,015
2 Claims. (Cl. 200—142)



1. An electric alarm switch comprising, a pair of flat elongated metallic strips, an insulation separator therebetween, means for securing said strips and separator together and in substantially parallel relation adjacent one end of said strips, contact means carried by one of said strips and extended through said separator to an outwardly fixed position of said other strip, said last named strip and separator having aligned cross grooves, and a fusible element removably mounted in said grooves and for holding said last named strip spaced from said contact means.

2,105,114
ALLOY STEEL TOOL
James P. Gill, Latrobe, Pa., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa., a corporation of Pennsylvania
No Drawing. Application November 13, 1937, Serial No. 174,467
1 Claim. (Cl. 75—126)

A tool composed of a readily forgeable and machinable high speed alloy steel of the molybdenum type, said steel containing from .75% to 1.20% carbon, from 3.75% to 4.75% chromium, from 8.25% to 10.00% molybdenum, and from 2.00% to 4.25% vanadium, the ratio of the vanadium to carbon being in excess of two and one-half to one and below three and one-half to one, with the remainder of the alloy substantially all iron.

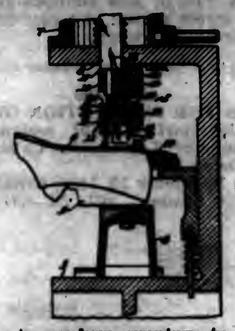
2,105,115
UPHOLSTERY SPRING ASSEMBLY
William W. Gleason, Chicago, Ill., assignor to Nachman Spring-Filled Corporation, Chicago, Ill., a corporation of Illinois
Application July 20, 1936, Serial No. 91,462
1 Claim. (Cl. 5—269)



A spring assembly for upholstery comprising a group of interconnected springs disposed in relative positions to form a rectangular structure, channeled L-shaped sheet metal corner members, each secured to and embracing the outermost portion of the terminal coil of a corner spring and the outermost portions of the terminal coils of the two marginal springs next adjacent the respective corner springs, resilient wires projecting at their ends into the arms of said corner members and in tangential relation to the terminal coils of the last-named marginal springs and secured to the latter by said corner members, said border wires being secured to the outermost portions of the terminal coils of the remaining marginal springs and rendering yielding the edge portions of the assembly disposed between the portions embraced by said corner members by flexing of said last-named portions of said border wires and said corner members being substantially inflexible and causing load disposed upon any one or several springs embraced thereby to be transmitted to all of the said springs to which said members are secured.

2,105,116
APPARATUS FOR SECURING METALLIC HEEL FASTENERS TO SHOES
Hiram Gordon and Albert C. Beggs, Columbus, Ohio, assignors to Lock-On Heel Company, Chicago, Ill., a corporation of Illinois
Application October 5, 1936, Serial No. 104,004
5 Claims. (Cl. 1—19)

1. In apparatus for securing metallic heel attaching plates to shoes, a driving head embodying a plurality of sections, means formed with one of said sections to detachably engage a heel attaching fastening plate of the type having spaced prongs therewith, and sole penetrating tines carried by the other section of said head



and operable to produce openings in a shoe sole to facilitate the advance of the securing prongs of said plate into and through said soles.

2,105,117
IMPLEMENT ATTACHMENT FOR TRACTORS
William S. Graham, Canton, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application February 29, 1936, Serial No. 66,354
14 Claims. (Cl. 97—47)

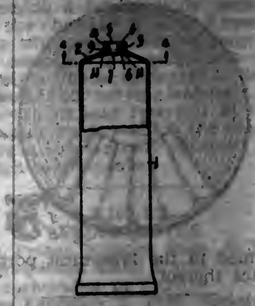


1. In a tractor attached implement comprising a boom structure extending rearwardly from said tractor, said tractor having a power lift attachment operated from the motor of said tractor, lifting means mounted on said boom structure and actuated from the power lift attachment, the combination with said boom structure of an implement frame connected to said tractor and positioned underneath the lifting means to which the implement frame is connected whereby the weight of the implement frame may be properly distributed in transport position upon the operation of said power lift attachment, said implement frame comprising a main transverse frame, a subframe, ground engaging tools mounted on said subframe, and means for slidably mounting said subframe for a free lateral movement of translation whereby said ground engaging tools are free to follow the furrows of plant rows.

2,105,118
CLOSURE FOR TUBES OR CONTAINERS
Douglas Henderson, Toronto, Ontario, Canada
Application June 18, 1936, Serial No. 85,847
9 Claims. (Cl. 221—[illegible])

1. A tube or container having a neck portion at its discharge end and an internal shoulder surrounding said neck portion, said neck portion having an outlet formed therethrough; a valve shaped as a truncated cone, controlling said outlet; and a spring member normally tending to seat the valve secured intermediate its ends to the truncated end of said cone and having its ends engaging said internal shoulder; the outer part of said outlet wall forming a seat for said valve,

the inner part of said outlet wall being inclined away from said valve to form an annular ma-



terial receiving recess; the intermediate part of said outlet wall being inclined away from said valve at a lesser angle than the inner portion.

2,105,119
FERRULE FOR HANDLES AND METHOD OF ATTACHING SAME
Howard W. Rhodes, Worcester, Mass., assignor to The Washburn Company, Worcester, Mass., a corporation of Massachusetts
Application May 11, 1935, Serial No. 21,040
1 Claim. (Cl. 29—94)



The method of attaching a ferrule in a handle construction which consists in providing a metallic shank with a groove having a rim at one side thereof and forcing a metallic ferrule, having an opening initially smaller than the shank adjacent to the groove, on said shank by the pressure of a handle carrying the ferrule until said ferrule is seated in said groove, accompanied by deformation of the rim of said groove to clamp the ferrule between said rim and the end of said handle.

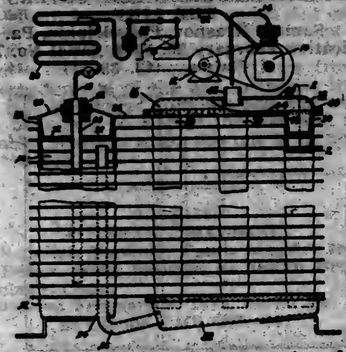
2,105,120
FURROW OPENER FOR GRAIN DRILLS
Arnold E. W. Johnson, Chicago, Ill., assignor to International Harvester Company, a corporation of New Jersey
Application June 8, 1936, Serial No. 84,092
7 Claims. (Cl. 209—121)

1. A bearing construction comprising, in combination with a cylindrical support, a ball bearing race rigidly secured to the outer end of said support, an outer bearing race and a plurality of balls adapted to radial and axial loads mounted on said race, a retaining structure comprising a sleeve concentric with respect to the cylindrical support and a portion secured to the outer race, a flexible sealing annulus secured to the outer bearing race, a sealing member of resilient material contacting one face of said annulus and one face of the inner bearing race, and an annular sealing member abutting the outer surface of the



cylindrical support and the inner surface of the sleeve.

2,105,121
REFRIGERATING APPARATUS
John Karmazin, Huntington, Ind., assignor to Karmazin Engineering Company, a corporation of Michigan
Application May 31, 1935, Serial No. 24,277
4 Claims. (Cl. 257—46)

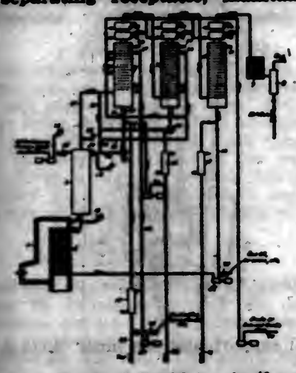


3. A combined condenser and receiver for refrigerating apparatus comprising a vertically disposed chamber, a plurality of vertical condensing tubes, a plurality of horizontal fins extending across said tubes and said chamber, header means for connecting the ends of said tubes in a refrigerant flow circuit and for closing the ends of said chamber and including means for conducting refrigerant first through said tubes and then into said chamber.

2,105,122
ART OF CRACKING HYDROCARBONS
Thomas B. Kimball, Hammond, and Orin G. Kaasa, Munster, Ind., assignors to Sinclair Refining Company, New York, N. Y., a corporation of Maine
Application June 30, 1932, Serial No. 619,618
16 Claims. (Cl. 196—53)

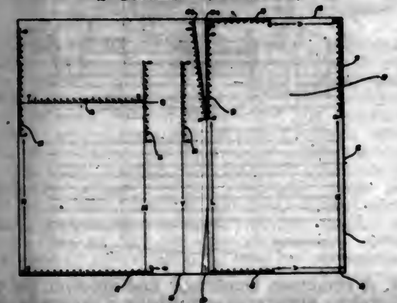
1. In cracking and coking petroleum oils, the improvement which comprises forcing a stream of oil to be cracked through a heater and heating it therein to a temperature approximating 1000°-

1150° F. and reducing another oil to coke by direct heat exchange with this stream of heated oil in a coking receptacle, cooling the vapors from the coking receptacle to separate a residual tar in a separating receptacle, maintaining that



minimum volume of liquid tar in the separating receptacle necessary to maintain liquid discharge from the lowermost part thereof, discharging liquid tar from the lowermost part of the separating receptacle and introducing part but only part of this discharged tar into the coking receptacle.

2,105,123
MEANS FOR MAKING SLIP COVERS AND THE LIKE
Samuel Krasnow, Philadelphia, Pa.
Application February 20, 1934, Serial No. 712,145
2 Claims. (Cl. 33—1)



1. A sheet-like master pattern for use in making slip-covers for upholstered furniture and the like of a transparent or translucent more or less form-retaining material and of rectangular form, having thereon a series of operatively co-related rectilinear scales, and having marker holes therethrough through which the various dimensions may be marked from the various scales onto material for the slip-cover or for a subsidiary pattern, at least two of said rectilinear scales lying along meeting edges of the pattern, the pattern having a base line which is adapted to be superimposed upon or placed in coinciding relation to an edge of the material to be operated on.

2,105,124
PROTECTED TUBING
Howard J. Little, Fort Thomas, Ky., assignor, by mesne assignments, to The Andrews Steel Company, a corporation of Delaware
Application May 7, 1935, Serial No. 20,224
7 Claims. (Cl. 138—79)

1. A sheet metal tubing having a lower-most section of the interior wall provided with a moldable plastic material having a longitudinal



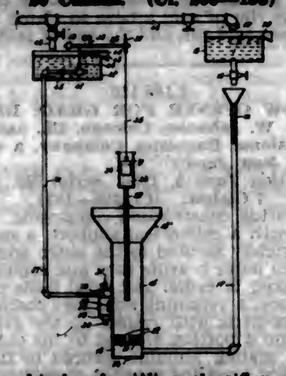
groove formed in the lowermost portion of the wear surface thereof.

2,105,125
MOWER
Charles L. Meinhold, Topeka, Kans., assignor of one-fourth to Fred P. Martin and one-fourth to Charles H. Martin, both of Topeka, Kans.
Application January 4, 1936, Serial No. 57,576
13 Claims. (Cl. 56—25)



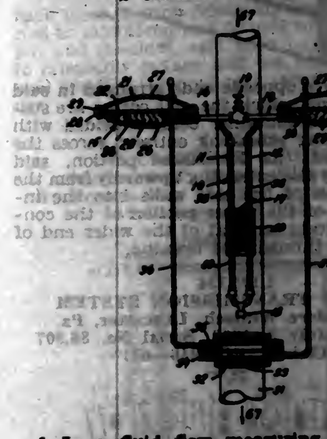
1. In a mower, a wheel supported frame, a subframe, means pivotally and swingingly mounting the subframe on the wheel supported frame, means for yieldingly retaining the subframe from swinging movement on the wheel supported frame, a sickle, means for pivotally mounting the sickle on the subframe, means for actuating the sickle including means for propelling the wheeled frame, and means for rendering said actuating means ineffective responsive to swinging movement of the subframe.

2,105,126
CLASSIFICATION
Jackson S. Pellett, Franklin, N. J., assignor to The New Jersey Zinc Company, New York, N. Y., a corporation of New Jersey
Application April 1, 1936, Serial No. 72,914
20 Claims. (Cl. 209—158)



1. In a hindered settling classifier, a chamber in which mineral particles are permitted to settle against a rising current of water and provided with a free discharge for classified pulp, means for maintaining a substantially constant rising current in the chamber, a control reservoir communicating with said classified pulp discharge, means for establishing a hydrostatic pressure in said reservoir to oppose discharge of the classified pulp, and means for varying inversely the hydrostatic pressure in said reservoir in response to changes in pulp density within the chamber while maintaining a substantially constant rising current through said chamber.

2,105,127
FLUID METER
Gregory A. Petree, Niagara Falls, N. Y., assignor to The Mathieson Alkali Works, Inc., New York, N. Y., a corporation of Virginia
Application February 5, 1936, Serial No. 62,487
2 Claims. (Cl. 73—205)



1. In a fluid flow measuring device, a differential manometer having two communicating arms, a pair of housings, a self-sustaining diaphragm of thin flat metal which is resistant to the action of chlorine extending transversely across each of said housings and dividing each of them into two non-communicating chambers, one manometer arm communicating with one chamber in one housing and the other manometer arm communicating with one chamber in the other housing, a differential pressure-creating means, the other chambers of said housings communicating respectively with opposite sides of said differential pressure-creating means, two immiscible liquids of different densities completely filling the manometer and the chambers communicating therewith, whereby any change of pressure on either side of the differential pressure-creating means will cause pressure to be transmitted directly and positively through the diaphragm in one chamber and said liquids to the diaphragm in the other chamber, said liquids having characteristics such that the line of demarcation between one liquid and the other is readily discernible.

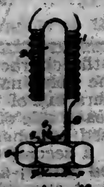
2,105,136
KITE STRING RIDER
John F. Plant, Long Beach, Calif.
Application August 26, 1936, Serial No. 97,784
8 Claims. (Cl. 244—135)

1. A kite string rider comprising a body, means attached to the body and slidably mounting said body on the string, said body being rotatably mounted on said means, trip means on the body,



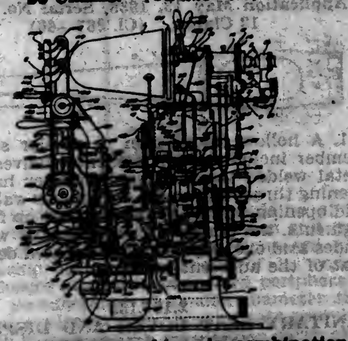
and means operable when released by the trip means whereby said body is rotated and reversed in position relative to the kite string.

2,105,139
WIRE CONNECTER
Frederick George Ridgers, Hamilton, Ontario, Canada, assignor to M. Slater Company Limited, Hamilton, Ontario, Canada, a company of Canada
Application January 12, 1933, Serial No. 651,583
2 Claims. (Cl. 173—263)



1. In a wire connecter, the combination with a bolt element having an open ended slot extending upwardly therein for the reception of wires and a nut threadable upon the bolt to close the slot, of a bendable tongue protruding from the nut reception end of the bolt to receive the nut when it is disengaged from the bolt and adapted to be bent over to engage the nut and retain it against rotation when the nut is in position upon the bolt.

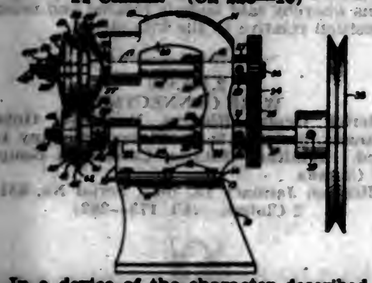
2,105,150
POUNCING MACHINE
Paul Schulze, Danbury, Conn., assignor to John C. Doran, doing business as Doran Brothers, Danbury, Conn.
Application February 9, 1935, Serial No. 5,757
23 Claims. (Cl. 223—20)



1. In a finishing machine, in combination, a hat support, hydraulic means adapted to impart axial movement to said support, a tool adapted to operate upon the surface of a hat mounted upon said support, hydraulic means adapted to cause relative movement between said support and said tool in a path extending from the apex

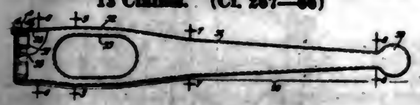
to the brim of the hat, and valve means adapted to control the direction of operation of said hydraulic means.

2,105,121
TRIMMING APPARATUS
John C. Smith, Norwalk, Conn., assignor to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware
Application May 15, 1936, Serial No. 79,915
14 Claims. (Cl. 223—16)



1. In a device of the character described, for trimming a hat, the combination of a rotary cutter; a pair of rollers, one of the pair of rollers being positioned on each side of said cutter, having angularly disposed peripheral faces defining an annular groove; a second cutter cooperable with said first named cutter; a roller associated with and positioned at one side of said second cutter, said second cutter and associated roller having angularly disposed peripheral faces complementary to the angularly disposed peripheral faces of said pair of rollers and extending into the annular groove defined thereby to cooperate with said pair of rollers in guiding the hat relative to the cutters; and a guide extending toward said cutters and in line with said annular groove for partially supporting and for directing the hat to the cutters and rollers.

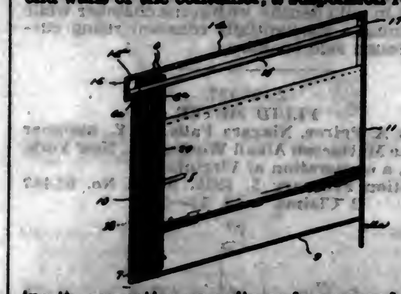
2,105,122
TORQUE ARM AND SIMILAR STRUCTURAL MEMBER
John D. Seehner, Valley Stream, and Henry S. Holmes, Brooklyn, N. Y., assignors to Metropolitan Engineering Company, Brooklyn, N. Y., a corporation of New York
Application May 13, 1936, Serial No. 79,482
13 Claims. (Cl. 267—66)



1. A hollow torque arm or similar structural member including two segmental halves of thin metal welded together, said member having an opening through it, and a continuous wall around said opening formed by flanges bent up from said segments, the portion of said member which includes said opening being of increased depth over that of the adjacent portions.

2,105,123
SANITARY SEAT COVER AND DISPENSING CABINET THEREFOR
Arve E. Wiitala, Ashtabula, Ohio
Application December 17, 1936, Serial No. 116,414
1 Claim. (Cl. 312—60)

In an apparatus of the character described, a dispensing container comprising a bottom wall disposed at an angle to the horizontal, side and end walls rising from said bottom wall, one of said side walls being curved outwardly toward the top to provide an increase in width at the top of the container to accommodate a plurality of segmental seat covers conformably fitted in the container, a removable cover member for the top of said container, said container being provided with internal grooves at the upper ends of the end walls of the container, a suspension rod having its respective opposite ends arranged in said grooves and from which the seat covers are suspended and said container being provided with a slotted opening extending entirely across the bottom adjacent its lowermost portion, said slotted opening also extending upwardly from the bottom of each of the side walls into the increased width of the upper portion of the container to facilitate removal of the wider end of the seat cover through the opening.



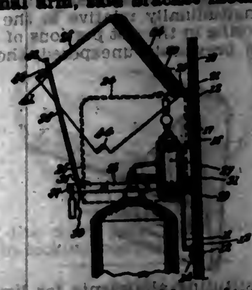
2,105,124
CURRENT TRANSMISSION SYSTEM
Max Theodore Wintsch, Lancaster, Pa.
Application July 2, 1936, Serial No. 88,907
10 Claims. (Cl. 246—63)



1. In a current transmitting system in which the rails of a track section are supplied with alternating current of a predetermined standard cycle for control of train carried apparatus, a train-carried receiving circuit including a receiver for said control current, a tuned-reed relay in said circuit having a set of reeds each carrying contacts and tuned to a band of frequencies approximating and including said predetermined standard cycle, said tuned-reed relay being selectively independent of filtering means, and another circuit including a master-relay controlled by current flowing through the reeds and contacts in said tuned-reed relay, said reeds and contacts being included in the circuit of the master-relay.

2,105,125
GAS INSTALLATION HOUSING
Peter A. Anderson, Portland, Maine
Application May 25, 1937, Serial No. 144,757
3 Claims. (Cl. 312—112)

1. In a housing installation, a back plate having means to support the same from a support, a hood hinged to said back plate to open upwardly, a bracket composed of angularly joined arms with a diagonal arm extending forwardly therefrom and a perforated terminal flange on the diagonal arm, said bracket mounted on the back plate, a prop releasably and rotatably carried by said flange and formed with a cooperating pin and shoulder, said hood having an opening to releasably engage said pin with an adjoining wall whereby the hood may rest upon said shoulder.



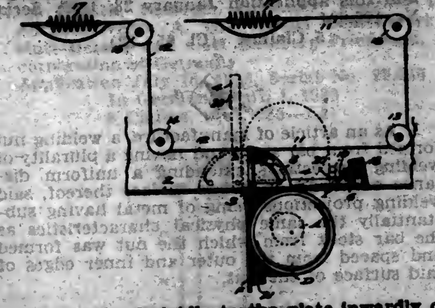
2,105,126
OIL CLARIFIER AND FILTER
Southwick W. Briggs, Glenmont, Md.
Application July 27, 1933, Serial No. 682,507
12 Claims. (Cl. 210—131)



1. In a pressure filter, a container having a jacket thereabout and opening at one end into the jacket, a liquid pressure feed pipe opening into the jacket to feed liquid under pressure through the jacket to regulate the temperature of the container and through the container, a filtering body in the container to filter the liquid passing therethrough, a return pipe connected to the jacket to carry off the liquid passing therethrough, a reducer in the return pipe for checking the passage of liquid through the jacket and increasing the pressure of the liquid therein to force a desired proportion of the liquid through the container, and a second return pipe leading from the other end of the container to take off the filtered liquid.

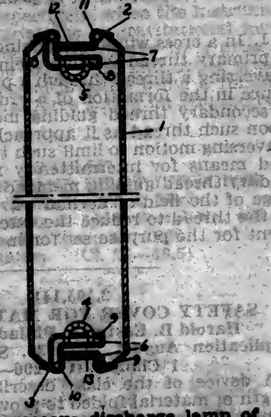
2,105,127
RETRACTABLE LANDING LIGHT
Donald L. Bruner, Coral Gables, Fla.
Application November 13, 1934, Serial No. 753,763
2 Claims. (Cl. 244—7.7)

2. In an airplane retractable landing light, an airplane wing structure having a bottom opening, a plate normally closing said opening and hingedly mounted to swing downwardly thereof, an electric lamp assembly carried by said plate for projecting a beam of light downwardly and outwardly of the line of flight in the downwardly swing position of the plate and means for lowering and raising the said plate including a pair of



quadrants fixed rigidly to the plate inwardly of the hinge with their arcuate edges concentric to the hinge axis of the plate, guide pulley fixed to the wing structure, cables connected to the said quadrants and extending in relatively opposite direction from the quadrants and around the pulleys to a point within convenient reach of a pilot of the airplane.

2,105,128
GASEOUS ELECTRIC DISCHARGE LAMP
James L. Cox, Danvers, Mass., assignor to Hygrade Sylvania Corporation, Salem, Mass., a corporation of Massachusetts
Application October 26, 1936, Serial No. 106,017
2 Claims. (Cl. 176—126)



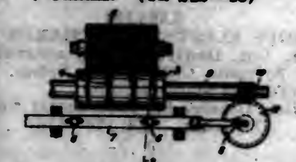
1. An electric gaseous discharge lamp of the type having a filling of an inert gas and mercury vapor and comprising an elongated glass tube having sealed across each of its ends a metal closure disc with an inward peripherally-grooved protuberance of smaller diameter than said disc, a wire wrapped around said protuberance and in said groove, an alkaline earth oxide coated electrode supported from said wire, and a refractory insulating coating over the interior surface of the disk and over the wrapped wire, said coating bonding the disk and wire into conductive contact and insulating them from the gas filling inside the lamp.

2,105,139
WELDING NUT
Leo Dumbeuld and John Kay, Berea, Ohio, assignors to The Ohio Nut & Bolt Company, Berea, Ohio, a corporation of Ohio
Original application April 20, 1936, Serial No. 75,266, now Patent No. 2,072,467. Divided and this application January 28, 1937, Serial No. 122,321
5 Claims. (Cl. 85—32)



1. As an article of manufacture, a welding nut formed from bar stock and having a plurality of welding projections extending a uniform distance outwardly from one surface thereof, said welding projections being of metal having substantially the same physical characteristics as the bar stock from which the nut was formed and spaced from the outer and inner edges of said surface of the nut.

2,105,140
CROSS WINDING MACHINE
Heinrich Dersen, Crefeld, Germany, assignor to Maschinenfabrik Carl Zangs A.-G. (Herm. Schroers Nachfl.), Crefeld, Germany
Application May 6, 1936, Serial No. 78,273
In Germany August 22, 1935
7 Claims. (Cl. 242—43)



1. In a cross winding machine, in combination, a primary thread guiding member for normally traversing a thread through a predetermined distance in the formation of a cross wound bobbin, a secondary thread guiding member for acting upon such thread as it approaches the end of its traversing motion to limit such traversing motion, and means for intermittently moving said secondary thread guiding member laterally into the edge of the field of normal traversing movement of the thread to reduce the extent of such movement for the purpose set forth.

2,105,141
SAFETY COVER FOR MATCH BOOKS
Harold B. Eastman, Philadelphia, Pa.
Application August 15, 1936, Serial No. 96,264
1 Claim. (Cl. 206—29)

A device of the class described including a length of material folded to provide a back, a retaining flap extending from one end of the back, a closure flap extending from the other end of the back, matches secured between the back and the retaining flap and adapted to be partly enclosed by the closure flap, and a striking material extending throughout the width of the closure flap at one end thereof, said end and the striking material thereon, being normally positioned between the retaining flap and the matches, there being an elongated slot in the retaining flap the walls of which are located inwardly from the edges of the retaining flap, a portion of the striking material being exposed through the slot for engagement by the head of a detached match and the remaining portion of the striking material being normally concealed by the retaining flap, the length of the slot being such as to expose sufficient striking surface to enable the lighting of a match, the closure flap being shiftable laterally and longitudinally relative to the retaining flap for exposing in the slot portions of the striking material previously unexposed, the walls of



the slot constituting abutments for limiting the striking movement of a match head on the exposed portion of the striking material thereby to hold the head, when sparking and ignited, away from the side edges of the book, and said walls of the slot furthermore constituting guards for intercepting sparks moving along the striking material during frictional contact of a match head with said material.

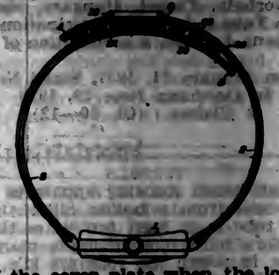
2,105,142
CONVEYER
John W. Forsythe, Wilkinsburg, Pa.
Application May 11, 1936, Serial No. 79,129
4 Claims. (Cl. 198—35)



1. A conveyer comprising a plurality of parallel shafts, each pair of said shafts being connected together adjacent their ends, a conveyer roll carried by each of said shafts, and means connecting adjacent connected pairs of shafts, said means being disposed adjacent the ends of said connected pairs of shafts and comprising a plurality of normally stationary frames, each of said frames being constructed and arranged to provide seats for the ends of said connected pairs of shafts, one end of said conveyer being connected to a normally stationary support, the other end of said conveyer being connected to a tensioning device whereby said conveyer presents a substantially flat conveying surface.

2,105,143
FASTENER FOR WRIST WATCH STRAPS
Charles B. Greenberg, New York, N. Y.
Application December 5, 1935, Serial No. 52,943
2 Claims. (Cl. 24—266)

1. A fastener for a pair of strap ends comprising, a guide-way forming member secured to one of said strap ends, a series of studs secured to the other strap end and adapted to slide through said guide-way, a cover plate above the guide-way forming member having an elongated opening and further having a ledge beneath one end of the opening, and a locking element pivoted in the guide-way forming member for engagement with said studs, said locking element including a lifting arm disposed within said opening and resting on said ledge in the



plane of the cover plate when the locking element is in locking position.

2,105,144
CHASSIS-FRAME FOR MOTOR-VEHICLES
Edward George Grisbrook, Coventry, England, assignor of one-half to The Standard Motor Company Limited, Coventry, England
Application October 20, 1936, Serial No. 106,670
In Great Britain May 21, 1936
11 Claims. (Cl. 280—106)



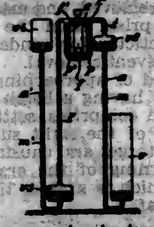
1. For a motor-vehicle, a chassis-frame comprising inwardly-facing channel-section members, said members having parts which are sharply inwardly offset and contact with one another, said offset parts being secured to one another where they contact to form an X between the ends of the frame with a relatively short length of box-section at the junction of the X limbs, and independent longitudinally-extending members arranged at the rear of the frame, said independent members having inwardly-inclined limbs which are parallel to and extend into the rear X limbs and are secured thereto.

2,105,145
SILO CHUTE
William W. Gurney, Winona, Minn., assignor to Madison Silo Company, Madison, Wis., a corporation of Wisconsin
Application April 28, 1937, Serial No. 139,799
8 Claims. (Cl. 72—6)



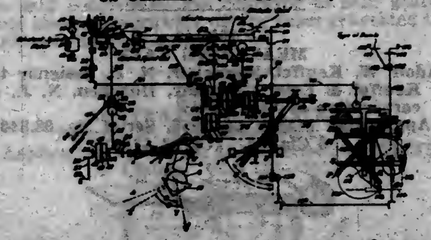
1. The combination with a silo having superposed door frames, of a sheet metal chute having vertical side edges built into the wall of the silo on opposite sides of said frames respectively.

2,105,146
GRAVITATION MEASURING INSTRUMENT
Hans Haalck, Potsdam, Germany, assignor to Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau, a corporation of Germany
Application July 10, 1936, Serial No. 90,626
In Germany April 1, 1935
8 Claims. (Cl. 265—1.4)



1. A gravity responsive instrument comprising, in combination, two vertically spaced first vessels; a charge of gas in each first vessel; a first conduit connecting said first vessels; a first mercury column in said first conduit, thereby tending to vary the expansion and compression of the gas in the upper and lower first vessels, respectively, when the instrument is subjected to variations in gravitational force; two vertically spaced second vessels; a charge of gas in each second vessel, a second conduit connecting said second vessels; a second mercury column in said second conduit, thereby tending to vary the expansion and compression of the gas in the upper and lower second vessels, respectively, when the instrument is subjected to variations in gravitational force; and indicating means responsive to a pressure differential in the lower first and upper second vessel, the differential pressure being a function of the gravitational force acting on said mercury columns.

2,105,147
BOMB SIGHT AND PILOT DIRECTOR
Henry B. Ingle, Flint, Mich.
Application February 8, 1930, Serial No. 426,998
Renewed June 15, 1936
32 Claims. (Cl. 33—46.5)



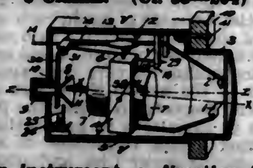
1. In a bomb sight, a computing means for computing a correction factor (S_x) comprising a cam settable in accordance with altitude, a second cam settable in accordance with the bomb characteristics, a parallel bar for each cam moved laterally thereby, a member settable longitudinally of said bar in accordance with a function of air speed, a diagonal lever having a sliding connection to the altitude bar and with said air

speed member, a second diagonal lever having a sliding connection with said bomb characteristic bar, a bar slidable in a direction parallel to said parallel bars and having a slidable connection at one point with the altitude bar and first named lever and at another point with said second mentioned lever, and means for transmitting the correction movement in the direction of said parallel bars of the sliding point of intersection of said bomb characteristic bar and said second mentioned lever.

9. In a computing mechanism, a sighting device including a removable reticule and a prism, means to prevent the removal of said reticule, said prism lying in the path of movement of said reticule when being removed, and means operated by removal of said prism from the path of movement of said recticule for rendering ineffective said means to prevent removal.

25. The method of approaching a target with bombing aircraft having a bomb sight rotatable in azimuth which comprises, setting up a variable rate of turn of the sight sufficient to keep the sight on the target and causing, by such act, signaling for turning of the craft at a predetermined rate which is greater than the rate of turning of the craft.

2,105,148
PILOT DIRECTOR
Henry B. Inglis, Fenton, Mich.
Original application February 8, 1930, Serial No. 426,906. Divided and this application January 15, 1935, Serial No. 1,971
3 Claims. (Cl. 33—204)



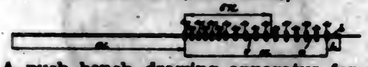
3. In an instrument, a direction indicator, a signaling indicator adapted to be displaced from a predetermined starting position corresponding to the starting position of said direction indicator in the same or in opposite sense to the direction of indication of said direction indicator, and means simultaneously zeroing both indicators upon predetermined angular movement in either direction of said signaling indicator from its initial position.

2,105,149
MEASURING TAPE
Adolf W. Keuffel, Montclair, N. J., assignor to Keuffel & Esser Company, Hoboken, N. J., a corporation of New Jersey
Application March 14, 1936, Serial No. 68,840
6 Claims. (Cl. 33—137)



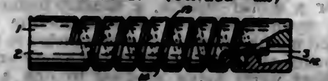
1. In a device of the character described, in combination, an end loop having extremities, an end of a tape disposed between the extremities of the end loop and opposed resilient spring strips between the tape and the respective extremities the free ends of which have a normal position on the opposite side of the tape tending to oppose and follow flexing movement of the tape with respect to the extremities.

2,105,150
TUBE PUSH BENCH
Károly Kerbuly, Csepel, Hungary, assignor to the firm Tube Industrial Participation Limited, Bregazzona-Lugano, a corporation of Switzerland
Application January 21, 1937, Serial No. 121,677
In Germany June 29, 1936
2 Claims. (Cl. 80—12)



1. A push bench drawing apparatus for producing a tube from a hollow billet, the length of which tube is at least ten times the length of the hollow billet, comprising a mandrel and roll passes, in which the rolls are idle, disposed in front of the mandrel, the number of said passes being greater than the figure indicating the relation between the length of the drawn tube and the original length of billet, said passes being disposed at such distances apart and decreasing successively in cross-sectional area in forward direction in such stages that the tube on entering the last and smallest pass reaches a length which extends at least to the last third of the total length of the whole series of passes and is acted on simultaneously by not less than one-third of the total number of passes.

2,105,151
SMOKE BAFFLING DEVICE
Max Kernblatt, Bronx, N. Y., assignor of one-half to Philip Kernblatt, Bronx, N. Y.
Application November 12, 1936, Serial No. 110,446
4 Claims. (Cl. 131—13)



1. A baffling device comprising a relatively small cylindrical unit split longitudinally on a horisontal plane, and internally threaded and adapted to be inserted in the stem of a smoker's article with the threads forming a spiral passage passing therethrough, through which all smoke formed in the article must pass, and a filler comprising a solid cylindrical member engaging the threads of said unit, and blocking out the center thereof.

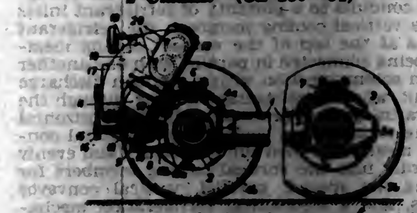
2,105,152
ARTIFICIAL SLAB
Richard Latterf, Hanover, Germany, assignor to The United Limmer and Vorwohle Rock Asphalte Company Limited, London, England, a British company
Application September 4, 1935, Serial No. 39,189
In Germany April 12, 1934
2 Claims. (Cl. 94—15)



1. An artificial stone unit for building purposes comprising a layer of substantial thickness consisting of granular natural stone with a matrix of hydraulic mortar and a layer of substantial thickness of a mass containing asphalt, characterised in that the slab consists solely of the two

layers united directly together so that the one layer is keyed or bonded into the other, the first-mentioned layer forming the wearing surface of the slab, while the asphalt-containing layer forms the base of the slab for attachment directly to the surface on which the slab is laid, at least a part of the particles of granular natural stone having a rough texture and being of sufficient size to key the two layers together.

2,105,153
MOTOR VEHICLE CHASSIS
Hans Ledwinka, Koprivnice, Czechoslovakia
Application April 6, 1937, Serial No. 135,235
In Czechoslovakia March 27, 1936
2 Claims. (Cl. 180—54)



1. A motor vehicle chassis comprising a bracket-like extension extending away from the centre of the vehicle beyond one of the axles and on which the engine and change-speed-gear are mounted, the latter comprising an auxiliary shaft driven by means of an intermediate gear and lying in alignment with the longitudinal driving shaft of the vehicle, said auxiliary shaft being connected at one end to said driving shaft and at the other end being provided with means for driving an auxiliary mechanism.

2,105,154
SPRAY NOZZLE
Norman G. Mason, Ladysmith, Wis.
Application June 7, 1937, Serial No. 146,915
2 Claims. (Cl. 299—107)

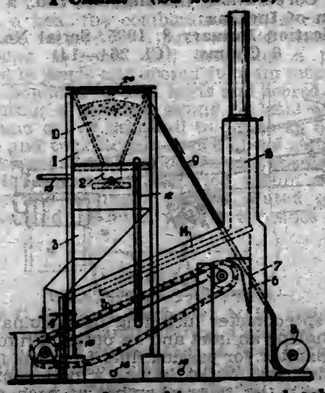


1. A nozzle of the class described, comprising a member having a tapered bore, a tapered member located in the bore and forming a passageway between itself and the walls of the bore, a member extending transversely across the first member adjacent the inner end of the bore thereof and rotatably supported in said first member and the tapered member having its inner end connected with the central portion of the transverse member.

2,105,155
NITROCELLULOSE EMULSIONS
Malcolm C. Moore, Newark, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 7, 1935, Serial No. 5,695
13 Claims. (Cl. 134—79)

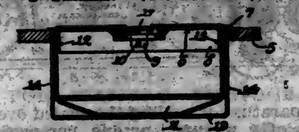
1. A nitrocellulose emulsion comprising a substantially water-immiscible solution of nitrocellulose emulsified with water through the medium of an emulsifying agent comprising methyl cellulose and a sodium salt of a half-ester sulphate of a higher aliphatic alcohol, the methyl cellulose being in amount not in excess of about 0.65% by weight of the non-volatile ingredients of the nitrocellulose solution and not less than an amount sufficient to have appreciable emulsifying action.

2,105,156
APPARATUS FOR HEATING COAL
John Stanley Morgan, near Wingate, England
Application April 7, 1934, Serial No. 719,581
In Great Britain April 8, 1933
1 Claim. (Cl. 202—109)



An apparatus for making gas and coke from a distillable fuel, comprising an enclosed mixing chamber of a size adapted to serve as a distillation chamber and having distributor means therein, a coal hopper above and adapted to discharge into said mixing chamber, a coke hopper above and adapted to discharge into said mixing chamber, an inclined and enclosed endless conveyor grate having the lower end thereof disposed below said mixing chamber and adapted to receive a mixture of coal and coke therefrom, means for supplying air to said grate to raise the mixture of coal and coke to incandescence, means for collecting incandescent coke discharged from the upper ends of said grate, a compressed gas conveyor for conveying part of the incandescent coke to said coke hopper from said collecting means, means for returning the hot gas produced in said compressed gas conveyor to said grate, and means for drawing off the gases generated in said mixing chamber.

2,105,157
ASHTRAY AND COASTER
Thomas R. Moss, Dyersburg, Tenn.
Application March 26, 1937, Serial No. 133,282
3 Claims. (Cl. 131—59)



4. In an ash receiver, a supporting section adapted to be fitted in an opening of a supporting surface, the lower ends of the supporting section extending below the lower surface of the supporting section and having openings, a re-

ceptacle fitted against the lower edge of the supporting section, and a supporting wire fitted against the bottom of the receptacle, the ends of the wire extending upwardly at oblique angles with respect to the bottom of the receptacle, and disposed in opposite directions, and portions of the supporting wire extending into the openings removably securing the wire and receptacle to the supporting section.

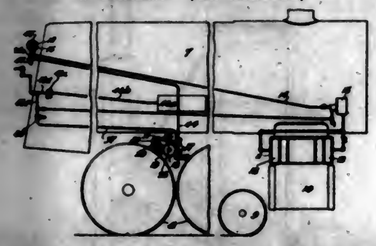
2,105,158

SPEEDOMETER

Edwin S. Pearce and Edmond C. Karibo, Indianapolis, Ind., assignors to Transportation Devices Corporation, Indianapolis, Ind., a corporation of Indiana

Application January 8, 1935, Serial No. 837

6 Claims. (Cl. 264—14)



1. A speedometer including in combination, a casing having an inlet and an outlet, a rotor having a chamber for passing fluid from the inlet to the outlet, said outlet having a port communicating with the rotor chamber at each side of the point where the inlet communicates with said chamber, whereby the fluid may be metered regardless of the direction in which the rotor may be turning, means for driving the rotor in ratio with the speed of the vehicle, a gauge for reading the metered air in terms of speed, and vented means for delivering metered air from said outlet to said gauge.

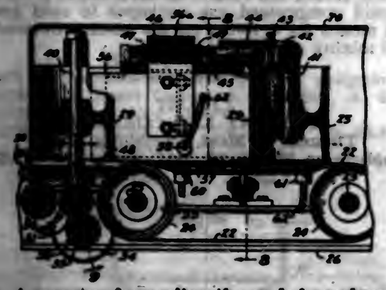
2,105,159

WRAPPING MACHINE

Charles H. Petskaven, Davenport, Iowa, assignor to Micro-Westco, Inc., Bettendorf, Iowa, a corporation of Delaware

Application June 1, 1935, Serial No. 24,515

13 Claims. (Cl. 93—2)



7. Apparatus for cooling the sealed overlapping portions of a wrapped article, comprising horizontally arranged heat exchanging conveyor means for engaging the underside of the wrapped article, spaced, parallel, vertically arranged heat exchanging conveyor means disposed above the horizontal conveyor for engaging opposite ends of the wrapped article, a vertical cooling member for each of the vertical conveyor means in heat exchanging contact therewith, said members each having a refrigerant inlet and a refrigerant outlet, the outlet being at the top and remote from the inlet, a plurality of horizontal cooling members for the horizontally arranged conveyor means in heat exchanging contact therewith, said horizontal cooling members each having a refrigerant inlet and a refrigerant outlet, a plurality of refrigerant inlets of the horizontal cooling members connected in parallel by refrigerant conduits and in communication with a common refrigeration feed conduit to receive fresh refrigerant from a common source, a plurality of refrigerant outlets of the horizontal cooling members individually connected by separate refrigerant conduits to a plurality of refrigerant inlets of the vertical cooling members, the refrigerant outlets at the top of the vertical cooling members being connected in parallel with one another and in communication with a common discharge conduit, whereby refrigerant flowing through the apparatus passes first through the horizontal cooling members for cooling the horizontal conveyor means and then simultaneously and evenly upwardly into the vertical cooling members for cooling the spaced, parallel, vertical conveyor means, and a mechanical refrigeration mechanism for feeding fresh refrigerant to the inlets of the horizontal cooling members and for receiving refrigerant from the outlets of the vertical cooling members.

2,105,160

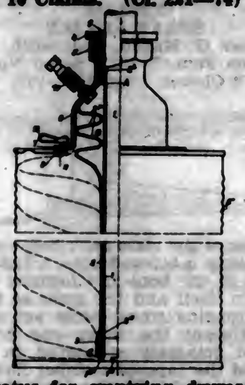
APPARATUS FOR EMPTYING DRUMS CONTAINING VERY THICK LUBRICANTS OR OTHER VISCOUS MATERIALS

Emile Piquerez, St. Cloud, France

Application December 8, 1936, Serial No. 114,845

In France December 17, 1935

10 Claims. (Cl. 221—74)



1. Apparatus for emptying drums containing very thick lubricants or pasty materials, comprising a bag made of flexible material which is impervious to air and to the material contained in the drum, and adapted when inflated to fill the drum and displace the material therefrom, a tube hermetically passing through said bag, said tube having its lower part outside the bag, said tube having an inlet opening in its lower part outside the bag, and also at its upper part an outlet opening, the bag and drum constituting an assembly adapted to engage in a drum through an opening in the drum, so that the lower opening of the tube comes near the bottom portion of the drum, a support for said assembly, said support being adapted to be hermetically connected with the drum at the opening thereof, and means for supplying compressed fluid into the bag.

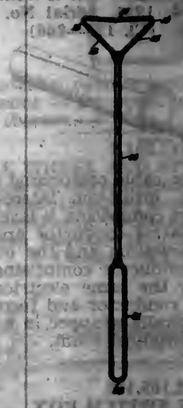
2,105,161

HANDLE FOR IMPLEMENTS, UTENSILS, AND THE LIKE

Stephen A. Platt, Decatur, Ill., assignor to U. S. Manufacturing Corporation, Decatur, Ill., a corporation of Illinois

Application March 19, 1936, Serial No. 69,019

1 Claim. (Cl. 16—110)



A handle for implements, utensils, and the like, including, in combination, a handle element composed of a suitable single length of wire or rod, an open triangular securing loop composed of a single piece of wire or rod bent to form a horizontal leg and downwardly converging legs whose free ends are bent inwardly and brought into facing juxtaposition with each other to form the apex of the triangle, which apex is located adjacent the upper end of the handle element where the parts are secured together by means of a weld, and a looped gripping element composed of a single piece of wire bent to form a loop whose free ends are brought into facing juxtaposition with each other and secured to the lower end of said handle element by a weld.

2,105,162

PLOW

Jan Erik Santmann, Overum, Sweden

Application December 1, 1936, Serial No. 113,656

In Sweden May 23, 1935

2 Claims. (Cl. 97—125)



1. A plow comprising a plow frame, a detachable share point, and a share plate, said share point being substantially wedge-shaped and having a rearwardly extending central shank, the wedge-surfaces of said share point being cut off obliquely at the rear end to conform to said share plate, and said plow frame forming a trough-shaped socket, the bottom of said trough-shaped socket enclosing a substantial portion of the lower wedge-surface of the share point.

2,105,163

SCHOLAR'S COMPANION

Nicholas Scandore, Brooklyn, N. Y.

Application July 1, 1936, Serial No. 88,471

10 Claims. (Cl. 229—15)



8. In a box, the combination of, a casing, a receptacle secured to a part of said casing and comprising a front wall including a portion bounded by kerfs and scored fulcrum means, the portion bounded by said kerfs and scored means constituting a member swung on said fulcrum means and out of said wall to define an opening therein and constitute a flange above said opening, a drawer slidably guided in said opening, and article-holding means mounted within said receptacle and having a portion seated on said flange to hold the latter against the sides of said drawer.

2,105,164

WEATHER STRIPPING

Norman C. Schlegel, Rochester, N. Y., assignor to The Schlegel Manufacturing Company, Rochester, N. Y., a corporation of New York

Application December 16, 1936, Serial No. 116,169

2 Claims. (Cl. 20—69)



2. Weather stripping for sealing the space between cooperating closure and frame members, comprising a flexible woven body section having a brush-like sealing section substantially in the plane thereof and forming a direct continuation of one of the side edges of said body section, said brush-like section comprising relatively long stiff pile interwoven with said body section and adapted to yieldingly engage one of said members, and a mounting strip for supporting said body section on the other of said members disposed on and substantially paralleling one side of said body section and having its inner edge terminating adjacent the portion of the body section from which the sealing section extends so that a substantial portion of said sealing section is left free to yield and be deflected upon contacting the member to be engaged thereby during movement of the closure member to final closing position.

2,105,165

DEVICE FOR WASHING PHOTOGRAPHIC PRINTS

Frederick C. Schnelz, Detroit, Mich.

Application April 9, 1937, Serial No. 135,262

4 Claims. (Cl. 95—97)

1. In a device of the character described, for use with a tray or like container adapted to receive photographic specimens or the like, a com-

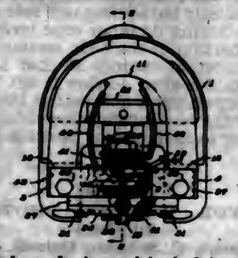
bination of a tubular nozzle member adapted to be projected into said tray, said nozzle member having a first substantially vertical row of orifices through which liquid may be discharged to effect a circulation within the container, and having a second substantially vertical row of orifices through which liquid may be discharged in substantially horizontal streams to maintain said specimens in a separated condition, said rows being angularly displaced from each other.



2,105,166
ELECTRICAL HEATING ELEMENT
Paul Schwarzkopf, Reutte, Austria
No Drawing. Application October 21, 1936, Serial No. 106,886. In Austria June 27, 1936
12 Claims. (Cl. 201—76)

12. Electrical heating element adapted for operation in oxidizing atmosphere at temperatures of and above about 1400° C., comprising a core of metal selected from a group consisting of tungsten, molybdenum and tantalum and a sintered cover consisting of metal oxide selected from a group consisting of alumina, magnesia, thoria, silica and beryllium oxide, the inside of said cover consisting entirely of at least one of said oxides melting above 1800° C. selected from said group and present in its pure state, the outside of said cover consisting of a sintered gas-tight product of silica and at least one of said metal oxides.

2,105,167
SOUND RECORDING AND REPRODUCING APPARATUS
Chester M. Sinnett, Westmont, and Emile C. Gueden, Audubon, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Application October 31, 1935, Serial No. 47,658
15 Claims. (Cl. 179—100.41)



1. In a pickup device subjected to a source of disturbing magnetic flux, a translating coil, a housing therefor, means for magnetically inducing useful electrical currents in said coil in accordance with sound waves, a neutralizing coil connected in series opposing relation with said coil, and structure for mounting said neutralizing coil on said device adjacent to said translating coil, but substantially independent of magnetic induction by said means, whereby both coils are subjected substantially in like manner to said disturbing flux for balancing out the effects of said flux.

2,105,168
ELECTRIC CABLE
Horace A. Staples, Plainfield, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y., a corporation of Delaware
Application May 4, 1935, Serial No. 19,763
3 Claims. (Cl. 173—266)



1. A two conductor cable comprising a pair of co-axial conductors, insulation interposed between the conductors comprising a layer of rubber adjacent the central conductor and a bedding between the insulation and the outer conductor, the outer conductor comprising a tube having substantially the same electrical resistance as the central conductor and formed from a continuous tape spirally wrapped in a plurality of layers with a longitudinal seam.

2,105,169
SAFETY SWITCH BOX
Walter F. Sutherlin, Birmingham, Ala., assignor of one-half to G. J. Jobelce, Birmingham, Ala.
Original application December 26, 1935, Serial No. 56,194. Divided and this application December 19, 1936, Serial No. 116,728
3 Claims. (Cl. 247—2)



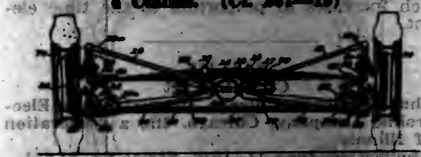
1. A switch apparatus comprising a switch box, a door for the switch box and a lock therefor, meter connections in the switch box terminating in sockets in the upper part of the box, a meter mounted on the top of the box, prongs carried by the meter fitting into the sockets, there being corresponding openings in the upper end of the box to permit the prongs to enter the sockets, a bar extending across inside the switch box, and resilient latch members carried by the meter and engaging the bar when the meter is mounted on the box.

2,105,170
NURSING BOTTLE AND NIPPLE THEREFOR
Robert C. Tarrant, Port Washington, N. Y.
Application April 13, 1937, Serial No. 136,465
5 Claims. (Cl. 215—11)

1. In combination, a nursing bottle having an open end, and a nipple having an enlarged end adapted to be positioned upon the open end of the bottle, said enlarged end having an annular row of internal cavities having open ends which are adjacent to the bottle when the nipple is in position thereon.



2,105,171
VEHICLE WHEEL AND SPRING SUSPENSION
John Tjaarda, Birmingham, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application January 17, 1936, Serial No. 59,568
4 Claims. (Cl. 267—19)



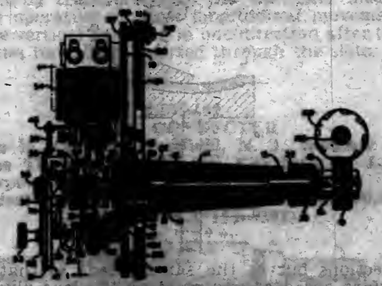
1. In a vehicle, a pair of steering wheels, a vertical king pin for each wheel, a sleeve fixed to each wheel and slidable on a king pin, a transverse leaf spring terminating at each end in an eye, a yoke pivotally connected to each sleeve and pivoted intermediate its ends to the spring through the medium of the spring eye, the yoke having a bearing on said spring at a point spaced inwardly from the eye, said yoke having forked ends straddling the sleeve, and hanger links connecting same to said sleeve.

2,105,172
UMBRELLA COVER
Fred Vecklor, Astoria, Long Island, N. Y.
Application November 19, 1936, Serial No. 49,233
7 Claims. (Cl. 135—33)



5. An umbrella cover of waterproofing material having a gore in one part thereof and a slide fastener attached to the edges of said gore for contracting and fastening said gore.

2,105,173
START-STOP REGENERATIVE REPEATER
Walter J. Zenner, Des Plaines, and Stephen Jankowski, Chicago, Ill., assignors to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Application May 23, 1936, Serial No. 81,410
Renewed August 25, 1937
9 Claims. (Cl. 178—70)



1. In a start-stop telegraph repeater, a structural frame, a rotary shaft journaled in said frame, a plurality of coaxial rotary cams occupying relatively fixed separate planes upon said shaft, cam followers for said cams severally and separately mounted on said frame, a pair of oppositely faced annular shoulders upon said shaft, and a screw threaded member adjustably engaged with said frame and engaging said two annular shoulders to control adjustably the axial position of said shaft to align a cam with its associated cam follower.

2,105,174
METHOD OF MANUFACTURING MULTIPART GLASS ARTICLES
Willard P. Zimmerman and Minot K. Holmes, Muncie, Ind., assignors to Owens-Illinois Glass Company, a corporation of Ohio
Application May 20, 1936, Serial No. 80,326
1 Claim. (Cl. 49—82)

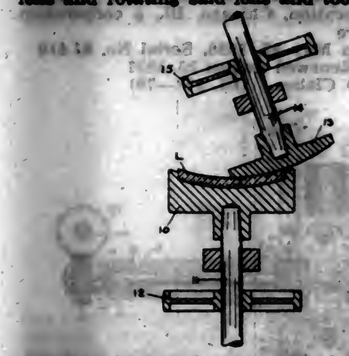


The method of effecting a glass-to-glass bond between molded glass parts which consists in dipping only those surfaces to be united and surfaces in close proximity thereto into a bath of molten material which will not adhere to the glass yet will render said surfaces semi-plastic and capable of adhesion to each other and bringing these surfaces together under pressure while still semi-plastic.

2,105,175
METHOD AND MEANS FOR ABRADING LENSES
Carl E. Andersen, Hackensack, N. J., assignor to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application March 7, 1936, Serial No. 423,934
Renewed May 14, 1937
11 Claims. (Cl. 51—131)

7. A method of abrading lenses which comprises placing a circular abrading tool having a continuous surface in contact with a circular lens having a surface whose area and diameter are

substantially the same as the area and diameter of the surface of the tool, holding said tool with its center substantially at the periphery of said lens and rotating said lens and tool in opposite



directions but at the same speeds so that the surface speed of any point on the lens plus the surface speed of the point on the tool which contacts with said point on the lens will be a substantially constant sum.

2,105,176

BRAKE CONSTRUCTION

Charles S. Ash, Milford, Mich., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware

Application March 18, 1935, Serial No. 11,718

14 Claims. (Cl. 188—264)



1. A brake construction for the road engaging wheels of a motor vehicle, comprising a drum having a brake flange, brake friction means housed within the drum and engageable with the inner surface of the brake flange, means for collecting air from high pressure areas in advance of the vehicle created by forward motion thereof, and means for directing a portion of the air against the outer surface of the brake flange and for circulating another portion of the air throughout the interior of the drum.

2,105,177

DEVICE FOR CONTROLLING CATHODE BEAMS

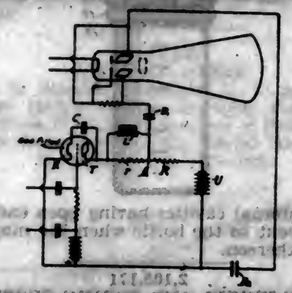
René Barthélemy, Fontenay aux Roses, Seine, France, assignor to Compagnie pour la Fabrication des Compteurs et Matériel d'Usines a Gaz, Montrouge, France

Application March 14, 1936, Serial No. 11,172

In France March 28, 1935

5 Claims. (Cl. 250—36)

1. Device for producing a tension which increases in proportion to the time element, which comprises a condenser, a charging circuit therefor, a self-inductance connected in series with said charging circuit and having one terminal in common with said condenser, a resistance connected in parallel with the self-inductance, and two connections for picking up the desired tension connected respectively to the terminals of the condenser and of the self-inductance not



common to these two members, the said self-inductance and the said resistance being of such value that the sum total of the tensions between the terminals of the condenser and the said self-inductance give rise to a resultant tension which increases in proportion to the time element.

2,105,178

CONNECTER

Arthur A. Berndt, Chicago, Ill., assignor to Electroline Company, Chicago, Ill., a corporation of Illinois

Application June 11, 1936, Serial No. 84,651

2 Claims. (Cl. 173—331)



1. A connecter for connecting wires and the like to an anchorage comprising a wire engaging member, said member including a tubular casing having one end thereof closed by an apertured disc and having its other end reduced in diameter to form a tapering end portion, gripping members within said tapering end portion for gripping and holding a wire, resilient means for maintaining the gripping members in engagement with their tapering walls, cup-shaped members providing seats for the respective ends of said resilient means, one cup-shaped member being located between the gripping members and the resilient means and having an apertured base, and the other cup-shaped member being located between the disc and the resilient means and also having an apertured base, the openings in said cup-shaped members being in alignment with each other and with the opening in said disc.

2,105,179

BOX OR RECEPTACLE

Wilson F. Best and William Kremer, Grand Rapids, Mich., assignors to Grand Rapids Sample Case Company, Grand Rapids, Mich.

Application January 14, 1935, Serial No. 1,728

13 Claims. (Cl. 220—97)

10. A receptacle comprising a bottom and side and end walls, angled corner brackets having oppositely looped portions providing end bearings, the corner brackets overlapping and being

secured to said walls, said brackets being looped over said end walls, and bails having end arms



terminating in inturned pintles disposed in said end bearings in said corner brackets.

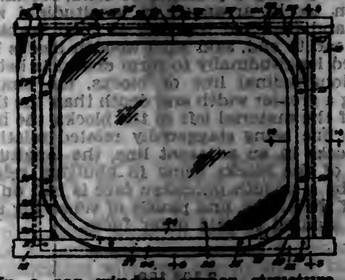
2,105,180

CAR WINDOW STRUCTURE

Siegfried E. Blessin, Summit, N. J., assignor to The National Lock Washer Company, Newark, N. J., a corporation of New Jersey

Application July 8, 1936, Serial No. 89,843

3 Claims. (Cl. 160—44)



8. In a car window corner structure, right angular frame portions meeting at their ends and forming a right angular corner opening, a filler member secured in said corner having right angular sides adapted to engage said corner and having a curved side extending between the adjacent sides of said square corner opening and adapted to give to said corner opening a rounded configuration, and a window sash engaged and secured in said corner opening comprising a frame having a corner corresponding in configuration to said corner opening, and a sash glass carried by said frame.

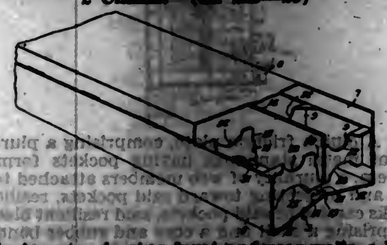
2,105,181

EGG CARTON

Andrew E. Buescher, Chicago, Ill., assignor, by mesne assignments, to Consolidated Carton, Inc., Chicago, Ill., a corporation of Illinois

Application December 27, 1932, Serial No. 648,973

2 Claims. (Cl. 229—39)



1. A carton having front and rear walls, a bottom member joining said walls, said bottom member having longitudinal slots along its middle portion, a vertical central longitudinal partition positioned above said slots, said partition being provided with downwardly extending hook-like tongues insertable through said slots to hook under the bottom, the bottom wall having a portion located adjacent at least one of said slots on that end opposite the hook, said portion constituting means in the form of two opposing tabs extending transversely to the slot, said means being operative to resist longitudinal movement of the vertical partition in one direction after the tongues have been inserted through the slots.

2,105,182

WIRE CONNECTER

Louis H. Church, Westfield, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a corporation of New Jersey

Application October 26, 1934, Serial No. 750,087

4 Claims. (Cl. 173—303)



1. A wire connecter comprising means having an internal conical surface, a contractile sleeve adapted to fit over the wire and having an exterior conical surface engaging the internal conical surface, the contractile sleeve having its smaller end spaced from the end of the wire and its larger end adjacent to the end of the wire, the contractile sleeve having a flexible end extending substantially outwardly and engaging the wire beyond the end of the internal conical surface to provide a yieldable support for the wire where it enters the connecter, an operating nut carried by the aforesaid means for initially contracting said contractile sleeve to grip the wire by enforcing relative movement between the contractile sleeve and the internal conical surface, and the operating nut extending outwardly beyond the contractile sleeve and adapted to engage the wire.

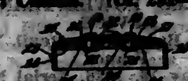
2,105,183

VALVE

Harvey S. Cover, South Bend, Ind.

Application November 19, 1934, Serial No. 753,573

3 Claims. (Cl. 251—119)



2. In a valve, a plate provided with an aperture and a supporting pin; and a movable flexible valve element adapted to open and close upon said aperture and provided with an opening to receive said pin, said opening being smaller in circumference than the pin whereby the adjacent portion of the valve element is flexed.

2,105,184

ATTACHMENT FOR SEWING MACHINES

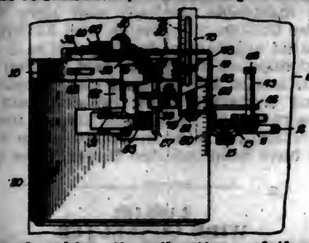
Sarah M. Crewdson, Chicago, Ill., assignor of one-third to Robert H. Goodhart, Chicago, Ill.

Application February 22, 1935, Serial No. 8,626

13 Claims. (Cl. 112—124)

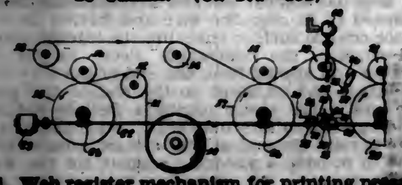
1. An attachment for sewing machines comprising a rotary cutting element, means operatively connecting said element with a movable member of the sewing machine, whereby said element is rotated by the action of the machine, a scale adapted to be secured to a member of the

machine and extending laterally with respect to the needle, means for adjustably securing the attachment to said scale, and means provided on the



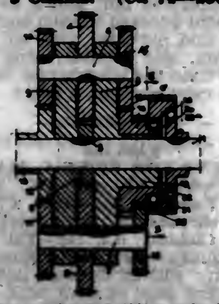
scale for absorbing the vibrations of the sewing machine whereby they are not transmitted to the attachment.

2,105,185
WEB REGISTERING MECHANISM
James Degnan, Corona, N. Y., assignor to Speedry Grovure Corporation, New York, N. Y., a corporation of New York
Application March 4, 1937, Serial No. 128,888
15 Claims. (Cl. 101—181)



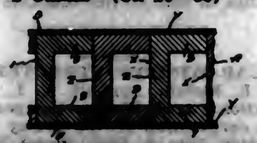
1. Web register mechanism for printing presses having a plurality of printing cylinders comprising means responsive to preconditioned portions of the web, a plurality of electro responsive means, electric circuits for each of the last named means, rotatable means in timed relation with the printing cylinders for making a connection to the circuits alternately and at regular intervals, and means actuated by the means responsive to the preconditioned portions of the web for controlling the circuits.

2,105,186
VARIABLE SPEED POWER-TRANSMITTING DEVICE
Christian de la Haye de Nantouil, Versailles, France
Application May 16, 1936, Serial No. 80,116
In France May 21, 1935
5 Claims. (Cl. 74—230)



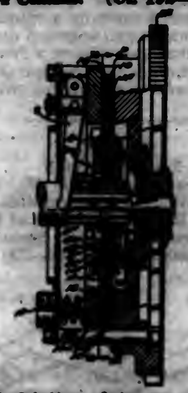
1. In a power-transmitting device, a driving shaft, a driven shaft, a rotating member freely mounted on the driving shaft and mounted to turn about the same axis as the driving shaft, an eccentric journal engaging with the said rotating member mounted to turn about an axis eccentric to its center and the same as that of the driving shaft, means driven by the driving shaft for causing said journal to move about the driving shaft, means for kinematically connecting said journal to the driven shaft, and means for exerting a variable braking action on the rotating member.

2,105,187
VENEERED DOOR
George L. Gilkey, Merrill, Wis.
Application December 16, 1936, Serial No. 116,156
1 Claim. (Cl. 20—35)



As a new article of manufacture, a composite door comprising a plurality of solid, rectangular wooden blocks arranged in longitudinal alinement and matched together at their transverse edges end to end, said solid wooden blocks being grooved longitudinally to form channels between each longitudinal line of blocks, the channels having a greater width and depth than the thickness of the material left in the blocks, the blocks in one line being staggeredly related relative to the blocks in an adjacent line, the longitudinal edges of the blocks being in abutting relation, whereby a smooth unbroken face is had on each side of the blocks, and panels of veneering adhesively secured to said outer faces.

2,105,188
CLUTCH
Frederick M. Guy, Detroit, Mich., assignor to Guy and Morton, Incorporated, Detroit, Mich., a corporation of Michigan
Application June 26, 1936, Serial No. 87,436
4 Claims. (Cl. 192—68)



4. A clutch friction plate, comprising a plurality of metal stampings having pockets formed therein, a plurality of web members attached to a hub and projecting toward said pockets, resilient blocks carried in said pockets, said resilient blocks comprising a shell and a core and rubber bonded therebetween, said shell and said core having edges extending beyond the surface of said rubber, whereby said resilient blocks may be rigidly held in place without impairing the resilient flow of said rubber, and means for attaching said web members to said cores.

2,105,189
FOUNTAIN PEN
Benjamin W. Hasle, Elizabeth, N. J., assignor to Eagle Pencil Company, a corporation of Delaware
Application August 12, 1935, Serial No. 35,907
4 Claims. (Cl. 120—32)



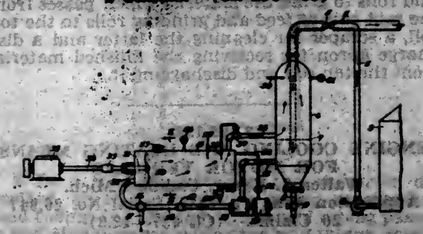
1. A fountain pen of the vacuum filler type, comprising a barrel having suction applying means at the outer end thereof and having a grip section at the forward end thereof, a feed section frictionally fitted in said grip section and having a restricted ink passage therealong in communication with the barrel, an air tube secured in said feed section and protruding into said barrel and having communication at its outer end with the ink passage of the feed section, said grip section having an extension protruding into the barrel, of diameter slightly less than the bore of the barrel, and slightly greater than the outer diameter of the lower end of the air tube encircled thereby and thereby resisting the escape of the ink from the barrel to the feed section.

2,105,220
WOVEN FABRIC
Howard B. Jackson, Kings Mountain, N. C., assignor to Neisler Mills, Inc., Kings Mountain, N. C.
Application July 20, 1935, Serial No. 32,633
1 Claim. (Cl. 139—418)



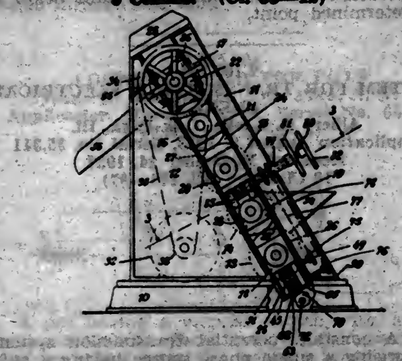
A woven ribbed fabric comprising a ground of fine warp threads disposed in close side by side relation, ribs formed by pairs of relatively coarse weft threads which are held on one surface of said ground by a few widely spaced warp threads and projecting substantially maximally from said surface, the threads of each pair being disposed in contiguous relation, said pairs of weft threads being disposed in spaced relation on said ground whereby the latter is exposed to view between successive pairs of said weft threads, a fine weft thread lying close to a coarse weft thread of each pair, each of said coarse weft threads comprising a pair of twisted strands of differently colored pre-dyed yarn twisted together with a similar pair of twisted strands whereby the ribs have a variegated appearance, said exposed portions of the ground between successive ribs being composed substantially exclusively of said closely arranged fine warp threads.

2,105,191
METHOD FOR CRACKING PETROLEUM OILS
Thomas Kenney, Robinson, Ill., assignor of one-fourth to Sylvia S. Lee, Kenilworth, Ill., and one-fourth to Ira J. Wilson, Wheatsika, Ill.
Application October 21, 1933, Serial No. 45,942
2 Claims. (Cl. 196—63)



1. A hydrocarbon oil conversion process which comprises introducing the oil at below cracking temperature into an unheated reaction zone, subjecting the oil in said zone to thorough and homogeneous mechanical agitation to raise the temperature of the oil, maintaining the oil under superatmospheric pressure during such agitation and continuing the agitation until the oil has attained a cracking temperature and substantial cracking thereof has been effected, the oil in said zone being raised to cracking temperature and cracked solely by the heat generated by said mechanical agitation, and removing resultant cracked products from said zone.

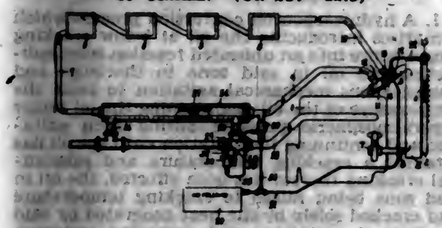
2,105,192
ROLLER MILL
James W. Kent, Brooklyn, and Elmer P. Peters, Richmond Hill, N. Y., assignors to Kent Machine Works, Inc., a corporation of New York
Application November 28, 1936, Serial No. 112,633
5 Claims. (Cl. 83—12)



2. In a roller mill for grinding paints and like substances in combination a plurality of grind-

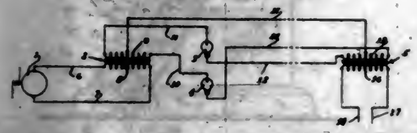
ing rolls supported in a single row on an incline, said row of rolls including a fixed roll at the top, individually shiftable gravity actuated rolls below the top roll, a pair of feed and grinding rolls below the shiftable rolls, a movable gravity actuated framework in which said feed and grinding rolls are supported by gravity, means movable with said framework for adjusting the space between the feed and grinding rolls, means for raising the said movable framework to bring the feed and grinding rolls into operative relation with the lowermost shiftable rolls and all of the latter into operative relation with the top roll, said raising means being capable of reverse movement whereby to separate the shiftable rolls from the top roll and from each other and to separate the feed and grinding rolls from the shiftable rolls without disturbing the adjustment between said two rolls, fixed means for receiving and supporting the shiftable rolls after they have been separated as aforesaid, means for operating all of said rolls to grind the material which passes from the said pair of feed and grinding rolls to the top roll, a scraper for cleaning the latter and a discharge apron for receiving the finished material from the top roll and discharging it.

2,105,193
ENGINE COOLING AND HEATING MEANS FOR MOTOR VEHICLES
Walter A. Kyser, Cadillac, Mich.
Application June 17, 1935, Serial No. 26,947
20 Claims. (Cl. 237—12.3)



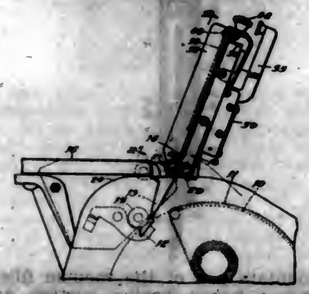
19. The combination with a water cooled internal combustion engine, of a cooling water controlling system including a radiator, a shutter unit therefor, and a heating system, and a control means for said shutter unit including a thermostatic device subject to the temperature of the return water of said heating system, said control means closing the shutter unit when the temperature of said return water falls below a predetermined point.

2,105,194
SYSTEM FOR TRANSMITTING ELECTRICAL ENERGY
Albert R. Locke, Oak Park, Ill.
Application August 8, 1935, Serial No. 35,311
Renewed November 24, 1937
16 Claims. (Cl. 171—97)



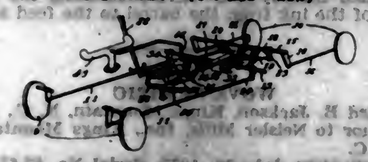
3. A constant potential transmission system comprising a single phase source having a pair of end terminals providing voltages of opposite polarity and a mid-point terminal or neutral, a three-wire transmission system connected to said terminals to provide a pair of outer legs and a neutral, a half-wave rectifier interposed in each of said outer legs and adjacent their connection to said source, and a static transformer having its primary connected to the three wires of the transmission system and adapted to supply single phase current from its secondary.

2,105,195
DUPLICATING APPARATUS
Alfred Marchev, La Grange, Ill., and Verlin M. Leach, Rushville, Ind., assignors to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application May 8, 1937, Serial No. 141,366
12 Claims. (Cl. 271—61)



1. In a duplicating machine, a sheet positioning tray, a sheet guide on said tray, said guide being movable from a functionally inoperative position below the sheet receiving surface of said tray to a functionally operative position where it projects above said surface.

2,105,196
BRAKE OPERATING MECHANISM
Ernest G. McCauley, Pittsburgh, Pa.
Application May 20, 1931, Serial No. 538,669
8 Claims. (Cl. 188—153)



1. In combination, a suction source, a brake, a working chamber having a movable working element therein suitably connected with the brake, a rotatable two-part valve controlling communication between the suction source and the working chamber and between the working chamber and the atmosphere, so constructed and arranged to connect the chamber on one side of the working element with the suction source and simultaneously the chamber on the other side of the working element with the atmosphere, or vice versa, and a manually operable device for applying or releasing the brake and connected with the one part of the valve, to rotate said valve a predetermined distance for a predetermined movement of the device, the other part of said valve being arranged to be rotated in the operation of the working element, and automatically proportion the movement of the brake by the working element to the movement of the manually operated device in either direction.

2,105,197
MEDICAMENT
Adelia McGraw, Detroit, Mich., assignor to Parke, Davis & Company, Detroit, Mich., a corporation of Michigan
No Drawing. Application July 12, 1933, Serial No. 680,020
3 Claims. (Cl. 260—99)

1. A therapeutic agent for treatment of fungous infection of the type of dermatomycosis, epidermomycosis and epidermophytosis comprising an ointment base, salicylic acid, mercury salicylate and chlorbutanol.

2,105,198
HEAT CONTROL MECHANISM
William L. McNamara, Connellsville, Pa., assignor to Capstan Glass Company, Connellsville, Pa., a corporation of Delaware
Application February 7, 1936, Serial No. 62,770
11 Claims. (Cl. 277—4)



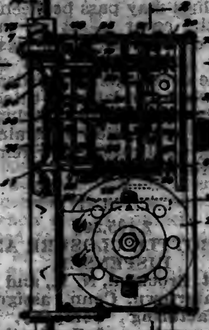
1. In a regulating device, the combination of a fuel conduit, a rotatable disc having a series of graduated apertures thereon adapted to be brought into registry one at a time with said conduit to vary the amount of fuel delivered through said conduit, an air conduit, a second rotatable disc having a series of graduated apertures therein adapted to be brought into registry one at a time with said air conduit, to vary the amount of air delivered through said air conduit, and means for rotating said discs simultaneously to control the amount of fuel and air supplied.

2,105,199
DISPLAY CONTAINER
Albert H. Nonnemacher, Camden, N. J., assignor to Delaware [illegible]
Application July 24, 1936, Serial No. 92,250
3 Claims. (Cl. 206—56)



1. A container adapted for the display of goods contained therein and the dispensing of the same therefrom comprising a generally prismatic structure formed with [illegible] sheet of transparent flexible material forming the vertical walls, right metallic edge members secured to the upper and lower edges of said structure, a removable floor member positioned upon said lower edge member and horizontal anchoring tabs fixedly secured in said lower edge member for supporting said floor.

2,105,200
SURGICAL PUMP
Hugh G. Phelps, Milwaukee, Wis.
Application April 25, 1934, Serial No. 723,237
3 Claims. (Cl. 128—230)



2. In a medical device of the character described, an elastic tubing, a casing surrounding said tubing and through which said tubing passes, a first stop member contacting said tubing, means on said stop member constantly urging the stop member into engagement with said tubing, to completely close said tubing to the flow of fluid therepast, means periodically rendering said last named means inoperative to permit the flow of fluid past said stop members, a second stop member mounted in said casing, means on said second stop member constantly urging said second stop member into engagement with said tubing to completely close the tubing to the flow of fluid therepast, means periodically rendering said last named means ineffective, a third stop member, means on said third stop member constantly urging said third stop member into engagement with said tubing to compress fluid trapped between said first and second stop members, when said first and second stop members are both in their "stop" position, means rendering said last named means ineffective and permitting the flow of fluid past said third stop member, and means to successively actuate said three stop members to pump liquid through said tube.

2,105,201
LOCKING COVER FOR POTS
Isaac D. Richheimer, New York, N. Y.
Application March 2, 1926, Serial No. 66,636
1 Claim. (Cl. 53—3)



A pot having a circular mouth with a rim and arcuate ribs spaced inwardly from said rim and projecting integrally from the inner walls of the pot with flat top and bottom sides in planes approximately parallel with the plane of said

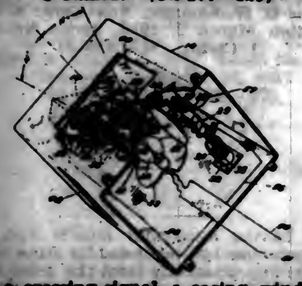
rim and with their ends spaced apart at diametrically opposite sides of the pot, and a cover having a perimetral flange resting on the top side of said ribs, an integral depending cylindrical skirt on said cover extending inwardly of the pot from said flange beyond said ribs, and diametrically opposite lugs projecting integrally from the outer side of said skirt and inclined in the same composite circumferential and longitudinal direction relative to said skirt and merging at one end into said flange on the cover, whereby said lugs may pass between the ends of said ribs as the cover is set on said ribs and upon rotation of said cover said lugs will engage with a wedge action the bottom sides of said ribs to lock the cover against accidentally falling from the pot when the latter is tilted, said skirt, flange and lugs mutually reenforcing each other at the points of application of strains and blows thereon during application and removal of the cover to and from the pot.

2,105,202
COMBINED BOTTLE CLOSURE AND LIQUID DISPENSER
Le Roy F. Rost, Brooklyn, N. Y., and Francis O'L. Killeen, Watertown, Conn., assignors to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application August 19, 1937, Serial No. 159,894
8 Claims. (Cl. 221—147)



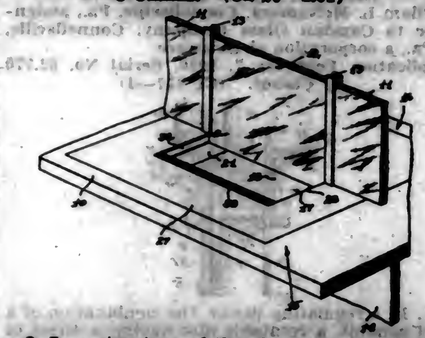
1. A combined bottle closure and liquid dropper comprising a closure cap adapted for attachment to a container and having an annular outwardly disposed top portion, an inner shell having an outwardly disposed annular flanged portion seated on the outwardly disposed top portion of the cap, a flexible diaphragm having an outwardly disposed annular flange secured between the flanged portions of the cap and the flanges of the inner shell member forming a chamber, the said shell member having a central depending spout communicating with said chamber.

2,105,203
HIGHWAY SIGNAL
Thornton J. Simpson, Chula Vista, Calif.
Application September 5, 1936, Serial No. 99,597
4 Claims. (Cl. 177—329)



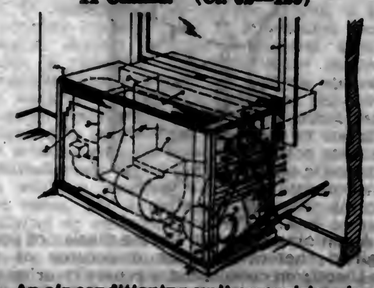
3. In a crossing signal, a casing, windows disposed in adjacent walls of said casing, a pivotal support mounted in said casing, a frame rockably mounted on said support, said frame comprising a sleeve concentric to said pivotal support, a pair of angularly shaped brackets depending from said sleeve, each of said brackets having a light reflecting surface, a lamp mounted upon one of said reflecting surfaces, and means to rock said frame and thereby cause a swinging movement of the light beam reflected thereby thru said windows.

2,105,204
BARRIER WICKET
Joel Sederholm, Minneapolis, Minn.
Application February 8, 1937, Serial No. 124,705
8 Claims. (Cl. 20—1.01)



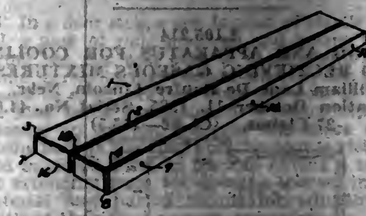
8. In a structure of the character described, a barrier including an upright pane, a tray disposed beneath said pane contiguous thereto, a portion of said tray at one side thereof opening at one side of the pane and the opposite portion of said tray opening at the other side of said pane, companion closure panels, one for each of said portions of said tray, said panels being movable into and out of their respective tray closing positions, each panel in its closed position occupying a plane also occupied by a lower marginal portion of said pane.

2,105,205
AIR CONDITIONING APPARATUS
Hans K. Steinfeld, Henry L. Galson, and Arthur S. Locke, Philadelphia, Pa., assignors to Baldwin-Southwark Corporation, a corporation of Delaware
Application February 25, 1933, Serial No. 658,610
11 Claims. (Cl. 62—129)



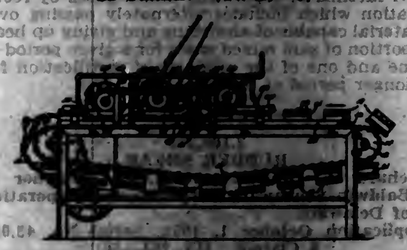
8. An air conditioning unit comprising, in combination, a refrigerating system having a pair of complementary heat exchange elements, means for circulating room air over one of said elements and outside air over the other of said elements, and means forming a separable passage for diverting a portion of said outside air to the flow of room air.

2,105,206
METAL SHELVING AND METHOD OF MAKING THE SAME
Robert T. Stophlet, Toledo, Ohio, assignor to The Toledo Porcelain Enamel Products Company, Toledo, Ohio, a corporation of Ohio
Application March 26, 1935, Serial No. 13,094
5 Claims. (Cl. 113—116)



2. The method of making a shelf which includes the steps of cutting a flat blank of sheet metal having openings therethrough adjacent its ends, forming a stiffening bead in said blank, said bead extending across and being completely interrupted by said openings, and bending the ends of said blank to form flanges extending in planes substantially perpendicular to the plane of said blank and intersecting the plane of said blank along lines lying across said openings.

2,105,207
FISH CLEANING AND FILLETING MACHINE
Carl G. Ulin, Seattle, Wash.
Application April 1, 1935, Serial No. 14,695
11 Claims. (Cl. 17—3)

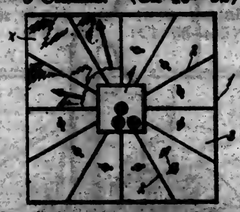


11. The method of cleaning a fish which consists in the steps of cutting a strip from the belly of the fish to which is attached the entrails, dislodging the strip and the attached entrails collectively, and washing the entrail cavity from which the entrails have been removed.

2,105,208
MANUFACTURE OF VINYL RESINS
Maurice Bellue, Paris, France, assignor to Societe Usines Francaises, Paris, France, a joint-stock company of France
No Drawing. Application April 23, 1935, Serial No. 17,094. In France May 2, 1934
11 Claims. (Cl. 260—45.5)

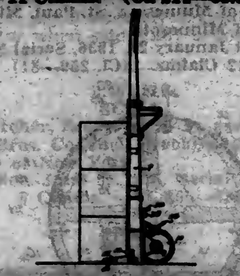
1. A resin prepared from a polyvinyl alcohol and an aliphatic aldehyde having incorporated therein an antioxidant of the polyhydroxybenzol type effective to suppress yellowing at a temperature of 100° C.

2,105,209
ADVERTISING SIGN
Ray A. Bennett and Marion A. Smead, Long Beach, Calif.
Application February 19, 1934, Serial No. 711,964
5 Claims. (Cl. 40—53)



1. An advertising sign comprising a housing, a plurality of compartments in the housing, a transparent cover on each compartment, said cover having advertisements thereon, a bulb in each of the compartments, a plurality of rows of contacts, each row of contacts being electrically connected to said bulbs, a contact finger for each row of contacts, and means to rotate said contact fingers at different rates of speed relative to each other, each contact finger continuously closing a circuit to a bulb while engaging a contact.

2,105,210
WAREHOUSE TRUCK
William A. Bley, Yakima, Wash.
Application January 31, 1936, Serial No. 61,656
11 Claims. (Cl. 214—65.5)

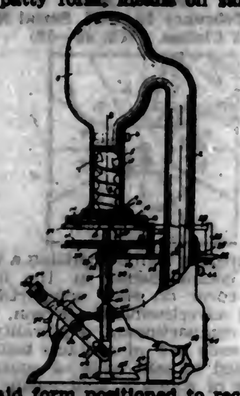


1. In a warehouse truck, in combination with a wheeled vehicle of the character described, and a pair of opposing clamping arms supported thereby for span-regulating movements transversely of the vehicle, rotary means, coupling means connecting said rotary means with the clamping arms for expanding the clamping arms in response to movement of the rotary means in one direction of rotation and for retracting the clamping arms in response to movement in the opposite direction of rotation, means for actuating said rotary means in selective directive rotations, means by which the arms are automatically locked in selected span-regulating positions, said automatically operated locking means permitting free contraction movement and preventing expansion movement of the arms only, and means acting to release said locking means simultaneously with the operation of said means by which the arms are expanded.

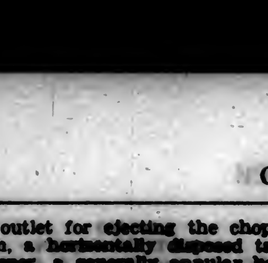
2,105,211
HAMBURGER PATTY FORMING APPARATUS
Marshall C. Bassenette, Medford, Oreg.
Application April 6, 1933, Serial No. 70,911
16 Claims. (Cl. 17—32)

4. In apparatus for forming hamburger steak patties, a meat chopper having a downwardly

directed outlet for ejecting the chopped meat therefrom, a horizontally disposed table below said chopper, a generally annular horizontally disposed patty form, means on said table supporting said form positioned to receive chopped meat from said outlet, means for moving said form vertically toward and away from said outlet, and means for moving said form horizontally from below said outlet.



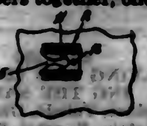
2,105,212
CHURN
Frank G. Clark, Minneapolis, Minn., assignor to Crane Co. of Minnesota, St. Paul, Minn., a corporation of Minnesota
Application January 23, 1936, Serial No. 60,475
12 Claims. (Cl. 259—81)



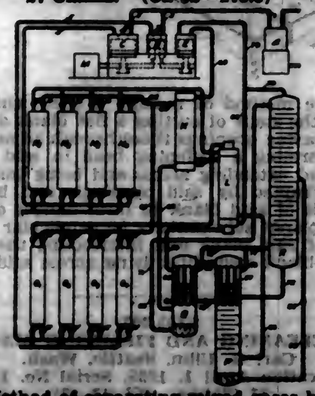
1. A butter churn comprising a cylinder, end walls for said cylinder, a supporting spider frame adjacent said end walls, radially extending legs on said frame, an arcuated shoe on said legs adapted to form a support for the ends of said cylinder, a clamping band circumferentially extending about the ends of said cylinder, and bolt means adjustably connecting said shoe and band to support the ends of said cylinder.

2,105,213
SLIDE FASTENER
Mabel V. Clark, Los Angeles, Calif.
Application October 1, 1934, Serial No. 746,287
7 Claims. (Cl. 24—233)

6. A slide fastener comprising a pair of complementary members, one of said members having a head formed thereon, the other member having a slot formed therein, a constricted neck in the slot, said head being adapted and arranged to slide past the neck whereby the members are releasably held together, one of said members having a depression therein and the other member having an upstanding lug thereon, said lug entering the depression to assist in holding said members together, one of said members having a longitudinal groove adjacent each side thereof, said groove being adapted and arranged to receive the fastening thread.

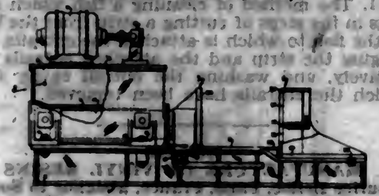


2,105,214
METHOD AND APPARATUS FOR COOLING AND RECTIFYING GASEOUS MIXTURES
William Lane De Baufre, Lincoln, Nebr.
Application October 11, 1935, Serial No. 44,616
27 Claims. (Cl. 62—175.5)



7. Method of separating mixed gases by rectification which includes alternately passing over material capable of absorbing and giving up heat, a portion of said mixed gases for a given period of time and one of the products of rectification for a longer period of time.

2,105,215
RUBBER SHEAR
Richard W. Bland, Narberth, Pa., assignor to Baldwin-Southwark Corporation, a corporation of Delaware
Application October 1, 1935, Serial No. 43,959
8 Claims. (Cl. 164—56)



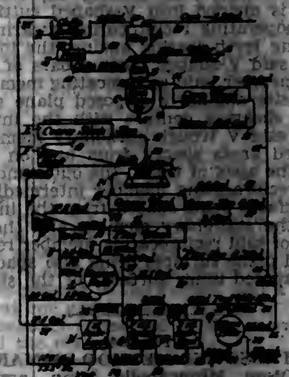
1. A rubber shear comprising, in combination, a base, a knife structure supported thereon and having open ends whereby rubber enters one end and is discharged through the other end, a hydraulic ram and cylinder supported by said base, a platen actuated by said ram and movable over a bale table portion of said base located between said knife structure and cylinder, and means located beneath said table for directly and primarily supporting said platen.

2,105,216
DOOR STOP
Anton Evalich, San Francisco, Calif.
Application July 1, 1936, Serial No. 88,408
2 Claims. (Cl. 16—86)



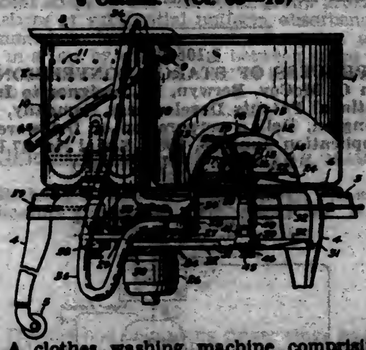
1. In a door stop, a cup formed of elastic material, a plug of rigid material and means for securing the cup and plug to a door and a door frame in registering relation whereby the plug is caused to enter the cup when the door is closed, the plug being dimensioned to exert expansive pressure on the cup whereby the shock of the closing door is absorbed and the door is yieldingly held in closed position, the cup having a tapered slit extending from the opening thereof into the material and having means for adjusting the width of the slit.

2,105,217
MANUFACTURE OF STARCH
Alfred H. Kalling, Oak Park, Ill., assignor to International Patents Development Company, Wilmington, Del., a corporation of Delaware
Original application June 13, 1935, Serial No. 26,612. Divided and this application June 4, 1936, Serial No. 83,836
15 Claims. (Cl. 127—68)



2. The process of manufacturing starch from corn in which substantially all process waters, except the steep water and water absorbed in the discharged solids, are re-used in the process comprising: steeping and comminuting the corn; subjecting the comminuted corn to separating operations in water; concentrating the mill starch by extracting water therefrom and returning said water to the separating operations; subjecting the concentrated mill starch to a series of centrifuging operations, against a wash liquid introduced into the last centrifugal, in which a part of the overflow from each centrifugal, except the first, goes to the next centrifugal in advance and the rest of the overflow is returned to the centrifugal from which it came; and reusing the water of the overflow from the first centrifuging operation for steeping corn.

2,105,218
LAUNDRY MACHINE
James R. Kirby, West Richfield, Ohio, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio, a corporation of Ohio, as trustee
Application October 29, 1932, Serial No. 640,252
6 Claims. (Cl. 68—15)



3. A clothes washing machine comprising a fabric and liquid containing receptacle and a supporting frame, a vertical shaft mounted centrally of said receptacle and having an oblique crank portion at the free end, a clothes agitator immersed in the contents of said receptacle and mounted on said crank portion, said agitator comprising a base with upstanding vanes, a source of power operatively associated with said shaft, and means acting simultaneously to gyrate and rotate said agitator when said shaft is rotated by said source of power.

2,105,219
SCALE
Paul J. Kircher, Brooklyn, N. Y., assignor to The Locke Reg. Co. Inc., Brooklyn, N. Y., a corporation of New York
Application June 2, 1933, Serial No. 673,257
6 Claims. (Cl. 265—55)



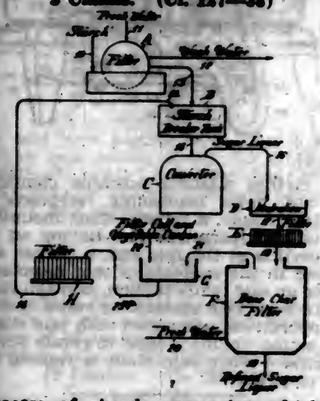
1. As an article of manufacture, a scale base including a pair of plates having portions of their adjacent faces spaced from each other, means for securing said plates one to the other, a strap interposed between said plates and disposed in line with the spaced portions thereof and in intimate contact with said plates, the upper of said plates being formed with an opening, the end of said strap being extended upwardly through said opening and terminating in a bearing portion, and means for securing said plates against movement with respect to each other and with respect to said strap.

2,105,220
FERROUS METAL
Carl F. Lauenstein and Clarence J. Brinkworth, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application June 7, 1935, Serial No. 25,412
5 Claims. (Cl. 148—21.7)

1. The process of heat treating white cast iron

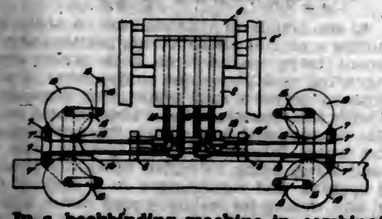
which iron includes an alloying element of the carbide forming group of elements consisting of manganese, molybdenum, chromium and vanadium and is substantially free from ferrite, which process includes the steps of heating the iron to a temperature above the critical temperature, holding it at that temperature approximately one half hour and quenching it.

2,105,221
PROCESS OF STARCH CONVERSION
Rush O. McCoy, Berwyn, Ill., assignor to International Patents Development Company, Wilmington, Del., a corporation of Delaware
Application June 25, 1936, Serial No. 87,192
2 Claims. (Cl. 127—38)



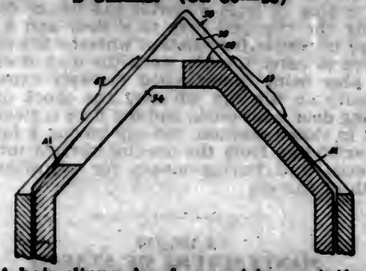
1. Process of starch conversion which comprises converting the starch; filtering the converter liquor through bone char; flushing the bone char with water; purifying the bone wash water; and re-using the purified bone wash water in the process by mixing it with starch to be subsequently converted.

2,105,222
BOOKBINDING
John Murray, Mimbridge, Chobham, England
Application July 10, 1935, Serial No. 30,589
In Great Britain July 13, 1934
2 Claims. (Cl. 11—1)



1. In a bookbinding machine in combination with scrim rolls and feed rolls for feeding the scrim to the back of the books, means for delivering a plurality of relatively narrow tapes with the scrim to the feed rolls and to the back of the books in a constant position in relation to the width of the scrim from a plurality of relatively wide tape reels affording supplies of tape, said means including a plurality of tape reels in spaced relation, said reels disposed with their axes at right angles to the axis of the scrim roll, a plurality of guide rollers for receiving the tapes from said reels, said guide rollers spaced from one another along the width of the scrim with their axes at right angles to the axes of the reels, and guide rods disposed parallel with the feed rolls receiving tapes from the guide reels and delivering the tapes to the feed rolls.

2,105,223
HAIR CLIPPER
Lyle C. Nicholl, Los Angeles, Calif., assignor to Nicholl, Inc., Los Angeles, Calif., a corporation of California
Application February 5, 1937, Serial No. 124,210
2 Claims. (Cl. 30—43)



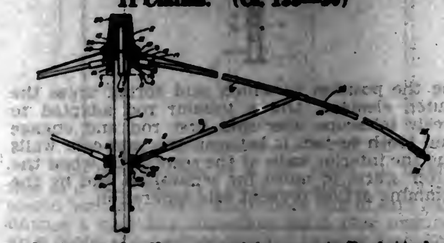
2. A hair clipper head comprising a stationary shearing member in the shape of a V trough, the exterior of which defines two skin-contacting faces angularly positioned relative to each other and intersecting substantially at the apex of the V, said member having slots extending across said apex and a substantial distance therebeyond on either side whereby the end of said member is divided into V-shaped cutting bars, and a cooperating reciprocating shearing member having teeth seating against the inner surfaces of said V-shaped cutting bars of the stationary member, said reciprocating member having opposite angularly disposed plane side surfaces in shearing contact with the inner surfaces of said V trough stationary member over juxtaposed areas spaced from and on opposite sides of the apex of the V, the outer end surface of said reciprocating member intermediate said plane surfaces being spaced from the inner surface of the stationary member and the lateral surfaces of said reciprocating member rearwardly of said plane surfaces being also spaced from the juxtaposed inner surfaces of the stationary member.

2,105,224
MATTRESS AND METHOD OF MAKING
Gilbert Olsen, Minneapolis, Minn., assignor to Sanitary Mattress Company, Minneapolis, Minn., a corporation of Minnesota
Application November 6, 1933, Serial No. 696,850
17 Claims. (Cl. 5—351)



13. A mattress having in combination, a spring unit, padding overlying said unit, a boxing surrounding said unit at the sides thereof comprising an outer layer of fabric and a layer of filling at the inner side thereof, said layer of filling having an enlarged portion at its side, an outer cover for said mattress permanently sewed to the edge of said outer layer of fabric of said boxing, stitches independent of said outer cover engaging said enlarged portion of said filling anchored in said padding, securing and pulling said enlarged portion inwardly about the corners of said spring unit to form an edge roll and an outer cover at the other side of said spring unit having its edge sewed to the edge of said outer layer of said boxing.

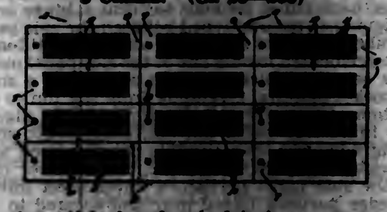
2,105,225
UMBRELLA
Adolph E. Pollack, New York, N. Y.
Application August 29, 1936, Serial No. 98,527
11 Claims. (Cl. 135—30)



3. An umbrella comprising a staff slotted at its upper end, a crown having ribs detachably secured thereto and embracing the staff, and provided with a projection extending into the slot of the staff, and a seamed cover provided at its apex with a grommet extending into the slot of the staff to position the seams of the cover in registration with the ribs.

8. An umbrella comprising a staff, a crown secured to the staff, said crown having a plurality of outwardly and upwardly bowed prongs forming between them slots, a plate resting upon the tops of the prongs and provided with an annular channel into which the upper ends of the prongs are received to brace the prongs and maintain them against bending in either an inwardly or an outwardly radial direction, a rib socket associated with each slot and provided with a tongue extending through the slot into the interior of the crown and there provided with laterally extending trunnions, a rib projecting into each socket and having a detent normally engaging with the socket to lock the rib against removal therefrom, a runner slidable on the staff, stretcher sockets pivoted to the runner, and a stretcher secured at one end to each rib, and at the other end detachably connected to the corresponding socket of the runner.

2,105,226
GROUP TEST STRIP
Francis G. Pratt, Seattle, Wash.
Application June 8, 1937, Serial No. 542,883
3 Claims. (Cl. 23—253)



1. An article for chemical test purposes comprising a sheet of absorbent paper such, for example, as Whatman's No. 40, the texture and thickness of which affords relatively like absorbency throughout slit longitudinally to adjacent the extreme upper and lower edges to provide a plurality of ribbon-like strips, said slitting operating to retain borders along the upper and lower edges of the strips to maintain the strips in group formation, the relativity which exists between the adjacent strips of the connected group providing like strips of substantial uniform absorbency to accommodate sensitising and subsequent accuracy in a test by comparison between strips used with solutions of the chemical of known and unknown strengths.

2,105,227
FINGER RING AND METHOD FOR MAKING THE SAME
Richard E. Richter, Montgomery, Minn.
Application October 3, 1936, Serial No. 104,617
4 Claims. (Cl. 63—15)



1. The method of making finger rings and the like which includes partially shaping a plurality of plastic elements, joining said elements with a transparent adhesive to form the body of the ring, flattening a portion of said body to provide an ornament receiving head, securing a base block to said flattened head, securing an ornamental element to said head with a block of transparent plastic material of substantially greater thickness than said ornament, and shaping the outer surface of said ring body and said block of transparent plastic material, the shaping of said block being done in a manner which will produce the optical effect of enlarging said ornament and giving it a third dimensional appearance.

4. A finger ring and the like comprising a centrally positioned, substantially circular ring element, laterally positioned substantially semi-circular elements secured to the sides of said ring with a transparent adhesive, said semi-circular elements being of a shape and size substantially equivalent to transversely cut halves of said ring, said built up body being provided with a flattened head portion, an ornamental device on said flattened head, and a relatively thick transparent plastic block secured to said head portion over said ornamental device, said ornamental device being of irregular shape and thickness and being embedded in said transparent plastic block, and said block being adhesively secured to said head.

2,105,228
SHUTTER TRIGGER LATCH
William A. Riddell, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application October 30, 1936, Serial No. 108,392
9 Claims. (Cl. 95—62)



3. In a shutter for photographic cameras, the combination with a shutter casing, of shutter

mechanism therein including a power spring, a movable setting member for placing the spring under tension, a trigger adapted to be manually actuated for releasing the shutter mechanism and means for latching the trigger against movement, and cooperating parts on said means and shutter setting member adapted to release the latching means when the shutter setting member is moved to one position.

2,105,229

ROUND HEEL IRON

Abe O. Samuels, Rochester, N. Y., assignor to Samson-United Corporation, Rochester, N. Y.

Application November 14, 1935, Serial No. 49,837

15 Claims. (Cl. 219—25)



12. In an electrically heated iron, a heavy sole plate having a forward toe portion and a downwardly rounded rear heel portion, an electrical heating element carried by said sole plate and having a substantially filar heel portion thereof carried by the heel portion of said sole plate, the cross-sectional contour of the outer surface of the heel portion of said sole plate being substantially circular about a point in said heel portion of said element as a center.

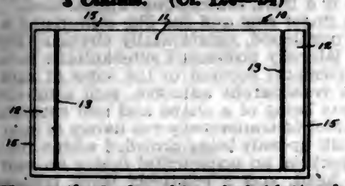
2,105,230

DESK BLOTTER HOLDER AND METHOD OF MAKING SAME

Frank Stanley Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts

Application November 27, 1936, Serial No. 112,839

3 Claims. (Cl. 129—24)



1. The method of making desk blotter holders which comprises hinging narrow pocket forming side panels to a central blotter supporting panel by applying a unitary cover sheet to the panels in flat form and thereafter swinging said side panels about their hinges into overlying relation with the end portions of the main panel and securing the upper and lower end portions of the side panels to the main panel whereby the unsecured portions of the side panels form pockets for the reception of the side portions of a blotter.

2,105,231

LOOSE LEAF BINDING POST CONSTRUCTION

Frank Stanley Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts

Application May 5, 1937, Serial No. 140,782

4 Claims. (Cl. 85—4)

1. A loose leaf binding post construction comprising a rod having a head at one end and an axial bore at the other end, a coiled spring seated in the bore, a clutch element made up of a guiding stem in said bore contacting the end of the spring and an offset tooth portion on the stem having shoulders placed to ride on cam walls provided by a cut-out portion of the rod, said stem having enough side play in the bore to permit said tooth portion to lie within the transverse circle of the rod when the tooth is at one position with respect to the cam walls and to lie outside said circle when at another position with respect to the cam walls, said second position be-



ing the position to which said spring urges the clutch element, and a tubular rod adapted to freely telescope over said first rod and engage said tooth to jam it between the said cam walls and the interior walls of the second rod when the latter starts to move for separation and by the jamming action prevent said separation.

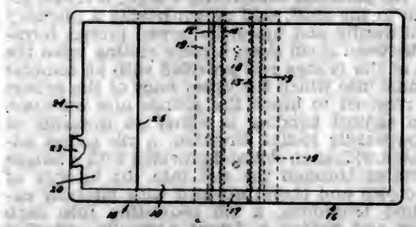
2,105,232

BOOKBINDER CASING AND METHOD OF MAKING SAME

Frank Stanley Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts

Application May 5, 1937, Serial No. 140,783

5 Claims. (Cl. 281—31)



5. In a loose leaf binder, a casing structure composing outer back and side panel members formed as an integral sheet, a thin reenforcing strip secured to the inner face of the back panel portion of said sheet, an inner back panel member secured to the reenforcing strip to enclose said strip between the back panel members, inner side panel members having their respective top, bottom, and outer side edges coinciding with the corresponding edges of the side panel portions of said sheet, the inner side edges of said inner side panels being spaced from the side edges of the inner back panel member to form a hinge zone, stiffening strips positioned between the side panel members adjacent said hinge zones, said stiffeners being cemented to only one of the side panel members between which they are positioned, a sheet of pocket material extending from the top to the bottom of the casing structure along the edge of one inner side panel portion, said pocket sheet being narrower than the side panel portion with its outer long edge cemented to the outer edge of the side panel portion, a cover sheet having its edge portions folded over and secured to the inner side panel members and pocket member to hold the side panel members in position and close

the short edges of the pocket, and a lining sheet extending across the inner face of the binder casing but not closing the open edge of the pocket.

2,105,233

PERFORATING DEVICE FOR LOOSE-LEAF SHEETS

John Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts

Application May 5, 1937, Serial No. 140,784

5 Claims. (Cl. 129—7)



1. The combination of a stiff sheet for insertion as a loose leaf in a binder, a spring clip with bowed legs fastened to such sheet, one of said legs having a hole and the other leg a plug making up a perforating device adapted to work from the opposite sides of a hole in said sheet, said legs being bowed in the same direction so that after being flattened against opposite sides of said sheet to punch paper the latter will be stripped from the punch by said stiff sheet.

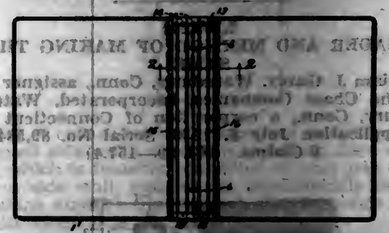
2,105,234

LOOSE-LEAF BINDER

John Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts

Application July 21, 1935, Serial No. 32,963

11 Claims. (Cl. 129—33)



3. A binder comprising covers hinged to a back panel, an angle plate of two flat sides angularly arranged to span the space between the hinge lines with a slight downward pitch from the center line toward each cover, retaining wires for pamphlets adapted to slide freely down said flat sides, and means at the opposite ends of the binder to hold said wires loosely in relation to said plate.

2,105,235

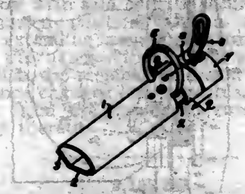
RING BINDER MECHANISM

John Schade, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a corporation of Massachusetts

Application March 3, 1936, Serial No. 66,878

4 Claims. (Cl. 129—6)

1. In a loose leaf mechanism the combination of two toggle plates, one set of ring halves fastened on and immovably mounted with respect to each toggle plate to match the ring halves in the other set, the tip ends of said ring halves having hook-shaped locking portions for engagement



and disengagement by relative lateral movement as distinguished from pivotal movements, a mounting for the toggle plates, and means to longitudinally shift the toggle plates relatively to engage and disengage said ring ends.

2,105,236

PORTABLE FOLDING BED AND CABINET

Louis W. Stebel, Chicago, Ill., assignor to Interstate Metal Products Co., Chicago, Ill., a corporation of Illinois

Application August 6, 1936, Serial No. 94,620

3 Claims. (Cl. 5—127)



1. In an article of the class described, a compartment adapted to wholly contain and support a bed vertically foldable thereinto, said bed being adapted to be unfolded and lowered therefrom to its operative horizontal position whereby the compartment is freed from the weight and tension of said bed, curved channel guideways secured to the inner sides of said compartment adjacent the base thereof, a bed frame having rollers extending into said guideways and operable therein, folding foot legs pivoted to said frame, folding head legs engaged to said frame and adapted to limited longitudinal movement thereof, spaced links secured to said compartment and said head legs and extending therebetween and adapted to maintain said head legs in substantially vertical position and to extend them outwardly of said compartment and for longitudinal movement in relation to said frame, whereby said head legs will support the head end of said bed independent of said compartment.

2,105,237

METAL CUTTING MACHINE

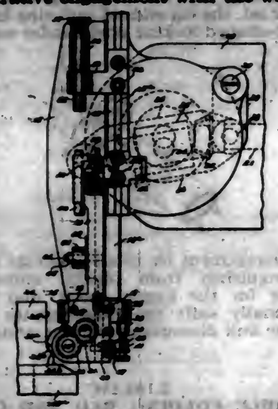
William H. Welch, Rochester, N. Y., assignor to Cochrane-Ely Company, Rochester, N. Y., a corporation of New York

Application December 20, 1935, Serial No. 54,671

24 Claims. (Cl. 90—24)

5. In a machine of the class described, a frame, a support reciprocally mounted on the frame, means for reciprocating the support, a cutting tool movable on the support, means for holding the tool in operative engagement with the work and against movement relative to the support during movement of the support in one direction,

and means for moving the tool in a curved path and in operative engagement with the work dur-



ing a portion of the period of movement of the support in the opposite direction.

2,105,228
FILM STRIP
Otto Wittel, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application December 18, 1934, Serial No. 758,085
5 Claims. (Cl. 242—74)



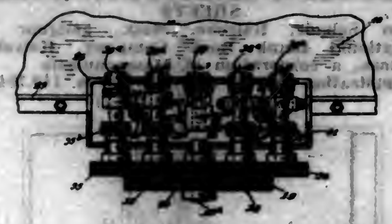
4. As an article of manufacture, a film strip including only on the inner end thereof, a plurality of flexible embossings provided and arranged so as to form a resilient inner layer for the film when wound into a coil.

2,105,229
TOOL HANDLE
Edmund Bachtold, Whitewood, Saskatchewan, Canada
Application April 1, 1935, Serial No. 14,164
1 Claim. (Cl. 30—151)



Improvements in tool handles comprising a tubular sheath to receive a cutting instrumentality, a projection on said instrumentality extending at right angles thereto and at a point above the open end of the sheath, a spring leaf extending along the outer surface of the sheath and in a plane of said projection and provided with an orifice adjacent one end thereof, said orifice being adapted to receive said projection and means for spacing a portion of said leaf from said handle to permit disengagement of said instrumentality.

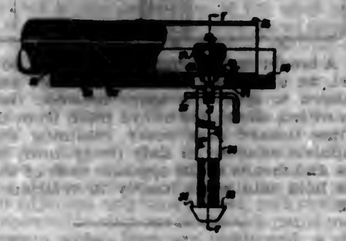
2,105,240
METHOD OF AND MACHINE FOR BENDING SHEET METAL
Harold G. Flagler, Chicago, Ill.
Application January 29, 1927, Serial No. 162,892
15 Claims. (Cl. 153—33)



1. In the formation of a sheet metal joint member, the method of procedure which comprises initially and simultaneously forming a 90 degree offset in said metal and a 45 degree offset in the portion of said metal on one side of said 90 degree offset, then increasing said second offset to a 90 degree bend and thereafter completing said joint member by folding the metal comprised in said portion into parallelism with the main body of metal, the first formed 90 degree offset being continuously maintained throughout all of the folding operations.

10. In a sheet metal forming machine, an initially contacted set of forming rolls for producing a 90 degree offset in said metal to form the inner edge of a folded joint, and a plurality of subsequently contacted forming rolls for retaining said initially formed 90 degree offset and for acting upon said metal outwardly of said offset to produce a pair of oppositely disposed 180 degree bends therein to form a folded joint having a plurality of parallel folds in parallelism with the main body of metal on one side of said offset.

2,105,241
HEADER AND METHOD OF MAKING THE SAME
William J. Geary, Waterbury, Conn., assignor to The Chase Companies, Incorporated, Waterbury, Conn., a corporation of Connecticut
Application July 8, 1936, Serial No. 90,594
6 Claims. (Cl. 29—157.4)



1. A header formed from an annealed wrought tubular member which has been finish-formed by a sinking operation without the use of an internal mandrel, by flanging out a plurality of tubular flanges spaced apart longitudinally along the side of said tubular member with said tubular flanges extending transversely of the longitudinal axis of said tubular member.

2,105,242
PAD FOR USE UNDER HORSESHOES
Bertram Barnett, Queen Alexandra Regiment, Aldershot, England
Application [illegible], 1935, Serial No. 10,114
In Great Britain [illegible], 1934
12 Claims. (Cl. 168—14)



1. A horseshoe pad including a pad member capable of application to, or removal from, the shoe without removing the latter and a retaining member for securing said pad member detachably to said shoe, end parts of said retaining member adapted for detachable engagement with the toe and a part adapted to abut against the front of the pad member in a detachable manner to enable removal or replacement of said retaining means independently of the removal or replacement of the pad member.

2,105,243
HOOK
Clarence E. Gruber and William F. Gruber, French Lick, Ind.
Application May 22, 1936, Serial No. 80,114
Renewed June 11, 1937
27 Claims. (Cl. 294—16)



27. A collapsible box comprising foldably connected side walls, a bottom including flaps each of which is foldably connected at only one edge to a side wall, and means mechanically interlocking another edge of each flap to a side wall with which it is not foldably connected.

2,105,244
WRENCH
Lars E. Hagbo, Bremerton, Wash.
Continuation of application Serial No. 651,920, January 18, 1933, now Patent 2,015,295, dated October 1, 1935. This application August 19, 1935, Serial No. 36,872
5 Claims. (Cl. 81—99)



1. In a wrench, a handle having associated therewith a fixed jaw, a saddle pivotally mounted adjacent said fixed jaw and including a guide generally parallel to the handle and ears disposed one at each side of the handle, a slide received in said guide and carrying a movable jaw, means engageable with said slide to secure the same in any adjusted position, and a spring-pressed member extending transversely through an aperture in the handle, the handle aperture being larger than the member, and said member having its ends engaged one in each saddle ear, and reacting from the handle to swing the saddle relatively thereto.

2,105,245
SHEATHING
Russell L. Hohl, Shaker Heights, Ohio
Application March 5, 1934, Serial No. 714,021
4 Claims. (Cl. 189—35)



1. Building wall sheathing structure comprising a support member generally of channel form disposed with its channel cavity opening outwardly of the general plane of the wall, a metallic sheathing panel having a rectangular face part, with an inwardly turned lip part on one edge extending into and along said channel cavity, said support member having a laterally projecting longitudinally extending flange cooperative with the channel side part of said support member to provide a shoulder recess, and an insulating board backing for said panel face part having an edge part seating in said recess and there confined by said panel face part.

2,105,246
TRAILER
George Hemfield, Warren, Pa., assignor to Warren Trailer Parts Manufacturing Company, Inc., Warren, Pa., a corporation of Pennsylvania
Application January 7, 1935, Serial No. 614
10 Claims. (Cl. 280—33.4)



5. In a wheeled vehicle, a caster wheel mounting including relatively rotatable telescoping elements, one of said elements being secured to said vehicle, yieldable means associated with and acting between said elements, a device acting on one

of said elements to dampen movements thereof, and a wheel support depending from one of said elements.

2,105,247

METHOD AND APPARATUS FOR ELECTRICAL EXPLORATION OF THE SUBSURFACE

John Jay Jakosky, Los Angeles, Calif.

Application November 26, 1935, Serial No. 51,742

23 Claims. (Cl. 175—183)



1. A method of electrical exploration of the subsurface which comprises: maintaining a pair of electrodes in continuous contact with the earth while moving at least one of said electrodes along the surface of the earth to vary the distance therebetween; passing electric current through the earth between said electrodes as the distance therebetween is varied, so as to vary the depth of penetration of said current within the earth; and measuring variations in a quantity influenced by the flow of said current and by the electrical characteristics of the earth traversed thereby, as the distance between said electrodes is so varied.

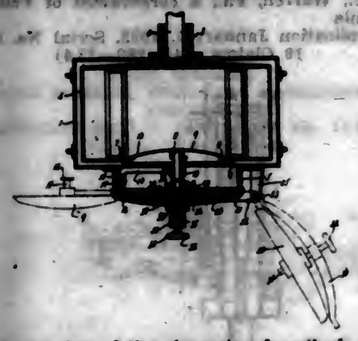
2,105,248

CLOSURE CONSTRUCTION FOR WASHING MACHINES

George W. Johnson, Cincinnati, Ohio, assignor to The American Laundry Machinery Company, Norwood, Ohio, a corporation of Ohio

Application September 11, 1935, Serial No. 40,916

8 Claims. (Cl. 68—18)



1. Apparatus of the character described, comprising a stationary casing having an opening, a drum rotatable in the casing having an end opening which registers with the opening in said casing and which is substantially concentric with the axis of rotation of said drum, a drum closure, a support hinged on the casing and in which said closure is rotatably mounted, and a closure for the casing mounted upon the casing for movement independently of said support, said drum closure when the casing closure is in open position being adapted by movement of its support to swing through the casing opening to or from closed position.

2,105,249

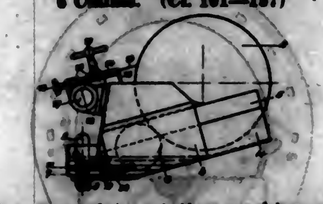
COPPER PLATE PRINTING MACHINE

Karl Theodor Lang, Gruenau-Dresden, Germany, assignor to Bruno Richter, Liebigstr. Schnellpressen-Fabrik A. G., Gruenau, Germany

Application May 20, 1936, Serial No. 80,772

In Germany May 22, 1935

6 Claims. (Cl. 101—157)



1. A copper plate printing machine, comprising a frame, a copper plate cylinder in said frame, an inking apparatus, a doctor device mounted on said inking apparatus and guides in said frame for guiding the inking apparatus with the doctor device mounted thereon towards and away from said cylinder.

2,105,250

WARNING SIGNAL FOR DISSOLVING SHUTTERS

Donald B. Lyman and Joseph Seeley, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application August 11, 1936, Serial No. 95,383

10 Claims. (Cl. 88—19.3)



1. In a motion picture apparatus, the combination with a dissolving shutter including a pair of blades which may be moved relatively to an open position and to a closed position, and an operating member connected to said blades and for relatively moving the same, of a signal means movably mounted and normally inoperative, and a selective connection between said operating member and said signal means and operative to move said signal means into an operative position only when said operating member is moved to a position corresponding to the closed position of said blades.

2,105,251

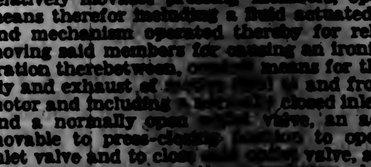
HYDROMECHANICAL MOTOR

Howard F. Hinchliffe, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del., a corporation of Delaware

Application June 1, 1932, Serial No. 613,272

3 Claims. (Cl. 121—38)

3. In combination, a frame, a hydraulic cylinder thereon, a plunger therein, a platen on said plunger, guide members arranged on opposite sides of said plunger, a tie member mounted for reciprocation along said guide members and having an aperture substantially surrounding the outer surface of said cylinder in relatively slidable relationship therewith whereby the cylinder is adapted to assist the guide members in retaining the tie member in its proper position and path of motion, a pair of pulleys mounted on



said tie member, a pair of flexible members secured to said platen and passing over said pulleys to anchorages at their opposite ends, and yielding means arranged to urge said tie member in a direction adapted to oppose the working stroke of said plunger.

2,105,252

HYDROLYSIS OF CELLULOSE ESTERS

Carl J. Malm, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application December 4, 1935, Serial No. 52,576

4 Claims. (Cl. 260—226)

1. In a process of making a lower fatty acid ester of cellulose by procedure including esterifying cellulose with a bath containing acetic anhydride and a catalyst, subsequently hydrolyzing the cellulose ester by treatment of the esterification mixture to obtain the ester of intermediate acetyl content which comprises adding to said esterification mixture a quantity of lower fatty acid containing not more than four carbon atoms, but not greatly in excess of that necessary, to convert any anhydride present to acid, cooling the mixture to the hydrolysis temperature, then adding thereto further aqueous lower fatty acid in an amount sufficient to induce hydrolysis, an excess of sulphuric acid sufficient to accelerate the hydrolysis, and maintaining the mixture at a hydrolyzing temperature until the desired product is obtained.

2,105,253

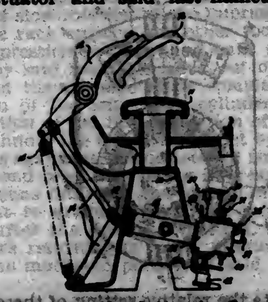
FLUID CONTROL [illegible] FLUID OPERATED

Clifton S. Malick, [illegible], assignor to The American Laundry Machinery Company, Norwood, Ohio, a corporation of Ohio

Application January 21, 1936, Serial No. 2,693

8 Claims. (Cl. 121—38)

1. In a pressing machine, a pair of coacting relatively movable pressing members, operating means therefor including a fluid actuated motor and mechanism operated thereby for relatively moving said members for causing an ironing operation therebetween, [illegible] means for the supply and exhaust of [illegible] and from said motor and including a [illegible] closed inlet valve and a normally open [illegible] valve, an actuator movable to press-closing position to open said inlet valve and to close said outlet valve, said actuator having a connection [illegible] additional movement beyond said press-closing position, fluid actuated power means for moving said actuator, a timing device controlling said additional movement of said actuator, [illegible] circuits for said power means, [illegible] said circuits including an operator-operated control member, the other of said circuits including a valve normally preventing the effective flow of motive fluid therein, and an operative connection between said actuator and said last-named valve and



effective to move the latter to flow establishing position upon completion of the action controlled by said timing device.

2,105,254

FILM GUIDE FOR FILM MAGAZINES

Lawrence E. Martin, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application December 26, 1935, Serial No. 56,269

8 Claims. (Cl. 88—17)



1. In a film magazine, the combination with a casing adapted to contain a supply film roll, a takeup film roll, and a film strip therebetween, mounting means for supporting said film rolls so that some of the space occupied by the supply film roll is subsequently occupied by the takeup film roll, and a film moving means for maintaining in said film strip a pre-formed film loop with a portion of said film strip between said film rolls, of a guide member mounted to move between said film loop and one of said film rolls and for preventing the film strip forming the film loop from being wound prematurely upon said one film roll.

2,105,255

EXPOSURE METER

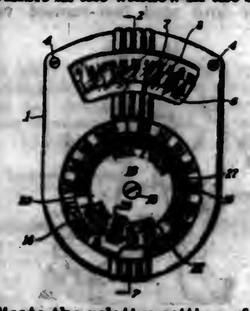
Joseph Mihalyi and Newton R. Green, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

Application February 15, 1936, Serial No. 64,068

3 Claims. (Cl. 235—85)

1. A scale for exposure meters comprising a base member bearing an arcuate scale, a second disc-like member pivotally attached to the base and including an arcuate slot covering a large part of the disc from the remainder, a window in the second member between the ends of the arcuate slot, and a third disc-like member coaxially mounted on the same pivot as the second member, the third disc-like member having a flange carrying a scale adapted to project through the arcuate slot, whereby the movement of the third member relative to the second is

limited by said slot, and a scale on the third member visible in the window in the second member to indicate the relative setting of these members.



2,105,256
CAMERA
Joseph Mihalyi, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application August 11, 1936, Serial No. 95,274
2 Claims. (Cl. 95—44)



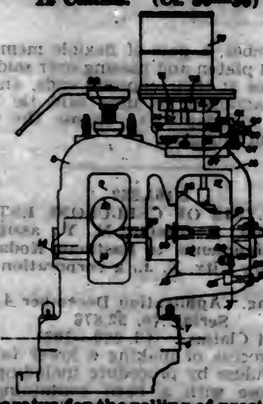
1. In a camera, a sleeve, mounting means supporting the sleeve for rotation on its axis but holding it against axial movement, an outer tubular member surrounding the sleeve and having a screw connection therewith, an axial extending key-way in said mounting means, a key on the outer tubular member slidably engaging said key-way to hold said tubular member against rotation, a lens detachably fastened to said tubular member, means for rotating said sleeve relative to the mounting means, whereby axial movement is imparted through the screw connection to said tubular member and the lens, a range finder including a movable optical member connected to said tubular member, a view finder adjustable to alter its field of view, and means for adjusting the view finder in accordance with the rotational movement of said sleeve to compensate for parallax between said finder and the lens.

2,105,257
STIFFENING RIB FOR SUPPORTING GARMENTS
John V. Moore, Pawtucket, R. I., assignor to Moore Fabric Company, Pawtucket, R. I., a corporation of Rhode Island
Application July 20, 1936, Serial No. 91,522
2 Claims. (Cl. 2—256)



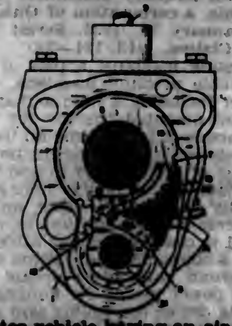
1. A garment stiffening rib formed of an elongated body of solid rubber vulcanized to a firm but pliable condition and having a strip of non-elastic fabric incorporated therein and extending lengthwise thereof.

2,105,258
METHOD OF AND APPARATUS FOR ROLLING ROUNDS
Joseph M. O'Malley, Worcester, Mass., assignor to Morgan Construction Company, Worcester, Mass., a corporation of Massachusetts
Application November 27, 1933, Serial No. 699,823
12 Claims. (Cl. 80—36)



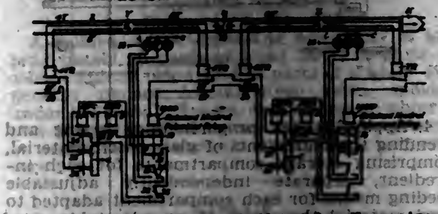
1. Apparatus for the rolling of precision rounds, from stock which is presented in substantially oval cross-sectional shape to the final rolling operation, said apparatus comprising horizontal reducing rolls providing a pass which is slightly "full" horizontally, a restraining guide in advance of said horizontal rolls to maintain the oval section upright in its presentation to said pass, and vertical rolls providing another pass immediately adjacent said first pass, to which other pass the stock is delivered by said first pass with no restraint other than that provided by said guide which presents it to the first pass.

2,105,259
ACCESSORY AIR PUMP FOR MOTOR VEHICLES
Charles H. Oakes, Detroit, Mich.
Application April 24, 1935, Serial No. 18,034
12 Claims. (Cl. 60—56)



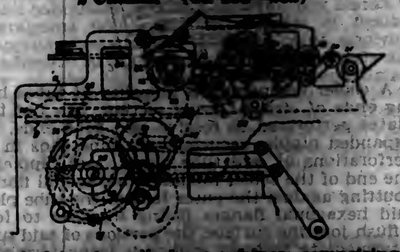
1. A motor vehicle having an air operated accessory and a power plant, the latter including intermeshing power transmitting gears enclosed in a casing containing a bath of lubricant in which one of the gears operates, an air pump adapter chamber disposed in the case and enclosing portions of the gears about their point of mesh in lubricant sealed contact with the enclosed gear teeth to convert the power transmitting gears into an air pump, said chamber having an air port located adjacent the point of mesh, and means connecting the air port to the air operated accessory.

2,105,260
RAILWAY SIGNALING
George R. Pfleterer, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application September 15, 1936, Serial No. 100,852
13 Claims. (Cl. 246—39)



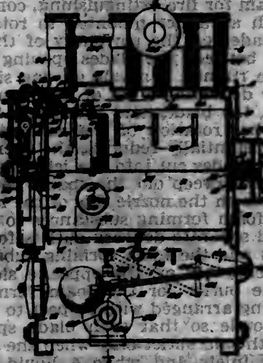
1. In combination, a section of railway track, a pair of conductors for said section, means governed in accordance with traffic conditions in advance of said section for supplying said conductors with unidirectional current or with alternating current, a signal for said section including a pair of lamps, and means controlled by said pair of conductors for governing said pair of lamps whereby one of said lamps is constantly energized if unidirectional current is supplied to said conductors or said pair of lamps is energized alternately if alternating current is supplied to said pair of conductors.

2,105,261
CYLINDER MACHINE
Bruno Pöhler, Kassel, in Hesse, Germany
Application July 14, 1934, Serial No. 735,183
In Germany July 15, 1933
2 Claims. (Cl. 101—232)



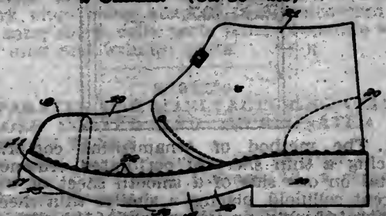
1. A drive in cylinder machines, comprising a carriage, a rack for said carriage, an impression cylinder, a multilated toothed rim on the circumference of said cylinder, said rim being engaged by said rack to bring about a revolution of the impression cylinder, a second toothed rim on said impression cylinder, a movably disposed toothed segment, means comprising eccentrics and a roller lever for lifting and lowering said toothed segment and additional eccentrics and a lever for imparting to said toothed segment a slowly starting and stopping oscillatory motion and bringing it into engagement with the second toothed rim on the impression cylinder to alternately rotate the cylinder with said carriage, whereupon said toothed segment by said means initiates slow rotation of the impression cylinder and the rack engages the other toothed rim on the impression cylinder and said toothed segment by said means is lifted out of the second rim and the carriage alone completes the first rotation of the impression cylinder and before completion of the first revolution of the impression cylinder the toothed segment by said means engages again the second toothed rim and causes the second revolution of the impression cylinder, said means retarding the motion of the toothed segment to gradually stop the impression cylinder after the second revolution, said carriage and rack returning to initial position under and past the mutilated portion of said first toothed rim.

2,105,262
FLUID METER
Bailey E. Price, Dallas, Tex.
Application August 21, 1933, Serial No. 686,156
Renewed June 9, 1937
16 Claims. (Cl. 73—209)



1. In a meter of the type described, in combination, an unbalanced dump bucket, a float adapted to float in the liquid therein, means holding the bucket in position and released by the float on reaching a predetermined height in the bucket, and means resisting movement of the float with a force substantially proportional to the elevation thereof.

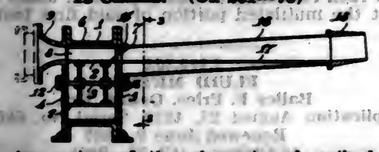
2,105,263
INDUSTRIAL SHOE
Mae Genevieve Reece, Alta Berthea Reece, and Gus E. Bergman, Columbus, Nebr., assignors to Reece Wooden Sole Shoe Company, Inc., Columbus, Nebr., a corporation of Nebraska
Application June 8, 1936, Serial No. 84,200
2 Claims. (Cl. 36—3.5)



1. A shoe comprising a wooden sole, an upper, a non-flexible metal toe beneath said upper, said

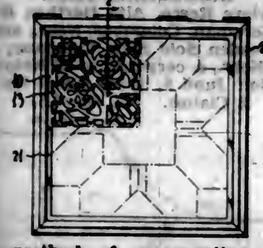
sole having a rabbet extending around its upper edge, said upper being attached to the lower face of said rabbet, the front wall of said metal top being substantially perpendicular to the top toe-surface of said sole, said front wall having its lower edge inclined inwardly and formed to a relatively sharp lower edge, said lower edge engaging the vertical wall of said rabbet.

2,105,264
APPARATUS FOR THE GENERATION OF FOAM FOR FIRE EXTINCTION
Herbert Vernon Reed, London, England
Application July 26, 1935, Serial No. 33,372
In Great Britain August 1, 1934
12 Claims. (Cl. 261—76)



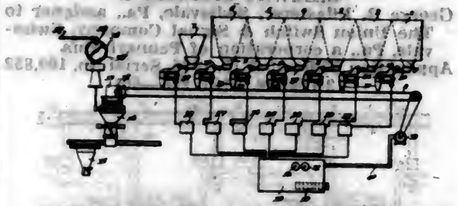
1. Apparatus of the character described for making foam for fire extinguishing, comprising a casing with a runner mounted to rotate freely therein, blades on the periphery of the runner, the spaces between the blades opening on either side of the runner, a nozzle on one side of the runner for delivering a jet of liquid to the runner blades, the blades and the nozzle being disposed so that rotation of the runner is caused without substantially reducing the energy of the jet and the blades cut into the jet to form liquid pistons which sweep out the spaces between the blades, inlets on the nozzle side of the runner for admitting foam forming substances to the blade spaces, and separate delivery outlets for the liquid pistons and the foam forming substances to a mixing chamber on the opposite side of the runner, the outlet for the foam forming substances being arranged with respect to the inlets and the nozzle so that each blade space is in register with said outlet only when the space has passed the inlets and while a liquid piston is travelling along the particular space.

2,105,265
ORNAMENTATION
Alfred F. Reilly, North Attleboro, Mass., assignor to Evans Case Company, North Attleboro, Mass., a corporation of Massachusetts
Application September 9, 1937, Serial No. 163,120
12 Claims. (Cl. 41—35)



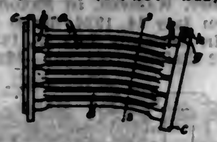
1. The method of ornamenting comprising placing a thin sheet of perforated ornamental metal on one side of a smooth sheet of transparent celluloid, placing a similar thin sheet of perforated metal on the surface of the other side of the celluloid with the perforations of the metal sheets in register, and pressing the assembly between heated polished smooth dies till the metal sheets enter the celluloid and become level with its surfaces respectively.

2,105,266
METHOD OF AND APPARATUS FOR PROPORTIONING AND BLENDING GLASS BATCH MATERIALS AND THE LIKE
William Stanley Rendall, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
Application October 21, 1936, Serial No. 106,648
12 Claims. (Cl. 49—62)



4. Apparatus for proportioning, mixing and blending the ingredients of glass batch material, comprising storage compartments for each ingredient, separate independently adjustable feeding means for each compartment adapted to feed material therefrom at an adjustable, predetermined, constant rate, adjustable automatic control means to initiate, continue and terminate the operation of each feeder simultaneously, means for continuously collecting the several materials delivered by said feeders, means for continuously mixing the collected materials, said control means serving to initiate, continue and terminate the operation of the collecting and mixing means simultaneously with the operation of each feeder.

2,105,267
CHARGE COOLER
John Hegg Robertson, London, England
Application February 26, 1936, Serial No. 65,899
In Great Britain March 13, 1935
1 Claim. (Cl. 257—248)

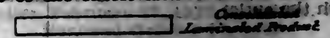


A cooler comprising a plurality of tubes having ends of circular cross section, two flat tube plates perforated to receive said tube ends, and expanded nipples securing said tube ends in the perforations of said tube plates, said nipples at one end of the cooler including hexagonal flanges abutting against the outer face of the tube plate, said hexagonal flanges fitting together to form a flush jointing surface, the portions of said tubes intermediate between said ends being formed to stream line section, and all of said tubes having the axes of said stream-line intermediate portions parallel to each other.

2,105,268
LAMINATED PRODUCT
Adrian A. Robinson, Chicago, Ill., assignor to Wilson & Co., Inc., a corporation of Delaware
Application October 17, 1935, Serial No. 45,501
1 Claim. (Cl. 154—45.9)

A laminated product comprising a plurality of layers of porous fabric impregnated substantially

uniformly throughout with a binder comprising soluble blood and a synthetic resin, the binder when dry being thirty to eighty per cent by weight of the fabric and the blood being from



fifty to ninety per cent of the binder, the layers being consolidated under heat and pressure to produce a tough flexible highly waterproof laminated product.

2,105,270
MOLDING POWDER AND PRODUCT
Adrian A. Robinson, Chicago, Ill., assignor to Wilson & Co., Inc., a corporation of Delaware
No Drawing. Application October 17, 1935, Serial No. 45,502
1 Claim. (Cl. 106—22)

A molded article consisting essentially of approximately 50 parts of wood flour, 25 parts of soluble animal blood, and 25 parts of a water dispersible phenol formaldehyde resin, molded under heat and pressure, and having an absorption for water of not more than fifteen percent on exposure for twenty hours at room temperature.

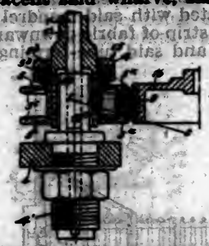
2,105,272
METHOD OF MAKING BOXES
George B. Scheffey, Riverside, N. J., assignor, by mesne assignments, to Beat Blank Corporation, New York, N. Y., a corporation of Delaware
Application June 12, 1936, Serial No. 84,830
12 Claims. (Cl. 93—36)



1. The method of carrying out a box wrapping operation by means of automatic machinery which comprises feeding a series of box blanks to a wrapping point, feeding a series of flexible wrapping sheets to said wrapping point, applying an adhesive so that the sheets will adhesively adhere to the blanks respectively, immediately thereafter registering the sheets with the blanks respectively, and immediately thereafter folding portions of each blank, and the applied sheet adhering thereto through an angle approaching 180° relatively to other portions of the blank.

2,105,271
WHARVE FOR SPINDLES FOR SPINNING, TWISTING, WINDING, AND SIMILAR MACHINES
Carlo Schleifer, Novara, Italy
Application August 14, 1936, Serial No. 96,095
In Italy May 13, 1936
4 Claims. (Cl. 118—47)

1. In a belt driven device, the combination of a rotatable spindle, a wharve supported on said spindle, means for preventing rotation of said wharve with respect to said spindle, said means permitting axial movement of said wharve with respect to said spindle, a rounded convex annular protuberance carried by the periphery of said wharve, a belt, means for guiding said belt to a position adjacent said wharve, said wharve being axially movable whereby the annular protuberance thereof tangentially engages said belt.



2,105,273
SLEEVE VALVE FOR A FOUR STROKE OPPOSED PISTON ENGINE
Ernst Schmid, Annecy, Haute-Savoie, France
Application January 22, 1936, Serial No. 60,288
In Germany February 5, 1935
6 Claims. (Cl. 123—51)

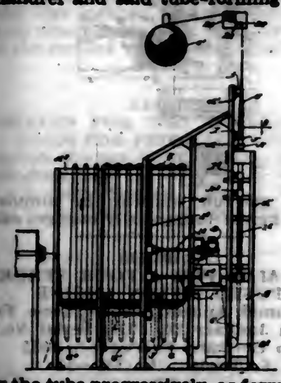


6. In an internal combustion engine of the four-stroke opposed piston type, the combination comprising a common cylinder having the same inner cross section throughout and having axially spaced inlet and exhaust ports, a sleeve valve having a series of ports in a single plane adapted to cooperate with said inlet and exhaust ports, said sleeve valve being slidable axially within said cylinder, said ports in said valve alternately permitting communication between said inlet and exhaust ports to the interior of said sleeve valve, pistons reciprocating in opposed directions within said sleeve valve, piston rings on said pistons, said ports in said valve being so positioned that they remain between said piston rings and are not wiped thereby, and spark plugs located in said cylinder wall intermediate said exhaust and inlet ports and said spark plugs being adapted to be uncovered by the same sleeve valve ports which cooperate with the inlet and exhaust ports.

2,105,273
APPARATUS FOR MANUFACTURING CELLULOSE COATED AND IMPREGNATED FIBROUS TUBES
John Paul Smith, Chicago, Ill., assignor to The Visking Corporation, Chicago, Ill., a corporation of Virginia
Application June 8, 1935, Serial No. 25,935
24 Claims. (Cl. 92—52)

1. Apparatus for forming coated tubes com-

prising: a precipitating bath tank; a tubular mandrel depending into said tank; tube-forming means associated with said mandrel; and means for drawing a strip of fabric downwardly between said mandrel and said tube-forming means and



passing the tube progressively, as formed, through a precipitating bath in said tank, the tube having thereon a cellulose-derivative-coating which is subjected to precipitating action in passing through said bath.

2,165,274

PROCESS OF PREVENTING YELLOW STAIN IN PHOTOGRAPHIC PREPARATIONS AND REGULATION OF THE HALOGEN CONTENT THEREOF

Albert Steigmann, Luxemburg-Ville, Luxemburg, assignor to Felix Sager & Dr. Gessler Gesellschaft mit beschränkter Haftung, Heidelberg, Germany, a firm of Germany

No Drawing. Application November 7, 1936, Serial No. 109,792. In Germany December 13, 1935

14 Claims. (Cl. 95—88)

1. The method of preventing yellow stain and regulating the halogen ions in light sensitive silver halide emulsions, which consists in treating said emulsions with a solution containing a soluble iodonium compound.

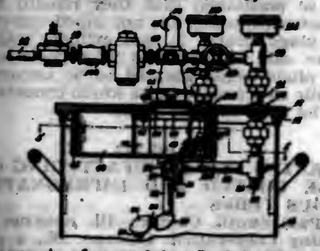
2,165,275

FLOCK APPLYING APPARATUS

Wayne B. Thompson, Winchester, Mass., assignor to Spray Engineering Company, Somerville, Mass., a corporation of Massachusetts

Application February 21, 1934, Serial No. 712,286

1 Claim. (Cl. 91—6)



An apparatus for applying flock having, in combination, a nozzle, a container for the flock, an outlet from the container in communication with the nozzle, means for introducing air under pressure into the container and discharging the air against the flock to impart movement thereto, means for varying the air pressure, and separate means for varying the velocity of the air flow through the outlet.

2,165,276

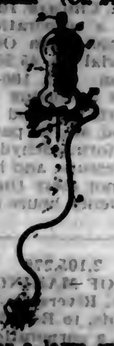
SUPPORT FOR LAWN SPRINKLERS

Harry P. Treesdly, New York, N. Y., assignor, by mesne assignments, to Samuel Scrivener, Jr., Washington, D. C.

Application April 19, 1933, Serial No. 666,967

Renewed May 16, 1936

4 Claims. (Cl. 242—37)



4. A support for a lawn sprinkler comprising a plate-like member, an integral marginal flange on said member having openings therein, a pipe extending through certain of said openings, metallic straps extending across said pipe and welded to said plate-like member, and a bracket member disposed in another of said openings.

2,165,277

PROCESS OF WATER PURIFICATION

Oliver M. Urbain, Columbus, Ohio, assignor to Charles H. Lewis, Harpster, Ohio

No Drawing. Application November 25, 1936, Serial No. 112,227

7 Claims. (Cl. 210—2)

1. A process for purifying organically polluted water comprising initially treating the water with a heavy metal salt and a high valent anion having the property of increasing the cataphoretic velocity of the suspensoids, then separately adding an alkaline buffer to yield a solution having a pH within the range from 6.5 to 7.5, passing the solution to a sedimentation zone, taking off the effluent, and passing the same through a filter charged with an alkaline earth zeolite.

2,165,278

WAVE-STILLING OIL

Johan Leonard van der Minne, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application December 4, 1934, Serial No. 755,952. In the Netherlands December 5, 1933

7 Claims. (Cl. 87—9)

1. A wave-stilling oil composition comprising an extract obtained from treating mineral oil with a selective naphthenic solvent and at least 50% of which is soluble in 98% sulfuric acid, and a carboxylic acid having the property of lowering the surface tension of water.

2,165,279

MULTIPLE DUPLICATING APPARATUS FOR TYPEWRITERS

Joseph J. Weber, Chicago, Ill.

Application February 27, 1933, Serial No. 658,792

Renewed October 27, 1937

15 Claims. (Cl. 197—153)



1. A multiple duplicating apparatus, of the character described, arranged in co-operative relation to a typewriting machine having the usual frame, type bars and operating mechanism therefor, and a reciprocable platen carriage together with its platen and mechanism for operating the same, comprising an inclinable, longitudinally movable, revolubly mounted ribbon-takeup-operating mechanism-carrying carriage having a suitable arrangement of spool operating spindles mounted therein, a plurality of pairs of inclinable ribbon guide arms hinged to said carriage, ribbon spools detachably and loosely mounted for rotation on said spindles, an inclinable or folding carrying-carriage mounting frame adapted to be detachably secured to the frame of a typewriting machine, and an auxiliary tension means adapted to simultaneously operate the said carrying-carriage and the ribbon-takeup operating mechanism in co-operative relation with the usual mechanism for operating the platen of said machine longitudinally thereof.

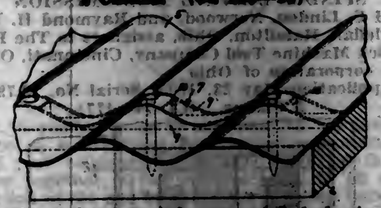
2,165,280

REINFORCEMENT

John M. Bast, Lubbock, Tex.

Refiled for abandoned application Serial No. 669,227, May 3, 1933. This application June 26, 1937, Serial No. 150,636

2 Claims. (Cl. 189—18)



1. A reinforcement for corrugated sheet walls comprising an elongated strip having an outstanding flange thereon cut on curves to conform with the curvatures of the corrugated wall, said strip being struck to provide upstanding tongues which form abutments for the said flanges.

2,165,281

POWDER DISPENSER

David P. Bower, Montreal, Quebec, Canada

Application April 20, 1937, Serial No. 138,060

14 Claims. (Cl. 221—66)

1. A powder dispenser comprising a casing having in its upper end a powder hopper and having a discharge slot in its lower end; a rotatable dispensing element closely fitting within the walls of the casing between the hopper and slot, said element having powder propelling blades thereon, the plane of the blades being disposed at an acute angle to the axis of rotation of the element,



and said element having a portion adapted in one position to form a closure for said slot; means for normally yieldably retaining the element in position to close the slot; and means for oscillating the element to uncover the slot.

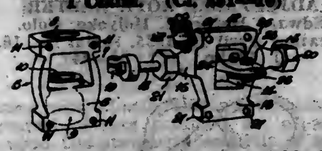
2,165,282

VALVE

Charles M. Dolby, Lawrenceville, Ill.

Application October 4, 1937, Serial No. 167,288

1 Claim. (Cl. 251—10)



A valve comprising an elongated block having its ends shaped for engagement with a wrench, said block having a flat longitudinal side, a recess opening through said flat side, and alined threaded pipe-receiving openings in the block ends communicating with the ends of said recess, one end wall of said recess being relatively distant from the corresponding end of the block and being provided with a valve seat around one of said openings; a second elongated and plate-like block having a flat longitudinal side, a relatively small recess opening through said flat side, and integral outwardly projecting alined tubular bearing necks at opposite sides of said recess, a cap threaded on the outer end of one of said necks, a stuffing box threaded on the outer end of the other of said necks; a rock shaft permanently mounted in said tubular necks and projecting beyond said stuffing box, an arm having one end secured to said rock shaft within said recess of said second block, said arm projecting permanently from this recess beyond said flat side of said second block and having a valve on its projecting end; and means detachably securing said second block to the first mentioned block with the flat sides of the two blocks in abutting relation; said arm extending into said recess of said first mentioned block and having its valve disposed in this recess in operative relation with said valve seat.

2,165,283

HEAT RESISTANT ALLOYS

Willi Gödecke, Witten-Ruhr, and William Guertler, Berlin-Dahlem, Germany, assignors to Degea Aktiengesellschaft (Auergesellschaft), Berlin, Germany, a corporation of Germany

No Drawing. Application August 4, 1936, Serial No 94,236. In Germany August 9, 1935

2 Claims. (Cl. 75—124)

1. A heat resistant alloy which consists of about 1–10% of aluminum, about 20–35% of chromium, about .001–5% of thorium and the remainder substantially of iron.

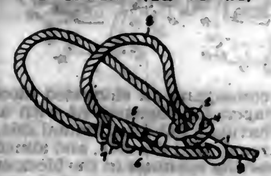
2,105,224
STABILIZATION OF UNSATURATED CARBOCYLIC COMPOUNDS
Herbert P. A. Groll and George Hearne, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application February 24, 1936, Serial No. 65,412
4 Claims. (Cl. 23—250)

1. A composition of matter comprising a compound of the formula

$$CH_2{=}C{-}CO{-}X$$
$$|$$
$$R$$

wherein R is a substituent of the class consisting of the methyl, ethyl, butyl, phenyl, carbinol and chloromethyl groups and X is a substituent of the group consisting of H and OH, stabilized by the presence of from about 0.002% to about 2% of a phenolic compound of the group consisting of hydroquinone and pyrogallol.

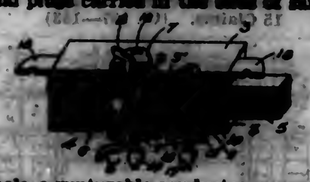
2,105,225
ADJUSTABLE ROPE HALTER
Edward Hathcote, Holyoke, Colo.
Application April 16, 1935, Serial No. 16,682
1 Claim. (Cl. 54—24)



A halter of the class described comprising a single length of flexible material looped to form a headpiece, one free end of the flexible material being bent upon itself to form a loop at the terminal of the headpiece, said free end having loops formed thereon to adjustably secure the same to a portion of the headpiece to form a nose piece, and means for retaining the flexible material in halter-forming position, said means comprising a substantially vertically arranged intermediate shank part, a closed loop-forming part extending upwardly and outwardly from the shank part, said loop-forming part having the loop in the flexible material pass therethrough with the loop partly passing around the shank part, and a substantially oval-shaped loop-forming part connected to the lower end of the shank part, said second-mentioned loop-forming part being arranged at a less inclination from the vertical shank part than is the first-mentioned loop-forming part, whereby the second-mentioned loop-forming part is adapted to receive the said other free end of the flexible material to automatically adjust the length of the headpiece and the nose piece of the halter.

2,105,226
CIRCUIT BREAKER
Burton F. Jennings, Belleville, Ontario, Canada
Application February 21, 1936, Serial No. 65,162
1 Claim. (Cl. 200—53)

An impact electric circuit breaker comprising a body portion formed with a longitudinal slot terminating in a wedge-shaped end within the body, a plunger slidable in said slot, the walls of said slot adjacent the wedge shaped end having a transverse hole therethru said hole passing thru the slotted portion, said plunger having its ends formed respectively with a wedge shaped termination designed to fit the wedge shaped end of said slot and the other end extending beyond the body portion to receive an impact, removable terminal plugs carried in the ends of said transverse hole, a rupturable conductor connecting the ends of said terminal plugs and extending across the slot in the path of the plunger, a shearing pin passing thru the body portion and plunger to determine the force necessary to operate the circuit breaker and means for sealing said apparatus against unauthorized tampering.



2,105,227
COLLAR STUD TO BE SEWN
Hermann Levy, Berlin-Charlottenburg, Germany
Application May 4, 1937, Serial No. 140,715
In Germany June 19, 1935
1 Claim. (Cl. 24—97)



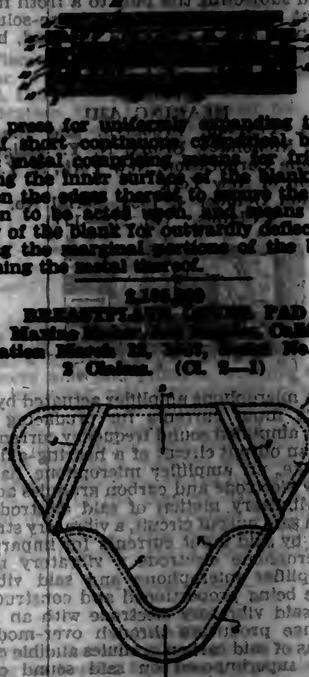
A collar stud comprising in combination a base with upwardly bent rim, a stem hingedly mounted eccentrically on said base, and a head hingedly mounted on the outer end of said stem, said stem when in folded positions lying below the plane of the rim, and said base having holes therein when same can be sewed upon the neck band of a shirt.

2,105,228
SPINDLE DRIVING TRANSMISSION
Carl E. Linden, Norwood, and Raymond H. McClellan, Hamilton, Ohio, assignors to The Fosdick Machine Tool Company, Cincinnati, Ohio, a corporation of Ohio
Application May 22, 1935, Serial No. 22,794
5 Claims. (Cl. 74—477)



1. In a shifting device including a controller shaft to be rotated and a gear carrying yoke to be slidably moved, a lever pivotally mounted, said lever having one end operatively engaging the gear carrying yoke and having its other end bifurcated, a disc mounted on the shaft, said disc carrying a crank pin element adapted to enter said bifurcated end of the lever for shifting the lever, a second disc mounted on the shaft, a locking arm as a part of the lever having separate surfaces engageable with the periphery of the last-named disc, said last-named disc including a flattened portion on the same side of the shaft as the crank pin adapted to allow the contact of the last-named disc and the locking arm when the lever is being shifted.

2,105,229
BREASTPLATE PAD
Maxine [illegible], [illegible], Calif.
Application March 18, 1937, Serial No. 130,596
2 Claims. (Cl. 2—1)



1. A combined shield pad for the breastplate of a seamless garment comprising a pad part composed of several layers of fabric sewn together, a fabric piece sewn to an edge portion of the pad and forming a pocket between itself and the pad for receiving a portion of the breast plate and straps of fabric sewn to other edge portions of the pad and extending over portions of the pad for covering other parts of the breast plate.

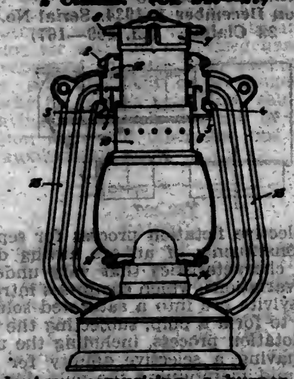
2,105,231
RECORD CARD CONTROLLED MACHINE
Michael Mack, Berlin-Niederschönhausen, Germany
Application March 20, 1933, Serial No. 661,961
In Germany April 14, 1932
8 Claims. (Cl. 235—61)

1. In a machine controlled by perforated record cards having a plurality of superposed record decks, each deck comprising a plurality of adjacent related columns, said perforations in each column representing a single distinct value, entry-receiving means having a plurality of units under the supervision of said record columns and controlled in a subsequent machine cycle in accordance with the result of the analysis in the preceding machine cycle, a common set of analyzing means for said record decks for analyzing all columns in any deck simultaneously and for successively analyzing said record decks deck by deck, a first storing mechanism having a storing unit for each record column in each deck for retaining the result of the analysis wherein the storing units for each record deck constitute one set of storing units, a set of actuating units for said sets of storing units, said actuating units being also common to said plurality of record decks, said actuating units being controlled by the analyzing means for one record column, and means for successively placing different sets



of storing units of said storing mechanism under the control of said common set of actuating units upon the successive analysis of said plurality of record decks, a second storing mechanism also adapted to retain the result of the analysis and having means for controlling said entry-receiving units in accordance therewith, means for causing said first storing mechanism to govern after analysis in said preceding machine cycle and before the entering operation in the subsequent machine cycle said second storing mechanism, means for clearing said second storing mechanism before said governing operation, and means for clearing said first storing mechanism after said governing operation and before control of the first storing mechanism by the analyzing means upon analysis of the subsequent card.

2,105,232
HURRICANE LANTERN
Bruno Nier, Butterfeld, Germany
Application December 9, 1936, Serial No. 114,873
In Germany December 22, 1935
2 Claims. (Cl. 240—49)



1. A lantern comprising, a burner chamber,

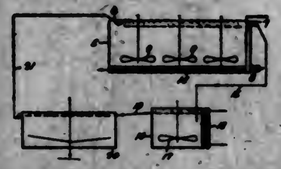
a chimney head, means for supporting said chimney head above said burner chamber comprising tubes extending from the burner to the head to provide passages therebetween, a perforated plate carried by the lower portion of said chimney head, the lower end of said head having openings positioned above said plate whereby air normally passes said perforated plate to the burner chamber through said tubes and sudden gusts of air escape through said openings.

2,105,293
CONVERTIBLE BODY FOR VEHICLES, AND PARTICULARLY FOR MOTOR VEHICLES
Georges Auguste Paulin, Maisons, France
Application January 11, 1934, Serial No. 706,279
In France January 18, 1933
3 Claims. (Cl. 296—107)



1. In a vehicle having a movable rigid roof capable of being withdrawn within a receptacle or spider formed in the fixed part of the car body and provided with a cover closing the said spider when the vehicle is hooded or unhooded, in combination, two first links arranged on each side of the said roof, a second link arranged in the transverse axis of the said roof, these links being pivoted on the one hand to the said roof and on the other hand to the fixed part of the car body, the four pivots of the two first links and of the second link constituting the spices of a four-bar motion, a nut articulated to the said second link, a screw axially moving and engaging in the said nut, first means for rotating the said screw and second means for operating the said cover when it is desired to insert the roof in the said spider or when it is desired to remove it therefrom, the said means being controlled from the same source of power.

2,105,294
TEMPERATURE CONTROL IN A FLOTATION PROCESS
Arthur J. Wesnig, Golden, Colo., assignor to Potash Company of America, Denver, Colo., a corporation of Colorado
Application December 1, 1934, Serial No. 755,576
23 Claims. (Cl. 209—167)

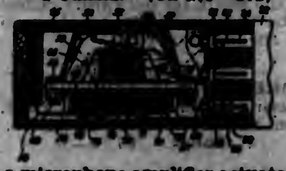


2. A selective flotation process for separating soluble constituents of an ore having different solubility characteristics that vary under temperature variations, which comprises introducing a halite-sylvite ore into a saturated solution of the same to form a pulp, subjecting the pulp to a froth flotation process, including the use of a reagent having a selective affinity for sodium chloride, and maintaining the pulp during said treatment at a substantially uniform temperature at which the soluble halite particles will not go into solution in the pulp.

2,105,295
FLOTATION PROCESS
Arthur J. Wesnig, Golden, Colo., assignor to Potash Company of America, Denver, Colo., a corporation of Colorado
No Drawing. Application March 14, 1935, Serial No. 11,000
22 Claims. (Cl. 209—166)

1. A process for the recovery of potassium chloride from halite-sylvite ores by selective flotation, which comprises entering a halite-sylvite ore into a saturated solution of such ore to form a pulp, and subjecting the pulp to a froth flotation treatment in the presence of a brine-soluble alkali resinate and a cation of the lead, bismuth class.

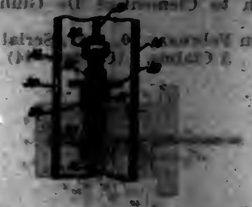
2,105,296
HEARING AID
Harry A. Pearson, Brooklyn, and Emmanuel Christ Niebuhr, Bronx, N. Y., assignors to Sonotone Corporation, New York, N. Y., a corporation of New York
Application October 4, 1934, Serial No. 746,794
4 Claims. (Cl. 179—171)



1. In a microphone amplifier actuated by sound frequency input currents for producing corresponding amplified sound frequency currents supplied to an output circuit of a hearing-aid device or the like, an amplifier microphone having a vibratory electrode and carbon granules actuated by the vibratory motion of said electrode connected in said output circuit, a vibratory structure actuated by said input currents for imparting to said microphone electrode a vibratory motion, said amplifier microphone and said vibratory structure being proportioned and constructed to operate said vibratory electrode with an amplitude range producing through over-modulated vibrations of said carbon granules audible current impulses superimposed on said sound current oscillations, and a condenser unit connected parallel to said amplifier microphone having an impedance of the order of the output impedance at a frequency between 1,000 and 4,000 cycles and an impedance two or more times greater than the output impedance at a frequency between 600 and 1,200 cycles for suppressing said superimposed current impulses without materially impairing the intensity of the sound frequency oscillations supplied to the output circuit incident to said over-modulated vibration.

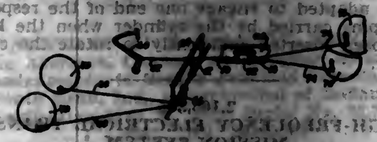
2,105,297
BRAKE
Carl Press, South Bend, Ind.
Application December 7, 1936, Serial No. 114,626
2 Claims. (Cl. 188—79.5)

1. A brake adjuster comprising a socket and a stem extending into the socket, said socket having at least the portion adjacent its open end substantially greater in diameter than said stem, and an adjusting member having a sleeve threaded onto said stem and having a smooth cylindrical exterior rotatably mounted in said portion of the



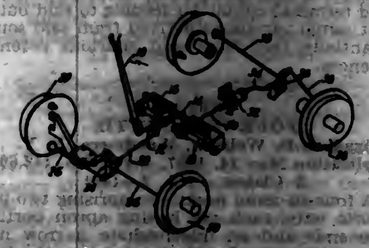
socket and having a part seated against the end of the socket.

2,105,298
BRAKE
Glyn Pierce Roberts, Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application May 1, 1936, Serial No. 76,367
In Great Britain May 1, 1935
10 Claims. (Cl. 188—10)



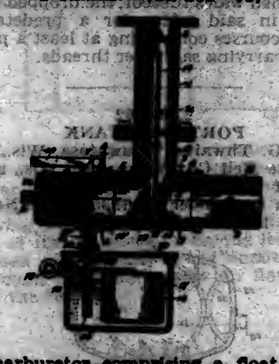
1. A load limiting device comprising a plunger formed with a cone-shaped portion, a sleeve, a housing, a spring effectively interposed between said sleeve and said plunger, wedging elements, means including said cone-shaped portion and operated by relative movement between said plunger and said sleeve for forcing said wedging elements into contact with said housing to lock the sleeve thereto a member mounted crosswise of the sleeve beyond the end of the plunger, a cap over the end of the housing having a seat for the end of a conduit, a conduit having its end in said seat, and a cable extending through the conduit and through said cap and secured to said member.

2,105,299
BRAKE
Glyn Pierce Roberts, Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application October 16, 1936, Serial No. 106,025
In Great Britain October 16, 1935
1 Claim. (Cl. 188—195)



A load limiting device for a vehicle brake comprising a plunger, a sleeve, a housing, a second sleeve adjustably threaded in the first sleeve, a spring effectively interposed between the plunger and the second sleeve, wedging elements, said plunger having means operated by relative movement between said plunger and said sleeves for engaging said wedging elements with said housing to lock the plunger thereto, said second sleeve having means for shifting it to either of two positions giving different spring actions, and said housing being provided with a projection forming a stop for said last named means permitting it to be moved between said two positions corresponding to loaded and unloaded condition of the vehicle.

2,105,300
CARBURETOR
Frank N. Russell, Oakland, Calif.
Application March 12, 1937, Serial No. 130,636
4 Claims. (Cl. 261—78)

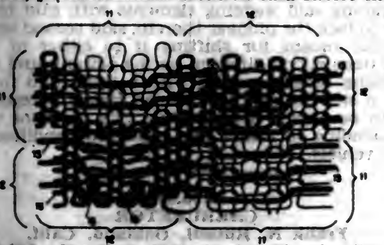


1. A carburetor comprising a float chamber, means for directing gasoline into said chamber, a valve for controlling the action of said means, a float for controlling the action of said valve, a plurality of outlet tubes extending from near the bottom of said chamber to a point exteriorly of said chamber, the ends of said tubes exteriorly of said chamber being arranged in different planes, means for directing air under pressure across the tops of said ends for drawing gasoline from said tubes and vaporizing the gasoline at the same time, means forming a mixing chamber for said gasoline and air, an outlet tubular member adapted to lead to the intake manifold of an internal combustion engine, means forming an auxiliary air inlet leading into said outlet tubular member, a baffle between said vaporizing chamber and said air inlet means, and a plurality of pipes of different lengths extending from said abutment into said outlet tubular member for mixing air with the vaporized gasoline and any unvaporized gasoline from said vaporizing chamber, said abutment being formed with a passageway for each of said pipes, said passageways having respectively one end in free communication with said pipes and one end open to said auxiliary air inlet.

2,105,301
FABRIC
Samuel Saftlas, New York, N. Y., assignor to Julius Kaplan and Selig Kaplan, co-partners doing business as Pearmont Knitting Mills, Brooklyn, N. Y.
Application October 10, 1936, Serial No. 104,981
2 Claims. (Cl. 66—190)

1. A fabric comprising a basic knit portion formed of thread of a predetermined size, filler

threads of a different predetermined size undulating between courses and incorporated into said basic knit portion in predetermined courses thereof, predetermined areas in said fabric having tight-stitch held dropped stitches therein in predetermined wales thereof, the dropped stitches extending in said wales for a predetermined number of courses comprising at least a plurality of courses carrying said filler threads.

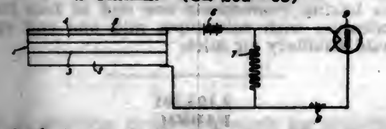


2,105,202
PORTABLE TANK
Frederick G. Thwaits, Wauwatosa, Wis., assignor to The Heil Co., Milwaukee, Wis., a corporation of Wisconsin
Application September 11, 1935, Serial No. 40,053
10 Claims. (Cl. 220—71)



1. A portable tank comprising, an elongated shell having substantially elliptical transverse cross-section, a bracing member secured to and extending transversely of the interior of said shell, a substantially circular brace disposed centrally within and attached directly to the upper and lower portions of said member, and other braces interposed between the opposite sides of said circular brace and the corresponding sides of said member.

2,105,203
PHOTOELECTRIC DEVICE
Willem Christiaan van Geel, Eindhoven, Netherlands, assignor to Radio Corporation of America, a corporation of Delaware
Application October 6, 1934, Serial No. 747,253
In Germany September 25, 1933
2 Claims. (Cl. 201—63)



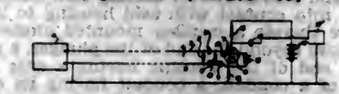
1. A photo-conductive cell comprising a metallic conductive base, a light-responsive semi-conductive layer thereon, a transparent second conductive layer, and a barrier layer of artificial resin separating the light-responsive layer and the second conductive layer, the said barrier layer having a thickness of not over 10 microns and a resistance of at least 100,000 ohms.

2,105,204
ELECTRIC LOCK
William Wagner, Brooklyn, N. Y., assignor of one-fifth to Clementine De Giuli, Brooklyn, N. Y.
Application February 20, 1937, Serial No. 126,739
5 Claims. (Cl. 200—44)



1. A lock of the character described including a casing, cylinder and tumblers, a pair of spaced pins carried by the cylinder but insulated therefrom, said pins extending into the keyway of the cylinder and to a position beyond the periphery of the cylinder, an insulated contact continually engaging one of said pins, an insulated contact positioned in the path of movement of the other of said pins, and a key of insulating material formed with a pair of electrically connected contacts adapted to engage one end of the respective pins carried by the cylinder when the key has been inserted sufficiently to rotate the cylinder.

2,105,205
HIGH-FREQUENCY ELECTRICAL TRANSMISSION SYSTEM
Eric Lawrence Casling White, Hillingdon, England, assignor to Electric & Musical Industries Limited, Middlesex, England, a company of Great Britain
Application August 30, 1935, Serial No. 38,529
In Great Britain August 31, 1934
7 Claims. (Cl. 178—69)



1. A high frequency electrical transmission system comprising a transmission line having two conductors, a source of electrical signal variations connected between said conductors, said system being of the kind that spurious potential differences can be imposed between said conductors and ground by uncontrolled outside agencies, a thermionic valve terminal circuit having two input terminals arranged at a point remote from said source, non-inductive coupling means arranged between said conductors and said input terminals, an output circuit having a point therein connected to ground, and means forming part of said terminal circuit for feeding to said output circuit signal variations derived from said source substantially free from said spurious potential differences.

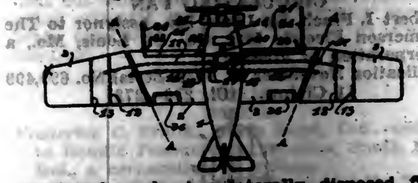
2,105,206
FOUR-IN-HAND TIE
Isadore D. Wolfson, Woodmere, N. Y.
Application May 14, 1937, Serial No. 142,605
3 Claims. (Cl. 2—146)

1. A four-in-hand necktie comprising two plies of fabric only, each ply having apron portions at the ends and an intermediate narrow neck band portion, one of said plies forming the front of the tie and the other the lining and facing at the back of the tie, the said plies being of substantially the same shape and of approximately

equal length, and said plies united at and adjacent the apron ends by stitching, and the intermediate portions folded to overlap and united by slip-stitching.



2,105,207
AIRPLANE WITH FLOATING WINGS
John Akerman, Chicago, Ill., assignor, by mesne assignments, to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application May 27, 1935, Serial No. 23,702
1 Claim. (Cl. 244—46)



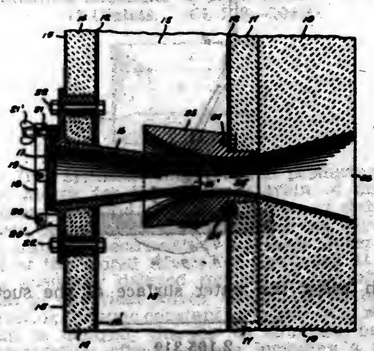
An airplane having laterally disposed fixed wings, ailerons at the tips of said fixed wings for lateral control, movable wings hinged to the outer extremities of said fixed wings, to swing about axes that converge aft of the airplane, whereby a downward swing increases the angle of incidence, and an upward swing decreases it, a release mechanism operable by the pilot for simultaneous release of said movable wings, leaf springs tending to hold said movable wings at a certain angle of incidence, dampers interposed between said fixed wings and said movable wings, and means to manually vary the angle of incidence of said movable wings.

2,105,208
MOMENTUM ACTUATED SLED BRAKE
Robert N. Brickner, New York, N. Y.
Application December 9, 1935, Serial No. 53,526
15 Claims. (Cl. 188—3)



1. A gravity actuated sled having base runners and a braking skid mounted between the runners and having a bearing surface exceeding that of the runners, said skid being pivotally supported on the sled to normally be out of engagement with the road when the runners are engaged therewith and to be forced rearwardly when released from the normal position to engage the road commencing at one end thereof to disengage the runners from the road.

2,105,209
FURNACE
Hugh E. Carleton, Carteret, N. J., assignor to Foster Wheeler Corporation, New York, N. Y., a corporation of New York
Application July 7, 1936, Serial No. 89,287
18 Claims. (Cl. 126—190)



2. In a furnace having an air duct outside at least one wall thereof, means for observing combustion and internal furnace conditions comprising a nozzle in a wall of the furnace, and a sight tube having a tapered portion extending through the wall of the air duct and having its inner end so disposed with respect to the nozzle that fluid flow through the latter causes air flow inwardly through the tube.

2,105,210
AGGLUTINANT
Isidor Chesler, New York, N. Y., assignor to Eagle Pencil Company, a corporation of Delaware
No Drawing. Application April 14, 1934, Serial No. 720,378
22 Claims. (Cl. 106—10)

1. A physically and chemically heterogeneous agglutinating material substantially composed of diversely and partially etherized cellulose of the character, presenting in aqueous admixture, small stringly structures of less soluble character distributed in a more soluble homogeneous carrier.

2,105,211
SPEED INDICATOR FOR WATERCRAFT
Jan Carl Clason, Stockholm, Sweden, assignor to Aktiebolaget Axmega Agenturer, Stockholm, Sweden
Application April 4, 1934, Serial No. 719,053
In Sweden April 7, 1933
4 Claims. (Cl. 73—123)

1. Speed indicator for water craft having a suction head adapted for being placed on the outside of a vessel below the water line, a vacuum meter and a conduit connecting the suction head with the vacuum meter, said suction head being provided with a passage communicating with the conduit and ending in a port in the outside of the head, said head being streamlined and said port being located on the top of the streamlined head, which lets the water pass past the port at forward as well as at backward motion of the vessel, there being an opening for admission of air in the conduit and means for adjusting the size of the air opening, a constriction in the conduit at a point between the opening and the vacuum meter, said vacuum

meter having means for compensating for differences in pressure due to the differences in



depth below the water surface of the suction head.

2,105,212
PALLADIUM NICKEL RUTHENIUM ALLOY
Sidney Cohn, New York, N. Y., assignor to Sigmund Cohn, New York, N. Y.
No Drawing. Application October 20, 1937, Serial No. 171,642
2 Claims. (Cl. 75—172)

1. An alloy comprising palladium, nickel and ruthenium in substantially the proportion of ninety per cent (90%) to ninety-eight per cent (98%) palladium, one per cent (1%) to nine per cent (9%) nickel, and nine per cent (9%) to one per cent (1%) ruthenium.

2,105,213
CONTAINER
Marion M. Cunningham, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application May 11, 1936, Serial No. 79,860
4 Claims. (Cl. 206—65)



1. A securing member for brake shoes or the like comprising a flexible metallic plate adapted to be fitted to the convex surfaces of a stack of shoes and having securing ears adapted to be bent into securing relation to the shoes to maintain them in alined relation.

2,105,214
BALLCOCK
James F. Duncan and Edward H. Barlow, Waterbury, Conn.
Application May 2, 1934, Serial No. 723,460
7 Claims. (Cl. 137—164)

1. A device of the character described, including in combination a valve casing having an inlet connection and also having a discharge connection and a valve for controlling the inlet connection to control the passage of water through the valve casing to the discharge connection, means for actuating the valve including a bracket supported upon the casing, a valve operating lever pivotally connected to the bracket, one arm of the lever having an operative connection with the valve and the other arm of the lever being elongated, an actuating member pivotally connected to said bracket and adapted to be connected to a float for operation thereby, said actu-



ating member having an arm extending upwardly therefrom provided with an aperture therethrough to receive the longer arm of the first mentioned lever and adapted to engage the upper and lower edges of the same when the float rises or falls so as to cause said first mentioned lever to operate the valve.

2,105,215
CIRCULATING FAN
Herbert L. Finch, St. Louis, Mo., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo., a corporation of Missouri
Application November 24, 1933, Serial No. 699,499
11 Claims. (Cl. 230—273)

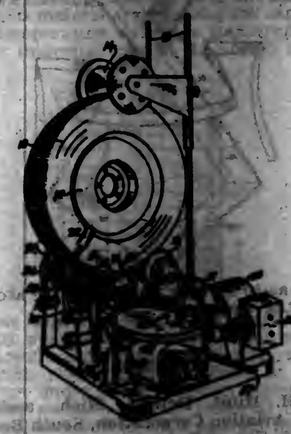


1. In a circulating fan including a motor and an impeller secured to the shaft of the motor, a base, a support having a plurality of loop members at least one of which is directly clamped thereto, a plurality of transverse members joining said loop members, such of said loop members as are clamped to the base, and said transverse members being resilient and of relatively small cross section to absorb vibration from the motor and impeller, and being fabricated to form a guard for the impeller, and a plurality of flexible members secured to one of said loop members and to the motor for supporting the motor therefrom.

2,105,216
TIRE CUTTING MACHINE
Herbert J. Fleming, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application June 25, 1935, Serial No. 28,230
14 Claims. (Cl. 90—15.1)

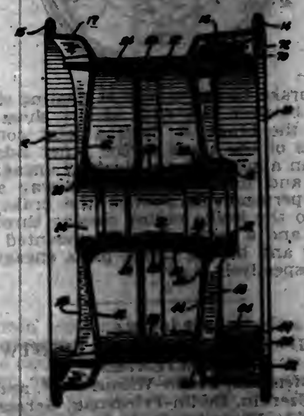
1. In a tire slotting machine, a tire having a

road engaging surface, a single source of power, a cutting element, yielding means urging the cutting element into engagement with the tire, means to prevent the cutting element from cutting beyond a predetermined depth, means to move the cutting element transversely across the



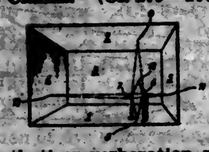
road engaging surface of the tire, a flywheel indexing means operated by said power means to rotate the tire a proper amount to receive the next cut when the cutting element approaches either extreme position, a manually operable brake associated with the flywheel to stop the machine.

2,105,217
WHEEL
Frederick C. Frank, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application November 19, 1934, Serial No. 753,593
4 Claims. (Cl. 301—6)



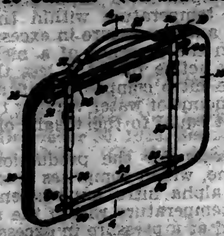
1. A drop-center airplane wheel comprising two main cast sections, a hub portion carried by each section, screw threads formed in a portion of one of said hub sections, locking means including a threaded sleeve having an abutment slidable through a portion of the other of said hub sections and engaging the threads in said hub section, and means including a pin to lock the sleeve against rotation, relative to said other hub section.

2,105,218
SYNTHETIC REVERBERATION SYSTEM
Alfred N. Goldsmith, New York, N. Y.
Application December 6, 1935, Serial No. 53,159
13 Claims. (Cl. 179—100.2)



1. In a synthetic reverberation producing system, means for translating a train of directly propagated sound waves into a train of electrical waves, electrical means for storing the effects of the train of electrical waves, means under control of the stored effects for producing at least two unequally delayed replicas of the original train of electrical waves, means for accurately adjusting the time constant by which each replica train is delayed, thereby to simulate natural reverberation effects, means including a mixer circuit for obtaining a composite wave train the components of which include the original train and the replica trains, and means for so controlling the amplitudes of the respective replica trains that they are caused to simulate successive echo effects in an auditorium.

2,105,219
BAG
Charles L. Hedden, Newark, N. J., and Nicholas Cherkasoff, New York, N. Y.
Application November 18, 1932, Serial No. 643,568
10 Claims. (Cl. 224—46)

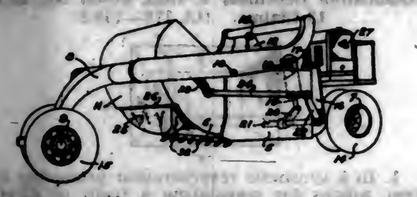


6. A bag suitable for carrying as a knapsack and provided with a slide fastener closure at one end and a slide fastener closure across the back of the same, said bag having loops at the upper edge and at the lower portion of the same and carrying straps engaged at opposite ends with said upper and said lower loops and thereby adapted to be passed over the shoulders and beneath the arms for carrying purposes, leaving both the end slide fastening and the back slide fastening accessible for use without removing the bag from said supported position on the shoulders.

2,105,220
SCRAPER
Julius P. Heil, Milwaukee, Wis., assignor to The Heil Co., Milwaukee, Wis., a corporation of Wisconsin
Application September 25, 1935, Serial No. 41,972
1 Claim. (Cl. 37—141)

In a scraper, a bowl provided with an inclined bottom having a front substantially vertical end

surface movable along the ground, a plate of uniform transverse cross-section secured to said bottom and having a continuous rectilinear scraping edge provided with a more abruptly inclined elevating surface projecting forwardly beyond said bowl end, a plurality of laterally spaced teeth each having a recess snugly fitting the adjacent



forwardly projecting plate edge portion, and common fastening means for securing said plate and said teeth to said bowl, each of said teeth having an elevating surface inclined less than the elevating surface of said scraping edge and also having a rear portion abutting directly against said bowl end to relieve said attaching means of shearing stress.

2,105,231
HYDROGENATION OF ALPHA-NITRONAPHTHALENE

Clyde O. Henke, Wilmington, Del., and Roland George Benner, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application October 19, 1935, Serial No. 45,826

11 Claims. (Cl. 260—130.5)

3. The process for the production of alpha naphthylamine, which comprises reacting in the liquid phase alpha nitro naphthalene with hydrogen at a temperature within the range of 75 to 110° C. and a pressure in excess of 350 lbs. per sq. in., in the presence of a nickel catalyst in which the active nickel is less than 2% by weight of the nitro compound and in the presence of an amount of water varying from a trace to an amount equal to the weight of the nitronaphthalene.

8. The process for the production of alpha naphthylamine, which comprises reacting in the liquid phase alpha nitro naphthalene with hydrogen at a temperature within the range of 75 to 110° C. and at a pressure in excess of 350 lbs. per sq. in., in the presence of a nickel catalyst in which the active nickel is less than 2% by weight of the nitro compound and in the presence of an amount of water varying from a trace to an amount equal to the weight of the nitronaphthalene and an alkaline substance in an amount less than 3% by weight of the nitro compound.

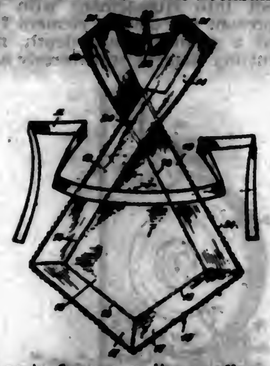
2,105,233
APRON

Florence F. Hert, New York, N. Y.

Application December 18, 1936, Serial No. 116,460

2 Claims. (Cl. 2—48)

1. In an apron, a bib portion and a pair of neck-encircling members extending upwardly from adjacent the top of the bib portion so as to cross over each other and extend upwardly at diverging angles, said members being free from connection at the points of crossing and being connected together for only a portion of the distance of their width at their ends so as to be adjustable to various sizes, and said members being formed with downwardly depending flaps adapted to be inserted in the neckband of a gar-



ment so as to form a unitary collar around the neck of the wearer.

2,105,282
BRAKE

George H. Hunt, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware

Original application September 16, 1933, Serial No. 689,782, now Patent No. 2,074,727, dated March 23, 1937. Divided and this application February 20, 1936, Serial No. 66,831

2 Claims. (Cl. 188—78)



1. A brake having a pair of floating shoes, an anchor between the ends of the shoes at one side of the brake, a floating joint connecting the ends of the shoes at the other side of the brake, an applying lever pivotally engaging said anchor and formed with a slideway approximately perpendicular (when the brake is applied) to the brake radius passing through the anchor, and a device movably mounted in said slideway and having thrust parts engaging said shoes respectively.

2,105,324
METHOD OF PRODUCING LIGHTWEIGHT MATERIAL

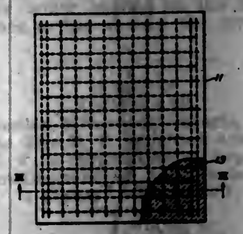
Erik Hüttemann, Berlin-Wilmersdorf, and Wolfgang Czernin, Berlin-Friedenau, Germany, assignors to Frederick O. Anderegg, Forest Hills Boro, Pa.

Application April 28, 1934, Serial No. 722,324

In Germany August 16, 1933

3 Claims. (Cl. 18—48)

1. The method of producing light weight artificial material, which comprises intimately intermixing with water pulverized calcium oxide or hydroxide and siliceous materials in proportion varying from about equal parts by weight of the calcareous and siliceous materials to about one part of calcareous material to about three parts of siliceous material, the proportion of water by weight exceeding the weight of the calcareous and siliceous materials, subjecting the same to an elevated temperature to form a thixotropic mass, thereafter intermixing with the stated resulting



thixotropic mass light weight aggregate in a proportion by weight less than the stated weight of the calcareous and siliceous materials, and subjecting such resulting intermixture to elevated temperature under steam pressure, thereby deriving a light weight artificial material of three-dimensional skeleton of solid calcium hydro-silicate reinforced by the stated aggregate, the stated derived artificial material having substantially uniformly distributed pores.

2,105,325
GRAIN SCOURING MACHINE

John A. McBrady, Valley City, N. Dak.

Application January 12, 1936, Serial No. 58,805

7 Claims. (Cl. 53—23)



6. A grain scouring machine including a vertically extending shaft, a plurality of spaced reticulate discs attached to said shaft, one above the other, means operated by the shaft for throwing the grain deposited upon the discs outwardly therefrom by centrifugal force, enclosing means extending about said discs and against which the grain is projected, hoppers for collecting the grain discharged from each of said discs and depositing it upon the discs immediately below the same, funnels disposed below said reticulate discs for collecting the screenings passing through said discs, and means for collecting the screenings from all of said funnels.

2,105,326
DYE SOLUTION

Eugene A. Markish, Jersey City, and Julius Miller, Newark, N. J., assignors to Pharma Chemical Corporation, New York, N. Y., a corporation of New York.

No Drawing. Application December 19, 1933, Serial No. 703,070

18 Claims. (Cl. 8—6)

1. A process for producing a stabilized clear solution of dye compositions which comprises adding an amino acid to a solution of a dye composition consisting of a stabilized diazo compound and a coupling component.

9. A process for producing a stabilized clear aqueous solution of dye compositions which comprises adding urea and diethylene-glycol-monoethyl-ether to a solution of a dye composition consisting of a stabilized diazo compound and a coupling component.

2,105,327
WALL AND CEILING PARTITION TIE

Denis McNamara, New York, N. Y.

Application April 2, 1937, Serial No. 134,501

2 Claims. (Cl. 72—106)



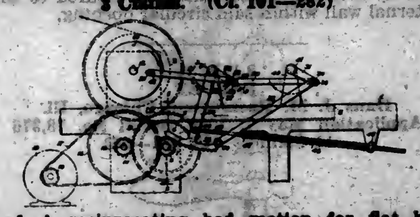
2. In combination a tie strip, a partition, means for securing said tie strip to a wall, and a filling of mortar interlocking with said partition and embedding said strip.

2,105,328
RECIPROCATING BED MOTION FOR FLAT BED PRESSES

Frederick R. Meltzer, New York, N. Y.

Application December 30, 1936, Serial No. 118,287

3 Claims. (Cl. 101—232)



1. A reciprocating bed motion for flat bed presses including a rack secured to the bed of the press, a gear wheel continually meshing with said rack, means for driving said gear wheel, means actuated by the impression cylinder of the press for actuating said means, and a spring member cushioning the motion of said means.

2,105,329
MECHANICAL LOADER AND UNLOADER

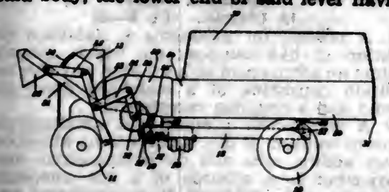
Wasyl Orlowsky, New York, N. Y.

Application March 5, 1937, Serial No. 129,239

2 Claims. (Cl. 214—75)

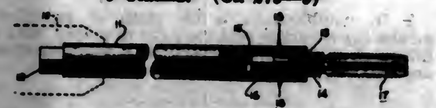
1. In a device of the class described having a tiltable body pivotally mounted on the rear end of the chassis of the device, a crank rotatably

mounted on the chassis, means for rotating said crank, a link pivotally connected on the end of said crank, the end of said crank being rotatable from a position below a horizontal line through the axis of rotation of said crank to a position above said line, a lever removably and pivotally secured at its upper end to the forward portion of said body, the lower end of said lever having



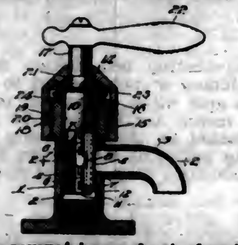
a longitudinal slot therein, a pin having a head at one end and a screw thread at the other end passing through the adjacent ends of said crank and link, said head having a diametrical key on its outer side, said lever being connected to said crank by registering said key in said slot, said lever when so connected being raised upon upward rotation of the said end of said crank to lift said forward end of said body.

2,105,220
TOOL HOLDER
Walter H. Pagenkopf, La Grange, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Application January 10, 1935, Serial No. 1,165
9 Claims. (Cl. 279—9)



1. A tool holder comprising a body section having a circular opening endwise thereof, a spring coil having intermediate convolutions normally disposed in a contracted condition, and terminal convolutions distended to an enlarged diameter and in their distended condition secured to the internal wall within said circular opening.

2,105,231
FAUCET
Hans J. M. Rasmussen, Chicago, Ill.
Application May 7, 1936, Serial No. 78,376
11 Claims. (Cl. 251—96)



1. A valve comprising a sheet of resilient metal bent into the form of a cylindrical sleeve, the said sheet having at the meeting edges ears that extend inwardly and cross each other, the ears preventing said edges from shifting relatively to each other lengthwise of the sleeve but permitting the sleeve to expand and contract freely.

2,105,232
BUMPER FOR HEDGE SHEARS
Frederic H. Rauh, South Orange, N. J., assignor to J. Wiss & Sons Co., Newark, N. J., a corporation of New Jersey
Application August 14, 1937, Serial No. 159,055
3 Claims. (Cl. 30—271)



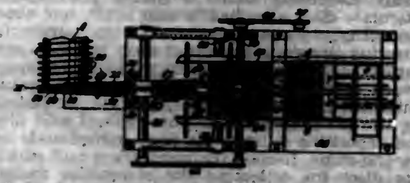
1. The combination, between the shanks of a pair of shears of a pair of yieldable rubber cushions, inclosed within metal shields, said shields being slidably and swingably mounted upon the shanks.

2,105,233
DUPLEX SEPARABLE FASTENER
Leo Reseman, Newark, N. J.
Application February 22, 1936, Serial No. 66,190
3 Claims. (Cl. 24—203)



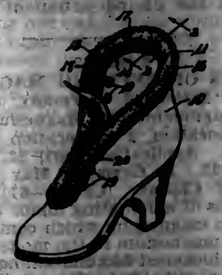
1. In a fastener the combination with two parts of flexible material to be connected, of complemental sets of head and socket fastener elements, each set including a head element and a socket element complemental to fastener elements of the other set and secured on one of said parts in closely spaced relation to each other with the axes of their heads and sockets perpendicular to the planes of said parts, so that when tension is applied to said parts in their own planes while the fastener is in use, the flexibility of the material of said parts between the respective fastener elements permits relative movement of the fastener elements of each set to cause said elements mutually to restrain tilting of each other.

2,105,234
BRUSH FORMING APPARATUS
Rees T. Scully and Walter S. Lang, Pittsburgh, Pa.
Application December 14, 1935, Serial No. 54,467
12 Claims. (Cl. 300—3)



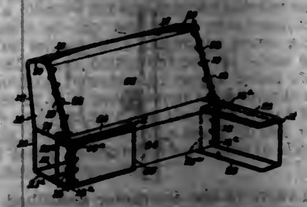
1. In brush making apparatus, means for supporting and rotating a brush core, a screw conveyor including a pair of screw threaded members leading directly to the core for conveying and depositing bristles onto the core, a bristle bending disk disposed intermediate the ends of the conveyor between the screws and cooperating therewith for bending and looping bristles prior to deposit on the core, said screw members being closely spaced to engage opposite sides of the loop portions of the bristles, and means for feeding a wire under tension to the bristles, said bending disk acting against the tension on the wire.

2,105,235
FOOTWEAR
Pearl Y. Smiley, Kitchener, Ontario, Canada, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application December 10, 1936, Serial No. 115,200
4 Claims. (Cl. 36—7.3)



1. An article of footwear comprising an upper, a fur strip having a binding strip at an edge thereof, the fur strip being secured in substantially edge-on relation of its bound edge to the edge of the upper by stitches passing through the fur strip, the binding strip and upper, and the fur strip being stitched at its other margin to the outer face of the upper so that the fur-strip is held bent over from the edge of the upper and to the outer face thereof, and, whereas the edge of the upper is concealed by the fur, substantially no ridge of fur is presented to rub against the stocking of the wearer.

2,105,236
BACK REST
Dorothy S. Smith, New York, N. Y.
Application April 4, 1936, Serial No. 72,677
3 Claims. (Cl. 5—337)



1. A device of the class described comprising a wire frame back rest, a plurality of independent, spaced apart back engaging members tautly positioned across the front of said back rest, and arm rests hingedly connected to opposite sides of the wire frame back rest, said arm rests having arm-engaging pads and being adapted to be folded substantially within the confines of the back rest, with the arm-engaging pads passing between the back engaging members.

2,105,237
PERMUTATION PADLOCK
Harry E. Soref and James Keith Marshall, Milwaukee, Wis., assignors to Master Lock Company, Milwaukee, Wis., a corporation of Wisconsin
Application February 4, 1937, Serial No. 123,998
9 Claims. (Cl. 70—25)



1. In a permutation padlock, the combination of a shackle, shackle-locking means including a rotatable tumbler movable to release said shackle, and a shiftably mounted member directly engageable with said tumbler and shackle and disposed in the path of movement of a portion of said shackle to rotate said tumbler out of unlocking position upon the locking movement of said shackle.

2,105,238
ROPE MAKING MACHINE
Charles C. Sunderland, Trenton, N. J., assignor to John A. Roebling's Sons Company, Trenton, N. J., a corporation of New Jersey
Application August 3, 1927, Serial No. 210,233
46 Claims. (Cl. 117—16.5)



1. In a wire strand or rope making machine, a tension mandrel about which the wires or strands are wrapped helically, in combination with adjustable means for varying the angle of the wires or strands on the mandrel, means for drawing the wires or strands along the mandrel, and strand or rope closing means.

2,105,239
PORTABLE DISPENSER FOR BEVERAGES
Charles W. Sweitzer, Shawnee, Okla.
Application February 1, 1937, Serial No. 123,469
1 Claim. (Cl. 225—1)

A portable dispenser comprising a container having an opening in its top wall and provided in the bottom wall thereof with an offset directly

under said opening to form a sump, a pump extending into the container by way of said opening and terminating within the sump for dispensing beverages from the container in desired amounts, a perforated receptacle for holding a cooling and carbonating substance, anchoring means carried



by the wall of the container and detachably engaging said receptacle, said receptacle being of such size as to be readily passed through said opening to permit insertion and removal of the receptacle into or from its normal position, and means for supporting the container on a person.

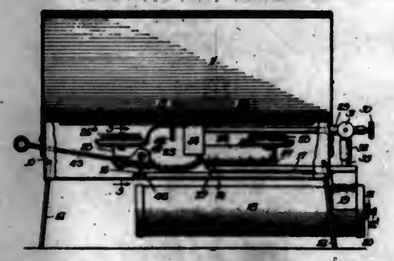
2,105,240

PORTABLE STOVE

Anton J. Yeager, Wisconsin Rapids, Wis., assignor to Prentice-Wabers Products Co., Wisconsin Rapids, Wis., a corporation of Wisconsin

Application June 8, 1936, Serial No. 84,662

7 Claims. (Cl. 126—38)



3. In combination with a housing having an opening in the end wall thereof, a track in the lower part of said housing extending longitudinally thereof and terminating adjacent the opening in the end wall, a cooperating track member, a fuel burner assembly on said track member, a fuel tank connected to said track member at one end thereof, a stop on the inner end of said track, and a co-acting stop member adapted to engage said stop on the valve assembly.

2,105,241

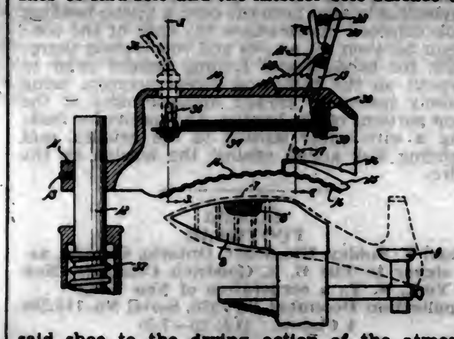
METHOD OF ATTACHING SOLES TO SHOES

Joseph Amico, Detroit, Mich., assignor to Motor City Tool Co., Inc., a corporation of Michigan

Original application July 15, 1931, Serial No. 550,859. Divided and this application June 22, 1934, Serial No. 731,966

4 Claims. (Cl. 12—142)

1. The method of attaching porous leather to shoes comprising the steps of placing a cement-treated sole on the bottom of a shoe, applying sole-attaching pressure to said sole and simultaneous with the application of such pressure exposing an appreciable area of the outer surface of said sole and the interior sole surface of



said shoe to the drying action of the atmosphere.

2,105,242

PROCESS OF REFINING MAGNESIUM

Adolf Beck, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation, a corporation of Delaware

No Drawing. Application April 23, 1936, Serial No. 76,005. In Germany May 10, 1935

2 Claims. (Cl. 75—67)

1. A process of eliminating minor quantities of calcium from magnesium which comprises treating the said magnesium in the molten state with a molten unthickened flux containing magnesium chloride in a quantity substantially exceeding the quantity required to convert all the calcium present in the magnesium into calcium chloride, according to the equation

$$Ca+MgCl_2=Mg+CaCl_2$$

while vigorously stirring the mixture, and after the calcium content of the magnesium has been substantially converted into calcium chloride, incorporating an inspissating agent in the residual flux so as to promote separation of said flux from said magnesium.

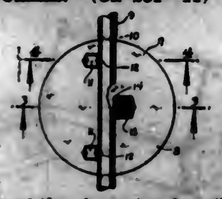
2,105,243

BUTTERFLY VALVE

Stephen F. Briggs, Detroit, Mich., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware

Application September 16, 1936, Serial No. 101,122

3 Claims. (Cl. 251—11)



1. In a valve of the character described, a stem having a transverse slot, a disk disposed in the slot, and means for holding the disk in the slot comprising opposed sets of abutments on the stem and disk, one of the stem carried abutments being inclined and the cooperating disc carried abutment being resilient and the direction of inclination of said inclined abutment being such that the resiliency of its cooperating disc carried abutment holds the parts securely against shifting.

2,105,244

GASEOUS FUEL BURNER

Donald A. Campbell, Rockford, Ill., assignor to Garnet W. McKee, Rockford, Ill.

Application October 12, 1936, Serial No. 105,367

7 Claims. (Cl. 158—115)



1. In combination with a tube-like burner member having one end thereof adapted for connection to a tuyère in a furnace wall and its other end adapted to receive gaseous fuel under pressure, and embodying a longitudinal fuel passage therethrough with an inwardly tapered mouth adjacent to said other end, an igniting device for the burner member comprising means forming an expansion chamber in communication with the passage, means for conducting a portion of the fuel from the mouth to the chamber, and means for igniting the fuel in the chamber.

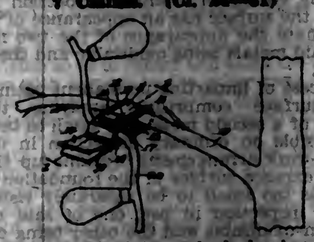
2,105,245

CLAMP

Charles W. Card, Aurora, Ill.

Application October 29, 1936, Serial No. 108,205

7 Claims. (Cl. 24—81)



1. A clamp embodying a body bent upon itself to form opposed spaced walls, one of which walls terminates considerably short of the end of the other, a tongue pivoted on the shorter wall and forming a closure for the space therebetween and on one side of the pivot, an extension on said tongue for swinging it about the pivot, a portion of said extension being shaped to form an open article holding recess, said recess being closed by the longer of said walls when said tongue is in an operative position to close the said space between said walls, and ears at the ends of the tongues, said ears being deflected at an angle to the tongue to reinforce the tongue.

2,105,246

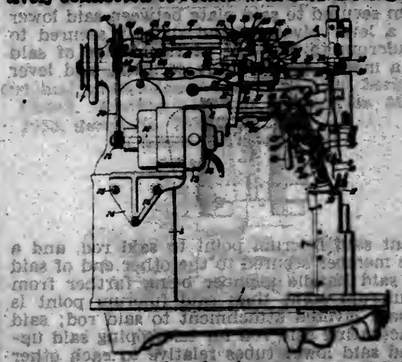
SEWING AND TRIMMING MACHINE

Frederic M. Card, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application May 12, 1936, Serial No. 79,231

4 Claims. (Cl. 112—237)

1. The combination with a sewing machine having a rotary actuating shaft, and stitch-forming mechanism deriving actuation from said shaft, of a trimmer mechanism comprising a reciprocatory trimmer-knife actuating bar, a driving shaft rotatable independently of said sewing machine actuating shaft, a counter-shaft operatively connected to rotate with said driving shaft,



a two-armed rocker having one arm operatively connected to said trimmer-knife actuating bar, an actuating member pivotally connected to the other arm of said rocker, and means carried by said counter-shaft for actuating said member.

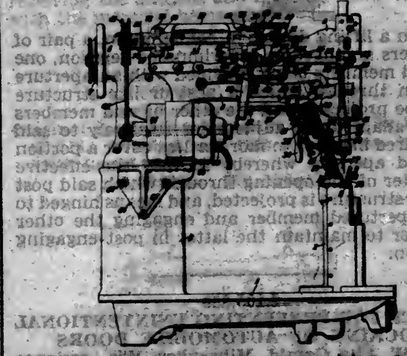
2,105,247

TRIMMING MACHINE

Frederic M. Card, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Original application May 12, 1936, Serial No. 79,231. Divided and this application January 19, 1937, Serial No. 121,280

9 Claims. (Cl. 164—47)



1. A trimmer mechanism comprising, a reciprocatory trimmer-knife actuating bar, a rocker shiftable lengthwise of its pivotal axis into and out of operative engagement with said bar, manually operable means for axially shifting said rocker, a rotary shaft, a crank-member carried by said shaft, a pitman embracing and restrained against movement axially of said crank-member, and an axially shiftable pivotal connection between said pitman and said rocker.

2,105,248

RAPID FOCUSING BINOCULAR

Guy E. Chesnut, Jr., St. Joseph, Mo.

Application June 2, 1936, Serial No. 83,290

2 Claims. (Cl. 88—24)

2. In a binocular having upper telescoping lens tubes connected parallel to each other by a

hinged bar and lower telescoping lens tubes connected parallel to each other by a hinged plate, a rapid focusing adjustment comprising, a rod slidably secured parallel to said lower tubes and having its upper end secured to said bar, a lever fulcrum secured to said plate between said lower tubes, a lever pivotally and slidably secured to said fulcrum to one side of the center of said lever, a means for pivotally securing said lever

adjacent said fulcrum point to said rod, and a handle member secured to the other end of said lever; said handle member being farther from said fulcrum point than said fulcrum point is from said pivoted attachment to said rod; said lever actuating said rod for telescoping said upper and said lower tubes relative to each other when said handle member is actuated in approximate direction of the telescoping action of said tubes.

2,105,249
BATTERY CARRIER
Vernon B. Dawson, Wilmington, Del.
Application March 28, 1936, Serial No. 71,622
3 Claims. (Cl. 294—92)



1. In a lifting device, in combination, a pair of members arranged in superimposed relation, one of said members being provided with an aperture therein through which a post or like structure may be projected and the other of said members being adapted for adjustment relatively to said apertured member to more or less cover a portion of said aperture whereby to vary the effective diameter of the opening through which said post or like structure is projected, and means hinged to said apertured member and engaging the other member to maintain the latter in post-engaging position.

2,105,250
DEVICE FOR PREVENTING UNINTENTIONAL LOCKING OF AUTOMOBILE DOORS
John W. Fitz Gerald, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware
Application June 7, 1935, Serial No. 25,447
19 Claims. (Cl. 70—441)



1. In combination with an automobile door and a key controlled ignition lock for the automobile, means adapted to be rendered operative to prevent locking the door, and a control for said means regulated by the presence or absence of a key in the ignition lock.

2,105,251
SAFETY RAZOR
George Greenstein, Long Island, N. Y.
Application November 4, 1935, Serial No. 48,067
7 Claims. (Cl. 30—51)



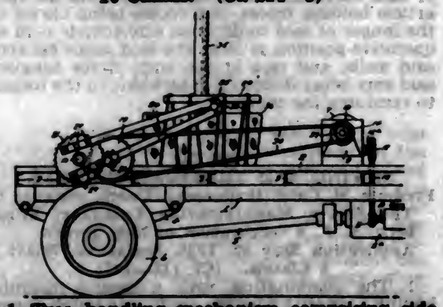
1. A razor comprising a head portion consisting of pivotally engaged members, and a handle for the razor, pivotally connected to one of said members, said razor handle being provided with cam means for positively rocking the other of said members toward and away from blade clamping relation when the handle is rocked.

2,105,252
METAL SURFACE
Henry H. Harris, Boston, Mass.
No Drawing. Application July 31, 1934, Serial No. 737,760
10 Claims. (Cl. 91—68.1)

3. An article of manufacture having a foundation surface of one metal and an open-work plating of another metal applied thereon, the particles of applied metal and the visible areas of foundation metal each being too small to be separately visible on ordinary inspection in use whereby the surface has an appearance of a tone intermediate the appearance of the two metals, one of said metals being oxidizable and the other stainless.

6. Process of imparting permanent patina to a metal surface comprising applying thereto particles of a second metal, too small to be separately visible on ordinary inspection in use, in an open-work arrangement breaking up the remaining exposed surface of the foundation metal into areas too small to be separately visible on ordinary inspection in use, one of said metals being non-oxidizable and the other being oxidizable.

2,105,253
TREE LOADING AND UNLOADING MECHANISM
Charles F. Irish, Bratenahl, Ohio
Application November 30, 1936, Serial No. 113,273
10 Claims. (Cl. 214—3)



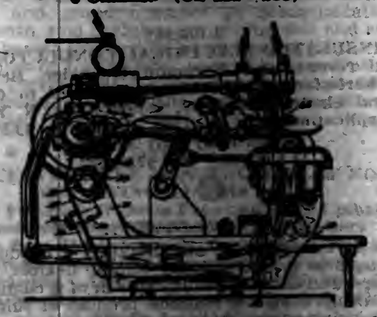
1. Tree handling mechanism comprising side members, a cross member uniting corresponding ends of said side members and a yoke pivotally mounted on said cross member and comprising a framework having a slotted opening for the reception of the trunks of trees, said yoke constituting means for securing the root mass of a tree thereto, and means for imparting rotary movement to the said arms thereby to bring the yoke into operative relation to a tree and its root mass and to enable it to deposit the tree and its root mass upon a suitable support.

2,105,254
BALL BEARING SKATE WHEEL
William F. Meerle, Torrington, Conn., assignor to Union Hardware Company, Torrington, Conn., a corporation of Connecticut
Application December 2, 1933, Serial No. 700,697
2 Claims. (Cl. 308—191)



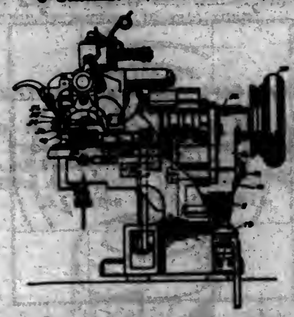
1. A roller skate wheel comprising a rotating member with a tread surface, two separated cup-like members arranged with bearing faces facing outwardly away from each other and toward the axis of the wheel; two cone members arranged coaxially with respect to the cup-like members but spaced therefrom and having bearing faces facing inwardly; ball bearings disposed between the respective cone members and the corresponding cup-like members; each of said cone members having a thin flange on its inner end, said flanges being disposed in overlapping relationship so as to center and align the one cone member with respect to the other cone member, said overlapped flanges being spaced from the rotating member and cup-like members and being adapted to melt under passage of a current of electricity so as to cause autogenous welding of one with the other, the bearing portions of said cone members being of harder material than the inner flanged portions and also being spaced a sufficient distance from said inner portions so as not to be affected by the heat of the welding.

2,105,255
SEWING MACHINE FRAME STRUCTURE
Paul P. Kessler, Chicago, Ill.
Application February 19, 1936, Serial No. 64,046
6 Claims. (Cl. 112—256)



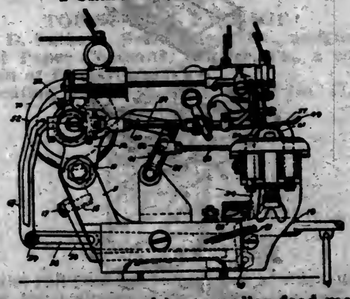
1. In a sewing machine frame structure, a body member having a lower portion and a separate upper portion, and adjustable means movably attaching said lower and upper portions, said means permitting lateral adjustment of the upper portion for desired off center stitching.

2,105,256
SEWING MACHINE
Paul P. Kessler, Chicago, Ill.
Original application February 19, 1936, Serial No. 64,046. Divided and this application May 5, 1936, Serial No. 78,850
3 Claims. (Cl. 112—176)



1. In a sewing machine comprising a needle and a looper, an upper pressure plate having a slot, a vertically disposed elongated guide member projecting centrally within said slot, a removable member inserted within said slot, said member having a channelled portion disposed above said guide and cooperating therewith for receiving and guiding adjacent edges of material being sewed, and a tapered point on said member for receiving the stitches and delaying their contact with the material being sewed.

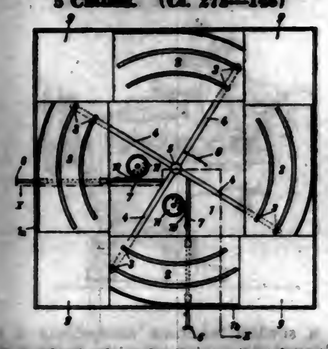
2,105,257
SEWING MACHINE
Paul P. Kessler, Chicago, Ill.
Original application February 19, 1936, Serial No. 64,046. Divided and this application May 5, 1936, Serial No. 78,851
4 Claims. (Cl. 112—214)



4. In a sewing machine, a roller feed member, a ratchet wheel and roller clutch operatively connected with the roller feed member, a drive shaft, a pawl for actuating said ratchet wheel, adjustable means driven by said drive shaft and operatively connected with said pawl, drive connections between said drive shaft and said roller clutch, means for throwing said pawl into and out of driving engagement with said ratchet wheel and means for throwing said drive connections into and out of driving connections with

said roller clutch, said roller feed member advancing the fabric for predetermined length of stitches when operated by said ratchet wheel and pawl mechanism and advancing the fabric for lengths of stitches intermediate said predetermined lengths when operated by said roller clutch.

2,105,258
CARD PLAYING APPARATUS
Elmer Wilhelm Larsson-Lotzén, Malmo, Sweden
Application October 6, 1936, Serial No. 104,218
5 Claims. (Cl. 272—146)



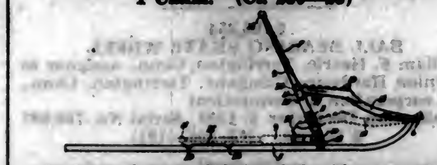
1. A card playing device comprising in combination a number of card supporting means, a number of card collecting means, card displacing means for moving the cards from said card supporting means to said card collecting means, and actuating means for said card displacing means.

2,105,259
COMPOSITE BOX AND MANUFACTURE THEREOF
Frank Rodgers Neely, Allentown, Pa., assignor to A. H. Balliet Corporation, Allentown, Pa., a corporation of Pennsylvania
Application August 15, 1931, Serial No. 557,240
4 Claims. (Cl. 92—43)



1. The method of forming a composite drop lid end box comprising inner and outer shells and a wrap about the outer shell which consists in registering the blank for the outer shell upon the wrap, in registering the preformed inner shell upon the blank for the outer shell, in turning up the ends of the blank for the outer shell into glued engagement with the inner shell, in turning up the long sides of the outer shell into engagement with the inner shell, in subsequently turning up the ends of the wraps into engagement with the ends of the shell and continuing the operation as in normal wrapping.

2,105,260
ICE PUSHMOBILE
Henry Nedland, Starbuck, Minn.
Application May 19, 1937, Serial No. 143,475
1 Claim. (Cl. 280—33)



An ice and snow glider and the like comprising a front cross member, a pair of runners extending backwardly from said cross member, said runners comprising laterally flexible metal strips, a steering device pivotally connected to said runners rearwardly of said cross member, said steering device comprising a pair of uprights, a connecting bar extending between said uprights intermediate of their ends and having a T shaped bolt extending upwardly therethrough, and a seat device, the rear portion of which has an upwardly extending slot therethrough, said slot being so shaped that said T shaped bolt will pass therethrough when said slot and bolt are aligned, and said slot further being shaped to prevent passage of said bolt therethrough when the bolt and slot are not aligned.

2,105,261
COMPOUNDS OF POLYMERIZED ACRYLIC ACID OR ITS ESTERS WITH SULPHUR OR SELENIUM AND METHOD OF MAKING THE SAME
Paul Nowak, Berlin-Charlottenburg, Germany, assignor to General Electric Company, Schenectady, N. Y.
No Drawing. Application October 22, 1934, Serial No. 749,476. In Germany October 24, 1933
6 Claims. (Cl. 260—2)

1. The method of producing an artificial rubber resistant to the action of mineral oils and the like which comprises reacting a member of the class consisting of polymerized acrylic acid and polymerized esters of acrylic acid with an element of the group consisting of sulphur and selenium in the presence of a member of the class consisting of active gas soot and active magnesium silicate.

2,105,262
INSULATED ELECTRICAL CONDUCTOR
Paul Nowak and Hermann Hofmeier, Berlin-Charlottenburg, Germany, assignors to General Electric Company, Schenectady, N. Y.
Application July 26, 1935, Serial No. 33,896
In Germany July 30, 1934
4 Claims. (Cl. 173—264)



1. As an article of manufacture, a conductor enclosed in a mechanically strong, flexible, oil-, water-, and ozone-resistant sheath of a composition comprising the reaction product of sulphur with polymerized ester of acrylic acid in the presence of carbon.

2,105,263
SYNTHETIC COMPOUND AND METHOD FOR ITS PRODUCTION
Paul Nowak and Hermann Hofmeier, Berlin-Charlottenburg, Germany, assignors to General Electric Company, a corporation of New York
No Drawing. Application October 8, 1935, Serial No. 44,351. In Germany October 31, 1934
3 Claims. (Cl. 106—22)

1. A composition of matter for use in the construction of insulated electrical conductors and cables which comprises the following mixed components within the approximate range of proportions shown:

	Parts by weight
Acetone-insoluble polymer of acrylic acid ethyl ester	26.0–33.0
Diamyl phthalate	3.0– 8.0
Active gas soot	15.0–25.0
Inert, inorganic filling material	40.0–60.0
Beta-naphthol	0.5– 1.5
Sulphur	0.5– 1.5,

said composition of matter, in the vulcanized state, having the characteristic properties of being resistant to oil, water, ozone, corrosion and aging, being non-flowing at temperatures up to at least 60° C., and still flexible when in thin strip form at a temperature of minus 25° C.

2,105,264
RESINOUS THERMOPLASTIC MATERIALS
Paul Nowak, Charlottenburg, Germany, assignor to General Electric Company, a corporation of New York
No Drawing. Application April 27, 1936, Serial No. 76,700. In Germany May 2, 1935
3 Claims. (Cl. 106—22)

2. A composition of matter adapted to be extruded on a core, said composition consisting of a minor proportion of polymerized ethyl ester of acrylic acid and polyvinyl acetate, a major proportion of carbon and talcum, and less than one per cent by weight of the whole of beeswax.

2,105,265
ACCORDION
Roberto Pancotti, Nutley, N. J., assignor to Excelsior Accordion Manufacturing Co. Inc., New York, N. Y.
Application May 13, 1936, Serial No. 79,424
4 Claims. (Cl. 84—376)



1. An accordion comprising a bellows and a valve and sound chamber in communication therewith, said chamber comprising side and end walls having their adjacent portions at both ends and sides of the chamber merged into each other along curved lines forming curved wall portions or rounded corners at the ends and sides of said chamber.

2,105,266
PROCESS FOR THE MANUFACTURE OF NON-DEPOSITING LIQUID SOAPS
Louis Friedrich Wilhelm Pape and Hans Umbach, Duesseldorf-Benrath, Germany, assignors to the firm Henkel & Cie. Gesellschaft mit beschränkter Haftung, Duesseldorf, Germany
No Drawing. Application February 22, 1934, Serial No. 712,454. In Germany March 8, 1933
5 Claims. (Cl. 87—5)

1. In the manufacture of potash liquid soaps which normally involve a filtering or other purifying process, the step of incorporating with said soaps, which contain an inherently present material which imparts a turbidity to said soaps and tends to settle out of said soaps, a substantial quantity of a superfatting substance comprising a member selected from the group consisting of stearic acid, Montan wax, paraffin wax, wool fat, higher fatty alcohols, and higher alkyl ethers of glycol, glycerol, polyglycol and polyglycerol, said superfatting substance being present in sufficient quantity to impart a definite turbidity to said soap, and preponderating over the turbidity power of any normally sediment-forming material inherently present in said soap.

2,105,267
WRAPPER OR LABEL FOR TOILET PACKAGES
Philip D. Parsons, Swarthmore, Pa., assignor to Scott Paper Company, Chester, Pa., a corporation of Pennsylvania
Application August 29, 1933, Serial No. 687,355
2 Claims. (Cl. 229—87)



1. A wrapper or label to be applied to a roll-like package and having two opposite edges overlapping and sealed to each other to bind the wrapper or label on the package, said wrapper or label being made of paper having its grain extending substantially parallel to the axis of said package, said grain being sufficiently pronounced to induce a tear in a direction substantially parallel to the axis of said package when one of the unsealed edges of said wrapper is ruptured and pulled, and said unsealed edge being provided with a tab-like grasping and pulling means.

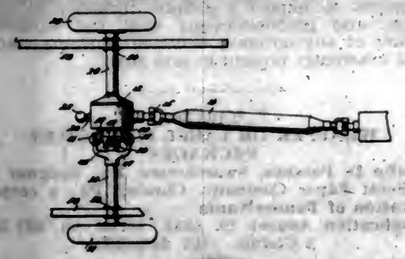
2,105,268
TOILET ROLL PACKAGE
Philip D. Parsons, Swarthmore, Pa., assignor to Scott Paper Company, Chester, Pa., a corporation of Pennsylvania
Application March 19, 1935, Serial No. 11,878
1 Claim. (Cl. 206—59)



A toilet roll package comprising a wrapper embracing the cylindrical surface of the roll, said wrapper extending beyond an end of the roll, and said extending portion of the wrapper being folded flat against the end surface, said folded portion of the wrapper being neatly fitted to said end surface by a uniformly spaced series of substantially symmetrical narrow and widely spaced radial box plaits, and a label overlying the inner ends at least of said plaits and being adhesively secured to the exposed surfaces of the plaits and to the portions of said wrapper between the plaits,

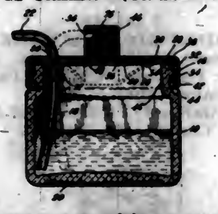
said label thereby securely retaining the said plaits in position and effectively sealing the package.

2,105,269
MOTOR VEHICLE
Clyde R. Paton, Birmingham, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application November 27, 1934, Serial No. 755,953
10 Claims. (Cl. 180—73)



1. In a motor vehicle, the combination with a vehicle frame, of road wheels disposed at opposite sides of said frame, axle units supporting the respective road wheels, means for pivotally supporting one of said axle units on said frame about an axis extending generally longitudinally of said frame and spaced laterally of the center line of the frame, means for pivotally supporting the other of said axle units on said first axle unit about an axis extending generally longitudinally of the frame and spaced laterally of the center line of the frame on the opposite side thereof from said first named axis, said axes being substantially equidistant from said center line, whereby each wheel will move through an arc of substantially the same radius in rising and falling, and yielding means acting between said frame and said units for resisting relative upward displacement of the latter.

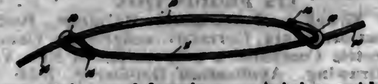
2,105,270
DISPENSER
Lawrence A. Paul, Los Angeles, Calif.
Application July 21, 1937, Serial No. 154,895
11 Claims. (Cl. 221—76)



1. A dispenser comprising a container having an opening, a closure detachably connected with the container for closing the opening, a diaphragm pinched between the closure and the container, a dispensing tube extending through the diaphragm in sealed relation therewith and through the closure, and an actuating element associated with the diaphragm and extending through an opening in the closure.

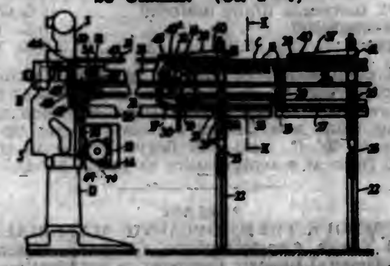
2,105,271
HAIR CURLER AND WAVER
Mary I. Peddle, Pawtucket, R. I.
Application May 7, 1936, Serial No. 78,503
1 Claim. (Cl. 132—38)

In a hair curler and waver, a pair of flexible elements, each element having a return bent portion at one end with the terminal end anchored to its element to form a closed loop, each end



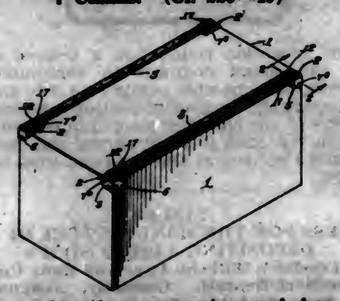
loop receiving and forming a retaining guide for the unlooped end of the other flexible element.

2,105,272
WIRE STITCHING MACHINE
William Andrew Pratt, Watford, England, assignor to The F. P. Rosback Company, Benton Harbor, Mich., a corporation
Application June 15, 1936, Serial No. 85,420
In Great Britain June 21, 1935
23 Claims. (Cl. 1—7)



1. A discontinuous wire-stitching machine which includes at least one stitcher head, a stitching saddle associated with said stitcher head, and means for feeding the work to said stitching saddle, said work-feed means comprising a travelling work carrier device which for purposes of adjustment is longitudinally displaceable relatively to said stitching saddle so that a gap of varying width is created between the adjacent extremities of said stitching saddle and said work carrier device, and an extensible bridging device adapted to bridge said gap.

2,105,273
COMBINATION CORNER PIECE AND SHOE CLAMP FOR BOXES
Ellwood Ritter, Norristown, Pa., assignor to The Continental-Diamond Fibre Company, Newark, Del., a corporation of Delaware
Application October 27, 1936, Serial No. 107,361
7 Claims. (Cl. 229—49)



1. A combination corner piece and shoe clamp for boxes and the like, comprising a corner piece adapted to be secured permanently to a corner of the box and to have a shoe member associated therewith, a shoe clamp adapted to fit over an end of said shoe member and serving with said corner

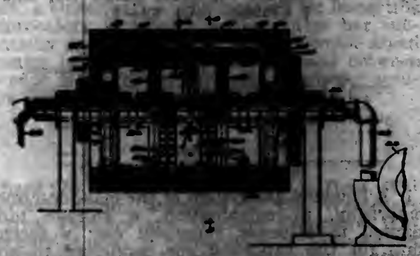
piece to hold the shoe member in place, means on said corner piece for fixing said clamp in position, and means for securing said clamp to the box.

2,105,274
TAIL DEVICE FOR AIRPLANES
Raymond Saulnier, Paris, France
Application November 7, 1936, Serial No. 109,779
In France November 9, 1935
4 Claims. (Cl. 244—109)



1. In an airplane having a body, a tail supporting device which comprises, in combination, a part adapted to run on the ground, a cylindrical member supporting said part, housed in said body and projecting downwardly therefrom, two annular supports for said cylindrical member adapted to cooperate with respective upper and lower portions thereof, said supports being arranged to permit rotation but to prevent axial sliding displacements of said member in said annular supports, two arms, both pivoted at one end to said supports respectively about parallel horizontal axes, said arms being pivoted at their other respective ends to said airplane body about axes parallel to the first mentioned ones and located on opposite sides of said cylindrical member, and a shock absorber interposed between a fixed point of said airplane body and a point of one of these arms so as to transmit the weight of said airplane tail to said part adapted to run on the ground.

2,105,275
BOX MAKING MACHINE
George R. Schoffey, Riverside, N. J., assignor to John D. Tennant, Philadelphia, Pa.
Application September 12, 1935, Serial No. 40,488
18 Claims. (Cl. 93—36.6)



1. In a machine for making covered box blanks, means for applying cover paper to shell material and pneumatic means for forming a temporary longitudinal groove or grooves in said cover paper substantially during application thereof to the shell material permitting transverse yielding thereof in setting up the box blank.

2,105,276
VALVE BAG
Douglas E. Scott, Chagrin Falls, Ohio, assignor to The Chase Bag Company, Cleveland, Ohio, a corporation of Delaware
Application December 12, 1936, Serial No. 116,668
4 Claims. (Cl. 229—62.5)



1. A bag ready for filling and having a bag opening, a paper valve sealing tube open at both ends and having its inner end affixed in the valve opening and having its outer end extending outward from said opening and designed to form a sealing closure at said outer end, said sealing tube having a flexible, pliable crinkled sleeve of less weight than said tube affixed therein.

2,105,277
FASTENING-INVERTING MECHANISM
Thomas H. Seely, Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application June 12, 1936, Serial No. 85,883
26 Claims. (Cl. 1—39)

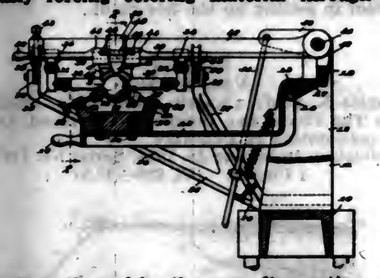


1. A fastening-inverting mechanism comprising a fastening-delivering conduit, a rotatable member having a surface in constant fastening-receiving relation to the conduit, a conduit receiving fastenings from said surface, and means for rotating the member continuously in one direction to deposit the fastenings inverted in the receiving conduit.

2,105,278
METHOD OF AND APPARATUS FOR DECORATING SPHERICAL AND OTHER ARTICLES HAVING CURVED SURFACES BY A STENCILING PROCESS
John C. Smith, Beaver, Pa., assignor to Solar Laboratories, a corporation of Pennsylvania
Application September 9, 1936, Serial No. 99,922
10 Claims. (Cl. 101—126)

1. The method of decorating a spherical article which consists in supporting said article for rotation about an axis, placing a semi-cylindrical stencil screen, the radius of curvature of which is equal to the radius of curvature of the article, in tangential line contact with said article,

and moving said screen axially while simultaneously forcing coloring material through the



interstices thereof by the spreading action of a squeegee.

2,105,379
AMUSEMENT DEVICE
Luther H. Smith, Murrells Inlet, S. C.
Application February 26, 1937, Serial No. 128,003
2 Claims. (Cl. 273—96)



1. An amusement device comprising a frame having a handle and a main opening, said frame being provided with a ball receiving recess having an open side which leads into the main opening, an elastic band secured to the frame at opposed points, said points being spaced substantially equal distances from the ball receiving recess, a ball secured to the elastic band with portions of the elastic band upon opposite sides of the ball being of substantially the same length, the arrangement being such that the ball may be inserted within the ball receiving recess and the portions of the elastic band upon opposite sides of the ball will be held substantially taut.

2,105,380
MANUFACTURE OF ARTIFICIAL SPONGES
Joseph Speijer, Amsterdam, Netherlands
No Drawing. Application January 18, 1936, Serial No. 59,792. In Great Britain April 24, 1935
2 Claims. (Cl. 18—48)

1. A process of manufacturing artificial sponges from viscose which comprises adding extra carbon disulphide and pore-forming material solids to unripened viscose, the extra carbon disulphide being in addition to that used in the xanthation of the cellulose, said extra carbon disulphide being in amount capable of preventing premature coagulation of the viscose by the pore-forming solids, and regenerating the cellulose of the viscose, while the pore-forming solid remains chemically undecomposed.

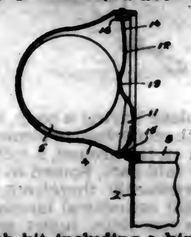
2,105,381
INSOLE ARCH SUPPORT
Eugen Steiner, Oradea, Rumania
Application October 19, 1935, Serial No. 45,736
In Austria June 18, 1935
1 Claim. (Cl. 36—71)

An insole arch support, comprising in combination a plurality of thin wood veneer layers interconnected by means of an adhesive insoluble in water and covered on both sides with an outer covering of leather, and intermediate layers of fibrous material impregnated with a water-



proofing substance interposed between the outer wood veneer layers and the said outer covering of leather and stuck on the outer veneer layers, the support being tapered towards its edges.

2,105,382
LUNCH KIT
Frank Van Horn, Pittsburgh, Pa.
Application April 4, 1936, Serial No. 72,801
3 Claims. (Cl. 206—4)



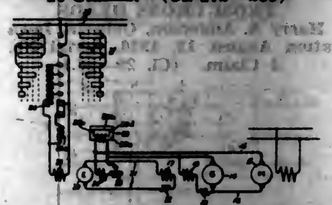
3. In a lunch kit including a hinged cover and a vacuum bottle housed therein, a holder removable from the kit and adapted for securing the bottle within the cover, said holder comprising a shank, a bowl shaped portion at one end of the shank, a plurality of tines at the opposite end thereof, said shank cooperating with the tines and bowl shaped portion to provide a combined fork and spoon, a keeper secured to the free edge portion of the cover to receive the tines, and the bowl shaped portion being received in the recess for detachably mounting the holder across the cover with the shank in engagement with the bottle.

2,105,383
REVAPORIZER
Loyd J. White, San Antonio, Tex., assignor to Southern Steel Company, a corporation of Texas
Application August 26, 1936, Serial No. 98,047
7 Claims. (Cl. 62—1)



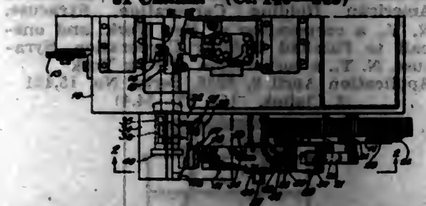
1. A liquefied gas system of the class described comprising, in combination, a storage tank adapted to dispense vaporized gas; a service main for the vaporized gas connected to and leading from the tank; and heat exchanging means connected to the lowest point of the service main and extending into the ground to vaporize any condensate in the service main by utilizing the heat from the earth.

2,105,384
CONTROL SYSTEM
Max A. Whiting, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application December 1, 1936, Serial No. 113,654
10 Claims. (Cl. 172—239)



10. A control system comprising in combination, an electric motor, means for supplying substantially constant current to said motor over a wide range of voltages comprising a generator provided with main and series differential field windings and an exciter for said main winding provided with a separately excited field winding and with a cumulative auxiliary field winding excited by the voltage of said generator, a permanent resistor in the circuit of said auxiliary winding and a permanent resistor in the circuit of said main field winding for decreasing the time constants of said field windings, a variable resistance in said separately excited field circuit, and a reversing type master switch for controlling said resistances and the direction of current in said separately excited winding thereby to control the speed and direction of rotation of said motor.

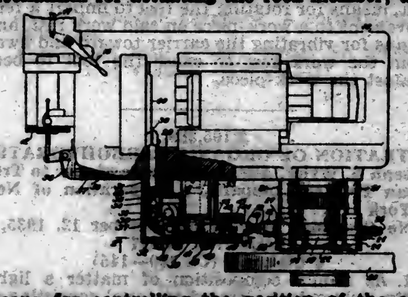
2,105,385
CUT-OFF MECHANISM
Richard Lester Wilcox, Waterbury, Conn., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn., a corporation of Connecticut
Application April 24, 1936, Serial No. 76,197
31 Claims. (Cl. 164—145)



1. In mechanism of the character described; a shaft; a cutter bar; a rock member for imparting reciprocatory movement to the cutter bar substantially parallel with the shaft, movable about a center located upon one side of and between the ends of the cutter bar; and means for actuating said rock member from said shaft.

2,105,386
CUT-OFF MECHANISM
Richard Lester Wilcox and Herbert L. Hoyt, Waterbury, Conn., assignors to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn., a corporation of Connecticut
Application April 24, 1936, Serial No. 76,198
42 Claims. (Cl. 164—145)

1. In mechanism of the character described; a cutter bar; means for imparting movement thereto, comprising in part a rock member; a link connection between the rock member and cutter bar; means, comprising in part toggle mechanism for actuating the rock member; and



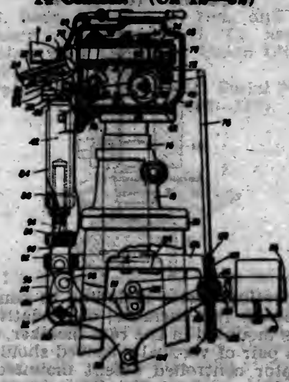
means for controlling the position of the elements of the toggle mechanism on and off the center thereof.

2,105,387
CUT-OFF AND TRANSFER MECHANISM
Richard Lester Wilcox, Waterbury, Conn., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn., a corporation of Connecticut
Application January 6, 1937, Serial No. 119,240
23 Claims. (Cl. 10—25)



1. In mechanism of the character described, wherein a rod is advanced through a cut-off die; a carrier or the like; and plural knives mounted on the carrier to sever a portion of the rod, one knife fixedly and the other movably.

2,105,388
FINISHING MACHINE
Reginald Boyd Woodcock and Hubert Boothroyd, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application December 12, 1935, Serial No. 54,123
In Great Britain January 2, 1935
14 Claims. (Cl. 12—33)



1. In an indenting machine, a work rest, an

indenting tool, a drive shaft, a carrier for said tool, said carrier being mounted on said drive shaft to swing toward and away from said work rest, means for rotating the tool to impart a feed movement to a work-piece on said work rest, and means for vibrating the carrier toward and away from the work rest to cause the tool to beat against the work-piece.

2,105,289

NITRATION OF ORGANIC CARBOHYDRATES

Joseph A. Wyler, Allentown, Pa., assignor to Trojan Powder Company, a corporation of New York

No Drawing. Application October 12, 1935, Serial No. 44,687

6 Claims. (Cl. 260—145)

1. As a new composition of matter a light, fluffy, pulverulent nitrated material consisting of a solid solution of nitrostarch in a predominating amount of nitrated sucrose, and containing not less than 8.4% of nitrostarch.

2,105,290

PURIFICATION OF SUCROSE OCTANITRATE

Joseph A. Wyler, Allentown, Pa., assignor to Trojan Powder Company, Allentown, Pa.

No Drawing. Application June 27, 1936, Serial No. 87,762

4 Claims. (Cl. 260—148)

1. The process of purifying sucrose octanitrate which comprises crystallising sucrose octanitrate from a solvent comprising predominantly one or more members of the group consisting of: propyl alcohol, butyl alcohol, amyl alcohol, hexyl alcohol, carbon tetrachloride, ethylene dichloride, propylene dichloride, methyl alcohol, ethyl alcohol, such crystallisation taking place from a solution of a concentration not to exceed saturation at 30° C., and being the direct result of a slow lowering of the temperature of the solution at a rate faster than the ordinary rate of cooling of a body of equal mass from normal radiation.

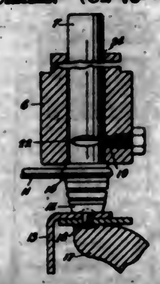
2,105,291

ADJUSTABLE RAM NOSE FOR COLD RIVETING FIXTURES

Elmer Almdale, Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio, a corporation of Ohio

Application November 14, 1933, Serial No. 697,955

4 Claims. (Cl. 78—46)



1. A riveting device including in combination a reciprocable ram member; of a relatively movable nose mounted in the ram member, said nose having a pair of vertically spaced shoulders, and an operator controlled detent mounted in said ram member and frictionally engageable with either of said shoulders at the will of the operator for releasably holding the nose at various positions of adjustment.

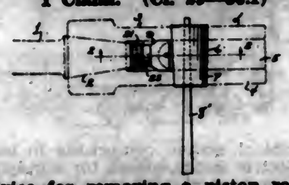
2,105,292

DEVICE FOR REMOVING PISTON RODS FROM CROSS HEADS

Harry A. Andersen, Ocilwein, Iowa

Application August 12, 1936, Serial No. 95,673

1 Claim. (Cl. 29—96.1)



A device for removing a piston rod from a cross head having wrist pin openings therein and said device comprising a cylindrical block to be inserted in said openings and having a slot extending longitudinally therethrough, a punch member including a head having a semi-circular socket therein, a shank extending from the head and having an outer driving end to be positioned against the piston rod, a compensating block including a semi-circular portion pivotally mounted within and fitting the socket for swinging movement therein, said compensating block having a flat outer face and received in the slot of the cylindrical block, a wedge shaped key to be driven in the slot for engagement with the flat outer face, a plurality of shims to be positioned between the driving end of the shank and the rod, a retaining cap for the shims and fitting the driving end and means for securing the retaining cap to the driving end.

2,105,293

KNIFE LUBRICATING DEVICE

Alfred H. Avery, Malden, Mass., assignor, by mesne assignments, of one-half to North American Holding Corporation, Syracuse, N. Y., a corporation of New York, and one-half to Parshad Holding Corporation, Syracuse, N. Y., a corporation of New York

Application April 9, 1935, Serial No. 15,431

2 Claims. (Cl. 91—54.4)



1. In a knife lubricating device having a receptacle for holding a fluid and means for wetting the surface of a filler-applying tool, means for firmly holding said receptacle in place while wetting the surface of said applying tool, said means including a central depending part integrally joined to the bottom of said receptacle, a support having a recess for receiving said depending part, and interengaging means providing a detachable connection capable of being disconnected by a rotary movement of the receptacle relative to the support.

2,105,294

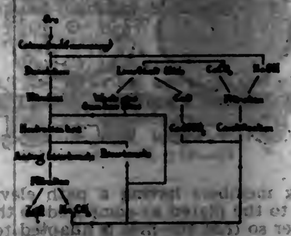
MANUFACTURE OF ZINC OXIDE

Riccardo Allavena, Milan, Italy, assignor to Societa Italiana Pirelli, Milan, Italy, a company of Italy

Application November 20, 1935, Serial No. 53,438

In Italy December 1, 1934

4 Claims. (Cl. 23—167)



1. A process for the direct manufacture of substantially pure zinc oxide by precipitation from a solution, which consists in forming an aqueous solution of an alkali zincate neutralising the zincate solution to the point of precipitation of zinc oxide, treating the neutralised zincate solution with a bicarbonate of a metal of which the normal carbonate is soluble in water, the bicarbonate being employed, with respect to the zincate solution, in substantially stoichiometric proportions for the formation of zinc oxide, whereby a precipitate of substantially pure zinc oxide is obtained, filtering the said precipitate and drying it at a temperature not exceeding 100° C.

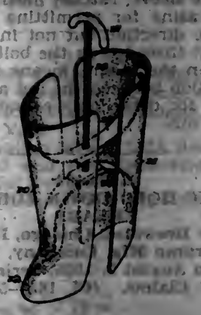
2,105,295

BOOT TREE

Edmund J. Bass, Rochester, N. Y.

Application May 22, 1937, Serial No. 144,267

7 Claims. (Cl. 12—139.2)



1. A boot tree comprising a pair of elongated form plates transversely curved to fit the contour of a boot top or upper, a pair of oppositely disposed curved spring members having their ends extending toward and securely fastened to the end portions of the form plates, with their central portions opposed, and an adjusting screw rod extending lengthwise of and between the form plates, having operative connection through the said central opposed portions of the spring members, including threaded connection with at least one of said spring members whereby upon rotation of the adjusting rod the opposed portions of the springs will be more or less spaced to thus adjust the form plates toward and away from each other.

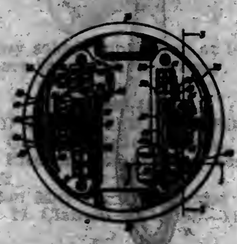
2,105,296

ELECTRIC METER MOUNTING

Hans A. Bakke, Swampscott, Mass., assignor to General Electric Company, a corporation of New York

Application May 9, 1935, Serial No. 20,502

15 Claims. (Cl. 247—2)



1. A detachable electrical instrument comprising in combination, an instrument mechanism mounted on a base plate with four flat contact prongs mounted thereon at the four corners of a square and extending through said base plate, and a receptacle for said instrument mechanism, said receptacle comprising in combination, a base, four cross-slotted split terminal clips mounted thereon at the four corners of a square, each clip having parallel contact surfaces between which a longitudinal slot is formed, each clip having its contact surfaces perpendicular to those of the clips on adjacent corners of the square but parallel to those of the clip on the diagonally opposite corner of the square, each clip having a cross-slot forming cooperating contact edges and being in line with the longitudinal slot in one of the adjacent clips, one of the clips being mounted to be slidable from the position normally occupied by the corresponding contact prong when the instrument mechanism and the receptacle are united, and a circuit-closing jumper, attached at one end to one of the terminal clips, having a free end extending towards one of the adjacent terminal clips and resiliently engaging it when said instrument mechanism is separated from its receptacle, but being depressed by the base plate of said instrument mechanism to disengage the terminal clip when the instrument mechanism and its receptacle are united.

2,105,297

FENDER WELT

Glen G. Barr, Union City, Ind., and Albert H. Kirchner, Washington, D. C., assignors to Backstay Welt Company, Union City, Ind., a corporation of Indiana

Application August 26, 1936, Serial No. 98,936

7 Claims. (Cl. 280—152)



1. A fender welt adapted to be interposed between adjacent flat metallic surfaces in an automobile body or the like to prevent squeaks, rattles and the like, said welt comprising an edge bead and a web extending laterally therefrom, said web being built up of plural plies of creped paper impregnated with and bonded together by a water-resistant substance.

2,105,398
REENFORCED PORCELAIN TOOTH CROWN
Adolph Barrett and Lee Hirschhorn, New York, N. Y.
Application November 30, 1935, Serial No. 52,316
5 Claims. (Cl. 32—12)



1. A tooth crown having an inner foil of a platinum-like metal and an outer layer of a porcelain-like material, said inner foil having perforated side walls, and said outer layer having portions fused into said perforations, said outer layer completely surrounding said inner foil.

2,105,399
PRINTING APPARATUS
George W. Booth, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
Application August 28, 1935, Serial No. 38,307
18 Claims. (Cl. 101—37)



1. Apparatus of the class described comprising a horizontal track, a magazine disposed above said track and containing a stack of closures, means for ejecting the closures one by one from the bottom of the stack, and a suction line including an orifice beneath the ejected closure for drawing the same onto the track.

8. Apparatus for printing closure discs of the type having high and low portions, said apparatus comprising rotary means, a pair of printing members carried by said rotary means, a rectilinearly extending platen for supporting the discs to be printed, one of said printing members having a path elevated with respect to the platen as compared to the path of the other so that the first is adapted to print on the high portions of the discs and the other is adapted to print on the low portions of the discs, and means for propelling the discs in equally spaced relation along said platen at a speed equal to the peripheral speed of said rotary means.

2,105,400
PRINTING APPARATUS
George W. Booth, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
Original application August 28, 1935, Serial No. 38,307. Divided and this application May 9, 1936, Serial No. 78,925
14 Claims. (Cl. 101—35)

1. Apparatus for printing closure discs of the type having high and low substantially flat portions, said apparatus comprising rotary means, a pair of printing members carried by said rotary means, and a rectilinearly extending platen for supporting the discs to be printed, one of said



printing members having a path elevated with respect to the path of the other so that the first is adapted to print on the high portions of the discs and the other is adapted to print on the low portions of the discs.

2,105,401
NUT LOCK
Earl William Beyer, Pottsville, Pa.
Application May 1, 1935, Serial No. 19,291
3 Claims. (Cl. 151—10)



2. In a structure of the class described, in combination, a bolt, a sleeve slidably but non-rotatably mounted on the bolt, a casing rotatably supported on the sleeve, ratchet means between the sleeve and casing for permitting the casing to rotate in one direction but not in the other direction, a nut threaded on the bolt and having a part fitting in the casing, means for preventing relative rotation between the nut and casing and latch means for detachably connecting the casing with the nut.

2,105,402
HYDRAULIC HOLD-DOWN FOR SQUARING SHEARS
Robert Leslie Brownlee, Chicago, Ill., assignor to Dreis & Krump Mfg. Company, Chicago, Ill.
Application August 2, 1935, Serial No. 34,479
7 Claims. (Cl. 164—51)



1. A hold-down mechanism for shears comprising a series of identical units, each unit being in the nature of a block perforated with longitudinally communicating bores of different diameters, a plunger in the smaller bore, a second plunger in the larger bore and forming a hold-down element by hydraulic action when a liquid is interposed between the plungers, a single bar extending longitudinally over the external ends of all of the smaller plungers, and means to actuate the bar with the effect of advancing all of such smaller plungers simultaneously.

2,105,403
POULTRY FEEDER AND WATERER
Francis W. Bushie, Glandford Township, Ontario, Canada
Application November 20, 1936, Serial No. 112,494
3 Claims. (Cl. 119—73)



2. A device of the character described comprising a sectional rim forming a support having a center opening, a frame beneath the rim, vertical legs secured to the frame in spaced relation to each other, radial arms having flattened outer ends disposed at the open center of said rim, the flattened ends being in underlying relation to the rim, certain of the flat ends being turned to provide depending ears secured to the legs, means uniting the arms together at the open center of the rim in their radially disposed relation to each other, a hoop fixed to the legs near their lower ends, a pan removably resting upon the arms and held within the rim, and means connected with the arms to form abutments for the pan and holding the same centered with respect to the open center of said rim.

2,105,404
INCANDESCENT LAMP AND SIMILAR DEVICE
Paul O. Cartun, Cleveland Heights, Ohio, assignor to General Electric Company, a corporation of New York
Original application May 2, 1933, Serial No. 669,189. Divided and this application December 18, 1936, Serial No. 116,333
5 Claims. (Cl. 176—32)



1. An electric device comprising a glass bulb; and a metal disc sealed to the end of said bulb as an end wall therefor, and provided with a bottom pivot and contact spur and with securing blades engageable and disengageable by turning the lamp.

2,105,405
SOLDERED JOINT
Frederic L. Chase, Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, a corporation of Delaware
Application February 26, 1932, Serial No. 595,401
3 Claims. (Cl. 285—508)

1. A soldered joint on a cooling unit of a refrigerating system comprising a copper pipe and a copper containing fin soldered thereto with a



tin-antimony solder containing at least 90% tin and not more than 10% antimony.

2,105,406
LIQUID INSULATING COMPOSITION
Frank M. Clark, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York
Application May 25, 1935, Serial No. 22,403
11 Claims. (Cl. 252—1)



1. A composition of matter comprising as a substantial ingredient a halogenated aromatic hydrocarbon which is liquid at ordinary temperatures, and as a second ingredient a minor proportion of a nitrile fixative material miscible therewith which is capable of forming, by combination with decomposition products of said hydrocarbon, products which are soluble in said hydrocarbon.

8. An electrical insulating and cooling liquid composition for use in transformers and the like consisting preponderantly of substantial proportions of chlorinated diphenyl and chlorinated bensene and containing chlorinated benzyl cyanide as a minor ingredient.

2,105,407
LIQUID INSULATING COMPOSITION
Frank M. Clark, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York
No Drawing. Original application May 25, 1935, Serial No. 22,403. Divided and this application September 24, 1936, Serial No. 102,265
5 Claims. (Cl. 252—1)

2. A composition of matter comprising as substantial ingredients chlorinated aryl compound and at least about one per cent of material in the class consisting of open chain olefinic terpenes and camphors; monocyclic terpenes and camphors; complex cyclic terpenes and camphors; and oils of turpentine, citron, orange and thyme.

3. A dielectric and insulating composition made up of a preponderant proportion of chlorinated aryl constituent and about one to ten percent of turpentine oil.

2,105,408
CONVERTIBLE ARTICLE OF FURNITURE
Louis I. Cohn and Albin J. Brinkman, Philadelphia, Pa., assignors to Spiers Bedding Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application December 29, 1936, Serial No. 116,161
1 Claim. (Cl. 5—20)

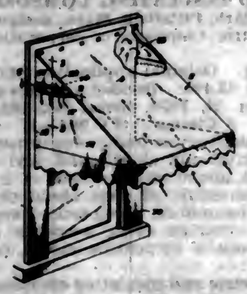
In an article of furniture, a frame-like structure having the upper end of its front formed

with a support, its top open throughout, the upper portion of its back open throughout to provide a passage and a pair of vertical spaced parallel side cheeks constituting supports therefor, a pair of spaced parallel normally inverted carriers of like form and each of angled contour in cross section to provide a vertical and a horizontal leg, said carrier opposing the upper end portion of the inner faces of said cheeks, means for pivotally connecting said vertical legs to said cheeks, bed forming means fixed to said horizontal legs, said carriers when in inverted position suspending said bed forming means within said structure below the upper ends of said cheeks and when turned to righted position through said passage seating on said support and disposing said bed



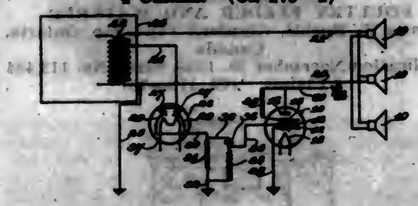
forming means horizontally above said cheeks, and a shiftable unit forming a foldable and extendible head rest extending across the top of said bed forming means and a foldable and extendible supporting leg for, arranged below and positioned intermediate the ends of said bed forming means, said unit including connections between the head rest and leg to provide for their shifting in unison, said unit being pivotally connected to the bottom of said bed forming means at spaced points of said bottom and when shifted in one direction simultaneously extending said head rest and leg and in the opposite direction simultaneously folding said head rest and leg, said leg when extended to supporting position being disposed below the back of said structure.

2,165,409
AWNING
Wilbur F. Crawford, Waco, Tex.
Application May 26, 1936, Serial No. 81,930
8 Claims. (Cl. 156—15)



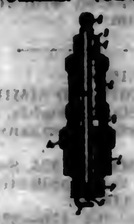
3. An awning having a side wall, said side wall being defined by an outer upper section and an inner lower section having their adjacent edge and corner portions arranged in overlapping relation, spaced securing means for uniting the adjacent corner portions of said upper and lower sections, the lower portion of said upper section being of greater length than the upper end portion of said lower section, whereby the upper section is spaced outwardly to define a downwardly opening passage between said sections, and stiffening means in the lower edge portion of said upper section to aid in holding the same in spaced relation to the adjacent portion of said lower section thereby providing a ventilating opening extending substantially throughout the length of said overlapping edge portions.

2,165,410
OVERLOAD INDICATOR
Virgil L. Daniels, Racine, Wis., assignor to Webster Electric Company, Racine, Wis., a corporation of Wisconsin
Application July 3, 1936, Serial No. 88,846
4 Claims. (Cl. 179—1)



1. In an amplifier circuit, the combination of an amplifier with a remote speaker energized by said amplifier, and an indicator for indicating the overload point of said amplifier, comprising an electron ray tube of the indicator type, said electron ray tube having its grid controlled by voltages derived from an output circuit of said amplifier, the voltage on said grid being so arranged that the indicator tube indicates the limit of desired volume at the speaker.

2,165,411
SPARK PLUG
Kenneth C. De Walt, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application August 1, 1936, Serial No. 93,855
4 Claims. (Cl. 123—169)

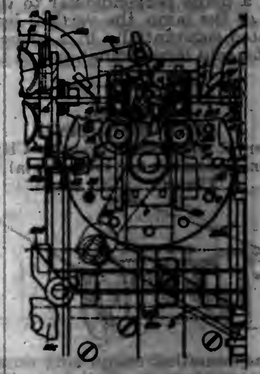


1. A spark plug for internal combustion apparatus comprising the combination of a hollow casing the wall of which consists of metal and glass having approximately the same thermal coefficient of expansion, said metal and glass members being fusion-sealed to one another at adjacent edges and a cooperating conductor located within said casing and being connected at one end only with said casing.

2,165,412
MANUFACTURE OF CIGARETTES
William Frederick Maitland Edwards, London, England, assignor to Filter Tips Limited, London, England, a British company
Application December 20, 1934, Serial No. 758,503
In Great Britain, December 23, 1933
13 Claims. (Cl. 22—1)

1. A method for producing filter tips from strip material, which comprises feeding a length of strip material endwise into a receiving chamber until the strip engages a wall of the chamber,

and continuing to feed the material in the same direction into the chamber to cause the strip to

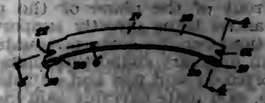


buckle and fold upon itself in substantially zigzag formation.

2,165,413
TREATMENT OF IMPROVED MATERIALS CONTAINING COLLAGEN
Wilfred Graham Dowbury and Arnold Davies, London, England
No Drawing. Application August 24, 1934, Serial No. 741,334. In Great Britain September 6, 1933
2 Claims. (Cl. 134—56)

1. Process for the manufacture of improved materials containing collagen derived material comprising heating to a temperature of about 130° C. a hydrocarbon oil having a boiling point of not lower than 130° C. with a substance selected from the group consisting of glue and gelatin until a fibrous product is formed from said collagen containing material, and separating the oil from the fibrous product.

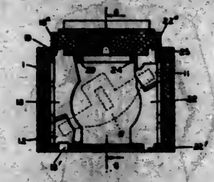
2,165,414
ANTIRATTLER DEVICE FOR WINDOWS AND THE LIKE
Elio V. Francesconi, Boston, Mass.
Application March 17, 1937, Serial No. 131,426
3 Claims. (Cl. 292—76)



2. An anti-rattler device for windows and the like comprising a bowed sheet spring with opposite side edges turned to project normally to said bowed sheet to provide spurs.

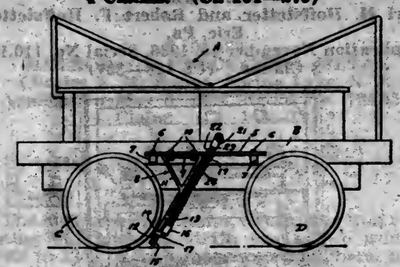
2,165,415
ELECTRIC SWITCH CONSTRUCTION
Monroe Gucft and Robert E. Bentley, Hartford, Conn., assignors to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn., a corporation of Connecticut
Application August 4, 1934, Serial No. 738,533
13 Claims. (Cl. 200—168)

1. In an electric switch, an insulating casing open at the rear for insertion of switch mechanism and apertured in the front for switch operating means, a combined contact and wire terminal device at an end of the casing, the wire terminal portion of said device being accessible through a recess in the end of the casing, said device being unrestrained against movement lengthwise of the casing by the side walls of the casing but engaging at its top with the inside



of the top wall of the casing and having an extension reaching beyond the plane of the back of the casing for holding said device in place, a back plate for the casing engaged by said extension, and means holding said plate to said casing.

2,165,416
ICE SCRAPER FOR TRACK MOTOR CARS
Jack A. Hansen, Matanuska, Territory of Alaska
Application April 14, 1937, Serial No. 136,911
4 Claims. (Cl. 104—279)



1. In a structural assemblage of the class described, in combination, a track-type motor car comprising a platform having front and rear track engaging wheels, ice scraping devices on opposite sides of the platform adapted to contact the track within the vicinity of the front wheels, said devices each including spring pressed scraping blades, and shielding guards in advance of the scraping blades, and guides for the blades on said guards for positioning the scraping blades in inclined contact with the rails adjacent the perimeters of the front wheels.

2,165,417
WAIST BAND FASTENER FOR UNDERGARMENTS
Henry Herrle, New Orleans, La.
Application May 15, 1935, Serial No. 21,625
1 Claim. (Cl. 2—237)

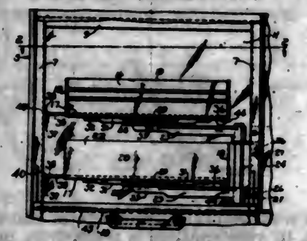
In combination with a nether garment having a waistband and inner and outer fore flaps to close the fly opening thereof, an elastic strap lying against the face of the band with its longer dimension disposed in the direction of the periphery of the band, the strap being carried by the band on the inner flap of the garment but being secured to the band only at the extremities of the strap, and a fastener secured to the outer face of the strap at an intermediate point in the length thereof, the outer flap of the garment having the waistband portion thereof formed with means to

engage said fastener, whereby yielding of the waistband to body distension applies a stress to



the strap first to but one section thereof and later to both sections of the same.

2,105,418
BROILER DRAWER FOR GAS RANGES AND THE LIKE
Carl H. Hoffstetter and Robert F. Hoffstetter, Erie, Pa.
Application November 10, 1936, Serial No. 110,166
8 Claims. (Cl. 126—337)



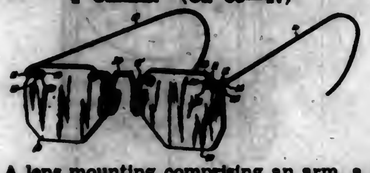
2. In a device of the character described, an oven having a door opening, supporting means pivotally mounted in said oven, a drawer pivotally supported on said means for movement through said opening substantially outside said oven and into a lengthwise position substantially parallel with the front of the oven, a bracket on the rear end of said drawer, a bracket mounted in said oven, and a rod pivotally connected at its opposite ends to said brackets for steering the rear end of the drawer during said movement.

2,105,419
VEHICLE HEAD LAMP
Wilhelm Hessing, Eindhoven, Netherlands, assignor to General Electric Company, a corporation of New York
Application November 20, 1934, Serial No. 753,876
In Germany December 22, 1933
4 Claims. (Cl. 176—36)



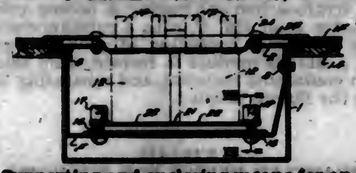
2. An electric incandescent lamp for vehicle headlamps comprising a bulb containing a pair of filaments with separate circuit connections, said filaments being straight linear filaments and being arranged substantially in the form of a T located in a plane perpendicular to the longitudinal axis of the lamp, the vertical leg of said T being located substantially in a plane extending through the said longitudinal axis of the lamp.

2,105,420
LENS MOUNTING
Walter F. Hembeler, Kansas City, Mo.
Application December 31, 1936, Serial No. 118,533
4 Claims. (Cl. 88—47)



1. A lens mounting comprising an arm, a lens edge-engaging element carried by said arm outside the plane of the lens and having terminal portions extending transversely across the edge of the lens at opposite sides of said arm, and means for securing said arm to the lens independently of said edge-engaging element.

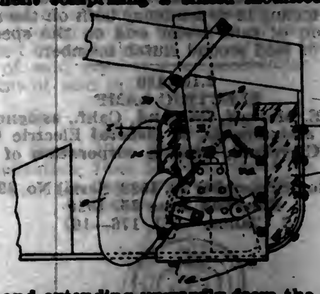
2,105,421
MOUNTING MEANS FOR ENCLOSED ELECTRIC DEVICES
John G. Jackson and Ralph H. Kingdon, Detroit, Mich., assignors to Square D Company, Detroit, Mich., a corporation of Michigan
Application April 7, 1937, Serial No. 135,267
6 Claims. (Cl. 247—19)



1. Supporting and enclosing means for an electric circuit controlling instrumentality adapted for both flush and surface mounting comprising an enclosing box and a supporting pan within the box having portions projecting a short distance in front of the plane of the pan, said instrumentalities being directly supported upon said projections for the surface mounted enclosure, and an auxiliary supporting plate adapted to be supported on said pan and adjustable relative thereto, said plate carrying said instrumentalities for flush type mounting, said plate having portions interfitting with said projections on the pan so that in the back position of the plate the instrumentalities will be supported in the same position as when directly supported on said projections.

2,105,422
ATTACHMENT FOR ELEVATING GRADERS
Endre O. Johnson, McVille, N. Dak., assignor of one-third to Henry T. Quanbeck, McVille, N. Dak.
Application May 14, 1937, Serial No. 142,706
7 Claims. (Cl. 37—110)

1. An attachment for a road elevating grader of the type embodying a laterally disposed conveyor element having front and rear side walls, a shoe extending between said front and rear side walls at the lower end of the elevator and a disk positioned in operative position relative to said shoe intermediate the front and rear walls of the elevator and arranged to throw dirt onto the shoe and lower end of the elevator; said attachment comprising a shield mounted on said



shoe and extending upwardly from the shoe and also from the rear side of the disk to the rear side wall of the elevator and serving to prevent the passage of dirt from the shoe through the space normally presented between the disk and the rear side of the elevator.

2,105,423
DETONATOR
Helmut Junghans, Schramberg-Sulgen, Germany
Application December 4, 1936, Serial No. 114,251
In Germany January 18, 1935
8 Claims. (Cl. 102—39)



1. In a detonator for a projectile, a firing pin, centrifugal jaws for securing the firing pin and adapted to swing out successively for the purpose of releasing the pin, an abutment on the first of the said jaws, and a rotatable locking portion disposed centrally in the detonator and furnished with a slot through which the said abutment is adapted to pass for the purpose of release.

2,105,424
PENCIL HEAD CONTAINER
David Kahn, Woodcliff, N. J., assignor to David Kahn, Inc., North Bergen, N. J., a corporation of New Jersey
Application October 29, 1936, Serial No. 108,269
10 Claims. (Cl. 206—56)



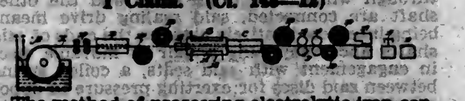
5. A pencil lead container constructed and arranged to hold a plurality of pencil leads disposed in parallel and having a bottom sloping into a narrow depending part of a width to accommodate and segregate a single lead, said narrow dependent part having a longitudinal section thereof cut away to form a lead feeding opening so as to permit tilting of the lead relative to the container when fed.

2,105,425
MATCH BOOK CASE
Gerhard M. Lee, Aurora, Ill.
Application November 11, 1936, Serial No. 110,277
4 Claims. (Cl. 206—38)



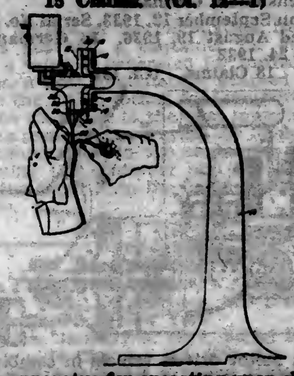
1. A match case comprising two cover parts hingedly connected together, said cover parts being provided with openings, and socket means positioned on the inner surfaces of said cover parts for frictionally retaining match books having abrasive surfaces, said openings being so positioned with respect to the socket means as to expose the abrasive on the match books.

2,105,426
METHOD OF PROCESSING METAL
Charles E. McManus, Spring Lake, N. J.
Application May 8, 1934, Serial No. 724,551
1 Claim. (Cl. 148—12)



The method of processing electrolytic iron consisting of annealing virgin electrolytic iron to 1700° to 2285° F. in a reducing atmosphere, cooling it in a reducing atmosphere and then cold rolling it.

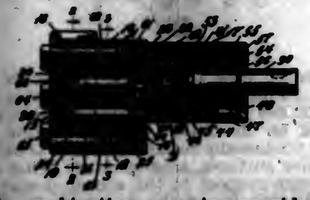
2,105,427
METHOD AND APPARATUS FOR OPERATING ON SHOES
Clifford K. MacDonald, Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application November 2, 1936, Serial No. 108,740
15 Claims. (Cl. 12—1)



1. An apparatus for operating upon shoes having, in combination, a non-movable member

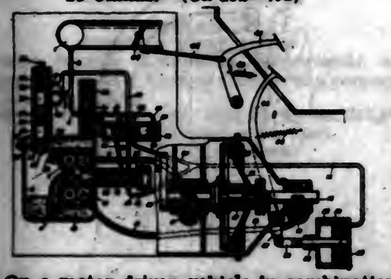
adapted to be inserted between a shoe and a sole cement attached thereto for separating the sole from the shoe, said member having relatively blunt means thereon for penerating the cement which secures the sole to the shoe bottom, and means for heating said member to cause said blunt means to break the cement bond during penetrating movement of said member in one direction only.

2,105,423
GEAR PUMP SEAL
George F. Magiott, Cranston, R. I., assignor to Brown & Sharpe Manufacturing Company, a corporation of Rhode Island
Application June 2, 1934, Serial No. 728,798
4 Claims. (Cl. 286—7)



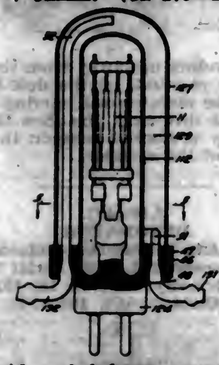
1. In combination, a casing provided with a bore and a pair of opposed end seats, a shaft rotatably mounted in said casing, a drive shaft rotatably mounted in said casing and extending along said bore in a direction towards the first shaft but terminating short of said shaft to leave a space therebetween, and sealing drive means through which said drive shaft and the other shaft are connected, said sealing drive means being interposed entirely between the ends of said shafts and comprising a pair of movable discs in engagement with said seats, a coiled spring between said discs for exerting pressure in opposite directions against said discs to force them into sealing engagement with said seats, tongues on said discs, and a coupling member having slots to receive said tongues on the discs and located within and axially of said spring for connecting said discs for the transmission of rotation from one to the other.

2,105,429
CLUTCH OPERATING MEANS ON MOTOR VEHICLES
Karl Maybach, Friedrichshafen, Germany, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany
Application September 12, 1933, Serial No. 689,662. Renewed August 19, 1936. In Germany September 24, 1932
18 Claims. (Cl. 192—.01)



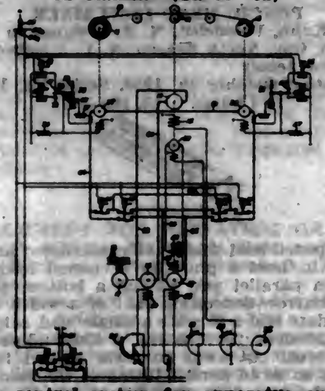
1. On a motor driven vehicle in combination: a first clutch member in driving connection with the motor and a second clutch member in driving connection with the wheels of said vehicle; pressure means adapted to cause engagement and disengagement of said clutch members; a first valve for controlling said pressure means in direct dependency on the speed of rotation of said motor; and a second valve for controlling said pressure means in dependency both on the speed of rotation of said motor and on the speed of rotation of said second clutch member.

2,105,430
ELECTRIC LAMP
Herbert E. Metcalf, Oakland, Calif., assignor, by mesne assignments, to General Electric Company, Cleveland, Ohio, a corporation of New York
Application September 18, 1929, Serial No. 393,421
Renewed June 25, 1936
7 Claims. (Cl. 176—16)



1. A liquid cooled lamp comprising a light source, a pair of concentric cylindrical transparent envelopes disposed around said source and spaced to form a chamber therebetween, an inlet conduit opening tangentially into one end of said chamber, and a transparent outlet conduit entering the same end of said chamber and extending through said chamber to open at the other end thereof.

2,105,431
CONTROL SYSTEM
Francis Mehler and Leonid A. Umansky, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
Application October 11, 1933, Serial No. 693,141
11 Claims. (Cl. 90—32)



1. A control system for apparatus operating

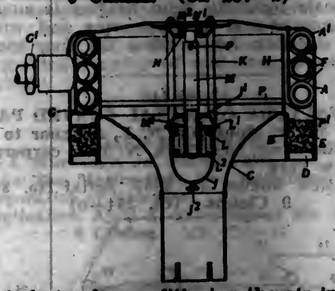
on a strip of material comprising a pair of dynamo-electric machines mechanically connected to the strip, an element for reducing the thickness of said strip, a source of supply for said dynamo-electric machines, a generator having its armature connected in circuit between said source and one of said machines means responsive to the reduction in the thickness of said material effected by said element for varying the excitation of said generator in accordance with the amount of said reduction.

2,105,432
STORM LANTERN
Bruno Nier, Beierfeld, Germany
Application June 5, 1936, Serial No. 83,749
In Germany June 6, 1935
5 Claims. (Cl. 67—53)



1. A storm lantern burner comprising in combination a burner cap, a wick sheath disposed within the burner cap, a flame plate mounted so as to surround the wick sheath at a point substantially flush with the upper edge thereof and means for heat-insulating the flame plate from the wick sheath.

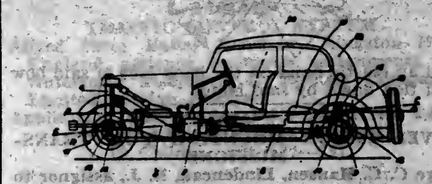
2,105,433
DEVICE FOR CONDITIONING THE INTAKE AIR TO CARBURETORS
Percy Warren Noble, Unadilla, N. Y.
Application February 16, 1937, Serial No. 126,505
In Great Britain February 13, 1936
6 Claims. (Cl. 257—2)



5. A device for conditioning the air intake to a carburetor, comprising an air filter, a heat exchanger comprising a plurality of corrugated pipes, an outlet adapted to lead to the carburetor and comprising a flared passageway through which air flows from the larger to the smaller end, means for causing a portion of the air from the filter to flow to the outlet past the heat exchanger whilst the remainder flows direct to the outlet and thermostatic means responsive to the temperature of the air mixture adjacent the outlet and serving to increase the proportion of air which flows past the heat exchanger as the temperature falls and vice versa.

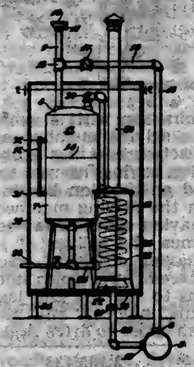
2,105,434
MOTOR VEHICLE
Rudolf Slaby, Berlin-Charlottenburg, Germany, assignor to Auto Union A. G., Chemnitz, Germany, a joint-stock company of Germany
Application September 25, 1933, Serial No. 690,897
In Germany September 30, 1932
6 Claims. (Cl. 280—112)

1. In a motor vehicle consisting of sprung and unsprung portions, the combination with spring suspension means adjacent the forward and rearward ends of the vehicle, of connections between said means and the unsprung and sprung portions of the vehicle, said connections being so constructed and disposed as to support the sprung



portions of the vehicle for lateral swinging movement about a longitudinal axis passing substantially through the center of gravity of the whole of said sprung portion when the vehicle is normally loaded, whereby lateral swinging movement of said sprung portion as the vehicle rounds a curve is minimized.

2,105,435
METHOD OF AND APPARATUS FOR FROST ELIMINATION
Charles H. Tanner and Ernest Watkins, St. Cloud, Minn.; Jessie M. Tanner administrator of said Charles H. Tanner, deceased
Application June 2, 1934, Serial No. 728,783
9 Claims. (Cl. 183—32)



1. In apparatus for eliminating frost in gas lines, a gas line, a container for liquid from which a vapor is generated for inclusion in the gas line, a heat interchanger adapted to impart heat to the liquid, means for transporting liquid from the container to the heat interchange, and separate means for conveying the liquid from the heat interchanger to the container, and means connecting the container and the gas line for conveying vapor from the liquid container to the gas line.

2,105,436
BOW
George Flatto, New York, N. Y., assignor to The Ribbon Mills Corporation, New York, N. Y., a corporation of New York
Application January 6, 1937, Serial No. 119,268
10 Claims. (Cl. 132—47)

1. A bow comprising a ribbon folded into bow formation, a band tied over the central area of

said bow formation to maintain the bow shape,



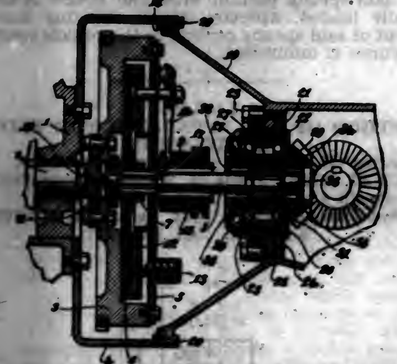
and an elastic band on the back face of said bow and tied down by said band.

2,105,427

BEVEL PINION MOUNTING FOR TRANSMISSIONS

Aage C. C. Hansen, Lindencrona, N. J., assignor to Mack Manufacturing Corporation, a corporation of Delaware

Application October 14, 1936, Serial No. 105,459
2 Claims. (Cl. 74—396)



1. In combination with a power transmitting mechanism, a driving member, a hollow driving pinion, antifriction bearings supporting said pinion, said pinion having internal splines within the plane of said antifriction bearings, a shaft extending from the driving member to within said pinion and having splines adapted to engage said internal splines, the splines of said pinion and said shaft having sufficient freedom to permit angular displacement between said shaft and said pinion, means to support and journal said shaft in said driving member, and means carried by said driving member to drive said shaft.

2,105,428

PROCESS AND APPARATUS FOR PRODUCING PERCOMPOUNDS

Hermanus Hartman, Roermond, Netherlands, assignor to Naamlooze Vennootschap Industrieele Maatschappij Voorheen Noury & Van Der Lande, Deventer, Netherlands, a company of the Netherlands

Application July 2, 1935, Serial No. 29,582
In the Netherlands July 6, 1934
7 Claims. (Cl. 204—9)



1. Process for preparing a persalt by electrolysis of an aqueous solution which yields a persalt on electrolysis, which process comprises introducing a flowing stream of the said solution into a chamber having inlet means and outlet means for said solution but which is otherwise closed and which has electrode means in the path of said solution as it flows from the said inlet means to the said outlet means, said solution in its flow from the said inlet means to the said outlet means entirely filling the said chamber and carrying with it substantially all the products of the electrolysis, and applying a difference of electrical potential to said electrodes for producing the said electrolysis as the solution flows through the said chamber.

3. Apparatus for electrolysing a solution comprising in combination a tubular chamber, the walls of said chamber being formed of a soft elastic rubber-like non-conductor of electricity, electrodes extending into said chamber through the walls of said chamber and held by said walls in fluid tight connection, means for introducing the solution to be electrolysed into one end of said tubular chamber, and means for conducting electrolysed solution away from the other end of said tubular chamber.

2,105,439

METHOD OF CLEANING THE SURFACE OF SOLID METALS

Clarence H. Lorig, Columbus, Ohio, assignor to The Battelle Memorial Institute, Columbus, Ohio, a corporation of Ohio

No Drawing. Application May 23, 1935, Serial No. 23,071
4 Claims. (Cl. 148—4)

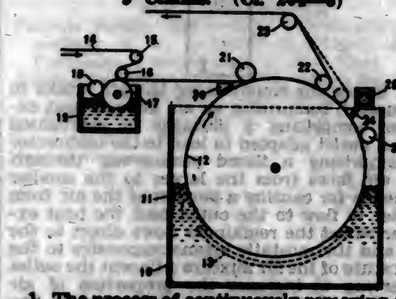
4. A method for treating a steel object which comprises heating such objects to a temperature approximating that required for hot-working such as rolling or forging, cleaning the surface of the object by immersing such surface in a continuous body of molten ferrous alloy until the oxide scale resulting from heating is substantially removed and then removing and, without further heating, hot-working the thus cleaned object.

2,105,440

MANUFACTURE OF METAL COATED PAPER

Bert C. Miller, Montclair, N. J., assignor to Bert C. Miller, Inc., New York, N. Y., a corporation of New York

Application August 30, 1935, Serial No. 38,552
9 Claims. (Cl. 204—6)



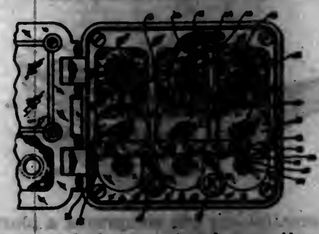
1. The process of continuously removing a layer of electrodeposited metal from a moving cathode when the metal is so thin that it does not possess of itself enough strength to withstand the tension necessary to pull it off the cathode, which comprises pressure contacting the layer of metal on the cathode with a tensioned flexible fibrous foundation which is stronger than the metal layer and with an adhesive which is permanently flexible, uniform, and reasonably hard when set, moving the cathode with the adhering metal layer and foundation while maintaining tension on the fibrous foundation until the adhesive sets enough to permit the foundation and metal layer being pulled off together and then stripping by tension applied in major portion through the foundation to strip the metal layer from the cathode without the aid of any stripping knife or chemical film being applied between the cathode and metal layer to facilitate its removal.

2,105,441

TIMELOCK

Charles A. Miller, Stamford, Conn., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn., a corporation of Connecticut

Application July 13, 1935, Serial No. 31,165
17 Claims. (Cl. 70—369)



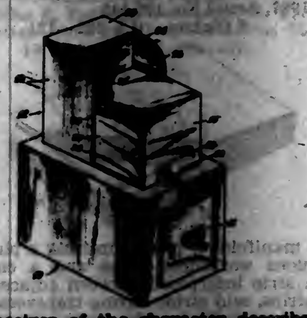
1. In a time lock for a structure, a time movement, means controlled by the running of said movement for a period of time whereby to permit access to the structure, controlling means requiring a predetermined operation as a prerequisite to the running of said movement for said period of time, a second time movement, and means operated through the running of said second time movement for a period of time adapted to operate the said controlling means whereby the running of said first movement is initiated.

2,105,442

CASH RECEIVER

John J. Murtaugh, Jr., Floral Park, N. Y., assignor to The Mosler Safe Co., Hamilton, Ohio, a corporation of New York

Application April 2, 1932, Serial No. 72,211
9 Claims. (Cl. 232—1)



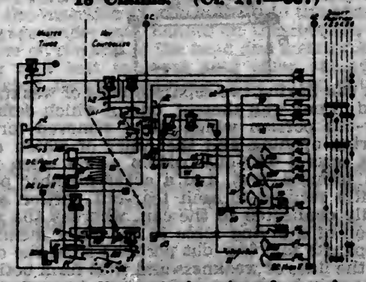
1. A receiver of the character described, including, a structure having a storage compartment, a front compartment above the storage compartment, and adapted to house receipt issuing mechanism, and a chute compartment behind said front compartment, means including a member at the upper part of the chute compartment, and movable above said front compartment, for introducing articles into the chute compartment to pass therethrough into the storage compartment, and means for locking said member against movement operable in response to operation of said receipt-issuing mechanism.

2,105,443

TRAFFIC CONTROL SYSTEM

Alfred Percy Bailey Renshaw, Kingston Hill, England, assignor, by mesne assignments, to Automatic Telephone & Electric Company, Limited, London, England

Application January 19, 1935, Serial No. 2,480
In Great Britain February 5, 1934
18 Claims. (Cl. 177—337)



1. In a traffic control system for a plurality of intersections of interfering traffic lanes, the combination of means for according right of way through a cycle to the several lanes at one intersection, a second means at another intersection and adapted to be actuated by traffic for according right of way through a cycle to the several lanes at the latter intersection variable in accordance with traffic actuations in said several lanes, means for increasing the cycle of the first means, means for decreasing the cycle of the first means, and selective means responsive to the order of completion of the cycles of the first and second means for selecting between said means for increasing or decreasing the cycle of said first cycle increasing and cycle decreasing means.

2,105,444

ACTUATING MEANS FOR KNITTING MECHANISM

Paul Schmidt, Wyomissing, Pa., assignor to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania

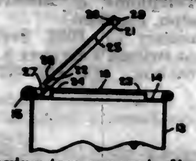
Application November 4, 1936, Serial No. 109,686
8 Claims. (Cl. 66—129)



8. In a flat knitting machine having a plurality of knitting sections, in combination, a plurality of friction rods operating at different speeds, a plurality of yarn carrier bars, and a plurality of friction box units mounted on said rods for driving said bars, each of said units having means for selectively establishing driving connection between either of said friction rods and any of said

yarn carrier bars so that the latter may be operated at different speeds relative to each other in one or more sections of the machine.

2,105,445
CAN
Harry Sebell, Boston, Mass., assignor of one-half to Arthur H. Parker, Lexington, Mass.
Application May 6, 1937, Serial No. 141,064
8 Claims. (Cl. 220—27)

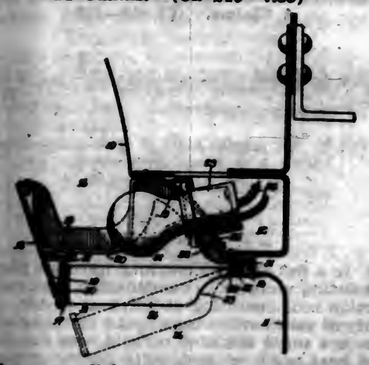


1. A can having two separate lines of weakness formed in one wall thereof, one of which defines a tear-out portion which when removed forms a pouring opening and the other of which defines a second tear-out portion which when removed forms a vent, and a cover member permanently secured to each tear-out portion and hingedly connected to the can, whereby the application of a prying force to the cover member will separate said tear-out portions from the can along the lines of weakness and thus form both a pouring opening and a separate vent opening.

2,105,446
TREATMENT OF LEATHER
John Arthur Wilson, Milwaukee, Wis., assignor, by mesne assignments, to Monsanto Chemical Company, a corporation of Delaware
No Drawing. Application April 1, 1935, Serial No. 14,125
5 Claims. (Cl. 149—6)

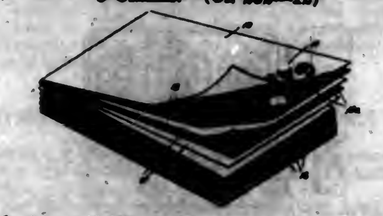
1. The improvement in treating leather comprising subjecting hides after tanning but before fatliquoring to the action of a solution of an alkali-metal polyphosphate formed by the reaction of an alkali metal metaphosphate and an alkali metal pyrophosphate.

2,105,447
LIGHTING FIXTURE
Albert L. Arenberg, Highland Park, Ill., assignor to Patent Licensc Corporation, Chicago, Ill., a corporation of Illinois
Application July 20, 1936, Serial No. 91,493
11 Claims. (Cl. 240—7.35)



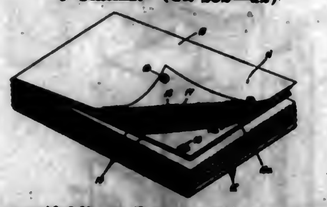
1. In a car lighting fixture, a longitudinally extending trough characterized by a transversely curved downwardly directed reflector and a vertically disposed face plate in the form of a translucent panel along one side of the reflector, lamp bulbs in the trough, and closely spaced louver strips which extend across the open face of the trough from the face plate in planes at right angles to the axis of the trough.

2,105,448
MANIFOLDING PILE
Carl W. Brenn, Montclair, N. J., assignor to Autographic Register Company, Hoboken, N. J., a corporation of New Jersey
Original application March 22, 1930, Serial No. 438,063. Divided and this application March 12, 1937, Serial No. 130,439
5 Claims. (Cl. 282—12)



1. A manifolding pile comprising a plurality of continuous worksheet strips and a continuous carbon strip interposed between two adjacent worksheet strips, the carbon strip having apertures arranged at intervals therealong inwardly removed from its lateral edges to provide zones of face-to-face direct contact of adjacent worksheet strips with each other extending longitudinally of the pile; and means located along said pile and in said zones of direct contact for securing the adjacent worksheet strips together and holding the carbon sheet strip captive in the pile.

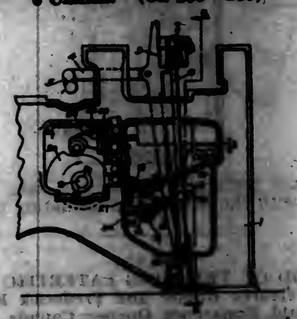
2,105,449
MANIFOLDING PILE
Carl W. Brenn, Montclair, N. J., assignor to Autographic Register Company, Hoboken, N. J., a corporation of New Jersey
Original application March 22, 1930, Serial No. 438,063. Divided and this application March 12, 1937, Serial No. 130,440
6 Claims. (Cl. 282—12)



1. A manifolding pile comprising a plurality of continuous worksheet strips and a continuous carbon strip interposed between adjacent worksheet strips, said strips having transverse lines of severance at form-lengths along which the pile may be severed, thereby producing a set of worksheets and interleaved carbon sheet or sheets, the carbon strips being of substantially the same width as the worksheet strips and having cutouts at both lateral margins and located at sheet-length intervals along the pile to provide zones of face-to-face direct contact of the adjacent worksheet strips with each other; and means

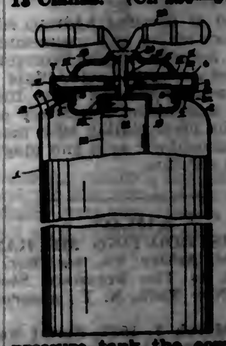
located in said zones of direct contact for securing the worksheet strips together at both lateral margins, said cut-outs and means located therein being both wholly located between the lines of severance to hold the worksheets of a severed set in registration and to hold the carbon sheets captive between the worksheets.

2,105,450
LOOM
Carl D. Brown, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application December 9, 1936, Serial No. 114,869
6 Claims. (Cl. 139—146)



2. A fly shuttle loom having a lay reciprocating on a horizontal rocker shaft, a substantially vertical picker stick carried by the lay, a lug strap support on said picker stick intermediate the ends thereof, a bell crank lever mounted for oscillation about an approximately vertical axis located inwardly and rearwardly from said picker stick, said lever having angularly related arms one of which extends forwardly from said axis and terminates at a point below the level of said lug strap support, a lug strap connecting the forward end of said arm with said lug strap support, and cam operated means, engaging the other arm of said bell crank lever, for oscillating said bell crank lever and thereby actuating said picker stick.

2,105,451
PRESSURE TANK
Giles E. Bullock, Rochester, N. Y.
Application April 20, 1936, Serial No. 75,232
13 Claims. (Cl. 220—57)



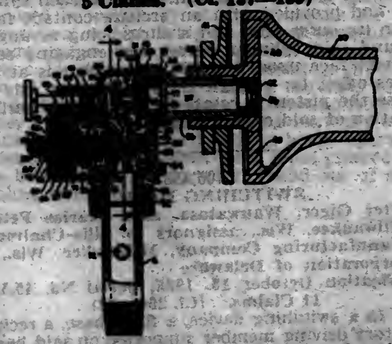
1. In a pressure tank the combination of a cylindrical tank open at one end, an open head for said open end, said head comprising a substantially cylindrical flange formed inwardly at both ends to provide a larger opening at one end and a smaller opening at the other end of the flange, the open end of said tank being attached to said flange at the smaller opening thereof to provide a seat surrounding the open end of said tank, a cover for said opening in said head adapted to move into the larger opening of said head and be seated on said seat surrounding the smaller opening thereof and the opening of said tank, inclined and spaced locking flanges formed by the overhanging flange surrounding the larger opening of said head, a locking bolt extending diagonally over said cover and mounted to rock thereon, a cam carried at the ends of said bolts and projecting radially from said cover so as to move thru the spaces between said locking flanges on the insertion of said cover into the head, and engage under said flanges on the rotation of the cover on the seat of the head and means for rocking said bolt to move said cams against said locking flanges and force said cover onto said seat.

2,105,452
PLATE CLAMP
Anthony S. Bank, Paterson, N. J., assignor to New Era Manufacturing Company, Paterson, N. J., a corporation of New Jersey
Application December 13, 1935, Serial No. 54,927
20 Claims. (Cl. 101—415.1)



1. In a printing cylinder having a gap and having a flexible plate wrapped about the cylinder with both bent-over ends of the plate arranged in mutual parallelism within the gap adjacent one of the edges of the gap, a clamping member, and means for yieldingly moving said member angularly with respect to the cylinder to grip both bent-over ends of the plate against said edge.

2,105,453
VALVE FOR HEATING APPARATUS
Lewis W. Eggleston, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application April 27, 1933, Serial No. 668,177
5 Claims. (Cl. 137—139)



1. In an apparatus of the character described, a hollow casing having a partition dividing said

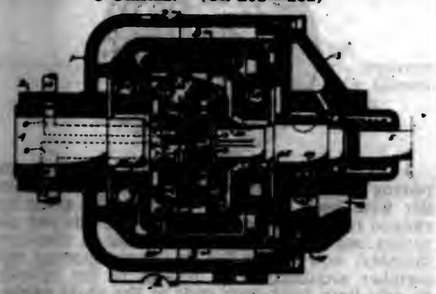
casing internally into a longitudinal chamber having relatively transversely directed inlet and outlet ports and a substantially cylindrical chamber positioned intermediate said inlet and outlet ports and with its longitudinal axis substantially parallel to the axis of said outlet, a valve member in said longitudinal chamber and cooperable with said outlet to control flow through said longitudinal chamber, a lever operatively connected to said valve member and extending longitudinally of said longitudinal chamber and into proximity to said outlet port, said partition having an aperture therethrough coaxial with said outlet and in overlying relation to the end of said lever, a plate member closing and sealing said other chamber and having pressure responsive means sealed thereto, a plunger extending through said aperture and operable to transmit movement from said responsive means to said lever, and a coil spring surrounding said plunger, said spring abutting said partition and resisting movement of said responsive means whereby to regulate the operation of said valve member.

2,105,454

PUMP OR MOTOR

Walter Ferris, Milwaukee, Wis., assignor to The Oilgear Company, Milwaukee, Wis., a corporation of Wisconsin

Application December 13, 1935, Serial No. 54,189
8 Claims. (Cl. 103—161)



1. A pump, comprising a casing, a pintle fixed in said casing and having ports and passages formed therein, a cylinder barrel journaled upon and carried by said pintle and provided with cylinders which communicate with said pintle ports alternately as said cylinder barrel rotates, said cylinders being inclined to the radii of said cylinder barrel, means for rotating said cylinder barrel, a cylindrical piston fitted in each cylinder and provided with an arcuate contact face upon its outer end, and a thrust ring arranged around said cylinder barrel and engaging said contact face upon a single spot which is at all times offset far enough from the piston axis to cause the piston to rotate in its cylinder during rotation of said cylinder barrel.

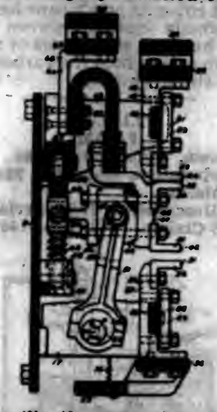
2,105,455

SWITCHING DEVICE

Walter Giger, Wauwatosa, and Charles Peter, Milwaukee, Wis., assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application October 18, 1935, Serial No. 45,552
11 Claims. (Cl. 200—82)

1. In a switching device, a fixed base, a reciprocatory driving member supported on said base, an insulating member pivotally mounted on said driving member, a contact member rigidly mounted on said insulating member, another insulating member rigidly mounted on said base,



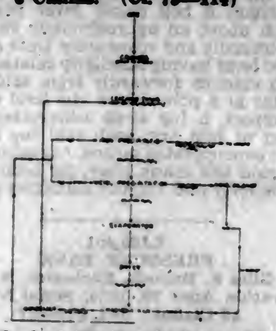
and means resiliently connecting said contact member with the second said insulating member.

2,105,456

METHOD OF TREATING LATERITIC ORES

William George Hubler and Frederick Ratcliffe Archibald, Duparquet, Quebec, Canada, assignors to Ventures Limited, Toronto, Ontario, Canada

Application April 24, 1937, Serial No. 138,690
6 Claims. (Cl. 75—114)



1. A method of treating hydrous silicate ores, containing iron, nickel and magnesium, such as garnierite or noumeite which comprises leaching the crushed ore with a cold, dilute solution of hydrochloric acid, removing from the resulting solution iron and nickel selectively and in the order named by precipitation with magnesia and recovering hydrochloric acid and magnesia from the remaining solution.

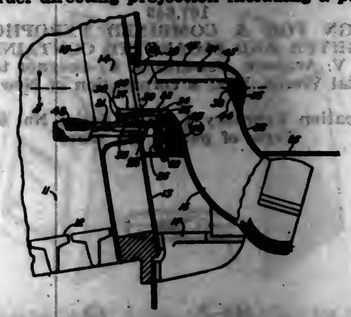
2,105,457

FUEL DISTRIBUTING MECHANISM

John H. Ichter, Ashley, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y., a corporation of Delaware

Application March 2, 1933, Serial No. 656,224
Renewed October 3, 1936
6 Claims. (Cl. 110—101)

1. As a new article of manufacture, an integral cast metal fuel distributor nozzle having a fluid admission end and a fluid emission end, jet openings in the last named end of said nozzle, said nozzle having a top surface above the plane of said jet openings forming a support for the fuel passing thereover, and a fuel directing projection on said top surface extending from the fluid admission to the fluid emission end of said nozzle, said fuel directing projection including a pair of



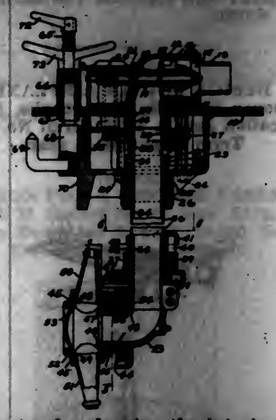
inclined faces intersecting in a plane vertically bisecting the nozzle in the direction of flow and extending laterally a greater distance at the fluid emission end of said nozzle than at the fluid admission end thereof, that portion of said top surface which extends laterally of said fuel directing projection being flat and uninterrupted.

2,105,458

APPARATUS FOR CLEANING CONTAINERS

Le Baron R. Johnson, Bronxville, N. Y., assignor to Oakite Products, Inc., a corporation of New York

Application December 20, 1934, Serial No. 758,511
12 Claims. (Cl. 220—57)



1. Apparatus for cleaning the interior surfaces of tanks and the like comprising, a plurality of nozzles radially extending from a central point and disposed in a common plane, a passageway connected to said nozzles for delivering fluid under pressure thereto, means for slowly rotating said nozzles about an axis spaced from but parallel to their common plane, and means for rotating said nozzles more slowly about an axis disposed substantially at right angles to said first mentioned axis, the relationship between the two rotary movements being such that said nozzles define a substantially spiral path.

2,105,459

HYDRATED TITANIUM-IRON ARSENATES AND METHOD OF MAKING SAME

Charles J. Kinzie and Eugene Wainer, Niagara Falls, N. Y., assignors to The Titanium Alloy Manufacturing Company, New York, N. Y., a corporation of Maine

No Drawing. Application February 28, 1936, Serial No. 66,312
18 Claims. (Cl. 23—53)

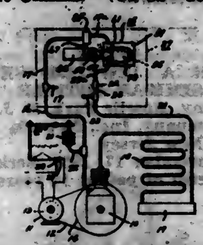
1. A method of making a hydrated titanium-iron arsenate which comprises bringing together an oxidized titanium-iron sulphate solution and an arsenite-free sodium arsenate solution, allowing the reaction to proceed to formation of a precipitate, separating the latter from the solution, washing the precipitate to remove impurities, and finally drying the resulting hydrated titanium-iron arsenate.

2,105,460

REFRIGERATING APPARATUS

Richard S. Gaugler, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application March 28, 1934, Serial No. 717,703
Renewed August 29, 1936
10 Claims. (Cl. 62—105)



1. A continuous freezing apparatus for producing ice blocks including, a container for holding a body of water, a plurality of cooling elements disposed in said body of water, means for refrigerating said plurality of cooling elements to a temperature to cause ice to form thereon, and means for stopping the refrigerating effect of one of said plurality of cooling elements independently of and while the refrigerating effect of other of said plurality of cooling elements continues, said last named means being operable automatically in response to a force created by the buoyancy of ice formed on said one of said cooling elements.

DESIGNS

JANUARY 11, 1938

107,847
DESIGN FOR A COFFEE BREWER
Charles Abrams, Chicago, Ill., assignor to Universal Coffee Co., Chicago, Ill., a corporation of Illinois
Application November 12, 1937, Serial No. 72,817
Term of patent 7 years



The ornamental design for a coffee brewer, substantially as shown.

107,848
DESIGN FOR A JEWELRY SETTING OR SIMILAR ARTICLE
Percy J. Armeny, Roselle Park, N. J., assignor to Baker & Company, Inc., Newark, N. J., a corporation of New Jersey
Application November 17, 1937, Serial No. 72,955
Term of patent 14 years



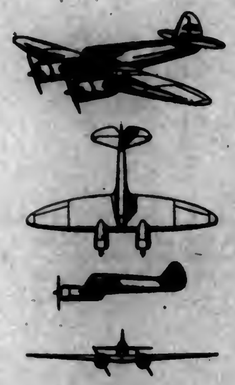
The ornamental design for a jewelry setting or similar article, as shown.

107,849
DESIGN FOR A COMBINED PYROPHORIC LIGHTER AND CIGARETTE CONTAINER
Louis V. Aronson, Newark, N. J., assignor to Art Metal Works, Inc., a corporation of New Jersey
Application February 1, 1937, Serial No. 67,375
Term of patent 3½ years



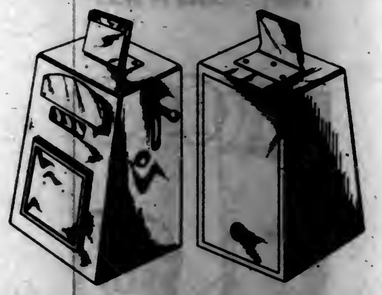
The ornamental design for a combined pyrophoric lighter and cigarette container substantially as shown.

107,850
DESIGN FOR AN AIRPLANE
Donovan R. Berlin, Eggertsville, N. Y.
Application July 8, 1937, Serial No. 70,305
Term of patent 14 years



The ornamental design for an airplane substantially as shown.

107,851
DESIGN FOR A CABINET FOR CHECK CONTROLLED APPARATUS
Sol Brown, Newark, N. J.
Application November 22, 1937, Serial No. 73,106
Term of patent 7 years



The ornamental design for a cabinet for check controlled apparatus, as shown.

107,852
DESIGN FOR A CHAIR SEAT
John Willie Burks, Madison, Ala.
Application November 16, 1937, Serial No. 72,935
Term of patent 7 years



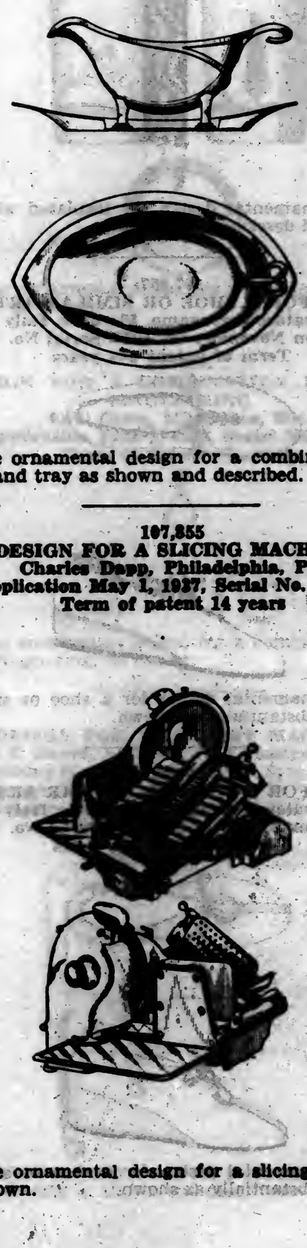
The ornamental design for a chair seat as shown.

107,853
DESIGN FOR A TEXTILE FABRIC
Frederick M. Robert Burns, New York, N. Y.
Application December 9, 1937, Serial No. 73,509
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

107,854
DESIGN FOR A COMBINED GRAVY BOAT AND TRAY
Minn S. Cornell, Jr., Middletown, Conn., assignor, by mesne assignments, to The Middletown Silver Company
Application July 13, 1937, Serial No. 70,387
Term of patent 7 years

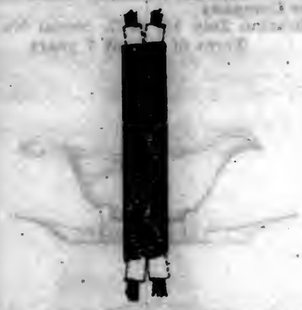


The ornamental design for a combined gravy boat and tray as shown and described.

107,855
DESIGN FOR A SLICING MACHINE
Charles Depp, Philadelphia, Pa.
Application May 1, 1937, Serial No. 69,102
Term of patent 14 years

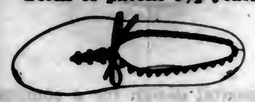
The ornamental design for a slicing machine as shown.

167,856
DESIGN FOR INSULATED WIRE
Clarence A. Farrar, Whitman, Mass.
Application September 11, 1936, Serial No. 64,993
Term of patent 14 years



The ornamental design for insulated wire as shown and described.

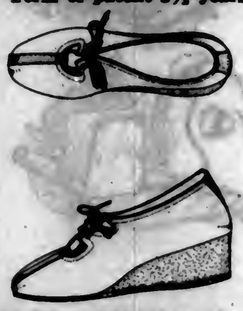
167,857
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Salvatore Ferragamo, Florence, Italy
Application November 26, 1937, Serial No. 73,060
Term of patent 3½ years





The ornamental design for a shoe or similar article, substantially as shown.

167,858
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Salvatore Ferragamo, Florence, Italy
Application November 26, 1937, Serial No. 73,061
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown.

167,859
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Salvatore Ferragamo, Florence, Italy
Application November 26, 1937, Serial No. 73,062
Term of patent 3½ years



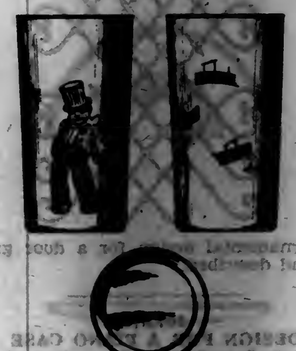
The ornamental design for a shoe or similar article, substantially as shown.

167,860
DESIGN FOR A MILK STOOL
Robert G. Ferris, Harvard, Ill., assignor to Starline Inc., Harvard, Ill., a corporation of Illinois
Application June 12, 1937, Serial No. 69,812
Term of patent 14 years



The ornamental design for a milk stool, as shown and described.

167,861
DESIGN FOR A TUMBLER
Edwin W. Fuerst, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application November 26, 1937, Serial No. 73,184
Term of patent 7 years



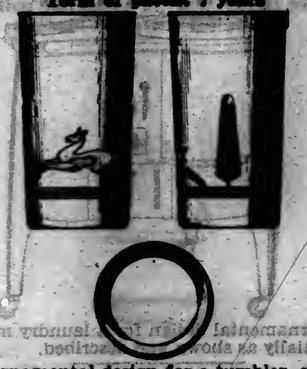
The ornamental design for a tumbler substantially as shown.

167,862
DESIGN FOR A TUMBLER
Edwin W. Fuerst, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application November 26, 1937, Serial No. 73,185
Term of patent 7 years



The ornamental design for a tumbler substantially as shown.

167,863
DESIGN FOR A TUMBLER
Edwin W. Fuerst, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application November 26, 1937, Serial No. 73,187
Term of patent 7 years



The ornamental design for a tumbler, substantially as shown.

167,864
DESIGN FOR A COMBINATION KEY AND FINGER RING
Emil Gross, Milwaukee, Wis.
Application June 1, 1937, Serial No. 69,642
Term of patent 3½ years



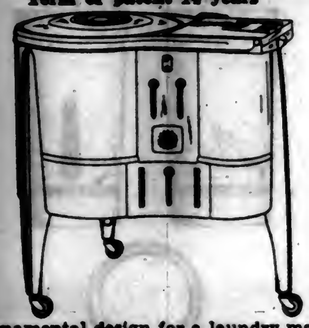
The ornamental design for a combination key and finger ring, as shown.

167,865
DESIGN FOR A LAUNDRY MACHINE
Kent C. Haven, Syracuse, N. Y., assignor to Easy Washing Machine Corporation, Syracuse, N. Y., a corporation of Delaware
Application November 1, 1937, Serial No. 72,559
Term of patent 14 years



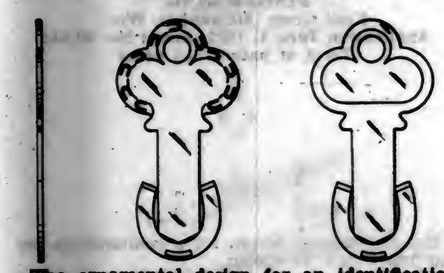
The ornamental design for a laundry machine, substantially as shown and described.

107,866
DESIGN FOR A LAUNDRY MACHINE
Kent C. Haven, Syracuse, N. Y., assignor to Easy Washing Machine Corporation, Syracuse, N. Y., a corporation of Delaware
Application November 1, 1937, Serial No. 72,560
Term of patent 14 years



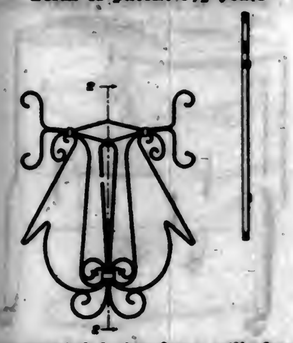
The ornamental design for a laundry machine, substantially as shown and described.

107,867
DESIGN FOR AN IDENTIFICATION TAG
William E. Hicks, St. Louis, Mo.
Application August 12, 1937, Serial No. 71,046
Term of patent 14 years



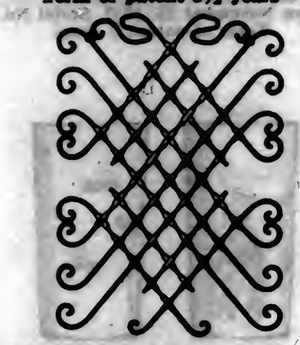
The ornamental design for an identification tag, substantially as shown.

107,868
DESIGN FOR A GRILLE FOR WINDOWS AND THE LIKE
Robert H. Hutchinson, Dallas, Tex.
Application June 19, 1937, Serial No. 69,946
Term of patent 3½ years



The ornamental design for a grille for windows and the like, as shown.

107,869
DESIGN FOR A DOOR GRILLE
Robert H. Hutchinson, Dallas, Tex.
Application September 25, 1937, Serial No. 71,792
Term of patent 3½ years



The ornamental design for a door grille, as shown and described.

107,870
DESIGN FOR A PIANO CASE
Leo Jiranek, Scarsdale, N. Y., assignor to Hardman, Peck and Company, New York, N. Y., a corporation of New York
Application October 19, 1937, Serial No. 72,314
Term of patent 7 years



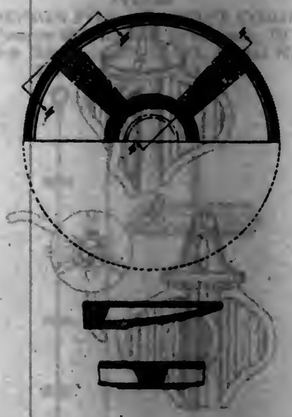
The ornamental design for a piano case, as shown and described.

107,871
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,775
Term of patent 3½ years



The ornamental design for a plate or similar article, substantially as shown and described.

107,872
DESIGN FOR A TORTE PLATE OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,777
Term of patent 3½ years



The ornamental design for a torte plate or similar article, substantially as shown and described.

107,873
DESIGN FOR AN ASHTRAY OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,785
Term of patent 3½ years



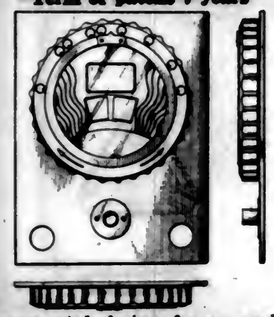
The ornamental design for an ashtray or similar article, substantially as shown.

107,874
DESIGN FOR A FINGER RING
John J. Klecka, Brooklyn, N. Y., assignor to J. R. Wood & Sons, Inc., Brooklyn, N. Y., a corporation of New York
Application October 29, 1937, Serial No. 72,503
Term of patent 14 years



The ornamental design for a finger ring, as shown.

107,275
DESIGN FOR A COMBINED DIAL AND PANEL FOR BATTERY TESTERS
John Harold Keiseth, Newark, N. J., assignor to Atlas Supply Company, Newark, N. J., a corporation of Delaware
Application September 9, 1937, Serial No. 71,529
Term of patent 7 years



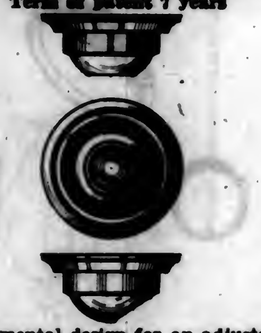
The ornamental design for a combined dial and panel for battery testers, as shown.

107,276
DESIGN FOR A SHOE
David Levin, New York, N. Y.
Application November 30, 1937, Serial No. 73,272
Term of patent 3½ years



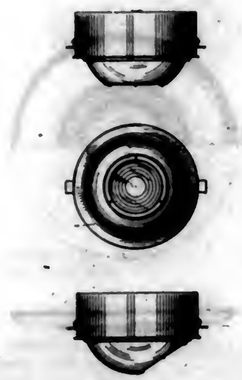
The ornamental design for a shoe, substantially as shown.

107,277
DESIGN FOR AN ADJUSTABLE CEILING LIGHTING FIXTURE OR SIMILAR ARTICLE
Joseph Levy, New York, N. Y., assignor to Century Lighting, Inc., a corporation of New York
Application November 11, 1937, Serial No. 72,810
Term of patent 7 years



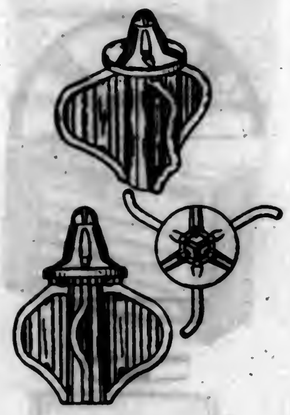
The ornamental design for an adjustable ceiling lighting fixture or similar article, as shown and described.

107,278
DESIGN FOR AN ADJUSTABLE CEILING LIGHTING FIXTURE OR SIMILAR ARTICLE
Joseph Levy, New York, N. Y., assignor to Century Lighting, Inc., a corporation of New York
Application November 11, 1937, Serial No. 72,811
Term of patent 7 years



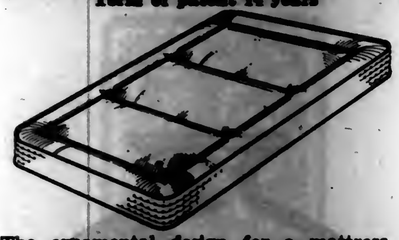
The ornamental design for an adjustable ceiling lighting fixture or similar article, as shown and described.

107,279
DESIGN FOR AN AGITATOR
Thomas J. Litle, Jr., Syracuse, N. Y., assignor to Easy Washing Machine Corporation, Syracuse, N. Y., a corporation of Delaware
Application November 1, 1937, Serial No. 72,561
Term of patent 14 years



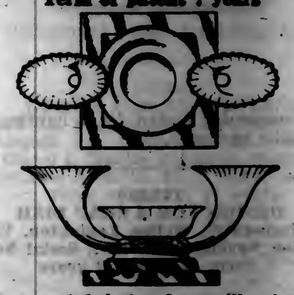
The ornamental design for an agitator substantially as shown.

107,280
DESIGN FOR A MATTRESS
Max Marmack, Milwaukee, Wis., assignor to Li-On Bedding Company, Milwaukee, Wis., a corporation of Wisconsin
Application August 14, 1937, Serial No. 71,663
Term of patent 14 years



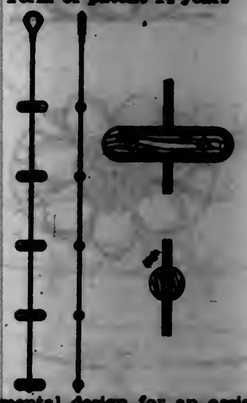
The ornamental design for a mattress, as shown.

107,281
DESIGN FOR AN ILLUMINATED CENTERPIECE
Josephine C. Minahin, Beverly Hills, Calif.
Application July 24, 1937, Serial No. 70,603
Term of patent 7 years



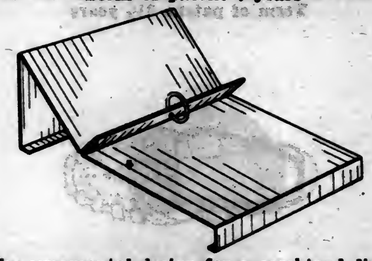
The ornamental design for an illuminated centerpiece, as shown.

107,282
DESIGN FOR AN ASSIST CORD
George W. Nesbitt, Sycamore, Ill.
Application November 23, 1937, Serial No. 73,130
Term of patent 14 years



The ornamental design for an assist cord, as shown.

107,283
DESIGN FOR A COMBINED DISPLAY AND RETAINER SUPPORT
Guy E. Neel, Muncie, Ind.
Application May 17, 1937, Serial No. 69,891
Term of patent 7 years



The ornamental design for a combined display and retainer support as shown.

107,284
DESIGN FOR A CASING FOR A SUCTION CLEANER OR SIMILAR ARTICLE
Frank L. Pierce, North Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio
Application June 13, 1936, Serial No. 63,287
Term of patent 14 years



The ornamental design for a casing for a suction cleaner or similar article, as shown and described.

107,285
DESIGN FOR A CORN POPPER
Edward S. Preston, Hinsdale, Ill., assignor to Chicago Electric Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application November 29, 1937, Serial No. 73,242
Term of patent 7 years



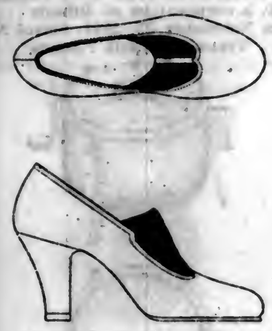
The ornamental design for a corn popper substantially as shown.

107,886
DESIGN FOR A SHOE
Clarence B. Snyder, Athol, Mass., assignor to Ansin Shoe Mfg. Co., Athol, Mass., a corporation of Massachusetts
Application November 22, 1937, Serial No. 73,098
Term of patent 3½ years



The ornamental design for a shoe substantially as shown and described.

107,887
DESIGN FOR A SHOE
Alfred Vamos, New York, N. Y., assignor to Bancroft Walker Company, Waltham, Mass., a corporation of Massachusetts
Application June 19, 1937, Serial No. 69,927
Term of patent 3½ years



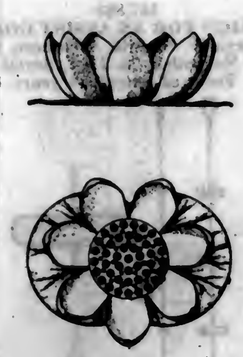
The ornamental design for a shoe substantially as shown and described.

107,888
DESIGN FOR A LIGHTING FIXTURE
John H. Waterbury, Chicago, Ill., assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill., a corporation of Illinois
Application October 25, 1937, Serial No. 72,405
Term of patent 7 years



The ornamental design for a lighting fixture substantially as shown.

107,889
DESIGN FOR A SOAP DISH
Elizabeth G. Welles, Lexington, Va.
Application November 24, 1937, Serial No. 73,176
Term of patent 7 years



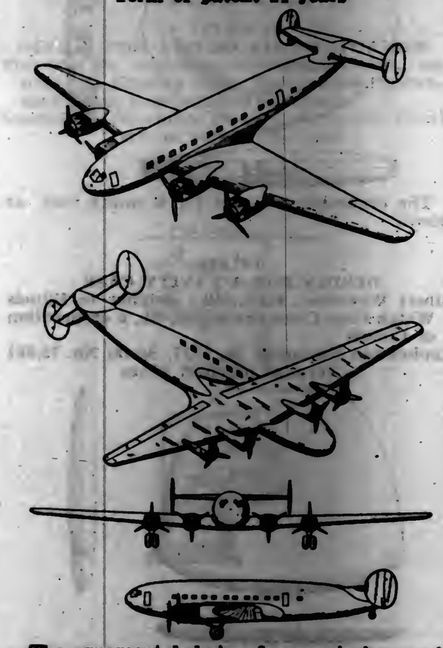
The ornamental design for a soap dish, as shown.

107,890
DESIGN FOR A RUG
Richard F. Bemperad, New York, N. Y., assignor to Atlantic Rug Co., Inc., New York, N. Y., a corporation of New York
Application November 11, 1937, Serial No. 72,797
Term of patent 7 years



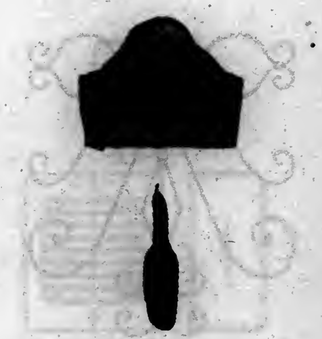
The ornamental design for a rug, as shown.

107,891
DESIGN FOR AN AIRPLANE
Berthoud C. Boulton, Towson, and James S. McDonnell, Jr., Baltimore, Md., assignors to The Glenn L. Martin Company, Baltimore, Md.
Application April 15, 1937, Serial No. 68,792
Term of patent 14 years



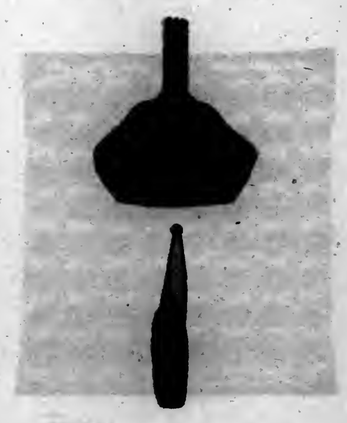
The ornamental design for an airplane, substantially as shown and described.

107,892
DESIGN FOR A HANDBAG
Henri Felmann, Chicago, Ill.
Application December 8, 1937, Serial No. 73,476
Term of patent 3½ years



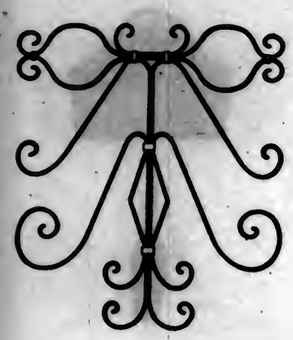
The ornamental design for a handbag, substantially as shown and described.

107,893
DESIGN FOR A HANDBAG
Henri Felmann, Chicago, Ill.
Application December 8, 1937, Serial No. 73,478
Term of patent 3½ years



The ornamental design for a handbag, substantially as shown and described.

107,294
DESIGN FOR A GRILLE
Robert H. Hutchinson, Dallas, Tex.
Application September 28, 1937, Serial No. 71,793
Term of patent 3½ years



The ornamental design for a grille, as shown and described.

107,295
DESIGN FOR A COMFORTABLE
Janet May, New York, N. Y.
Application November 10, 1937, Serial No. 72,741
Term of patent 3½ years



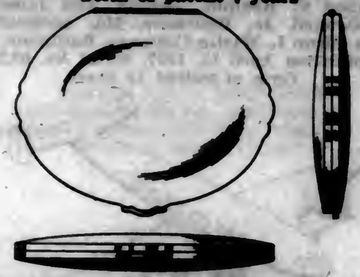
The ornamental design for a comfortable, substantially as shown.

107,296
DESIGN FOR A CUFF LINK
Edwin S. Iltz, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a corporation of New York
Application October 11, 1937, Serial No. 72,121
Term of patent 7 years



The ornamental design for a cuff link, as shown.

107,297
DESIGN FOR A VANITY CASE
Albert Wewetzer, Elgin, Ill., assignor to Illinois Watch Case Company, Elgin, Ill., a corporation of Illinois
Application November 20, 1937, Serial No. 73,080
Term of patent 7 years



The ornamental design for a vanity case, as shown.

107,298
DESIGN FOR A VANITY CASE
Albert Wewetzer, Elgin, Ill., assignor to Illinois Watch Case Company, Elgin, Ill., a corporation of Illinois
Application November 20, 1937, Serial No. 73,081
Term of patent 7 years



The ornamental design for a vanity case, as shown.

107,299
DESIGN FOR A TEXTILE FABRIC
Hans W. Weber, North Bergen, N. J.
Application October 5, 1937, Serial No. 71,977
Term of patent 3½ years



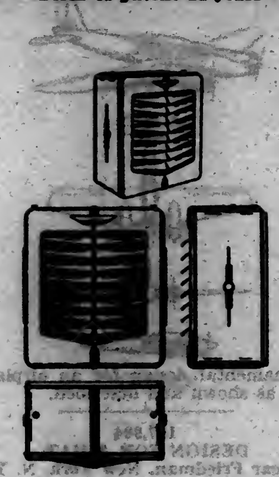
The ornamental design for a textile fabric, substantially as shown.

107,300
DESIGN FOR A MEDICATED VAPORIZER
Theodore A. Anderson, Indianapolis, Ind., assignor to Electric Vapor Corporation, Indianapolis, Ind., a corporation of Indiana
Application November 17, 1937, Serial No. 72,947
Term of patent 3½ years



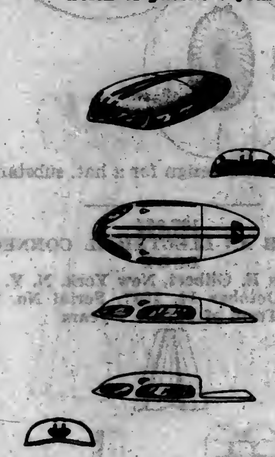
The ornamental design for a medicated vaporizer, as shown.

107,301
DESIGN FOR AN AIR CONDITIONING CASING
Charles A. Arnold, Cranston, and Eric P. Hanson, Providence, R. I., assignors to General Fire Extinguisher Company, Providence, R. I., a corporation of Delaware
Application November 26, 1937, Serial No. 73,194
Term of patent 14 years



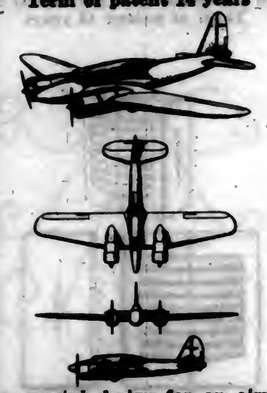
The ornamental design for an air conditioning casing as shown.

107,302
DESIGN FOR A TOP FOR AUTOMOTIVE VEHICLES
Lynn Brodien, Collingswood, N. J.
Application August 7, 1935, Serial No. 58,003
Term of patent 7 years



The ornamental design for a top for automotive vehicles as shown and described.

167,903
DESIGN FOR AN AIRPLANE
Fredric E. Flader, Kenmore, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation, a corporation of New York
Application May 26, 1936, Serial No. 82,837
Term of patent 14 years



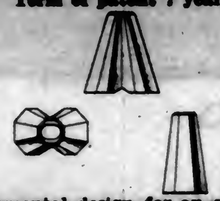
The ornamental design for an airplane substantially as shown and described.

167,904
DESIGN FOR A HAT
Oscar Friedman, New York, N. Y.
Application November 23, 1937, Serial No. 73,122
Term of patent 3½ years



The ornamental design for a hat, substantially as shown.

167,905
DESIGN FOR AN ELECTRICAL CONNECTER BODY
Charles E. Gilbert, New York, N. Y.
Application October 14, 1937, Serial No. 72,171
Term of patent 7 years



The ornamental design for an electrical connecter body substantially as shown.

167,906
DESIGN FOR AN EMBROIDERED FABRIC
Leo L. Kahn, New York, N. Y.
Application December 8, 1937, Serial No. 73,458
Term of patent 3½ years



The ornamental design for an embroidered fabric, substantially as shown.

167,907
DESIGN FOR AN EMBROIDERED FABRIC
Leo L. Kahn, New York, N. Y.
Application December 8, 1937, Serial No. 73,459
Term of patent 3½ years



The ornamental design for an embroidered fabric, substantially as shown.

167,908
DESIGN FOR A DRESS ENSEMBLE
Ida Lampel, New York, N. Y.
Application December 8, 1937, Serial No. 73,452
Term of patent 3½ years



The ornamental design for a dress ensemble, substantially as shown.

167,909
DESIGN FOR A BLOUSE
Arthur M. Lowenthal, Rochester, N. Y., assignor to Max Lowenthal & Sons, Rochester, N. Y., a co-partnership consisting of Arthur M. Lowenthal and Eugene M. Lowenthal
Application October 1, 1937, Serial No. 71,920
Term of patent 14 years



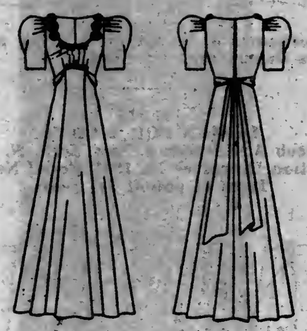
The ornamental design for a blouse as shown.

167,910
DESIGN FOR AN EMBROIDERED TEXTILE FABRIC
William G. Meier, Mamaroneck, N. Y.
Application November 4, 1937, Serial No. 72,606
Term of patent 3½ years



The ornamental design for an embroidered textile fabric, substantially as shown and described.

167,911
DESIGN FOR A DRESS
Margaret Michelsen, New York, N. Y.
Application December 8, 1937, Serial No. 73,457
Term of patent 3½ years



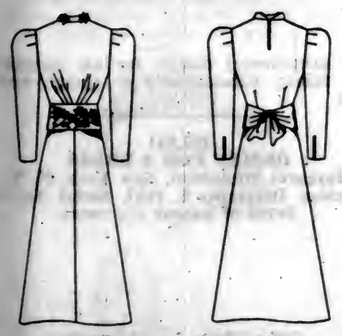
The ornamental design for a dress, substantially as shown.

107,912
DESIGN FOR A NEGLIGEE
Robert Rosenfeld, New York, N. Y.
Application December 9, 1937, Serial No. 73,496
Term of patent 3½ years



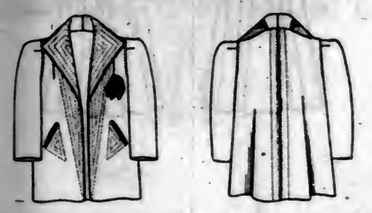
The ornamental design for a negligee, substantially as shown.

107,913
DESIGN FOR A DRESS
Marie Eileen Smith, New York, N. Y.
Application November 10, 1937, Serial No. 72,743
Term of patent 3½ years



The ornamental design for a dress, substantially as shown, and described.

107,914
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application December 13, 1937, Serial No. 73,577
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

107,915
DESIGN FOR A DRESS
Philip Wenett, New York, N. Y.
Application December 8, 1937, Serial No. 73,449
Term of patent 3½ years



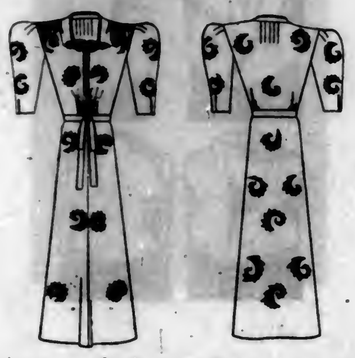
The ornamental design for a dress, substantially as shown.

107,916
DESIGN FOR A LACE INSERT OR SIMILAR ARTICLE
Gustav Zellweger, Palisades, N. J.
Application December 17, 1937, Serial No. 73,675
Term of patent 3½ years



The ornamental design for a lace insert or similar article as shown and described.

107,917
DESIGN FOR A DRESS
Jacob Abbate, New York, N. Y.
Application December 9, 1937, Serial No. 73,481
Term of patent 3½ years



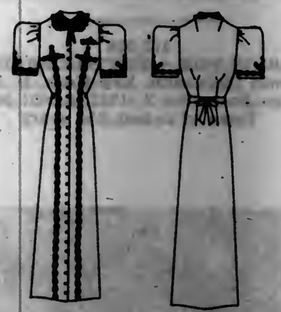
The ornamental design for a dress substantially as shown.

107,918
DESIGN FOR A DRESS
Jacob Abbate, New York, N. Y.
Application December 9, 1937, Serial No. 73,485
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

107,919
DESIGN FOR A DRESS
Jean Bensi, New York, N. Y.
Application November 30, 1937, Serial No. 73,271
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

107,920
DESIGN FOR A SCARF BLOUSE
Joseph F. Berlinger, New York, N. Y.
Application November 17, 1937, Serial No. 72,943
Term of patent 3½ years



The ornamental design for a scarf blouse, substantially as shown.

107,921
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Marcel Christen, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application December 18, 1937, Serial No. 73,714
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

107,922
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Marcel Christen, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application December 18, 1937, Serial No. 73,715
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

107,923
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Marcel Christen, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application December 18, 1937, Serial No. 73,717
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

107,924
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Marcel Christen, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application December 18, 1937, Serial No. 73,718
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

107,925
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Marcel Christen, New York, N. Y., assignor to Yale Fabrics Corp., New York, N. Y.
Application December 18, 1937, Serial No. 73,719
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

107,926
DESIGN FOR A TEXTILE FABRIC
Louis Eichmann, New York, N. Y.
Application December 8, 1937, Serial No. 73,444
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown, and described.

107,927
DESIGN FOR A TEXTILE FABRIC
Louis Eichmann, New York, N. Y.
Application December 8, 1937, Serial No. 73,445
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

107,928
DESIGN FOR A DRESS
Pauline Franchia, New York, N. Y.
Application December 8, 1937, Serial No. 73,434
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

107,929
DESIGN FOR A CUSHION
Ruth Green, New York, N. Y.
Application May 28, 1937, Serial No. 69,613
Term of patent 7 years



The ornamental design for a cushion, as shown.

107,930
DESIGN FOR A TEXTILE FABRIC
Stanley S. S. McNiel, New York, N. Y.
Application December 1, 1937, Serial No. 73,291
Term of patent 3½ years



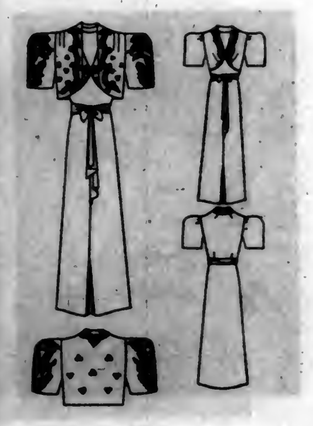
The ornamental design for a textile fabric substantially as shown.

167,931
DESIGN FOR A DRESS
Margaret Michelsen, New York, N. Y.
Application November 30, 1937, Serial No. 73,265
Term of patent 3½ years



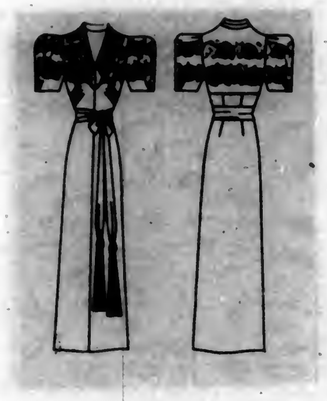
The ornamental design for a dress, substantially as shown and described.

167,932
DESIGN FOR A DRESS ENSEMBLE
Marie Fusa, New York, N. Y.
Application December 2, 1937, Serial No. 73,330
Term of patent 3½ years



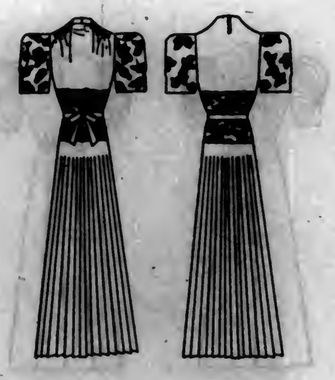
The ornamental design for a dress ensemble, substantially as shown and described.

167,933
DESIGN FOR A DRESS
Sallie S. Schwartz, New York, N. Y.
Application December 4, 1937, Serial No. 73,365
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

167,934
DESIGN FOR A DRESS
Fannie Sussman, New York, N. Y.
Application November 30, 1937, Serial No. 73,272
Term of patent 3½ years



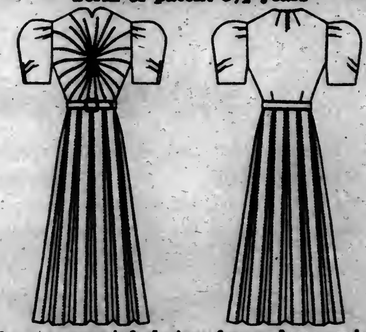
The ornamental design for a dress substantially as shown and described.

167,935
DESIGN FOR A DRESS
Samuel Zahn, New York, N. Y.
Application November 30, 1937, Serial No. 73,266
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

167,936
DESIGN FOR A DRESS
Samuel Zahn, New York, N. Y.
Application December 4, 1937, Serial No. 73,347
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

Patents Nos. 2,105,461 to 2,106,158

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January 18, 1938

Trade-Marks	177—No.	383,726 to No.	383,902, inclusive.
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Labels	7—No.	20,822 to No.	20,828, inclusive.
Prints	4—No.	16,625 to No.	16,628, inclusive.
Reissues	9—No.	20,623 to No.	20,631, inclusive.
Plant Patents	1—No.	235	
Patents	692—No.	2,105,461 to No.	2,106,158, inclusive.
Designs	125—No.	107,957 to No.	108,081, inclusive.
Total	1,016		

Adjudicated Patents

(C. C. A. N. J.) Meikle patent, No. 1,266,517, for rectifier, *Held* invalid. *General Electric Co.* v. *Frucht*, 92 F.(2d) 447.

(C. C. A. N. J.) Friederich patent, No. 1,393,520, for inclosed arc device and the method of starting the same, claims 1, 6, 8, and 14 *Held* invalid. *Id.*

(C. C. A. Md.) Cimoresi patent, No. 1,467,7bu, for toy torpedo, *Held* valid and infringed. *Commercial Novelty Co.* v. *Victory Fireworks & Specialty Co.*, 92 F.(2d) 299. (Correcting notice 485 O. G. 764.)

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,897,741, H. Ulrich and K. Saurwein, Sulphuric ester of glycol ethers, decided December 30, 1937, claims 1 and 3.

Pat. 1,986,503, G. M. Cross, Brake controlling mechanism and the like, decided November 6, 1937, claims 1 and 2.

Pat. 2,054,059, W. J. Longtin, Hosiery, decided December 28, 1937, claims 1, 2, 3, 4, 5, 6, 7, 18, and 19.

Pat. 2,063,342, A. L. Samuel, Electron discharge device, decided December 6, 1937, claims 1, 2, 3, 4, 5, 6, and 14.

Disclaimers

1,699,491.—*Christian Miller*, New York, N. Y. PUSH BUTTON-SWITCH CONSTRUCTION. Patent dated January 15, 1929. Disclaimer filed December 15, 1937, by the patentee; the assignee, *Edwards and Company, Inc.*, assenting and consenting.

Hereby enters this disclaimer to claim 17 of said Letters Patent.

2,080,984.—*Constant A. Miseres*, Montreal, Quebec, Canada. APPARATUS FOR ATTACHING FASTENERS. Patent dated May 18, 1937. Disclaimer filed December 22, 1937, by the assignee, *Talon, Inc.*

Hereby disclaims claims 17 and 18 from the scope of said Letters Patent.

NOTICE

Board of Appeals—Decisions—Time for Response

U. S. PATENT OFFICE, *Washington, January 28, 1935.*

There appears to be some confusion among attorneys and applicants as to the time within which action must be taken in applications following a decision of the Board of Appeals.

The decision of the Board of Appeals is "an action" in the application, and, in order to save the application from abandonment, amendment must be filed within six months from the date of that decision unless an appeal has been taken to the Court of Customs and Patent Appeals or review of the decision sought by a bill in equity under section 4915.

The Examiner will not notify the applicant of the decision of the Board of Appeals.

CONWAY P. COE,
Commissioner.

Applicant's Address

The requirement of Rule 33, that the post-office address of the applicant must be stated in the petition, means that the applicant must give the post-office address at which he customarily receives his mail.

The rule was made in order that the Office in necessary cases might correspond directly with the applicant and not through his attorney. The address of the attorney with instructions to send communications to the applicant in his care will not be accepted as a compliance with this rule.

Condition of Applications Under Examination at Close of Business December 31, 1937

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 43,331; Trade-Mark Division, 1,620. Oldest new case, June 10, 1937; oldest amended, June 12, 1937.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6324	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Aug. 2	Aug. 7	721
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco, Butchering; Bee Culture.	Sept. 4	Sept. 2	772
4088	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Nov. 3	Nov. 1	235
7083	4. DONNELLY, A. E. (Act.), Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Oct. 1	Sept. 22	494
2977	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons..	Oct. 2	Oct. 4	531
4090O	6. LEWERS, A. M., Carbon Chemistry (part)	Sept. 28	Sept. 29	784
5726	7. JARBOE, C. G., Optics; Photography	Sept. 17	Sept. 17	1060
3925	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Sept. 13	Sept. 13	676
4626	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Sept. 2	Sept. 1	515
6813	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies, and Tops; Vehicle Fenders; Spring Devices.	Aug. 31	Aug. 30	816
4087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Oct. 1	Oct. 2	504
7701	12. HENRY, C. O., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Aug. 4	Aug. 4	730
8096	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging, and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Aug. 20	Aug. 20	649
8097	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Oct. 2	Oct. 1	880
4087	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Sept. 16	Sept. 16	1179
8716	16. SPENCER, C. J., Telegraphy; Telephony	Aug. 31	Aug. 31	816
8701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Oct. 2	Oct. 2	506
4013	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 7	Sept. 1	460
4088	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Sept. 4	Sept. 8	770
6886	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Sept. 9	Sept. 8	458
7732	21. THOMPSON, T. J., Textiles; Cloth Finishing	Oct. 1	Oct. 8	880
8089	22. RINGLE, D., Armaments; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults and Targets; Boats and Buoys; Ships; Marine Propulsion.	Oct. 6	Oct. 6	868
7024	23. BUTTNER, W. J., Registers (part)	June 10	June 12	319
8063	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Oct. 5	Oct. 4	625
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Oct. 1	Sept. 27	803
8068	26. YOUNG, R. R., Electricity, Generation; Motive Power	Sept. 7	Sept. 7	499
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	July 21	July 21	961
4089	28. SOLYOM, H. L., Internal-Combustion Engines	Oct. 4	Oct. 4	332
8063	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Sept. 1	Sept. 1	815
4080	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Treating Materials and Humidostats.	Aug. 1	Aug. 1	995
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Oct. 1	Oct. 1	842
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitation	Sept. 23	Sept. 26	814
6886	33. WYMAN, W. L., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Sept. 17	Sept. 17	850
6886	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Oct. 16	Oct. 12	226
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Oct. 6	Oct. 7	528
7082	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Aug. 23	Aug. 31	564
8063B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Sept. 1	Sept. 2	776
3984	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	Aug. 20	Aug. 31	626
4078	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Aug. 20	Aug. 24	642
7089	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Sept. 1	Sept. 1	1288
7013	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Sept. 20	Sept. 16	397
8062	42. CUTTING, H. O., Electric Signaling	Aug. 31	Aug. 13	686
4086B	43. KLINGE, E. P., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Sept. 13	Sept. 14	570
4087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Aug. 7	Aug. 3	800
7085	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Sept. 17	Sept. 17	718
4013	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Cooling Implements and Machines.	Sept. 2	Sept. 2	634
6082	47. LOWE, J. R. (Act.), Clutches; Brakes	Sept. 25	Sept. 22	661
8781	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Sept. 20	Sept. 20	527
7726	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	July 13	July 6	802
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Oct. 1	Oct. 1	903
8083	51. BACKUS, C. D., Radiant Energy	Sept. 21	Sept. 21	511
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Sept. 24	Sept. 24	852
6897	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Toilet, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Sept. 1	Sept. 1	881
8074	54. STRACHAN, C. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Oct. 14	Oct. 18	420
6083	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	July 20	Aug. 11	1069
4728	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Aug. 13	Aug. 13	1142
6813	57. NICOLSON, C. D. C., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Sept. 2	Sept. 1	466
8086	58. DOWELL, E. F., Abrading; Bottles and Jars	Sept. 21	Sept. 8	371
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Sept. 24	Sept. 25	614
8060	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Sept. 7	Sept. 7	549
6724	61. PARKS, C. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	July 16	July 15	696
8021	62. PUGH, E. C., Games; Geometrical Instruments	Oct. 11	Oct. 2	541
4082	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Sept. 27	Sept. 27	388
4709	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue Liquid Coating Compositions; Fuel.	Sept. 26	Sept. 28	1062
8012	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Aug. 30	Sept. 1	674
3990B	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND	Trade-Marks	Nov. 16	Dec. 16	1235
		Labels and Prints	Nov. 11	Dec. 1	391
3905	DESIGNS, H. H. KALUPY		Dec. 1	Dec. 15	607

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Circuit Court of Appeals—Second Circuit

WETTLAUFER AND THE N. S. TYLER COMPANY
v.
ROBINS AND ROBINS CONVEYING BELT COMPANY

Decided November 8, 1937

[— F.(2d) —]

INTERFERENCE—APPLICATION AND PATENT—BILL IN EQUITY BY APPLICANT.

Where in an applicant-patentee interference priority was awarded to applicant by the Board of Appeals and its decision was reversed by the Court of Customs and Patent Appeals on appeal by patentee, *Held* the applicant may thereafter bring a bill in equity under sec. 4915 R. S.

APPEAL from the District Court of the United States for the Southern District of New York.

Suit in equity under R. S. section 4915 as amended (35 U. S. C. A. sec. 63) by Wettlaufer and his assignee against Robins and his assignee, for a decree canceling Patent No. 1,993,940 issued to Robins, and directing the issuance of a patent on Wettlaufer's application. From a decree dismissing their bill of complaint, the plaintiffs have appealed. From an order refusing an interlocutory decree for injunction and accounting on the defendant's counterclaim charging patent infringement by the plaintiffs, the defendants have appealed. Decree reversed; order affirmed.

Mr. Horace B. Fay, Mr. John S. Powers, and *Messrs. Cooper, Kerr and Dunham*, solicitors for plaintiffs-appellants.

Mr. Stephen H. Philbin, solicitor for defendants-appellants.

Before: MANTON, SWAN, and CHASE, Circuit Judges.

SWAN, *Cir. J.*:

In an interference proceeding in the Patent Office between Wettlaufer, one of the plaintiffs, and Robins, one of the defendants, priority of invention was awarded by the Examiner of Interferences to Robins, to whom Patent No. 1,993,940 had been issued on December 4, 1928. On appeal by Wettlaufer the Board of Appeals reversed the decision of the Examiner. Robins then appealed to the Court of Customs and Patent Appeals which reversed the decision of the Board and reinstated Robins' priority. *Robins v. Wettlaufer*, 81 F.(2d) 882. Immediately thereafter, the plaintiffs filed their bill under R. S. sec. 4915 as amended (35 U. S. C. A. sec. 63) to obtain a decree canceling the patent issued to Robins and directing the Commissioner to issue a patent on Wettlaufer's application. The defendants filed their answer and counterclaim charging infringement by the plaintiffs of the Robins patent. On the defendants' motion, the complaint was dismissed on the ground that it did not state a cause of action under section 63 of title 35; and from such decree of dismissal the plaintiffs have appealed. The defendants moved for an interlocutory decree upon their counterclaim, infringement being admitted, and they have appealed from an order denying their motion on the ground that all proceedings on the counterclaim should be suspended pending determination of the plaintiffs' appeal. The two appeals are here together.

The plaintiffs' appeal raises an interesting and novel question as to the meaning of section 63 and its applicability to the facts alleged in the bill of complaint. The specific question is whether in an applicant-patentee interference an applicant who was successful before the Board of Appeals but unsuccessful before the Court of Customs and Patent Appeals, to which the patentee-interferant appealed, may bring suit under R. S. sec. 4915 as amended to litigate again the question of priority.

It is conceded that prior to its amendment in 1927, section 4915 would have given the plaintiffs their remedy by suit in equity, despite the adverse decision on appeal from the Board of Appeals; but the defendants contend that the amendment precludes suit after the question of priority was decided by the Court of Customs and Patent Appeals. The district court so held. The material portion of the section as amended (35 U. S. C. A. sec. 63) reads as follows:

"Sec. 63. Bill in equity to obtain patent. Whenever a patent on application is refused by the Commissioner of Patents, the applicant, unless appeal has been taken from the decision of the Board appeals to the United States Court of Customs and Patent Appeals,* and such appeal is pending or has been decided, in which case no action may be brought under this section, may have remedy by bill in equity * * *"

Literally the words of the "unless" clause would seem to include a decision on appeal regardless of which party took an appeal, but the plaintiffs persuasively argue that they should be construed to refer only to an appeal by an applicant unsuccessful before the Board of Appeals, and not to an appeal by a patentee-interferant defeated before the Board. In view of the long history of the remedy under section 4915 and the purpose of the 1927 amendments to this and other cognate sections of the statutes, we are of opinion that the construction for which the plaintiffs contend must be adopted.

The origin of section 4915 goes back to section 16, act of July 4, 1836 (5 Stat. 123). This gave a remedy by bill in equity

"whenever a patent on application shall have been refused on an adverse decision of a Board of Examiners, on the ground that the patent applied for would interfere with an unexpired patent previously granted."

By section 52 of the act of July 8, 1870 (16 Stat. 205), the remedy was made available

"whenever a patent on application is refused, for any reason whatever, either by the Commissioner or by the Supreme Court of the District of Columbia upon appeal from the Commissioner."

*As originally enacted the appeal from the Board of Appeals was to the Court of Appeals of the District of Columbia. 44 Stat. 1336. By the act of March 2, 1929, the jurisdiction vested in the Court of Appeals of the District of Columbia in respect of appeals from the Patent Office in patent and trade-mark cases was transferred to the United States Court of Customs and Patent Appeals (45 Stat. 1476).

But an appeal to the Supreme Court of the District was allowed only in ex parte cases; interference cases were excluded. R. S. sec. 4911. Section 9 of the act of February 9, 1893 (27 Stat. 436) transferred from the Supreme Court of the District of Columbia to the Court of Appeals of the District jurisdiction of appeals from decisions of the Commissioner of Patents, and granted such an appeal in interference cases. However, that court's decision of such an appeal was held not to preclude a suit under section 4915. *Dover* v. *Greenwood*, 143 F. 136 (C. C. R. I.); *Bernardin* v. *Northall*, 77 F. 849, 851 (C. C. Ind.). Thus, for many years, it had been the policy of Congress to permit an applicant who was refused a patent by the departmental tribunals of the Patent Office—and even after review by the Court of Appeals of the District of Columbia—to have his asserted property right to the invention determined de novo by a court of original jurisdiction. Similar protection is extended by R. S. sec. 4918 (35 U. S. C. A. sec. 66) whenever there are interfering patents. As this court said in *Syracuse Washing Mach. Corp.* v. *View*, 72 F.(2d) 410, 411, the amendments of 1927 must be construed in the light of this historical background.

The purpose of the amendments was to reduce the number of appeals in the Patent Office (35 U. S. C. A. sec. 7), to require a defeated applicant to elect between appealing to the Court of Appeals of the District of Columbia and suing under section 4915 (35 U. S. C. A. sec. 63), and when an applicant in an interference appealed from the Board of Appeals, to permit his adversary to have the appeal dismissed and further proceedings conducted by bill in equity (35 U. S. C. A. sec. 59a).* Thus, no refused applicant was to be deprived of his right to sue in equity after an adverse decision by the Board of Appeals, except by his own election to appeal to the Court of Appeals of the District of Columbia, or, if such appeal was dismissed at the instance of his adversary, by his own failure to file his bill within 30 days thereafter. In *Bakelite Corp.* v. *National Aniline & Chemical Co.*, 83 F.(2d) 176, we said that the statute, as it now reads, means to give alternative remedies to an applicant to whom a patent has been refused. Such was the intent of the legislation as explained in the report of the legislative committee of the House (H. R. Report No. 1889, 69th Cong., 2nd Sess.), where it was stated that "under the proposed procedure the defeated party has all the rights and remedies that he had under the old procedure, * * *"

See also, the report of the Senate Committee. (Sen. Report No. 1813, 69th Cong., 2nd Sess.). In the case of an applicant-patentee interference, if the applicant is successful before the Board of Appeals he cannot appeal to the Court of Patent Appeals; nor, if the patentee-interferant appeals, can the applicant elect to have the appeal dismissed and require the appellant to proceed by bill in equity. *Farmer* v. *Schweyer*, 58 F.(2d) 1056 (Cust. & Pat. App.); *Bloodhart* v. *Levernier*, 64 F.(2d) 367 (Cust. & Pat. App.). This is necessarily so because the remedy provided by section 63, namely, judgment that the plaintiff is entitled to receive a patent, is not appropriate or available to an interferant to whom a patent has already been issued. *MacGregor* v. *Chesterfield*, 81 F.(2d) 791 (D. C. Mich.); *Heidbrink* v. *McKesson*, 53 F.(2d) 321, 322 (C. C. A. 6). Furthermore, there could be no refusal by the Commissioner of a patent on Wettlaufer's application until the decision of the Court of Customs and Patent Appeals in favor of Robins. Had that decision been in favor of Wettlaufer a patent would have been issued to him and the question of priority between the two patentees could have been litigated de novo under section 66. Since the decision was in favor of Robins, the Commissioner's action on Wettlaufer's application was thereafter controlled by it (section 62). It was then that a patent on application was refused and Wettlaufer's right to a remedy by bill in equity arose. We can find nothing in section 59 (a) or section 63, when construed in the light of their purpose, which destroys that remedy. We conclude, therefore, that the appeal referred to in section 63 is an appeal by a defeated applicant, not an appeal by a patentee-interferant. Accordingly, the decree dismissing the complaint must be reversed.

It is unnecessary to consider the defendants' appeal from the order refusing an interlocutory decree on the counterclaim, for they concede that their appeal cannot succeed if the question of priority of invention is still open in the plaintiffs' suit under section 63. We have held that it is.

On the plaintiffs' appeal, decree reversed; on the defendants' appeal, order affirmed.

*Section 59a reads as follows:
"If any applicant is dissatisfied with the decision of the Board of Appeals, he may appeal to the United States Court of Customs and Patent Appeals, in which case he waives his right to proceed under section 63 of this title. If any party to an interference is dissatisfied with the decision of the Board of Appeals, he may appeal to the United States Court of Customs and Patent Appeals, provided that such appeal shall be dismissed if any adverse party to such interference shall, within twenty days after the appellant shall have filed notice of appeal according to section 60 of this title, file notice with the Commissioner of Patents that he elects to have all further proceedings conducted as provided in section 63. Thereupon the appellant shall have thirty days thereafter within which to file a bill in equity under said section 63, in default of which the decisions appealed from shall govern the further proceedings in the case. If the appellant shall file such bill within said thirty days and shall file due proof thereof with the Commissioner of Patents, the issue of a patent to the party awarded priority by said Board of Appeals shall be withheld pending the final determination of said proceeding under said section 63."

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,255,513. (See 1,305,065.)

1,262,980 (a), S. B. Smith, Incubator, D. C. Oreg. (Portland), Doc. E 9463, *S. B. Smith* v. *J. L. Russell*. Dismissed with prejudice Nov. 1, 1937. Same, D. C., N. D. Calif. (San Francisco), Doc. E 3642-S, *S. B. Smith* v. *H. Hempel*. Dismissed without prejudice for want of prosecution Nov. 1, 1937.

1,262,980 (b), S. B. Smith, Incubator, Re. 18,984 (of 1,728,980), J. L. Robbins, same, D. C. Colo. (Denver), Doc. 10674, *S. B. Smith* v. *Robbins Incubator Co. et al.* Dismissed without prejudice Oct. 20, 1937.

1,305,065, 1,255,513, S. G. Conkling, Shock absorber, filed Nov. 4, 1937, D. C., N. D. Ill., E. Div., Doc. 15846, *S. G. Conkling* v. *The Cleveland Pneumatic Tool Co.*

1,320,634, J. A. Moller, Typewriting ribbon, D. C., S. D. N. Y., Doc. E 79/207, *Standard Products Corp.* v. *Wellington Sears Co.* Consent order of discontinuance without prejudice (notice Nov. 12, 1937). Doc. E 79/379, *Standard Products Corp.* v. *Freydberg Bros., Inc.* Decree as above.

1,325,665, 1,325,667, A. G. Crawford, Refrigerant and process of making same; 1,439,728, same, Refrigerating process, filed Nov. 6, 1937, D. C. Ill., S. Div., Doc. E 2285, *Trojan Development Co.* v. *Standard Oil Co.*

1,325,667. (See 1,325,665.)

1,327,358, J. S. Brennan, Wick; 1,403,229, same, Fabric for oil wick, appeal filed Nov. 9, 1937, C. C. A., 2d Cir., Doc. —, *National Enameling & Stamping Co.* v. *G. White.*

1,374,454, P. Kucera, Apparatus for assembling cellular forms, D. C., S. D. N. Y., Doc. E 84/93, *Partition Machinery Co.* v. *Dubl-Cushion Egg Carton, Inc.* Consent order of discontinuance without prejudice (notice Nov. 9, 1937).

1,386,418, C. D. Miller, Auxiliary wind shield, D. C., S. D. Calif. (Los Angeles), Doc. E 1005-Y, *C. D. Miller* v. *J. E. Wrightsman* (*Hartford Auto Glass Co.*). Claims 1, 2, and 3 held valid and infringed Nov. 5, 1937.

1,403,229. (See 1,327,358.)

1,437,122, G. F. Wells, Electrical cooking utensil; 1,470,899, 1,534,431, same, Electrical waffle iron, D. C., N. D. Calif. (San Francisco), Doc. E 4041-R, *Wells Mfg. Co.* v. *Sears, Roebuck & Co.* Dismissed without prejudice for want of prosecution Nov. 1, 1937.

1,439,728. (See 1,325,665.) 1,470,899. (See 1,437,122.)

1,513,637, M. Schwartz, Bushing; 1,633,555, F. R. Burgess, Container and sealing means therefor; 1,887,435, F. W. Sample, Method of closing and sealing an opening in a metal container; 1,982,144, J. W. Shera, Closure device for metallic container opening; 1,982,145, same, Closure device for metallic containers, filed Nov. 3, 1937, D. C., E. D. Pa., Doc. 9863, *American Flange & Mfg. Co., Inc.*, v. *Publicker Commercial Alcohol Co. et al.*

1,534,431. (See 1,437,122.)

1,596,628, I. Roskin, Finger ring, D. C., S. D. N. Y., Doc. E 83/154, *M. J. Bernstein et al.* v. *Karlan & Bleicher, Inc.* Dismissed with prejudice (notice Nov. 5, 1937).

1,619,454, O. Zerk, Lubricant receiving nipple; 1,619,455, same, Lubricating nipple, filed Oct. 3, 1937, D. C., N. D. Ill., E. Div., Doc. 15820, *Stewart-Warner Corp.* v. *V. L. Jacobs.*

1,619,455. (See 1,619,454.)

1,622,957. (See Re. 18,852.)

1,627,356, H. F. Towner, Disc cultivator, filed Nov. 8, 1937, D. C., S. D. Calif. (Los Angeles), Doc. E 17 ND, *H. B. Rapp et al.* (*Towner Mfg. Co.*) v. *Goble Disc Works, Inc.*

1,633,555. (See 1,513,637.)

1,728,980. (See 1,262,980 (b).)

1,729,068, H. Fischer, Process of removing soap from its container; 1,751,301, R. M. Bagley, Apparatus for making soap solution, filed Nov. 10, 1937, D. C., E. D. Pa., Doc. 9869, *R. M. Hollingshead Corp.* v. *Harley Soap Co.*

1,734,641, 1,900,611, E. J. Ney, Window ventilator, D. C., S. D. N. Y., Doc. E 80/267, *J. Ney et al.* v. *Orange Screen Co.* Bill, answer, and counterclaim dismissed without prejudice (notice Nov. 10, 1937).

1,743,965, H. Garrett, System for operating traffic-controlling and fire-alarm apparatus, filed Nov. 9, 1937, D. C., N. D. Tex. (Abilene), Doc. 374, *National Electric Signal Co.* v. *City of Abilene, Tex.*

1,751,301. (See 1,729,068.)

1,779,277, 1,960,380, W. Jordan, Archery bow, filed in D. C., S. D. Fla. (Miami), Doc. —, *South Bend Bait Co.* v. *Tycoon Tackle, Inc.*

1,800,719, S. S. Cramer, Electrical condenser, filed Nov. 9, 1937, D. C., E. D. N. Y., Doc. E 8414, *Condenser Development Corp.* v. *Venable Condenser Corp.*

1,815,768, A. Georgiev, Electrolyte, D. C., S. D. N. Y., Doc. E 76/392, *Aerovox Corp.* v. *Polymont Mfg. Corp.* Dismissed without prejudice (notice Nov. 4, 1937).

1,817,856. (See Des. 82,007.)

1,818,923, H. J. Taylor, Method of applying an advertising medium to bakers' products; 1,849,774, same, Bread package, D. C., S. D. Ohio, E. Div., Doc. 1197, *The Packaging Advertising Corp.* v. *Ohio Wax Paper Co.* Decree for plaintiff Nov. 5, 1937.

1,820,259, K. Wandel, Tissue pad, filed Nov. 8, 1937, D. C., S. D. N. Y., Doc. E 86/39, *National Cellulose Corp.* v. *Federated Mills, Inc.*

1,820,849. (See Des. 82,007.)

1,823,004, 1,891,728, J. R. Replogle, Refrigerating unit; 1,833,846, A. W. Mellowes, Air cooling and water freezing evaporator for mechanical refrigeration apparatus; Re. 19,778, T. J. Little, Jr., Method of making evaporators, filed Nov. 9, 1937, D. C., S. D. N. Y., Doc. E 86/40, *Nash-Kelvinator Corp.* v. *Interstate Refrigerator Corp.*

1,833,846. (See 1,823,004.)

1,836,781. (See Des. 82,007.)

1,836,782. (See Des. 82,007.)

1,849,774. (See 1,818,923.)

1,885,276, R. C. McKay, Automatic card shuffler and dealer; 1,992,085, same, Method of dealing playing cards, D. C., S. D. N. Y., Doc. E 82/1, *R. C. McKay* v. *F. H. Richards, Inc., et al.* Consent decree holding patents valid (notice Nov. 5, 1937).

1,887,435. (See 1,513,637.) 1,891,728. (See 1,823,004.)

1,900,611. (See 1,734,641.)

1,908,288, J. Friedman, Garment, D. C., S. D. N. Y., Doc. E 83/36, *E. Friedman* v. *R. H. Macy & Co., Inc.* Consent decree dismissing bill upon merits (notice Nov. 9, 1937). Doc. E 83/49, *E. Friedman* v. *Gimbel Bros., Inc.* Decree as above.

1,910,715, Ryden & Schrodt, Garment, D. C., S. D. Calif. (Los Angeles), Doc. E 1243-J, *M. R. Barnes et al.* v. *Southwest Security Mortgage Corp.* Consent decree for plaintiff for injunction Nov. 5, 1937.

1,935,567. (See Des. 82,007.)

1,940,639, L. J. White, Prison locking system, filed Nov. 2, 1937, D. C., N. D. Ill., E. Div., Doc. 15845, *Southern Prison Co.* v. *Great Lakes Construction Co. et al.*

1,945,480, E. M. Deems, Bond; 2,045,126, same, Conductor, filed Nov. 5, 1937, D. C., S. D. N. Y., Doc. E 86/37, *Railroad Accessories Corp.* v. *Ohio Brass Co.*

1,960,380. (See 1,779,277.)

1,961,607, J. A. Forsch, Child's garment, D. C., S. D. N. Y., Doc. E 79/284, *Acme Underwear Co., Inc., et al.* v. *J. Levy et al.* (*Leybro Mfg. Co.*). Dismissed (notice Nov. 3, 1937).

1,980,157, 2,093,116, S. L. Wolfson, Electric cigar lighter; 2,060,783, P. E. Ashton, same, filed Nov. 10, 1937, D. C. Conn. (New Haven). Doc. E 2662, *The Cuno Engineering Corp.* v. *B. F. Mochl et al.*

1,980,769. (See Des. 82,007.)

1,982,144. (See 1,513,637.)

1,982,145. (See 1,513,637.) 1,992,085. (See 1,885,276.)

1,995,696, R. N. Wallach, Strand and material formed from the same, filed Nov. 4, 1937, D. C., S. D. N. Y., Doc. E 86/36, *Sylvania Industrial Corp.* v. *Fibre Cord Co., Inc.*

2,004,320, R. F. McClenathan, Shoe pressing machine, filed Oct. 18, 1937, D. C., N. D. Ill., E. Div., Doc. 15825, *Lamac Process Co.* v. *Santo Domino et al.*

2,018,584. (See Re. 18,513.)

2,039,101, E. Hertzberg, Method of recovering books, filed Nov. 4, 1937, D. C., E. D. N. Y., Doc. E 9407, *Library Binding Service, Inc.*, v. *Picture Corner Bindings, Inc., et al.*

2,045,128. (See 1,945,488.) 2,060,782. (See 1,960,157.)

2,066,225, N. Frankel, Detachable and adjustable cap for garments, filed Nov. 18, 1937, D. C., E. D. N. Y., Doc. E 9416, *N. Frankel* v. *Sears, Roebuck & Co.*

2,066,116. (See 1,960,157.)

Re. 18,278, W. L. Morris, Grease feeder, D. C., E. D. Wis. (Milwaukee), Doc. 4957, *Stewart-Warner Corp. et al.* v. *J. & R. Motor Supply Co.* Claims 16, 19, 20, 22, 25, 27, 29, 30, 32, 46, 47, 48, 55, 56, 57, and 61 held valid and infringed Nov. 5, 1937.

Re. 18,513 (of 2,018,584), F. H. Watson, Pneumatic inner tube and valve stem, filed Nov. 10, 1937, D. C., N. D. Ohio, Doc. 5665, *Jenkins Bros.* v. *The B. F. Goodrich Co.*

Re. 18,984. (See 1,262,860 (b).)

Re. 19,778. (See 1,823,004.)

Des. 82,007, 1,817,854, J. Teller, Cabinet gas range; Des. 82,769, same, Coal range; 1,836,761, 1,836,762, same, Stove structure; 1,820,849, Des. 87,032, 1,960,769, Teller & Schuls, Gas or electric cooking range; Des. 85,354, Des. 85,626, same, Gas or electric cabinet cook stove or range; 1,935,567, H. H. Heidbreder, Range, filed Nov. 3, 1937, D. C., E. D. Pa., Doc. 9865, *J. Teller et al.* v. *Montgomery Ward & Co., Inc.*

Des. 82,769. (See Des. 82,007.)

Des. 85,354. (See Des. 82,007.)

Des. 85,626. (See Des. 82,007.)

Des. 87,032. (See Des. 82,007.)

Des. 96,968, A. Greenspan, Dress, D. C., S. D. N. Y., Doc. E 81/235, *Century Frocks, Inc.*, v. *Dorjon Dress Co., Inc.* Consent order of discontinuance (notice Nov. 9, 1937).

Des. 99,427, M. A. Opolinsky, Textile fabric, D. C., S. D. N. Y., Doc. E 83/93, *Apollo Fabrics, Inc.*, v. *Aaron Friedman et al.* (*Rainbow Silk Co.*). Consent order of discontinuance (notice Nov. 9, 1937).

Des. 100,241, F. H. Wright, Bootee, D. C., E. D. Wis. (Milwaukee), Doc. 4967, *The Stetson Shoe Co., Inc.*, v. *Frank Shoe Mfg. Co.* Patent held valid and infringed Nov. 3, 1937.

Des. 101,000, H. C. Johnson, Juice extractor, filed Oct. 1, 1937, D. C., N. D. Ill., E. Div., Doc. 15618, *H. C. Johnson* (*National Die Casting Co.*) v. *Chicago Die Casting Mfg. Co.*

Des. 102,946, D. M. Furman, Beaded handbag fabric, D. C., S. D. N. Y., Doc. E 85/20, *Kaplan & Gordon Corp.* v. *H. Schenker et al.* (*Marvel Bag Co.*). Consent order of dismissal (notice Nov. 5, 1937).

Des. 106,284, E. Cutler, Dress ensemble, filed Nov. 2, 1937, D. C., S. D. N. Y., Doc. E 86/41, *Les Cloire Costumes, Inc.*, v. *Hermona Frankon, Inc.*

Des. 106,400, D. W. Price, Dress, filed Nov. 3, 1934, D. C., S. D. N. Y., Doc. E 86/32, *Price-Schlesinger, Inc.*, v. *Gershire Frocks, Inc.* Same, filed Nov. 12, 1937, D. C., S. D. N. Y., Doc. E 86/44, *Price-Schlesinger, Inc.*, v. *Harry Keldin, Inc.*

Des. 106,625, E. Feintuck, Dress, filed Nov. 9, 1937, D. C., S. D. N. Y., Doc. E 86/42, *Nits Club Frocks, Inc.*, v. *Formal Dresses, Inc.*

TRADE-MARKS

OFFICIAL GAZETTE, JANUARY 18, 1938

[VOL. 486. No. 3]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

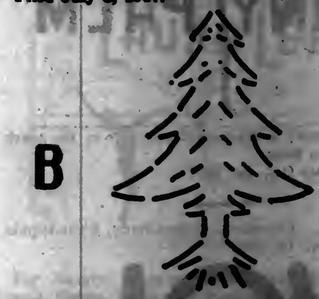
Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 394,971. BROOS BROTHERS, INC., New York, N. Y. Filed July 8, 1937.



FICHTENHARZ

The expression "Fichtenharz" is disclaimed apart from the mark.

For Especially Prepared and Compounded Preparation Containing Pitch and Used for Flavoring Lager Beer. Claims use since 1919.

Ser. No. 398,657. BECK, KOLLER & CO., INC., Detroit, and Ferndale Station, Detroit, Mich. Filed Oct. 19, 1937.

BECKAMINE

For Synthetic Resin for Use in the Industrial Arts. Claims use since Oct. 1, 1937.

Ser. No. 398,776. J. LASKIN SONS CORPORATION, New York, N. Y. Filed Oct. 21, 1937.



For Fur Skins for Use in Fur Coats and Fur Scarves. Claims use since Oct. 18, 1937.

Ser. No. 399,614. LYLE & SONS LIMITED, Luton, England. Filed Nov. 11, 1937.

MYO

For Partly Prepared Straw and Chip. Claims use since August, 1912.

Ser. No. 399,797. GOTTESMAN AND COMPANY, INCORPORATED, New York, N. Y. Filed Nov. 16, 1937.

SEAL



For Wood Pulp. Claims use since Apr. 5, 1933.

Ser. No. 399,883. GOTTESMAN AND COMPANY, INCORPORATED, New York, N. Y. Filed Nov. 18, 1937.

STREAM



For Wood Pulp. Claims use since May 12, 1933.

Ser. No. 400,097. FUNK BROS. SEED CO., INCORPORATED, Bloomington, Ill. Filed Nov. 24, 1937.

FUNKS HYBRID CORN

No claim is made to the words "Hybrid" and "Corn" apart from the mark.
For Seed Corn.
Claims use since Nov. 11, 1937.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 398,507. THE M. WERK COMPANY, St. Bernard, Ohio. Filed Oct. 14, 1937.

dirko

For Cleaning Compound for General Household Use.
Claims use since Oct. 7, 1937.

Ser. No. 398,889. ALBERT J. BURMAN, Kansas City, Mo. Filed Oct. 28, 1937.

BURMANITE

For All Purpose Cleansing Powder.
Claims use since Oct. 10, 1937.

Ser. No. 399,847. CHARLES M. MISSLER, doing business as Lightning Chemical Company, Raynor Heights, Md. Filed Nov. 17, 1937.

URICIDE

For Cleaner for Toilet Bowls and Urinals.
Claims use since Feb. 15, 1935.

Ser. No. 399,848. THE H. A. MONTGOMERY COMPANY, INC., Detroit, Mich. Filed Nov. 17, 1937.

MONCO

FLUSH-IT

For Cleaning Fluids, Particularly for Removing Oils and Grease from Any Surface.
Claims use since Oct. 27, 1937.

Ser. No. 399,849. THE H. A. MONTGOMERY COMPANY, INC., Detroit, Mich. Filed Nov. 17, 1937.

MONCO

For Cleaning Compounds Particularly Suited for Removing Grease and Dirt from Machinery and Other Metal Parts.
Claims use since Oct. 9, 1937.

Ser. No. 399,926. FEDERATED FOODS, INC., Chicago, Ill. Filed Nov. 19, 1937.

SUNNY PALM

The word "Palm" is disclaimed apart from the mark.
For Complexion Soap.
Claims use since Oct. 22, 1937.

Ser. No. 399,946. VOLCOCITE CORPORATION, Philadelphia, Pa. Filed Nov. 19, 1937.

VOL

For Dry Powdered Material Containing Volcanic Ash and Having Cleansing and Deodorant Properties and Particularly Adapted for Cleaning Enamel Ware, Porcelain, Silverware, Glass, Paints, Varnishes, Lacquers, and Metallic Surfaces.
Claims use since April, 1937.

CLASS 5

Adhesives

Ser. No. 396,878. KANTOROWICZ & CO., Breslau, Germany. Filed Aug. 28, 1937.

Senegalin

For Glue.
Claims use since Sept. 9, 1912.

Ser. No. 398,635. PLASKON COMPANY, INCORPORATED, Toledo, Ohio. Filed Oct. 18, 1937.

KAURIT

For Resin Glue Adhesives.
Claims use since Mar. 17, 1937.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 385,874. TONY BARONE, doing business as Laboratory Products Company, Detroit, Mich. Filed Nov. 23, 1936.

STOMATONE

For Medicinal Tablets for Use in the Treatment of Hyper-Acidity, Acid Indigestion, Heartburn, Colitis, and Constipation.
Claims use since Sept. 1, 1936.

Ser. No. 393,171. LAURA LEE HALL, doing business as Laura Lee, San Francisco, Calif. Filed May 24, 1937.

LAURA LEE

For Beauty Preparations—Namely, Preparations in Liquid, Cream, Solid, and Powdered Form for the Care of the Face, Hands, Skin, and Nails.
Claims use since July, 1936.

Ser. No. 395,076. NASSOUR BROS. INC. LTD., Los Angeles, Calif. Filed July 10, 1937.

Windsor House

The word "Windsor" is disclaimed apart from the mark.
For After Shave Powder, After Shave Lotion, Shampoos, and Colognes.
Claims use since Sept. 21, 1936.

Ser. No. 395,724. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed July 28, 1937.

THERMOTABS

For Saline Tablet for Medicinal Use.
Claims use since July 14, 1937.

Ser. No. 396,927. THE MAZO COMPANY, Troy, Ala. Filed Aug. 30, 1937.

MAZO

For Medicinal Soothing Ointment.
Claims use since Mar. 1, 1937.

Ser. No. 397,340. MEDICI HERMANOS, Montevideo, Uruguay. Filed Sept. 11, 1937.

FLORISTELLA

For Sulphur.
Claims use since July 8, 1933.

Ser. No. 397,341. MINALL LABORATORIES INCORPORATED, Pasadena, Calif. Filed Sept. 11, 1937.

The drawing is lined for red.
For Blood Tonic, Suppositories for Treatment of Vaginal Diseases, Nose Drops, Pile Cones, Ointment, and Laxatives.
Claims use since Nov. 16, 1936.

Ser. No. 398,063. BECK, KOLLER & CO., INC., Detroit, Mich. Filed Oct. 4, 1937.

BKC

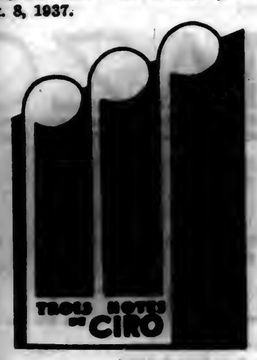
For Oils, Including Processed Oils and Synthetic Oils, for Use in the Industrial Arts.
Claims use since Sept. 16, 1937.

Ser. No. 398,206. JOSEPH ARTHUR KNOWLES, doing business as The Rhumuv Company, Sheffield, England. Filed Oct. 6, 1937.

RHUMUV

For Medicated Herbal Tablets for the Treatment of All Forms of Rheumatism, Including Muscular, Neuritis, Lumbago, Sciatica, Gout, and Rheumatoid Arthritis for Human Use.
Claims use since Apr. 23, 1933.

Ser. No. 398,278. GUY T. GIBSON, INC., New York, N. Y. Filed Oct. 8, 1937.



For Perfumes.
Claims use since Sept. 1, 1937.

Ser. No. 398,306. FLORENCE R. BARODDY, doing business as Baro Laboratories, Buffalo, N. Y. Filed Oct. 9, 1937.



The word "Phone" is disclaimed apart from the mark.
For Germicide Having Incidental Cleansing Properties Used for Disinfecting Telephones.
Claims use since Aug. 1, 1937.

Ser. No. 398,310. JOSEPH CASCONE, Brooklyn, N. Y. Filed Oct. 9, 1937.

Cascadine

THE
STAINLESS
IODINE

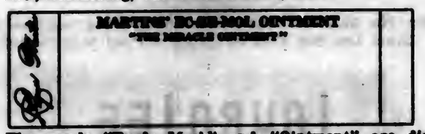
All wording except "Cascadine" is disclaimed from the mark.
For Iodine.
Claims use since Nov. 1, 1932.

Ser. No. 398,442. THE SMITH LABORATORIES CORPORATION, Kansas City, Mo. Filed Oct. 13, 1937.

O.M.
41

For Vaginal Jelly Used for Antiseptic Purposes.
Claims use since July 30, 1937.

Ser. No. 398,478. MARTINS' EC-ZE-MOL LABORATORIES, INC., Blacksburg, Va. Filed Oct. 14, 1937.



The words "Trade Mark" and "Ointment" are disclaimed apart from the mark. The facsimile signature is that of Logan Martin, president of applicant corporation.
For Ointment for Use in Treating Athlete's Foot, Ringworm, Sores, Itch, Piles, Poison Oak, Boils, Ulcers, and Eczema.
Claims use since Jan. 1, 1935.

Ser. No. 398,691. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed Oct. 19, 1937.

ESDAVITE

For Vitamin Containing Dietary Factors.
Claims use since Oct. 14, 1937.

Ser. No. 398,698. ELIZABETH ARDEN, INC., New York, N. Y. Filed Oct. 20, 1937.

GONE WITH THE WIND

For Perfumes.
Claims use since Sept. 20, 1937.

Ser. No. 398,699. ELIZABETH ARDEN, INC., New York, N. Y. Filed Oct. 20, 1937.

NOTHING SACRED

For Perfumes.
Claims use since Sept. 20, 1937.

Ser. No. 398,700. ELIZABETH ARDEN, INC., New York, N. Y. Filed Oct. 20, 1937.

STIMULASH

For Eyelash Grower.
Claims use since Oct. 13, 1937.

Ser. No. 398,725. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Oct. 20, 1937.

Adremin

For Pluriglandular Preparations in the Form of Tablets, Capsules, Extracts, Solutions, and the like for the Treatment of Hypoadrenia and Hypocrinism with Symptoms of Asthenia, Suboxidation, Hypotension, Etc.
Claims use since Oct. 11, 1937.

Ser. No. 398,832. ASTOR EXTERMINATING COMPANY, Boston, Mass. Filed Oct. 23, 1937.

ASTOREX

For Insecticides, Vermicides, Rat Poisons, and Disinfectants.
Claims use since Mar. 24, 1936.

Ser. No. 398,899. CLIFFORD S. GRAHAM, Columbus, Ohio. Filed Oct. 25, 1937.

Sun Draw

For Medicinal Salve for use in the Treatment of Eczema, Blood Poisoning, Foot Irritations, Boils, Cuts, and Various Kinds of Skin Infections and Irritations.
Claims use since Oct. 15, 1937.

Ser. No. 398,995. BUXHMAR LEONARD, Miami, Fla. Filed Oct. 27, 1937.



For General Tonic for Run Down Conditions.
Claims use since Oct. 25, 1937.

Ser. No. 399,068. ELIZABETH ARDEN, INC., New York, N. Y. Filed Oct. 29, 1937.

FIRM-O-LIFT

For Face Creams.
Claims use since Oct. 15, 1937.

Ser. No. 399,095. JOHN H. LYBARGER, Anderson, Ind. Filed Oct. 29, 1937.

KILL-ZIMA

For Preparation for Scalp and Interallied Treatments.
Claims use since July 1, 1936.

Ser. No. 399,127. CLEMATIS LABORATORIES INC., Waltham, Mass. Filed Oct. 30, 1937.

VALIUM

For Internal Medicine for Varicose Veins, Varicose Ulcers, and Hemorrhoids.
Claims use since Oct. 1, 1937.

Ser. No. 399,143. JACOB LAATIKAINEN, Red Lodge, Mont. Filed Oct. 30, 1937.



Jacob Laatikainen

LAATIKAINEN'S
LINIMENT

The word "Liniment" is disclaimed apart from the mark. The picture is that of applicant.
For Liniment for the Relief of Colds, Neuralgia, Rheumatism, Sore Throat, Tonsilitis, Backache, Insect Bites and Stings, and Similar Disorders Where the Liniment can be applied externally.
Claims use since June 17, 1937.

Ser. No. 399,190. JOCKERS AND SON, Wichita, Kans. Filed Nov. 1, 1937.

JOCKERS
Qui-K Sav

The words "Qui-K" and "Sav" are disclaimed apart from the mark.
For Healing Salve and Antiseptic.
Claims use since Oct. 29, 1937.

Ser. No. 399,546. BRUNI ARNALDO, Corona, N. Y. Filed Nov. 10, 1937.

DERMASAFE

For Preparation for Treating Burns, Scalds, Abrasions, Eczema and Skin Irritations.
Claims use since Nov. 1, 1937.

Ser. No. 399,840. DR. LEONHARDT COMPANY, Buffalo, N. Y. Filed Nov. 17, 1937.

Hen-Roib

For Proprietary Medicine Put up in Tablet Form Being an Internal Palliative for Conditions Caused by Hepatic Congestion.
Claims use since Oct. 12, 1937.

Ser. No. 399,850. THE H. A. MONTGOMERY COMPANY, INC., Detroit, Mich. Filed Nov. 17, 1937.



The word "Skin-Guard" is disclaimed apart from the mark.
For Antiseptic Hand Creams for Preventing Infections and Facilitating Removal of Dirt.
Claims use since Oct. 27, 1937.

Ser. No. 400,553. WILLIAM HOWARD JORDAN, doing business as The Nitrosol Company, Washington, D. C. Filed Dec. 7, 1937.

NITROSOL

For Chemical Preparation for Preventing Rust and Corrosion of Metals.
Claims use since July 1, 1933.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 399,512. OLDETYME DISTILLERS, INC., New York, N. Y. Filed Nov. 9, 1937.



For Pouring Spouts for Attachment to Bottles.
Claims use since Oct. 7, 1937.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 399,712. THE INGALLS IRON WORKS CO., Birmingham, Ala. Filed Nov. 13, 1937.

S/O/S

SERVICE ON STEEL

No claim is made to the words "Service on Steel" apart from the mark.
For Steel Sheets, Plates, and Shapes.
Claims use since Nov. 9, 1937.

Ser. No. 399,948. ALUMINUM COMPANY OF AMERICA, Pittsburgh, Pa. Filed Nov. 20, 1937.

ALROK

For Aluminum and Its Alloys in Cast or Wrought Form Provided with an Integral Corrosion-Resistant Coating.
Claims use since Oct. 30, 1937.

CLASS 17

Tobacco Products

Ser. No. 400,106. INTERNATIONAL TOBACCO COMPANY OF AMERICA INCORPORATED, Louisville, Ky. Filed Nov. 24, 1937.

CHEVRON

For Cigarettes.
Claims use since Apr. 29, 1937.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 394,139. WALTER F. LUHNOW, Portland, Oreg. Filed June 16, 1937.

Zip-Liner

For Collapsible Camping Lodge for Attachment to an Automobile Providing Luggage Carrier, Dwelling Independent of the Vehicle, Beds, and Rigid Roof Member Convertible into a Boat.
Claims use since May 1, 1937.

Ser. No. 394,658. CONRAD P. BICNI, San Francisco, Calif. Filed June 29, 1937.

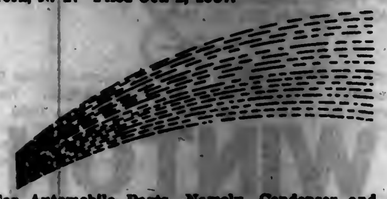
PRESURBIKE

The word "Bike" is disclaimed apart from the mark.
For Motorcycles.
Claims use since Jan. 3, 1937.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 398,009. KEM MANUFACTURING CO., INC., New York, N. Y. Filed Oct. 1, 1937.



For Automobile Parts—Namely, Condenser and Condenser Parts, Distributors and Distributor Parts, Starters and Starter Parts, Generators and Generator Parts, Conductor Wires and Terminals, Ignition Switches, Parts and Cables, Ignition Coils, Automobile Horns and Parts, Ignition Locks, Magneto Parts, Voltage Current Control Regulators, Spark Plug Connectors, Dimmer Switches, Starter Switches, and Timing Devices.
Claims use since July 1, 1931.

Ser. No. 398,256. PASS & SEYMOUR, INC., Solvay, N. Y. Filed Oct. 7, 1937.

BROWN-X

The word "Brown" is disclaimed apart from the mark.
For Wall Plates for Electric Wiring-Devices.
Claims use since June 8, 1937.

Ser. No. 398,257. PASS & SEYMOUR, INC., Solvay, N. Y. Filed Oct. 7, 1937.

CHROME-X

The word "Chrome" is disclaimed apart from the mark.
For Wall Plates for Electric Wiring-Devices.
Claims use since June 15, 1937.

Ser. No. 398,258. PASS & SEYMOUR, INC., Solvay, N. Y. Filed Oct. 7, 1937.

IVORY-X

The word "Ivory" is disclaimed apart from the mark.
For Wall Plates for Electric Wiring-Devices.
Claims use since June 8, 1937.

Ser. No. 398,298. VITALIC BATTERY CO., INC., Dallas, Tex. Filed Oct. 8, 1937.

MOTO-PRIDE

For Electrical Storage Batteries.
Claims use since Sept. 22, 1937.

Ser. No. 398,299. VITALIC BATTERY CO., INC., Dallas, Tex. Filed Oct. 8, 1937.

Life-Bilt

The word "Bilt" is disclaimed apart from the mark.
For Electrical Storage Batteries.
Claims use since Sept. 22, 1937.

Ser. No. 398,449. ELECTRO-MOTIVE CORPORATION, La Grange, Ill. Filed Oct. 14, 1937.

E-M

For Diesel Electric Locomotives and Parts Thereof.
Claims use since Mar. 1, 1936.

Ser. No. 398,960. GENERAL DRY BATTERIES, INC., Cleveland, Ohio. Filed Oct. 26, 1937.

Dyna-Flash

The word "Flash" is disclaimed apart from the mark.
For Electric Batteries.
Claims use since Oct. 8, 1937.

Ser. No. 398,961. GENERAL DRY BATTERIES, INC., Cleveland, Ohio: Filed Oct. 26, 1937.

Dyna-Lite

The word "Lite" is disclaimed apart from the mark.
For Electric Batteries.
Claims use since Sept. 3, 1937.

Ser. No. 398,963. GENERAL DRY BATTERIES, INC., Cleveland, Ohio. Filed Oct. 26, 1937.

Super-Lite

The word "Lite" is disclaimed apart from the mark.
For Electric Batteries.
Claims use since Oct. 8, 1937.

Ser. No. 396,964. GENERAL DRY BATTERIES, INC., Cleveland, Ohio. Filed Oct. 26, 1937.

Super X-Cell

The word "Cell" is disclaimed apart from the mark.
For Electric Batteries.
Claims use since Oct. 8, 1937.

Ser. No. 399,878. ANACONDA WIRE & CABLE COMPANY, New York, N. Y. Filed Nov. 18, 1937.

DENSHEATH

For Insulated Electrical Wire and Cable.
Claims use since Aug. 9, 1937.

Ser. No. 399,879. ANACONDA WIRE & CABLE COMPANY, New York, N. Y. Filed Nov. 18, 1937.

VITROTEX

For Insulated Electrical Wire and Cable.
Claims use since Nov. 9, 1937.

Ser. No. 399,880. ANACONDA WIRE & CABLE COMPANY, New York, N. Y. Filed Nov. 18, 1937.

VITRONAMEL

For Insulated Electrical Wire and Cable.
Claims use since Nov. 9, 1937.

Ser. No. 399,898. PRESTO-LITE STORAGE BATTERY CORPORATION, Indianapolis, Ind. Filed Nov. 18, 1937.



For Storage Batteries and Parts Therefor.
Claims use since Sept. 21, 1937.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 389,217. HERBERT KATES, doing business as Kaco Tool Co., Philadelphia, Pa. Filed Feb. 19, 1937.

KACO

For Vises, Tool Chests, and Lathe Chucks.
Claims use since Jan. 26, 1937.

Ser. No. 390,475. THE SPENCER TURBINE COMPANY, Hartford, Conn. Filed Mar. 24, 1937.

MULTI-VAC

For Vacuum Cleaning Apparatus.
Claims use since May 19, 1937.

Ser. No. 393,788. WINTON ENGINE MANUFACTURING CORPORATION, Cleveland, Ohio. Filed June 7, 1937. Under section 5b of the act of 1905 as amended in 1920.

WINTON

Applicant claims ownership of U. S. trade-mark registration Ct. #116,455 effected Sept. 4, 1917, under the 10-year proviso of section 5b of the act of Feb. 20, 1905.
For Diesel Engines and Parts Thereof.
Claims use since Mar. 30, 1921.

Ser. No. 398,045. INTERNATIONAL COMBUSTION LIMITED, London, England. Filed Oct. 2, 1937.



The words "Pump" and "Grit" are disclaimed apart from the mark.
For Pumps.
Claims use since Apr. 25, 1936.

Ser. No. 398,311. FLEMING MANUFACTURING COMPANY, East Providence, R. I. Filed Oct. 9, 1937.



For Oil Filters, Particularly for Use as Attachments for Internal Combustion Engines and Parts for Said Filters Including Cartridges Therefor.
Claims use since September, 1934.

Ser. No. 398,928. THE OHIO MATCH COMPANY, Wadsworth, Ohio. Filed Oct. 25, 1937.

PLA-SAFE

The word "Safe" is disclaimed apart from the mark.
For Razor Blades.
Claims use since Oct. 14, 1937.

Ser. No. 399,669. LOEHRAUCH-JORDAN TOOL & MACHINE CO., Elkhart, Ind. Filed Nov. 12, 1937.

L & J

For Presses in the Nature of Inclinable Power Punch Presses.
Claims use since Sept. 1, 1933.

Ser. No. 399,672. NATIONAL CO-OPERATIVES, INC., Indianapolis, Ind. Filed Nov. 12, 1937.



For Electric Razors.
Claims use since 1933.

Ser. No. 399,772. MYCO PRODUCTS COMPANY, Chicago, Ill. Filed Nov. 15, 1937.

"Let a
Thor Flue Shaver
Be Your Fuel Saver"

The words "Flue Shaver" and "Fuel Saver" are disclaimed apart from the mark.
For Mechanical Flue Cleaner for Fire Tube Boilers.
Claims use since Sept. 19, 1932.

Ser. No. 399,887. THE GLEASON WORKS, Rochester, N. Y. Filed Nov. 18, 1937.

ZEROL

For Gears.
Claims use since Nov. 12, 1937.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 390,996. EASTMAN MANUFACTURING COMPANY, Long Beach, Calif. Filed Apr. 6, 1937.

Eastman
ELECTROLOG

The name "Eastman" is disclaimed from the mark.
For Oil Well Survey Apparatus and Recorder for Determining the Presence of Water in Oil Wells.
Claims use since September, 1936.

Ser. No. 398,557. COLOR LABORATORIES, INC., New York, N. Y. Filed Oct. 16, 1937.

GAROMETER

For Instruments for Measuring the Transmission of Light Through Films to Determine Color Separation Balance.
Claims use since Aug. 23, 1937.

Ser. No. 398,784. NATIONAL METER COMPANY, Brooklyn, N. Y. Filed Oct. 21, 1937.



The word "Measure" is disclaimed apart from the mark.
For Apparatus for Measuring and Automatically Stopping the Flow of a Fluid.
Claims use since Sept. 15, 1937.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 400,012. INTERNATIONAL SILVER COMPANY, Meriden, Conn. Filed Nov. 22, 1937.



For Flatware and Hollow Ware Made of or Plated with Precious Metals.
Claims use since Sept. 17, 1937.

CLASS 32

Furniture and Upholstery

Ser. No. 377,990. NATIONAL FEATHER & DOWN CO. INC., Brooklyn, N. Y. Filed May 4, 1936.



The words "Ozonized Down Feathers" are disclaimed apart from the mark.
For Pillows and Cushions.
Claims use since October, 1928.

Ser. No. 388,803. ROYAL METAL MANUFACTURING COMPANY, Chicago, Ill. Filed Feb. 11, 1937.

TUF-TEX

For Upholstered Cushions for Chairs and Other Articles of Furniture and Particularly for Back and Seat Cushions Used on Metal Chairs and Other Pieces of Metal Furniture.
Claims use since Jan. 5, 1937.

Ser. No. 390,963. JOSEPHINE A. LYNCH, Los Angeles, Calif. Filed Apr. 5, 1937.

VUE-BACK

For Mirrors.
Claims use since Feb. 20, 1936.

Ser. No. 391,414. THE BOSTWICK-GOODELL COMPANY, Norwalk, Ohio. Filed Apr. 16, 1937.



For Venetian Blinds.
Claims use since August, 1936.

Ser. No. 397,523. STEWARTSTOWN FURNITURE COMPANY, Stewartstown, Pa. Filed Sept. 17, 1937.



For Furniture—Namely, Bedsteads, Dressers, Chests, Vanity Dressers, Night Stands, Benches, High-Boys, Low High-Boys, Mirrors, and Mirror Frames.
Claims use since Jan. 2, 1937.

Ser. No. 397,859. MEIER & FRANK COMPANY, INC., Portland, Oreg. Filed Sept. 27, 1937.

Fortune House

For Bedroom, Living Room, Dining Room, and Dinette Furniture—Namely, Chests, Dressers, Vanities, Beds, Mattresses, Bed Springs, Box Springs, Bedroom and Living Room Chairs, Night Tables, Studio Couches, Day Beds, Davenports, Love Seats, Chaise Longues, End Tables, Coffee Tables, Cocktail Tables, Occasional Tables, Lamp Tables, Drop Leaf Tables, Console Tables, Tilt Top Tables, Card Tables, Cabinets, Sewing Cabinets, Magazine Racks, Smoke Stands, Book Racks, Book Cases, Wall Racks, Hanging Shelves, Buffets, China Cabinets, Serving Tables, Dining Room and Dinette Tables, Dining Room and Dinette Arm Chairs, Dining Room and Dinette Side Chairs; Porch Furniture—Namely, Chairs, Rockers, Settees, Tables, and Gliders; and Venetian Blinds.
Claims use since June 22, 1937.

Ser. No. 398,033. BARKER BROS., INCORPORATED, Los Angeles, Calif. Filed Oct. 2, 1937.

COMFORT CONTROL

The word "Control" is disclaimed except as shown.
For Upholstered Furniture—Namely, Chairs, Davenports, Sofas, Couches, Stools, Divans, Seats.
Claims use since Sept. 20, 1937.

Ser. No. 398,433. WILLIAM M. GRASSMAN, West Los Angeles, Calif. Filed Oct. 13, 1937.

OUT·O·WAY

For Card Table Holders.
Claims use since Sept. 9, 1937.

Ser. No. 398,556. CRISHOLM-RYDER CO., INC., Niagara Falls, N. Y. Filed Oct. 16, 1937.

PREMAX

For Folding Camp Tables.
Claims use since May 1, 1936.

Ser. No. 398,571. FRY PRODUCTS, INC., Detroit, Mich. Filed Oct. 16, 1937.

Clings

For Furniture Slip Covers.
Claims use since Sept. 15, 1937.

Ser. No. 399,051. G. R. LEWIS COMPANY, Watertown, Wis. Filed Oct. 28, 1937.

SHEENWOOD

For Venetian Blind Slats.
Claims use since Oct. 8, 1937.

Ser. No. 400,000. EVANS PRODUCTS COMPANY, Detroit, Mich. Filed Nov. 22, 1937.



For Venetian Blinds.
Claims use since Apr. 15, 1937.

CLASS 33

Glassware

Ser. No. 396,687. C. & E. MARSHALL CO., Chicago, Ill. Filed Aug. 23, 1937.



The words "Made in U. S. A." are disclaimed apart from the mark.
For Watch Crystals.
Claims use since Feb. 1, 1936.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 392,338. STEWART-WARNER CORPORATION, Chicago, Ill. Filed May 5, 1937.



The drawing is lined for silver.
For Automobile Heaters of the Internal Combustion Type.
Claims use since Sept. 23, 1936.

Ser. No. 398,770. GILBERT & BARKER MANUFACTURING COMPANY, West Springfield, Mass. Filed Oct. 21, 1937.

Esso

For Oil Burners, Combination Boiler Burner Units, Water Heaters, Air Conditioning Units, and Warm Air Furnaces.
Claims use since Sept. 21, 1937.

Ser. No. 398,771. GILBERT & BARKER MANUFACTURING COMPANY, West Springfield, Mass. Filed Oct. 21, 1937.

Esso

For Oil Burners, Combination Boiler Burner Units, Water Heaters, Air Conditioning Units, and Warm Air Furnaces.
Claims use since Sept. 21, 1937.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 378,885. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio. Filed May 26, 1936.

Dual BALLOON

The word "Balloon" is disclaimed apart from the mark.
For Pneumatic Tires.
Claims use since June 2, 1928.

Ser. No. 378,887. THE GENERAL TIRE & RUBBER COMPANY, Akron, Ohio. Filed May 26, 1936.

DUAL GRIP

The word "Grip" is disclaimed apart from the mark.
For Pneumatic Tires.
Claims use since Jan. 20, 1923.

Ser. No. 389,574. CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed Mar. 2, 1937.

Hi-Capacity

For Leather Belting, Leather Pump Packing, Leather Friction Disks for Use in Mechanical Friction Drives, Valve Disks, Gaskets, Belt Lacings, Leather Pump Plungers.
Claims use since Oct. 30, 1936.

Ser. No. 397,406. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Sept. 14, 1937.

PLYLOCK

For Belts and Especially Joints Therefor Which are Composed Chiefly of Fabric and Rubber.
Claims use since July 17, 1934.

Ser. No. 397,760. LA FAVORITE RUBBER MANUFACTURING CO., Hawthorne, N. J. Filed Sept. 24, 1937.

MARVEL

For the Following Articles All Composed of or Containing as a Principal Constituent Rubber—Gage Glass Washers, Piston Rod, Stem, Plunger, and Shaft Packing, Sheet Packing, Valves, Valve Discs, Gaskets, Hose, Molded Tires, and Tank Balls.
Claims use since August, 1899.

Ser. No. 400,336. THE PERFECT CIRCLE COMPANY, Hagerstown, Ind. Filed Dec. 2, 1937.

Ferrox

For Piston Rings.
Claims use since Nov. 24, 1937.

Ser. No. 400,782. GATKE CORPORATION, Chicago, Ill. Filed Dec. 13, 1937.

DURA-BLOK

For Moulded Brake Linings.
Claims use since June, 1936.

CLASS 36

Musical Instruments and Supplies

Ser. No. 393,931. ADVOX INTERNATIONAL, INC., Los Angeles, Calif. Filed June 11, 1937.

ADVOX

For Advertising Machines Employing Ads Suitably Written or Printed on or Affixed to the Surfaces of Said Machines and Phonographic Means Within Said Machines for Voicing Ads Therefrom, and Parts and Accessories Therefor.
Claims use since June 23, 1933.

CLASS 37

Paper and Stationery

Ser. No. 385,251. THE DOBECKMUN COMPANY, Cleveland, Ohio. Filed Nov. 7, 1936.

VIS-O-WRAP

The word "Wrap" is disclaimed apart from the mark.
For Wrappers Made of Paper and Transparent Sheeting.
Claims use since Sept. 19, 1936.

Ser. No. 398,831. JOHN N. TODD, St. Paul, Minn. Filed Oct. 22, 1937.

BUDGETMASTER

For Blank Records for Bank Statement Reconciliations.
Claims use since Sept. 1, 1937.

Ser. No. 400,243. NEWARK PARAFFINE & PARCHMENT PAPER CO., Newark, N. J. Filed Nov. 29, 1937.

CRYSTLPHANE

For Waxed Paper, Wrapping Paper, and Transparent Paper.
Claims use since Apr. 30, 1937.

CLASS 38

Prints and Publications

Ser. No. 396,487. BOUSQUET & LE BEL ADVERTISING FEATURES CO., Worcester, Mass. Filed Aug. 17, 1937.

SCRAMBLED LETTERS CONTEST

For Newspaper and Magazine Ads, and Incidental and Complemental Advertising Sold as Such.
Claims use since July 7, 1937.

CLASS 39

Clothing

Ser. No. 393,546. MILLHEIM MANUFACTURING CO., Philadelphia, Pa. Filed May 10, 1937.

HoHum

For Women's Pajamas and Night Gowns.
Claims use since Jan. 20, 1933.

Ser. No. 397,673. MARYAN HAT COMPANY, INC., New York, N. Y. Filed Sept. 22, 1937.

Morris-Ette

The word "Morris" is disclaimed except as shown.
For Hats for Women and Children.
Claims use since Sept. 1, 1937.

Ser. No. 398,435. THE J. L. HUDSON COMPANY, Detroit, Mich. Filed Oct. 13, 1937.

HUDSON'S Style Crest

The word "Style" is not claimed except as shown.
For Shoes Made of Leather, and Leather and Fabric Combinations.
Claims use since Apr. 1, 1937.

Ser. No. 398,490. CAMEROON AND COMPANY, INCORPORATED, Napa, Calif. Filed Oct. 18, 1937.

"Camowool"

For Men's and Boys' Sportsmen Shirts, Brown Jackets, Coats, Trousers, Pants, and Slacks.
Claims use since Feb. 4, 1936.

Ser. No. 399,023. THE SUPERB GLOVE CO., Johnstown, N. Y. Filed Oct. 28, 1937.

Superb WHIP-LOCK

The word "Superb" is disclaimed except as shown.
For Ladies' Leather Gloves.
Claims use since Dec. 23, 1935.

Ser. No. 399,023. THE SUPERB GLOVE CO., Johnstown, N. Y. Filed Oct. 28, 1937.

SOCCER RIPLESS

The word "Ripless" is disclaimed apart from the mark.
For Ladies' Leather Gloves.
Claims use since Aug. 17, 1936.

Ser. No. 399,146. LUBIN-WERBKIN CO., INC., New York, N. Y. Filed Oct. 30, 1937.

"Mr. STUBB"

For Men's Pajamas.
Claims use since Aug. 3, 1937.

Ser. No. 399,381. VAN RAALTE COMPANY, New York, N. Y. Filed Nov. 5, 1937.

Reindoe

For Fabric Gloves.
Claims use since Oct. 30, 1937.

Ser. No. 399,843. MAY HOSIERY MILLS, INC., Burlington, N. C. Filed Nov. 17, 1937.

Jim Dandy

For Hosiery.
Claims use since 1907.

Ser. No. 399,929. THE O. L. HINDS COMPANY, Burlington, Vt. Filed Nov. 19, 1937.

SNOW KING

For Snow Suits, Ski Suits, Sport Coats, Ski Pants, and Leggings for Men, Women, and Children.
Claims use since July 26, 1933.

Ser. No. 399,972. LERNER BLOUSE CO., New York, N. Y. Filed Nov. 20, 1937.

Lady Esquire

For Ladies' Blouses, Ladies' Shirtwaists, Ladies' Waists, and Ladies' Shirts.
Claims use since Oct. 15, 1937.

Ser. No. 400,054. LOUIS A. HAFTEL, doing business as La Tel Shirt Company, Philadelphia, Pa. Filed Nov. 22, 1937.

La Tel

For Dress, Negligee, and Work Shirts, and Pajamas.
Claims use since Sept. 21, 1937.

Ser. No. 400,130. SELECT SPORTSWEAR, INC., New York, N. Y. Filed Nov. 24, 1937.

Cunalam

For Knitted Sport Sweaters and Two Piece Knitted Dresses.
Claims use since Nov. 6, 1937.

Ser. No. 400,203. PARAGON KNITTING MILLS, Philadelphia, Pa. Filed Nov. 27, 1937.

FLEXEAM

For Knitted Sweaters for Men, Boys, and Children.
Claims use since July 15, 1937.

Ser. No. 400,236. KEYSTONE BLOOMER CO., INC., Brooklyn, N. Y. Filed Nov. 29, 1937.

Edythe

For Underwear for Men, Women, and Children.
Claims use since October, 1935.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 398,868. GRAF CO., Union City, N. J. Filed Oct. 25, 1937.

Home Stitch ORIGINAL

The words "Stitch" and "Original" are disclaimed apart from the mark.
For Bedspreads.
Claims use since July 1, 1937.

Ser. No. 399,261. WEST OF SCOTLAND HOME INDUSTRIES, Girvan, Scotland. Filed Nov. 2, 1937.

Every yard Cragavan Tweeds Hand woven

The words "Tweeds" and "Every Yard Hand Woven" are disclaimed apart from the mark.
For Hand Woven Tweeds.
Claims use since Oct. 4, 1937.

Ser. No. 399,281. GROSS-STERNBY INC., New York, N. Y. Filed Nov. 29, 1937.

Cruisella

For Silk, Acetates, Woolen, Worsted, Linen, Tropical, and Rayon Piece Goods.
Claims use since September, 1937.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 398,787. BAKER & COMPANY, INC., Newark, N. J. Filed Oct. 21, 1937.

Ceracast

For Dental Casting Alloy.
Claims use since Aug. 27, 1937.

Ser. No. 399,325. PERVEL CORPORATION, New York, N. Y. Filed Nov. 4, 1937.

Pervel

For Cellulose Fabric Made Up into Dental Bibs, Dental Chair Head Rest Covers; Dental, Medical, and Hospital Towels and Facial Cloths, Hay-Fever and Asthma Pillow Cases, Hospital Bedpan Covers, Hospital Examination Table Covers, Hospital Bedsheets and Pillow Cases, Hospital Pediatrics Linens, and Seat Covers for Toilets.
Claims use since Aug. 30, 1937.

CLASS 45

Beverages, Nonalcoholic

Ser. No. [illegible]. [illegible] House & Sons, Buffalo, N. Y. Filed Nov. 26, 1937.

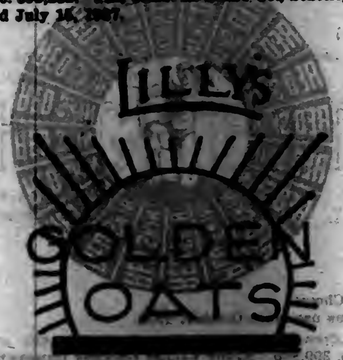


For Root Beer and Other Nonalcoholic Carbonated Beverages, Syrups, Extracts, and Concentrates Therefor.
Claims use since Sept. 26, 1937.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 395,222. [illegible] Co., Seattle, Wash. Filed July 15, 1937.



The words "Lilly's Golden Oats" are disclaimed apart from the mark.
For Oats Sold in [illegible].
Claims use since [illegible].

Ser. No. 395,321. THE STREITMANN BISCUIT COMPANY, Cincinnati, Ohio. Filed July 16, 1937.



For Bakery Products—Namely, Cookies.
Claims use since June 16, 1937.

Ser. No. 395,745. THE BORDEN COMPANY, New York, N. Y. Filed July 29, 1937.

Flavdry
LACTOFLAVIN SUPPLEMENT

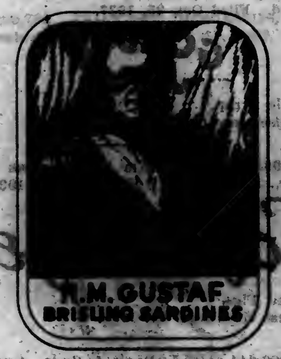
The words "Lactoflavin Supplement" are disclaimed apart from the mark.
For Lactoflavin Supplement, a Flavin Produced from Milk Used as an Ingredient in Animal Feeds.
Claims use since Dec. 17, 1936.

Ser. No. 396,281. SEABOARD LEMON ASSN., Oxnard, Calif. Filed Aug. 11, 1937.

STRAND
PROFITS

For Fresh Citrus Fruits.
Claims use since July 20, 1937.

Ser. No. 396,283. STRÖMSTAD CANNING CO. A/B, Varvet, Stromstad, Sweden. Filed Aug. 11, 1937.



The portrait is that of King Gustaf. The words "Brisling Sardines" are disclaimed. Applicant is owner of Reg. No. 313,653.
For Sardines.
Claims use since Apr. 15, 1937.

Ser. No. 397,705. FINGER LAKES AND HUDSON FLOUR MILLS, INC., Troy and Geneva, N. Y. Filed Sept. 23, 1937.



For Short Patent Bleached Wheat Flour.
Claims use since Sept. 14, 1937.

Ser. No. 398,510. JOHN M. WILSON, doing business as Eureka Feed Mills, Meridian, Miss. Filed Oct. 14, 1937.



For Horse and Mule Feed, Dairy Feed, Egg Mash, Hog Feed, Dog Feed, Corn Grits, and Corn Meal.
Claims use since June 10, 1937.

Ser. No. 398,944. STEUART, SON & COMPANY, INC., Baltimore, Md. Filed Oct. 25, 1937.

GOLDEN JOY

For Table Syrup.
Claims use since Oct. 4, 1937.

Ser. No. 398,958. CALIFORNIA FIG GROWERS AND PACKERS, INC., Fresno, Calif. Filed Oct. 26, 1937.

Softenized

For Dried Figs.
Claims use since Aug. 23, 1937.

Ser. No. 399,644. P. J. BURK & SONS, Astoria, Oreg. Filed Nov. 12, 1937.

BURK'S GIANT

The surname "Burk's" is disclaimed apart from the mark.
For Canned Vegetables.
Claims use since Sept. 1, 1937.

Ser. No. 399,658. THE GILDDEN COMPANY, Cleveland, Ohio. Filed Nov. 12, 1937.

Soyalose

For Soybean Flour.
Claims use since Apr. 14, 1937.

Ser. No. 399,659. THE GILDDEN COMPANY, Cleveland, Ohio. Filed Nov. 12, 1937.

Soyafluff

For Soybean Flour.
Claims use since Oct. 2, 1936.

Ser. No. 399,725. PABST-ETT CORPORATION, Chicago, Ill. Filed Nov. 13, 1937.



For Cheese.
Claims use since October, 1934.

Ser. No. 399,860. SANDY VALLEY GROCERY COMPANY, INC., Ashland, Ky. Filed Nov. 17, 1937.

WHEELER HOUSE

No claim is made to the word "Wheeler" apart from the mark.
For Coffee.
Claims use since Aug. 24, 1937.

Ser. No. 400,006. HEARSH BROTHERS, Los Angeles, Calif. Filed Nov. 22, 1937.

VITA-FUL

For Fresh Citrus Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since Nov. 16, 1937.

Ser. No. 400,066. NEW ENGLAND FISH COMPANY, Seattle, Wash. Filed Nov. 23, 1937.

GOLDEN RAY

Applicant is the owner of trade-mark registration No. 108,363.
For Canned Fish—Namely, Canned Salmon.
Claims use since Jan. 1, 1914.

Ser. No. 400,145. WAPLES PLATTER COMPANY, Fort Worth, Tex. Filed Nov. 24, 1937. Under 10-year proviso.

WAPLES-PLATTER

For Canned Fruits, Vegetables, Soups, and Meats as Follows: Veal Loaf, Vienna Sausage, Potted Meat, and Corned Beef, Canned Baby Foods, Bottled Fruits, Vegetables and Meats as Follows: Vienna Sausage and Sliced Beef, Spices, Jellies, Jams, Fruit Preserves, Mince Meat, Vinegar, Mayonnaise, 1000 Island Dressing, Catsup, Hominy, Honey, Evaporated Milk, Olive Oil, Olives, Peanut Butter, Canned Salmon, Canned Shrimp, Canned Tuna Fish, Canned Oysters, Spaghetti, Table Syrup, Coffee, Bran Flakes, Cocoanut, Gelatine Desserts, Marshmallows, Raisins, Food Flavoring Extracts, Corn Flakes, Salt, Tea, and Orange Marmalade.
Claims use since 1872.

Ser. No. 400,164. IRWINDALE CITRUS ASSOCIATION, Irwindale, Calif. Filed Nov. 26, 1937.

HIGHEST

For Fresh Citrus Fruit.
Claims use since Sept. 7, 1937.

CLASS 47

Wines

Ser. No. 399,163. L. BAMBERGER & CO., Newark, N. J. Filed Nov. 1, 1937.

RIS DOR

For Wines.
Claims use since Aug. 1, 1937.

CLASS 48

Malt Beverages and Liquors

Ser. No. 384,279. U. S. MALT COMPANY, Brooklyn, N. Y. Filed Dec. 3, 1936.

MELLOMALT

For Mellomalt, a Syrup Which is a Blend of Concentrated Extract of Malt with Syrup, and is Used as an Ingredient in the Manufacture of Ale, Beer, and Porter.
Claims use since July 1, 1936.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 395,585. MCKESSON & ROBBINS, INCORPORATED, Fairfield, Conn. Filed July 23, 1937.

PRIDE OF BOURBON

The word "Bourbon" is disclaimed apart from the mark.
For Whiskey.
Claims use since Dec. 5, 1933.

Ser. No. 400,577. HIRAM WALKER & SONS INC., Peoria, Ill. Filed Dec. 7, 1937.



All wording except "Hiram Walker's", "Ten High", "Canadian Club", and applicant's name is disclaimed apart from the mark. The drawing is lined for gold, red, and black.
For Whiskey.
Claims use since March, 1937.

Ser. No. 400,726. FRANKFORT DISTILLERIES, INCORPORATED, Louisville, Ky. Filed Dec. 11, 1937.

FOUR ROSES

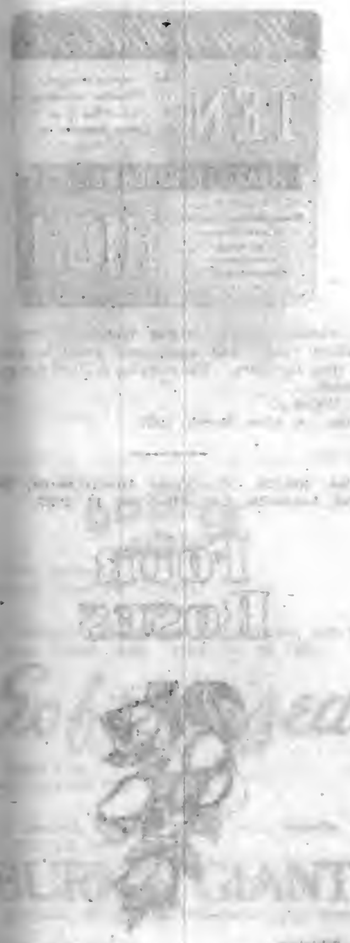


For Whiskey.
Claims use since June, 1937.

Ser. No. 400,761. GOODERHAM & WORTS LIMITED, Detroit, Mich., and Peoria, Ill. Filed Dec. 13, 1937.

Royal Banquet

For Whiskey.
Claims use since Feb. 20, 1937.



CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 386,120. B. LICHTIG & SON, INC., Oakland, Calif. Filed Nov. 30, 1936.

BELSONITE

For Waterproofed Fabrics.
Claims use since May 15, 1936.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

JANUARY 18, 1938

353,726. SHOES MADE OF LEATHER, RUBBER, AND FABRIC, AND COMBINATIONS OF THE SAME. MONARCH SHOE COMPANY, Chicago, Ill.
Filed May 31, 1935. Serial No. 365,645. PUBLISHED NOVEMBER 2, 1937. Class 39.

353,727. BREAD, ROLLS, SANDWICHES, PIES, COOKIES, DOUGHNUTS, CAKE, FRESH FRUITS, INCLUDING APPLES, BANANAS, GRAPES, GRAPEFRUIT, MELONS, ORANGES, PEARS, PEACHES, PLUMS, AND PINEAPPLES, CANDY, TEA, COFFEE, AND COCOA. CARL W. BROOME, Santa Barbara, Calif.
Filed August 22, 1935. Serial No. 368,556. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,728. PORTABLE, LOCKABLE FILE BOX FOR DOCUMENTS. NEW PROCESS COMPANY, Warren, Pa.
Filed November 21, 1935. Serial No. 371,820. PUBLISHED NOVEMBER 9, 1937. Class 25.

353,729. ENGINE BELTS FORMED OF COTTON STRANDS. THE S. S. WHITE DENTAL MANUFACTURING COMPANY, Philadelphia, Pa.
Filed February 14, 1936. Serial No. 374,871. PUBLISHED NOVEMBER 9, 1937. Class 35.

353,730. DIASTATIC COMPOUND FOR IMPROVING FLOUR. CHARLES G. PEADON, doing business as The Dia-Lac Company, Marion, Ohio.
Filed March 24, 1936. Serial No. 376,360. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,731. RUBBER BATHING AND BEACH SHOES, RUBBER BATHING CAPS, RUBBER GIRDLES, AND RUBBER BATHING SUITS. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y.
Filed June 10, 1936. Serial No. 379,537. PUBLISHED OCTOBER 26, 1937. Class 39.

353,732. PARLOR GAME—NAMELY, A BOARD GAME PLAYED WITH MOVABLE PIECES. RALPH S. SNYDER, Uhrichsville, Ohio.
Filed September 19, 1936. Serial No. 383,455. PUBLISHED NOVEMBER 9, 1937. Class 22.

353,733. SLIPPERS AND SHOES OF LEATHER AND/OR FABRIC, AND/OR RUBBER, AND/OR COMBINATIONS OF SAID MATERIALS, AND FASTENINGS FOR THE SAME. SWAN SHOE COMPANY, INC., Baltimore, Md.
Filed November 23, 1936. Serial No. 385,912. PUBLISHED FEBRUARY 23, 1937. Class 39.

353,734. RADIO RECEIVING AND TRANSMITTING EQUIPMENT AND PARTS THEREOF. BROWN RAY PHONES, San Francisco, Calif.
Filed February 2, 1937. Serial No. 388,430. PUBLISHED NOVEMBER 9, 1937. Class 21.

353,735. CANNED GRAPEFRUIT JUICE FOR FOOD PURPOSES. FLORIDA FRUIT CANNERS, INC., Frostproof, Fla.
Filed February 5, 1937. Serial No. 388,567. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,736. SILICON OXIDE FOR CONDITIONING DRILLING MUDS. THE MILWHITE COMPANY, INCORPORATED, Houston, Tex.
Filed February 9, 1937. Serial No. 388,681. PUBLISHED MAY 4, 1937. Class 1.

353,737. BOOTS, SHOES, OVERSHOES, AND SANDALS MADE OF RUBBER, FABRIC, OR LEATHER, OR COMBINATIONS THEREOF, AND RUBBER HEELS THEREOF. MISHAWAKA RUBBER AND WOOLEN MANUFACTURING COMPANY, Mishawaka, Ind.
Filed February 12, 1937. Serial No. 388,845. PUBLISHED OCTOBER 26, 1937. Class 39.

353,738. PACKAGED BEVERAGE VENDING APPARATUS. WILLIAMS OIL-O-MATIC HEATING CORPORATION, Bloomington, Ill.
Filed February 15, 1937. Serial No. 388,968. PUBLISHED NOVEMBER 9, 1937. Class 23.

353,739. WINE. BALLIF DISTRIBUTING COMPANY, Portland, Oreg.
Filed March 3, 1937. Serial No. 389,598. PUBLISHED NOVEMBER 9, 1937. Class 47.

353,740. TOILET TISSUE. A. P. W. PAPER COMPANY, INC., Albany, N. Y.
Filed March 16, 1937. Serial No. 390,111. PUBLISHED MAY 18, 1937. Class 37.

353,741. MEN'S, YOUNG MEN'S, AND BOYS' PANTS, SUITS, OVERCOATS, AND TOPCOATS. DAVID R. BARFIELD, doing business as Barfield's, Evansville, Ind.
Filed March 29, 1937. Serial No. 390,619. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,742. DOLLS, DOLLS' HEADS, DOLLS' DRESSES, AND TOY CUT-OUT BOOKS. HANNY PIRNINGER, Forest Hills, N. Y.
Filed April 2, 1937. Serial No. 390,862. PUBLISHED MAY 18, 1937. Class 22.

353,743. FRESH CITRUS FRUITS. LEFFINGWELL RANCHO LEMON ASSOCIATION, Whittier, Calif.
Filed April 14, 1937. Serial No. 391,328. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,744. LADIES' PANTIE GIRDLES. UNDI-KLAD MANUFACTURING COMPANY, Chicago, Ill.
Filed April 17, 1937. Serial No. 391,498. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,745. BABY PANTS. AMERICAN LATEX CORPORATION, New York, N. Y.
Filed April 21, 1937. Serial No. 391,603. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,746. HATS AND CAPS FOR MEN, WOMEN, BOYS, GIRLS, AND CHILDREN. PORTIS BROS. HAT CO., Chicago, Ill.
Filed April 26, 1937. Serial No. 391,881. PUBLISHED OCTOBER 26, 1937. Class 39.

353,747. GELATIN DESSERT. STANDARD BRANDS INCORPORATED, New York, N. Y.
Filed April 29, 1937. Serial No. 392,057. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,748. HAND HARMONICAS, MOUTH HARMONICAS, AND ACCORDIONS. CANTULIA AKKORDEONBAU G. M. B. H., Altenburg in Thuringia, Germany.
Filed May 3, 1937. Serial No. 392,194. PUBLISHED NOVEMBER 9, 1937. Class 36.

353,749. PREPARED CORN FLOUR OR GRANULA FOR MAKING TORTILLAS. LUIS SADA GOROSTIETA, Monterrey, Mexico.
Filed May 10, 1937. Serial No. 392,529. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,750. CANNED TOMATOES. TRAILER PRODUCTS COMPANY, Chicago, Ill.
Filed May 10, 1937. Serial No. 392,565. PUBLISHED JULY 27, 1937. Class 46.

353,751. TESTING GAUGE VALVES AND ADAPTORS, FITTINGS, AND PARTS THEREFOR. C-Y MANUFACTURING COMPANY, Jamaica, N. Y.
Filed May 13, 1937. Serial No. 392,679. PUBLISHED NOVEMBER 9, 1937. Class 13.

353,752. AIR CONDITIONING UNITS. ELECTROL INCORPORATED, Clifton, N. J.
Filed May 18, 1937. Serial No. 392,920. PUBLISHED NOVEMBER 9, 1937. Class 34.

353,752. WOOLEN PIECE GOODS. FORSTMANN WOOLEN CO., Passaic, N. J.
Filed May 20, 1937. Serial No. 393,029. PUBLISHED NOVEMBER 9, 1937. Class 42.

353,754. OLIVE OILS, POWDER FOR MAKING BURNT CREAMS, POWDER FOR MAKING CUSTARD PUDDINGS, POWDER FOR MAKING COCOANUT PUDDINGS, BAKING POWDERS, ETC. ROMEO PARENT, doing business as Familex Products Company, Montreal, Quebec, Canada.
Filed May 24, 1937. Serial No. 393,197. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,755. CAKE FLOURS, COCOAS, AND LEMON ESSENCES FOR FOOD FLAVORING PURPOSES. ROMEO PARENT, doing business as Familex Products Company, Montreal, Quebec, Canada.
Filed May 24, 1937. Serial No. 393,201. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,756. WHISKEYS. ATLAS DISTILLED PRODUCTS, INC., Chicago, Ill.
Filed May 26, 1937. Serial No. 393,262. PUBLISHED NOVEMBER 9, 1937. Class 49.

353,757. HARRIS TWEED—NAMELY, TWEED MADE FROM PURE VIRGIN WOOL PRODUCED IN SCOTLAND, SPUN, DYED, AND FINISHED IN THE OUTER HEBRIDES AND HANDWOVEN BY THE ISLANDERS AT THEIR OWN HOMES IN THE ISLANDS OF LEWIS, HARRIS, UIST, BARRA, AND THEIR SEVERAL PURTENANCES AND ALL KNOWN AS THE OUTER HEBRIDES. HARRIS TWEED ASSOCIATION, LIMITED, London, England.
Filed May 26, 1937. Serial No. 393,278. PUBLISHED NOVEMBER 9, 1937. Class 42.

353,758. WATCH GLASSES AND WATCH CRYSTALS. KABUSHIKI KAISHA KONISHI KOTAKUDO HONTEN, Kyobashi-ku, Tokyo, Japan.
Filed May 28, 1937. Serial No. 393,382. PUBLISHED NOVEMBER 9, 1937. Class 33.

353,759. BRASSIÈRES, BANDEAUX, CORSETS, CORSELETS, PANTIES, PANTIE-GIRDLES, GIRDLES, AND GARTER-BELTS. MAIDEN FORM BRASSIERE COMPANY, INC., New York, N. Y.
Filed May 28, 1937. Serial No. 393,385. PUBLISHED OCTOBER 26, 1937. Class 39.

353,760. NECKTIES. EARL H. REESBOUIS, Flint, Mich.
Filed May 28, 1937. Serial No. 393,391. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,761. FRESH DECIDUOUS FRUITS, FRESH CITRUS FRUITS, FRESH GRAPES, FRESH VEGETABLES, AND FRESH MELONS. FOUNTAINE & NELSON, Los Angeles, Calif.
Filed June 1, 1937. Serial No. 393,493. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,762. SAUSAGE. OSCAR MAYER & CO., INC., Chicago, Ill.
Filed June 3, 1937. Serial No. 393,608. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,763. LADIES' HOSIERY, GLOVES MADE OF LEATHER OR FABRIC, HATS, BELTS FOR OUTER WEAR, AND SCARVES. I. MILLER AND SONS, INC., Long Island City, N. Y.
Filed June 7, 1937. Serial No. 393,777. PUBLISHED OCTOBER 26, 1937. Class 39.

353,764. CHILDREN'S LEATHER AND FABRIC SHOES. A. WERMAN & SONS INC., New York and Brooklyn, N. Y.
Filed June 17, 1937. Serial No. 394,206. PUBLISHED OCTOBER 26, 1937. Class 39.

353,765. MEN'S AND WOMEN'S SHOES MADE OF LEATHER OR FABRIC. JOSEPH BUSHMAN, New York, N. Y.
Filed June 19, 1937. Serial No. 394,260. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,766. PAPER, PAPER BOARD, BOX BOARD, AND FIBER SHIPPING CARTONS AND BOXES. THE MASON BOX COMPANY, Attleboro Falls, Mass.
Filed June 19, 1937. Serial No. 394,295. PUBLISHED NOVEMBER 9, 1937. Class 2.

353,767. WEARING APPAREL—NAMELY, HOSIERY, NECKTIES, AND HANDKERCHIEFS. MCGAUGH HOSIERY MILLS, Dallas, Tex.
Filed June 22, 1937. Serial No. 394,378. PUBLISHED OCTOBER 26, 1937. Class 39.

353,768. WOMEN'S SWIM SUITS. BESTLINE FOUNDATION CO., New York, N. Y.
Filed June 26, 1937. Serial No. 394,525. PUBLISHED AUGUST 24, 1937. Class 39.

353,769. LADIES', MISSES', AND JUNIOR UNDERWEAR AND SLIPS, DRESSES, FROCKS, AND GOWNS FOR OUTER WEAR. BLOOM & JAFFIN, New York, N. Y.
Filed June 30, 1937. Serial No. 394,695. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,770. ELECTRIC LANTERNS, AUTOMATIC ELECTRIC LIGHTING UNITS FOR RING BUOYS AND LIFE JACKETS, AUTOMATIC ELECTRIC SAFETY LIGHTS, ETC. SEA-LITE MANUFACTURING CORP., Boston, Mass.
Filed June 30, 1937. Serial No. 394,727. PUBLISHED NOVEMBER 9, 1937. Class 21.

353,771. WOMEN'S UNDERGARMENTS—NAMELY, NIGHT-GOWNS, CHEMISES, UNDERDRAWERS, BRASSIÈRES, PANTIES, SLIPS, PAJAMAS, AND PETTICOATS. JOSEPH ADELSON & SONS, New York, N. Y.
Filed July 1, 1937. Serial No. 394,736. PUBLISHED NOVEMBER 2, 1937. Class 39.

353,772. KNITTING MACHINES. ROBERT REINER, INCORPORATED, Weehawken, N. J.
Filed July 1, 1937. Serial No. 394,757. PUBLISHED NOVEMBER 9, 1937. Class 23.

353,773. CANNED FRUITS, CANNED VEGETABLES. PACIFIC PACKING COMPANY, Oakdale, Calif.
Filed July 3, 1937. Serial No. 394,857. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,774. PENCILS OF ALL KINDS. KOH-I-NOOR BLEISTIFTFABRIK L. & C. HARDTMUTH, Budweis, Czechoslovakia.
Filed July 7, 1937. Serial No. 394,945. PUBLISHED NOVEMBER 9, 1937. Class 37.

353,775. DRY, PASTE, READY MIXED PAINT, VARNISH, PREPARED SHELLAC, PAINT ENAMEL, PAINT DRYER, PAINT REMOVER, AND BRONZING LIQUID. MORRIS DULMAN, Boston, Mass.
Filed July 7, 1937. Serial No. 394,962. PUBLISHED NOVEMBER 9, 1937. Class 16.

353,776. STAMPED GOODS AND ART NEEDLEWORK PACKAGE OUTFITS CONTAINING FOUNDATION MATERIAL, STAMPED OR OTHERWISE SUITABLY PREPARED, AND ART NEEDLEWORK SUPPLIES TO BE USED IN CONNECTION THEREWITH. BERNHARD ULMANN CO. INC., New York, N. Y.
Filed July 8, 1937. Serial No. 395,006. PUBLISHED NOVEMBER 9, 1937. Class 40.

353,777. MEN'S, WOMEN'S, AND CHILDREN'S CLOTHING—NAMELY, COATS, LEATHER COATS, SPORT COATS, FABRIC SUITS, SWEATERS, DRESSES, BLOUSES, ETC. ALLIED STORES CORPORATION, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash.
Filed July 9, 1937. Serial No. 395,007. PUBLISHED OCTOBER 26, 1937. Class 39.

353,778. NECKTIES, BELTS IN THE NATURE OF GARMENT SUPPORTERS, BRACES, AND GARTERS. IRVING BRANDT & CO., Chicago, Ill.
Filed July 15, 1937. Serial No. 395,215. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,779. MATERIAL IN THE NATURE OF A POROUS LAVA FOR THE PURIFICATION OF GAS. CIE DES PRODUITS CHIMIQUES ET CHARBONS ACTIFS ED. URBAIN, Paris, France.
Filed July 15, 1937. Serial No. 395,216. PUBLISHED NOVEMBER 9, 1937. Class 1.

353,780. BIMETALS, INCLUDING BIMETALLIC BARS, BIMETALLIC SHEETS, BIMETALLIC STRIPS, AND THE LIKE. THE H. A. WILSON COMPANY, Newark, N. J.
Filed July 17, 1937. Serial No. 395,267. PUBLISHED NOVEMBER 9, 1937. Class 14.

353,781. PLATINUM, PLATINUM SHEETS, PLATINUM BARS, PLATINUM WIRE, PLATINUM ALLOYS, PLATINUM SPONGE, SILVER, SILVER SHEETS, SILVER BARS, ETC. THE H. A. WILSON COMPANY, Newark, N. J.
Filed July 17, 1937. Serial No. 395,268. PUBLISHED NOVEMBER 9, 1937. Class 14.

353,782. WINES. ITALIAN SWISS COLONY, San Francisco, Calif.
Filed July 19, 1937. Serial No. 395,416. PUBLISHED NOVEMBER 9, 1937. Class 47.

353,783. WINES. ITALIAN SWISS COLONY, San Francisco, Calif.
Filed July 19, 1937. Serial No. 395,417. PUBLISHED NOVEMBER 9, 1937. Class 47.

353,784. TRIPOLI. WESTERN MINERALS, INCORPORATED, Baxter Springs and Pittsburg, Kans.
Filed July 21, 1937. Serial No. 395,498. PUBLISHED NOVEMBER 9, 1937. Class 1.

353,785. NECKTIES. A. SCHNEIDER & SONS CO., INC., doing business as "Deauville", Baltimore, Md.
Filed July 22, 1937. Serial No. 395,542. PUBLISHED OCTOBER 26, 1937. Class 39.

353,786. [WITHDRAWN.]

353,787. ONE DOSE COLLAPSIBLE METAL TUBES. BOND-PENN TUBE COMPANY, Wilmington, Del.
Filed July 28, 1937. Serial No. 395,697. PUBLISHED NOVEMBER 9, 1937. Class 2.

353,788. LEAD PENCILS. EBERHARD FABER PENCIL COMPANY, Brooklyn, N. Y.
Filed July 29, 1937. Serial No. 395,750. PUBLISHED NOVEMBER 9, 1937. Class 37.

353,789. CARBON PAPER, TYPEWRITER RIBBONS, AND INKED RIBBONS. LOUIS & COMPANY, St. Louis, Mo.
Filed July 22, 1937. Serial No. 395,757. PUBLISHED NOVEMBER 9, 1937. Class 11.

353,790. CANNED PEAS. BOZEMAN CANNING COMPANY, Bozeman, Mont.
Filed July 30, 1937. Serial No. 395,897. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,791. RUBBER AND METAL ANTI-SPLASH FILLER ATTACHMENT. FISHER SCIENTIFIC COMPANY, Pittsburgh, Pa.
Filed July 31, 1937. Serial No. 395,989. PUBLISHED NOVEMBER 9, 1937. Class 12.

353,792. CANE AND MAPLE SUGAR SYRUP, MAPLE KISSES, AND MAPLE WALNUT FUDGE. New ENGLAND MAPLE SYRUP COMPANY, Chelsea, Mass.
Filed July 31, 1937. Serial No. 395,976. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,793. CHOCOLATE FUDGE PREPARATION USED CHIEFLY FOR GARNISHING OR FLAVORING ICE CREAM, CAKE, PASTRY, AND THE LIKE. NESBITT FRUIT PRODUCTS, INC., Los Angeles, Calif.
Filed August 2, 1937. Serial No. 396,024. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,794. WOMEN'S, MISSES', AND CHILDREN'S SLIPPERS OF LEATHER, FABRIC, AND COMBINATIONS OF SAID MATERIALS. CONSOLIDATED SLIPPER CORP., Bombay, N. Y.
Filed August 3, 1937. Serial No. 395,943. PUBLISHED OCTOBER 26, 1937. Class 39.

353,795. BED ROOM FURNITURE—NAMELY, BEDSTEADS, STUDIO COUCHES, SOFA BEDS, BED SPRINGS, MATTRESSES, DRESSING TABLES, CHIFFONIERS, CHAIRS, AND MIRRORS; DINING ROOM FURNITURE—NAMELY, DINING TABLES, CHAIRS, SIDEBOARDS, BUFFET TABLES, AND CHINA CABINETS. MAISON BLANCHE COMPANY, New Orleans, La.
Filed August 5, 1937. Serial No. 396,038. PUBLISHED NOVEMBER 9, 1937. Class 32.

353,796. PREPARATION FOR PRODUCING A LUSTRE UPON FINISHED SURFACES. THE MASTER GLAZE CO., Milwaukee, Wis.
Filed August 4, 1937. Serial No. 396,057. PUBLISHED NOVEMBER 9, 1937. Class 16.

353,797. SUSPENDERS, GARTERS, AND BELTS FOR OUTER WEAR. PIONEER SUSPENDER COMPANY, Philadelphia, Pa.
Filed August 6, 1937. Serial No. 396,084. PUBLISHED OCTOBER 26, 1937. Class 39.

353,798. HOSIERY AND KNITTED AND TEXTILE UNDERWEAR FOR WOMEN AND CHILDREN—NAMELY, VESTS, BLOOMERS, KNICKERBOCKERS, UNION SUITS, ETC. VANITY FAIR SILK MILLS, Reading, Pa.
Filed August 6, 1937. Serial No. 396,095. PUBLISHED OCTOBER 26, 1937. Class 39.

353,799. CIGARETTES AND CIGARS. BEN B. MANN, New York, N. Y.
Filed August 7, 1937. Serial No. 396,149. PUBLISHED NOVEMBER 9, 1937. Class 17.

353,800. BOARD GAMES PLAYED WITH MOVABLE PIECES AND BUILDING BLOCK GAMES. DAVID L. O'SULLIVAN, New York, N. Y.
Filed August 7, 1937. Serial No. 396,153. PUBLISHED NOVEMBER 9, 1937. Class 22.

353,801. OUTER GARMENTS FOR YOUTHS, MEN, WOMEN, AND CHILDREN—NAMELY, OILED CLOTHING, RAINCOATS, SLICKERS, AND JACKETS. STANDARD OILED CLOTHING CO. INC., New York, N. Y.
Filed August 7, 1937. Serial No. 396,171. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,802. HANDKERCHIEFS. JACK SCHWARTZ, Los Angeles, Calif.
Filed August 7, 1937. Serial No. 396,175. PUBLISHED OCTOBER 26, 1937. Class 39.

353,803. LADIES' BLOUSES, PAJAMAS, PETTICOATS, PANTIES, AND SLIPS. LEON JAY BYRON CO., INC., New York, N. Y.
Filed August 9, 1937. Serial No. 396,178. PUBLISHED NOVEMBER 2, 1937. Class 39.

353,804. SLIDE-FASTENERS FOR SWIM SUITS, TRUNKS, LEGGING SUITS, CHILDREN'S WASH SUITS, CHILDREN'S SLEEPERS, ETC. PEERS SMITZER, New York, N. Y.
Filed August 10, 1937. Serial No. 396,242. PUBLISHED NOVEMBER 9, 1937. Class 12.

353,805. FOOD PRODUCTS—NAMELY, A PREPARATION FOR MAKING SOUPS. UNIVERSAL COCOA PRODUCTS CORPORATION, Chicago, Ill.
Filed August 11, 1937. Serial No. 396,295. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,806. BIAS TAPE. W. T. GRANT COMPANY, New York, N. Y.
Filed August 12, 1937. Serial No. 396,310. PUBLISHED NOVEMBER 9, 1937. Class 40.

353,807. CANNED FISH, CANNED VEGETABLES, CANNED FRUITS, SPICES, PAPRIKA, SEEDS FOR FOOD PURPOSES, CANNED BERRIES, AND OLIVE OIL. KNICKERBOCKER MILLS CO., New York, N. Y.
Filed August 12, 1937. Serial No. 396,343. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,808. UNDERWEAR—NAMELY, WOMEN'S AND MISSES' NIGHTGOWNS, PAJAMAS, BLOOMERS, UNDER VESTS, PANTIES, CHEMISES, SLIPS, LOUNGING AND HOSTESS ROBES, DANCE SETS CONSISTING OF BRASSIÈRES AND STEP-INS IN COMBINATION, AND BRASSIÈRES. DUTCHESS UNDERWEAR CORPORATION, New York, N. Y.
Filed August 13, 1937. Serial No. 396,356. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,809. COMPLETE OIL AND GAS BUILDING HEATING UNITS, OIL AND GAS BURNERS, BOILERS, FURNACES, SERVICE WATER HEATERS, COMPLETE AIR CONDITIONING UNITS, HUMIDIFIERS, AND FORCED DRAFT VENTILATING UNITS, HOT WATER AND EXPANSION TANKS, AND GAS GENERATORS. GENERAL MOTORS CORPORATION, Detroit, Mich.
Filed August 13, 1937. Serial No. 396,360. PUBLISHED NOVEMBER 9, 1937. Class 34.

353,810. MEN'S AND BOYS' SUITS, TOPCOATS, OVERCOATS, RAINCOATS, BATHING SUITS, HATS, CAPS, BLOUSES, ETC. HEARN DEPARTMENT STORES, INC., New York, N. Y.
Filed August 13, 1937. Serial No. 396,364. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,811. LADIES' GLOVES MADE OF LEATHER, FABRIC, OR COMBINATIONS OF SAID MATERIALS. JACOB NEIVERT, doing business as Neivert Glove Co., New York, N. Y.
Filed August 14, 1937. Serial No. 396,419. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,812. COAL STOKERS. ANCHOR STOVE & RANGE COMPANY, New Albany, Ind.
Filed August 16, 1937. Serial No. 396,439. PUBLISHED NOVEMBER 9, 1937. Class 34.

353,813. WOMEN'S AND MISSES' SHOES MADE OF LEATHER, FABRIC, AND COMBINATIONS THEREOF, HATS, SCARFS, BELTS FOR OUTER WEAR, HANDKERCHIEFS, AND PETTICOATS. BONWIT TELLER, INC., New York, N. Y.
Filed August 16, 1937. Serial No. 396,443. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,814. HAT BODIES AND HATS FOR WOMEN AND CHILDREN. SCHOBN HATS, INC., New York, N. Y.
Filed August 17, 1937. Serial No. 396,517. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,815. WATCHES, WATCH CASES, WATCH PLATES. LEONARD KROWER & SON, INC., New Orleans, La.
Filed August 18, 1937. Serial No. 396,522. PUBLISHED NOVEMBER 9, 1937. Class 27.

353,816. PAINT EXTENDER. MIXOL CORPORATION, New York, N. Y.
Filed August 18, 1937. Serial No. 396,543. PUBLISHED NOVEMBER 9, 1937. Class 16.

353,817. BRAKE LINING. SOUTHERN FRICTION MATERIALS COMPANY, Charlotte, N. C.
Filed August 18, 1937. Serial No. 396,551. PUBLISHED NOVEMBER 9, 1937. Class 35.

353,818. TRAILER COUPLINGS. ENCOLE R. BERLUTI, Saginaw, Mich.
Filed August 19, 1937. Serial No. 396,558. PUBLISHED NOVEMBER 9, 1937. Class 19.

353,819. JAR RINGS FOR RECEPTACLES. CROWN CORK & SEAL COMPANY, INC., Baltimore, Md.
Filed August 19, 1937. Serial No. 396,564. PUBLISHED NOVEMBER 9, 1937. Class 35.

353,820. PLUSHES IN THE PIECE MADE OF SILK, COTTON, WOOL, AND/OR COMBINATIONS THEREOF. THE HIND & HARRISON PLUSH COMPANY, New York, N. Y.
Filed August 19, 1937. Serial No. 396,567. PUBLISHED NOVEMBER 9, 1937. Class 42.

353,821. CANNED PROTEIN MEAT-LIKE FOOD CONTAINING NO ANIMAL PRODUCTS AND USED AS A SOURCE OF PROTEINS LIKE MEAT. RURAL EDUCATIONAL ASSOCIATION, Madison College, Tenn.
Filed August 19, 1937. Serial No. 396,580. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,822. COFFEE, TEA, RICE, AND SPICES—NAMELY, PEPPER, PAPRIKA, ALLSPICE, GINGER, CARDAMON SEED, ETC. H. BUSCH & CO. INC., New York, N. Y.
Filed August 21, 1937. Serial No. 396,627. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,823. MACHINES FOR CUTTING OR GRINDING GARBAGE OR THE LIKE. GENERAL ELECTRIC COMPANY, Schenectady, N. Y.
Filed August 21, 1937. Serial No. 396,634. PUBLISHED NOVEMBER 9, 1937. Class 23.

353,824. HAT BODIES AND HATS FOR WOMEN AND CHILDREN. HENRY POLLAK, INC., New York, N. Y.
Filed August 21, 1937. Serial No. 396,647. PUBLISHED OCTOBER 26, 1937. Class 39.

353,825. HAT BODIES AND HATS FOR WOMEN AND CHILDREN. HENRY POLLAK, INC., New York, N. Y.
Filed August 21, 1937. Serial No. 396,649. PUBLISHED OCTOBER 26, 1937. Class 39.

353,826. TABLETS FOR MAKING BROTH OR BOUILLON, SUCH AS CLAM BROTH OR CLAM BOUILLON. ART AND LEWIS, INC., New York, N. Y.
Filed August 23, 1937. Serial No. 396,657. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,827. FILMS ADAPTED FOR REPRODUCTION AND CONTAINING RECORDED IMAGES OF PICTURES AND/OR RECORDED SOUND. R K O RADIO PICTURES, INC., New York, N. Y.
Filed August 23, 1937. Serial No. 396,694. PUBLISHED NOVEMBER 9, 1937. Class 26.

353,828. POSTER PAINTS. THE AMERICAN CRAYON COMPANY, Sandusky, Ohio.
Filed August 25, 1937. Serial No. 396,730. PUBLISHED NOVEMBER 9, 1937. Class 16.

353,829. BEER. DAI NIPPON BREWERY COMPANY LIMITED, Tokyo, Japan.
Filed August 25, 1937. Serial No. 396,736. PUBLISHED NOVEMBER 9, 1937. Class 45.

353,830. LADIES' AND CHILDREN'S HANDBAGS AND POCKETBOOKS. JULIUS RESNICK, INC., New York, N. Y.
Filed August 25, 1937. Serial No. 396,750. PUBLISHED NOVEMBER 9, 1937. Class 3.

353,831. CANDY. THE CURTISS CANDY COMPANY, Chicago, Ill.
Filed August 26, 1937. Serial No. 396,765. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,832. CANDY. THE CURTISS CANDY COMPANY, Chicago, Ill.
Filed August 26, 1937. Serial No. 396,766. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,833. HAT BODIES AND HATS FOR WOMEN AND CHILDREN. HENRY POLLAK, INC., New York, N. Y.
Filed August 26, 1937. Serial No. 396,783. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,834. LEATHER SHOES. THE CRESCENT SHOE COMPANY, New York, N. Y.
Filed August 26, 1937. Serial No. 396,796. PUBLISHED OCTOBER 26, 1937. Class 39.

353,835. CIGARS. GARCIA GRANDE CIGARS, INCORPORATED, New York, N. Y.
Filed August 27, 1937. Serial No. 396,811. PUBLISHED NOVEMBER 9, 1937. Class 17.

353,836. CANNED FISH. NATIONAL RETAILER-OWNED GROCERS, INC., Chicago, Ill.
Filed August 27, 1937. Serial No. 396,828. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,837. PIECE GOODS OF COTTON AND MIXTURES OF COTTON, RAYON, AND ACETATE. WAMSUTTA MILLS, New Bedford, Mass.
Filed August 27, 1937. Serial No. 396,852. PUBLISHED NOVEMBER 9, 1937. Class 42.

353,838. PIECE GOODS OF COTTON AND MIXTURES OF COTTON, RAYON, AND ACETATE. WAMSUTTA MILLS, New Bedford, Mass.
Filed August 27, 1937. Serial No. 396,854. PUBLISHED NOVEMBER 9, 1937. Class 42.

353,839. HOSIERY. BERKSHIRE KNITTING MILLS, Wyomissing, Pa.
Filed August 28, 1937. Serial No. 396,864. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,840. LADIES' COATS AND SUITS. LESS-GILBERT CORPORATION, New York, N. Y.
Filed August 28, 1937. Serial No. 396,879. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,841. BRASSIÈRES, CORSETS, GIRDLES, REDUCING FOUNDATIONS, STEP-IN GIRDLES, AND COMBINATION CORSETS AND BRASSIÈRES. THE NEATFORM CO., INC., New York, N. Y.
Filed August 28, 1937. Serial No. 396,884. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,842. BRASSIÈRES, CORSETS, GIRDLES, REDUCING FOUNDATIONS, STEP-IN GIRDLES, AND COMBINATION CORSETS AND BRASSIÈRES. THE NEATFORM CO., INC., New York, N. Y.
Filed August 28, 1937. Serial No. 396,886. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,843. BRASSIÈRES, CORSETS, GIRDLES, REDUCING FOUNDATIONS, STEP-IN GIRDLES, AND COMBINATION CORSETS AND BRASSIÈRES. THE NEATFORM CO., INC., New York, N. Y.
Filed August 28, 1937. Serial No. 396,889. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,844. WEARING APPAREL—NAMELY, LADIES' DRESSES, SUITS, AND FROCKS. MARINETTE KNITTING MILLS, Marinette, Wis.
Filed August 30, 1937. Serial No. 396,926. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,845. PAJAMAS. PHILIP BLUMSTEIN, doing business as Night Life Pajama Company, Philadelphia, Pa.
Filed August 31, 1937. Serial No. 396,948. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,846. PENCILS OF ALL KINDS. KOH-I-NOOR BLEISTIFTFABRIK L. & C. HARDTMUTH, Budweis, Czechoslovakia.
Filed August 31, 1937. Serial No. 396,958. PUBLISHED NOVEMBER 9, 1937. Class 37.

353,847. CIGAR, CIGARETTE, AND PIPE LIGHTERS OF THE CATALYTIC TYPE, AND PARTS FOR CIGAR, CIGARETTE, AND PIPE LIGHTERS. PLATINUM PRODUCTS CORP., New York, N. Y.
Filed August 31, 1937. Serial No. 396,966. PUBLISHED NOVEMBER 9, 1937. Class 34.

353,848. MEN'S SUITS. ALFRED DECKER & COHN, INC., Chicago, Ill.
Filed September 1, 1937. Serial No. 396,982. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,849. HOSIERY. BUDDY OPERA, New York, N. Y.
Filed September 1, 1937. Serial No. 396,998. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,850. MEN'S SHOES MADE OF LEATHER, FABRIC, OR RUBBER. ALEX FREEDOM, New York, N. Y.
Filed September 1, 1937. Serial No. 397,001. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,851. LADIES' HANDBAGS. ELANDEE SALES COMPANY, INC., New York, N. Y.
Filed September 2, 1937. Serial No. 397,026. PUBLISHED NOVEMBER 9, 1937. Class 3.

353,852. ELECTRIC ARC WELDING MACHINES. WILSON WELDER AND METALS CO., INC., New York, N. Y.
Filed September 3, 1937. Serial No. 397,095. PUBLISHED NOVEMBER 9, 1937. Class 21.

353,853. LEMON JUICE, UNSWEETENED, FOR BEVERAGE PURPOSES. CHULA VISTA MUTUAL LEMON ASSOCIATION, Chula Vista, Calif.
Filed September 4, 1937. Serial No. 397,109. PUBLISHED NOVEMBER 9, 1937. Class 45.

353,854. LADIES', MEN'S, AND BOYS' SHOES MADE OF LEATHER, RUBBER, FABRIC, OR VARIOUS COMBINATIONS OF SUCH MATERIALS. A. E. NETTLETON COMPANY, Syracuse, N. Y.
Filed September 4, 1937. Serial No. 397,148. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,855. CHAIRS, PARTICULARLY POSTURE CHAIRS. REMINGTON RAND INC., Buffalo, N. Y.
Filed September 4, 1937. Serial No. 397,150. PUBLISHED NOVEMBER 9, 1937. Class 32.

353,856. LENSES FOR PROTECTIVE GOGGLES AND HELMETS EMPLOYED IN WELDING, CUTTING, GRINDING, AND SPRAYING OPERATIONS AND THE LIKE. ELECTRO COVER GLASS COMPANY, Sharpsburg, Pa.
Filed September 7, 1937. Serial No. 397,188. PUBLISHED NOVEMBER 9, 1937. Class 26.

353,857. BRINE AND LIQUID CIRCULATING PUMPS. QUICK CURE BRINE PRODUCTS, INC., Chicago, Ill.
Filed September 7, 1937. Serial No. 397,196. PUBLISHED NOVEMBER 9, 1937. Class 23.

353,858. KNITTED RAYON IN THE PIECE FOR UNDERWEAR. BELLS KNITTING CORP., New York, N. Y.
Filed September 8, 1937. Serial No. 397,214. PUBLISHED NOVEMBER 9, 1937. Class 42.

353,859. DRY BATTERIES AND FLASHLIGHT CASES. BURGESS BATTERY COMPANY, Chicago, Ill.
Filed September 8, 1937. Serial No. 397,215. PUBLISHED NOVEMBER 9, 1937. Class 21.

353,860. LEATHER PACKINGS, CUPS, WASHERS, GASKETS, AND DISCS. THE GARLOCK PACKING COMPANY, Palmyra, N. Y.
Filed September 8, 1937. Serial No. 397,217. PUBLISHED NOVEMBER 9, 1937. Class 35.

353,861. HOSIERY. BULLOCK'S, INC., Los Angeles, Calif.
Filed September 9, 1937. Serial No. 397,241. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,862. ELECTRIC DRILLS. MILLERS FALLS COMPANY, Greenfield, Mass.
Filed September 9, 1937. Serial No. 397,264. PUBLISHED NOVEMBER 9, 1937. Class 21.

353,863. ACETATE AND RAYON CREPE PIECE GOODS. COLONIAL MILLS, INC., New York, N. Y.
Filed September 10, 1937. Serial No. 397,278. PUBLISHED NOVEMBER 9, 1937. Class 42.

353,864. OIL FILTERS USED AS ACCESSORIES FOR INTERNAL COMBUSTION ENGINES. DE LUXE PRODUCTS CORPORATION, La Porte, Ind.
Filed September 10, 1937. Serial No. 397,281. PUBLISHED NOVEMBER 9, 1937. Class 23.

353,865. ANIMAL BRUSHES. PARKS & PARKS INC., Troy, N. Y.
Filed September 14, 1937. Serial No. 397,417. PUBLISHED NOVEMBER 9, 1937. Class 29.

353,866. WHISKEY. RATHJEN BROS., INC., San Francisco, Calif.
Filed September 14, 1937. Serial No. 397,423. PUBLISHED NOVEMBER 9, 1937. Class 49.

353,867. CANNED DOG FOOD. THE H. D. LEE MERCANTILE CO., Kansas City, Mo.
Filed September 15, 1937. Serial No. 397,447. PUBLISHED NOVEMBER 9, 1937. Class 46.

353,868. SMOKING AND CHEWING TOBACCO. B. PAYN'S SON'S TOBACCO COMPANY, Albany, N. Y.
Filed September 16, 1937. Serial No. 397,481. PUBLISHED NOVEMBER 9, 1937. Class 17.

353,869. READY-MIXED PAINTS. COOK PAINT & VARNISH COMPANY, North Kansas City, Mo.
Filed September 17, 1937. Serial No. 397,499. PUBLISHED NOVEMBER 9, 1937. Class 16.

353,870. HOSIERY. BLOOMINGDALE BROS., INC., New York, N. Y.
Filed September 20, 1937. Serial No. 397,568. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,871. ARTIFICIAL LEATHER. RESPRO INC., Cranston, R. I.
Filed September 21, 1937. Serial No. 397,630. PUBLISHED NOVEMBER 9, 1937. Class 50.

353,872. STEEL STORAGE TANKS. WESTERN PIPE AND STEEL COMPANY OF CALIFORNIA, San Francisco, Calif.
Filed September 21, 1937. Serial No. 397,634. PUBLISHED NOVEMBER 9, 1937. Class 2.

353,873. NONALCOHOLIC, NONCEREAL, MALTLESS, BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS, EXTRACTS, AND FLAVORS USED IN MAKING THE SAME. WORLD BOTTLING COMPANY, LTD., New Orleans, La.
Filed September 23, 1937. Serial No. 397,731. PUBLISHED NOVEMBER 9, 1937. Class 45.

353,874. GALVANIZED IRON AND STEEL SHEETS. THE AMERICAN ROLLING MILL COMPANY, Middletown, Ohio.
Filed September 24, 1937. Serial No. 397,743. PUBLISHED NOVEMBER 9, 1937. Class 14.

353,875. TOOL-STEELS. LUDLUM STEEL CO., Watervliet, N. Y.
Filed September 24, 1937. Serial No. 397,762. PUBLISHED NOVEMBER 9, 1937. Class 14.

353,876. ICE DELIVERY BAGS. L. B. BARBER, doing business as Vivian Manufacturing Company, St. Louis, Mo.
Filed September 25, 1937. Serial No. 397,788. PUBLISHED NOVEMBER 9, 1937. Class 2.

353,877. BOARD GAME PLAYED WITH NUMBERED PIECES. T. M. ELLIS, JR., doing business as Skelcia Advertising Company, Beloit, Wis.
Filed September 25, 1937. Serial No. 397,801. PUBLISHED NOVEMBER 9, 1937. Class 22.

353,878. PAPER BAGS AND SACKS. GAYLORD CONTAINER CORPORATION, St. Louis, Mo.
Filed September 27, 1937. Serial No. 397,844. PUBLISHED NOVEMBER 9, 1937. Class 2.

353,879. SHRINKABLE CAPS AND BANDS USED AS CONTAINER CLOSURES. SYLVANIA INDUSTRIAL CORPORATION, Fredericksburg, Va., and New York, N. Y.
Filed September 27, 1937. Serial No. 397,863. PUBLISHED NOVEMBER 9, 1937. Class 50.

353,880. COATED FABRICS—NAMELY, ARTIFICIAL LEATHER AND LEATHER CLOTH. ATLAS POWDER COMPANY, Wilmington, Del.
Filed September 28, 1937. Serial No. 397,895. PUBLISHED NOVEMBER 9, 1937. Class 50.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

353,881. (CLASS 12. CONSTRUCTION MATERIALS.) EASTERN FORM PRODUCTS CO., Newark, N. J., assignor to Universal Form Clamp Company, Chicago, Ill., a corporation of Illinois. Filed July 12, 1935. Serial No. 367,191.

TWISTYE

For Beam Hangers and Wire Clamps, and Ties for Building Forms Particularly Those Used in Forms for Concrete and Tie Rods.
Claims use since Sept. 8, 1933.

353,882. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) MIDWEST RADIO CORPORATION, Cincinnati, Ohio. Filed July 27, 1936. Serial No. 381,490.

"AIR TESTED"

For Radio Receiving Apparatus, Kits for Radio Receiving Apparatus, Television Receiving Apparatus, Kits for Television Apparatus, Combined Sound and Picture Receiving Apparatus, Kits for Combined Sound and Picture Receiving Apparatus, Combined Radio Phonographs, and Parts and Appurtenances Thereof Consisting of Panels, Jacks, Plugs, Sockets, Thermionic Tubes, Loud Speakers, Diaphragms for Loud Speakers, Wire, Cable, and Baffles.
Claims use since July 1, 1936.

353,883. (CLASS 2. RECEPTACLES.) KRAFT-MONARCH COMPANY, St. Louis, Mo. Filed Sept. 8, 1936. Serial No. 383,025.

MODERNE

For Thermic Jugs.
Claims use since Mar. 2, 1936.

353,884. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) C. AND G. TRAILER HITCH COMPANY, Winterset, Iowa. Filed Oct. 9, 1936. Serial No. 384,153.

JRK-LES

For Trailer Hitches.
Claims use since Sept. 25, 1936.

353,885. (CLASS 32. FURNITURE AND UPHOLSTERY.) BARKER BROS., INCORPORATED, Los Angeles, Calif. Filed Oct. 10, 1936. Serial No. 384,167.

BORDEAUX

For Living-Room Furniture—Namely, Couches, Chairs, Bookcases, Cabinets, Tea-Wagons, Benches, Book-Racks, Partitioning Screens, Stands, Tabourettes, Pedestals, Davenports; Dining-Room Furniture—Namely, Tables, Chairs, Side-Boards, Buffets, Servers, Picture-Frames, Mirrors; Bedroom Furniture—Namely, Beds, Dressers, Chiffoniers, Chests, Night-Stands, Dressing Tables, Vanities, Costumers, Bureaus, Sewing-Stands; Office Furniture—Namely, Desks, Chairs, Bookcases, Book-Racks; Garden Furniture—Namely, Chairs, Tables, Benches, Porch Seats, Sun Shades.
Claims use since Sept. 21, 1936.

353,886. (CLASS 39. CLOTHING.) CANADIAN CHAMOIS & LEATHER CORP., New York, N. Y. Filed Nov. 17, 1936. Serial No. 385,623.

Warmbak

For Women's Vestees, and Prefabricated Garment-like Linings for Women's Outer Garments.
Claims use since Aug. 17, 1936.

353,887. (CLASS 39. CLOTHING.) NAN SHERWIN, INC., Hollydale and South Gate, Calif. Filed Dec. 24, 1936. Serial No. 387,145.

Nan Sherwin

For Hats for Women, and Outerwear for Women—Namely, Sport Dresses and Knitted Suits, and Play Clothes—Namely, Skirts, Slacks, Culottes, and Shorts Adaptable for Outside Wear or Inside Wear Under Sport Dresses.
Claims use since Oct. 30, 1936.

353,888. (CLASS 39. CLOTHING.) BETTERMADE GARMENT CO., Los Angeles, Calif. Filed Jan. 11, 1937. Serial No. 387,654.

Ann Gray

For Women's and Misses' Dresses, Skirts, Suits, Cloaks, Culottes, Jackets, Blouses, Pajamas, Bath Robes, Lounging Robes, and Play Suits.
Claims use since Dec. 2, 1936.

353,889. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) DISTILLED LIQUORS IMPORT CO., INC., New York, N. Y. Filed Jan. 21, 1937. Serial No. 387,969.

PENNSVILLE

For Rye Whiskey.
Claims use since Dec. 1, 1936.

353,890. (CLASS 49. DISTILLED ALCOHOLIC LIQUORS.) GIMBEL BROTHERS, INC., New York, N. Y. Filed June 10, 1937. Serial No. 393,907.

JEAN LECHAT

For Cognac.
Claims use since Dec. 12, 1936.

353,891. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) FRIDEN CALCULATING MACHINE CO., INC., San Leandro, Calif. Filed June 12, 1937. Serial No. 393,980.

FRIDEN

For Adding and Calculating Machines.
Claims use since May 19, 1934.

353,892. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) AUTOMATIC FOOD EQUIPMENT INC., Boston and Somerville, Mass. Filed July 17, 1937. Serial No. 396,329.

SHAL-O-FRYER

For Temperature Controlled Frying Kettles and Pans of the Type Used in So-Called "Deep Fat" Frying.
Claims use since Dec. 4, 1936.

353,893. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif. Filed Aug. 23, 1937. Serial No. 396,671.

READY-MIX

For Insecticides, Fungicides, and Germicides.
Claims use since June 18, 1934.

353,894. (CLASS 12. CONSTRUCTION MATERIALS.) PREPLAN, INC., Cleveland, Ohio. Filed Sept. 15, 1937. Serial No. 397,454.

EVERS

For Plaster, Concrete, and Reinforced Concrete Products, Particularly Headers, Stretchers, Facers, Counterforts, Studdings, Coping Units, and Water Table Units, Used in Retaining Walls, Crib Walls, and Dam Construction.
Claims use since February, 1934.

353,895. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) REO MOTOR CAR COMPANY, Lansing, Mich. Filed Sept. 2, 1937. Serial No. 397,602.

SPEED WAGON

For Automobiles and Structural Parts Thereof.
Claims use since May 3, 1919.

353,896. (CLASS 39. CLOTHING.) HARRY COTLER, New York, N. Y. Filed Oct. 8, 1937. Serial No. 398,276.

HARRY COTLER

For Men's Furnishings—Namely, Collars, Dress and Work Shirts, Hose, Suspenders, Garters, Arm Bands, Leather and Fabric Gloves, Belts for Outer Wear, Neckties, Underwear, Pajamas, Nightshirts, Bathing Suits, Mufflers, Bathrobes, Beach Robes, and Lounging Robes, Slippers, Spats; Men's Outer Wear—Namely, Knickers, Vests, Sweaters, Trousers, Overcoats, Hats and Caps.
Claims use since June, 1921.

353,897. (CLASS 39. CLOTHING.) SARA DE SAIX, Kansas City, Mo. Filed Oct. 14, 1937. Serial No. 398,463.

Sara De Saix

For Misses', Ladies', and Children's Dresses, Playsuits, Skirts, Blouses, and Smocks.
Claims use since January, 1928.

353,898. (CLASS 32. FURNITURE AND UPHOLSTERY.) SALMANSON & CO. INC., New York, N. Y. Filed Oct. 14, 1937. Serial No. 398,498.

KLOSAFE

For Wardrobes, Storage Closets, and Storage Chests.
Claims use since Oct. 5, 1936.

353,899. (CLASS 32. FURNITURE AND UPHOLSTERY.) THE SUITT BROTHERS MANUFACTURING CO. CAMPBELL INDUSTRIES DIVISION, Cambridge, Ohio. Filed Oct. 18, 1937. Serial No. 398,646.

TIPPERARY

For Furniture, Particularly Upholstered and Overstuffed Chairs of the Reclining Type.
Claims use since Aug. 1, 1936.

353,900. (CLASS 39. CLOTHING.) SIEGEL & ALENIKOFF, New York, N. Y. Filed Oct. 29, 1937. Serial No. 399,110.

BOMBAY LAMM

For Ladies' and Misses' Coats and Suits.
Claims use since Oct. 1, 1936.

353,901. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GEORGE GORTON MACHINE CO., Racine, Wis. Filed Nov. 11, 1937. Serial No. 399,607.

TRADE MARK
GORTON
RACINE, WIS., U. S. A.

For Pantograph Machine Tools; Engraving Machines; Duplicator Machine Tools; Milling Machines; Pen Gravers; Fuse Routing Machines; Cutting-Off Machines; Cutter Grinders; Tire Mold Machine Tools; Various Machine Tools for Die Cutting, Tool Making, Mold Cutting, Profiling, Matrix and Letter Cutting, Routing and Milling; Graduating Machines; Tables; Vises; Holders; Fixtures; Cutters; Collets; and Attachments, Parts, and Accessories.
Claims use since 1904.

353,902. (CLASS 40. DISTILLED ALCOHOLIC LIQUORS.) BARDSTOWN DISTILLERY, INC., Bardstown, Ky. Filed Nov. 15, 1937. Serial No. 399,745.

KENTUCKY STANDARD

For Whiskey.
Claims use since June, 1936.

TRADE-MARK REGISTRATIONS RENEWED

118,206. RIPE OLIVES, PRESSED FIGS, HONEY, AND MAYONNAISE DRESSING. Registered August 28, 1917. CALIFORNIA RIPE OLIVE CO., Oroville and San Francisco, Calif. Renewed August 28, 1937, to Hearst Sunical Land and Packing Corporation, San Francisco, Calif., a corporation of California, successor.

LABELS

REGISTERED JANUARY 18, 1938

50,592.—*Title:* U-STICK-ON SOLES. For Soles, Cement-Applied, for Shoes. AUBURN RUBBER CORPORATION, Wilmington, Del., and Auburn, Ind. Published September 9, 1937.

50,593.—*Title:* AUTOADE. For Auto Supplies. AUTOADE CORPORATION, INC., Chicago, Ill. Published November 8, 1937.

50,594.—*Title:* RESPIRINE. For a Medicinal Preparation for the Treatment of Asthma, Bronchitis, Hay Fever, and Sinusitis. ALBERT H. BINASH, doing business as Albert Laboratories, Chicago, Ill. Published December 9, 1937.

50,595.—*Title:* LU + STERI + CIDE CLEELAND CHLORINATED CLEANSER AND BACTERICIDE. For Chlorinated Cleanser and Bactericide. ROY A. CLEELAND, Butler, Pa. Published July 1, 1937.

50,596.—*Title:* HOME SCIENCE. For Bread. GENEST BROS. INC., Manchester, N. H. Published December 1, 1937.

50,597.—*Title:* ONE-ONE OIL. For an Oil for Colds and Aches Due to Colds. C. S. JONES, doing business as North Side Drug Store, Memphis, Tenn. Published October 30, 1937.

50,598.—*Title:* MAMMY'S. For Barbecued Peanuts. MAMMY'S BARBECUED PEANUT CO., Fort Worth, Tex. Published November 9, 1937.

PRINTS

REGISTERED JANUARY 18, 1938

16,663.—*Title:* THE GENUINE ELGIN BUTTER CUTTER. For Butter Cutters. THE CHICAGO HARDWARE FOUNDRY COMPANY, North Chicago, Ill. Published December 15, 1937.

16,664.—*Title:* GREAT BIG BEAUTIFUL WORLD. For Wheat Breakfast Food. THE CREAM OF WHEAT CORPORATION, Minneapolis, Minn. Published December 10, 1937.

16,665.—*Title:* EVELYN CHANDLER AMERICA'S QUEEN OF THE ICE "A BREAKFAST OF CHAMPIONS IS MY IDEA OF THE TOPS". For Cereal Food. GENERAL MILLS, INC., Minneapolis, Minn. Published December 21, 1937.

16,666.—*Title:* A COLLEGE PROFESSOR TURNED SANTA CLAUS BY INVENTING THE WORLD'S GRANDEST CHRISTMAS GIFT. For Fountain Pens, Mechanical Pencils, and Desk Sets. THE PARKER PEN COMPANY, Janesville, Wis. Published December 18, 1937.

REISSUES

JANUARY 18, 1938

20,625

TONE ARM FOR ELECTRIC PHONOGRAPHS

Martin Bek, Friedenau, Berlin, Germany, assignor to General Electric Company, a corporation of New York

Original No. 1,978,470, dated October 9, 1934, Serial No. 692,698, February 17, 1933. Application for reissue October 8, 1936, Serial No. 104,244. In Germany February 27, 1931

4 Claims. (Cl. 179—100.4)



1. In electric phonograph apparatus comprising a sound-box, an amplifier and a microphone device, a hollow tone-arm structure, a supporting head for said tone-arm structure, switch means to connect said apparatus for sound recording or for sound reproduction, and circuit coupling means associated with said sound-box and microphone device, said switch means being mounted within said tone-arm structure and said coupling means including elements mounted within said tone-arm supporting head, whereby space otherwise wasted within said hollow tone-arm structure is utilized for housing a portion of said phonograph apparatus.

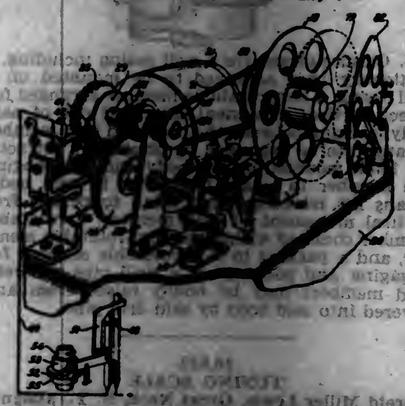
20,626

TAPE ACTUATING DEVICE

Walter J. Zenner, Des Plaines, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware

Original No. 1,973,280, dated September 18, 1934, Serial No. 656,606, February 10, 1932. Application for reissue March 20, 1935, Serial No. 12,163

24 Claims. (Cl. 178—43)



1. In a tape actuator, a retarded-stop device comprising a normally moving element, an extensible member, means for operating said member to effect the engagement thereof with said element, and means carried by said member to establish a limited movement of said element after said engagement.

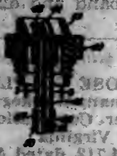
20,627

BATTERY FILLING DEVICE

Asa H. Mosher, Westfield, N. J.

Original No. 2,032,230, dated November 26, 1935, Serial No. 555,729, August 7, 1931. Application for reissue November 22, 1937, Serial No. 175,990

8 Claims. (Cl. 137—68)



3. For installation and use with a conventional storage battery cell and an individual otherwise sealed higher level liquid reservoir therefor: automatic but motionless electrolyte level maintaining apparatus comprising, in combination, two small diameter pipes, one small diameter pipe being adapted to be connected at its upper end to the lower portion of said reservoir and having means at its lower end forming a small area opening into said cell electrolyte on top of the separators and plates, the other of said small diameter pipes being adapted to be connected at its upper end to said reservoir, an upright quick dumping chamber extending from adjacent the top of said cell down into its electrolyte having its upper portion connected to the lower end of said second small diameter pipe and having in its lower side portion relatively large area opening means for the ready admission of air and quick discharge of liquid into the cell electrolyte at a level adjacent the maximum or standard electrolyte level, said dumping chamber having a sufficiently large lateral cross-sectional area so that on exposure of said large area opening means by a lowering of the electrolyte level air bubbles can readily rise through the liquid therein only to the top of said chamber to quickly release all its liquid whereby there is provided a static unbalance between the liquid in the legs of the siphon system (formed by the above elements) sufficient to start siphon flow down said first pipe and of the liquid in said second pipe followed by air up said second pipe into said reservoir until this air reaches the reservoir when siphon action stops and this air reduces the reservoir's partial vacuum permitting liquid to continue to flow down said first pipe until stopped by the closing of the dumping chamber opening means.

20,628

FROST SHIELD

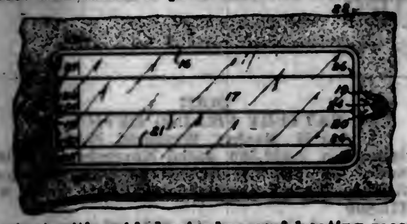
Joel R. Thorp, West Allis, Wis., assignor to The Fulton Company, West Allis, Wis., a corporation of Wisconsin

Original No. 2,002,722, dated May 28, 1935, Serial No. 695,405, October 27, 1933. Application for reissue September 24, 1935, Serial No. 41,956

19 Claims. (Cl. 219—19)

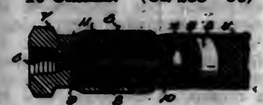
1. In combination, a frame comprising a metal band embedded within a rubber seal, a transparent sheet coacting along its entire peripheral edge with said seal within said band, said band

being spaced from the peripheral edge of said sheet and biased to press said seal into intimate



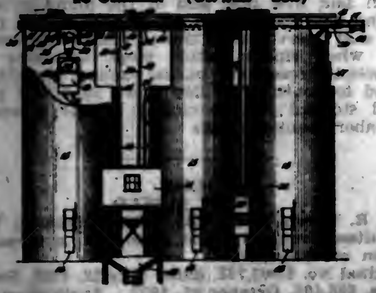
contact with said sheet edge, and heating means carried by said band and disposed within said frame.

20,629
HOSE COUPLING
Arthur A. Eisenman, Waukegan, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Original No. 1,924,712, dated August 29, 1933, Serial No. 616,944 June 9, 1932. Application for reissue April 22, 1935, Serial No. 17,504
10 Claims. (Cl. 285—94)



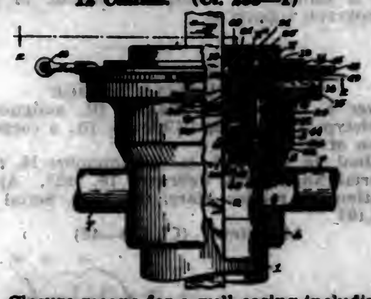
1. In combination with a non-metallic, flexible, reinforced hose having the end of its cover cut away to expose a portion of the reinforcement, a coupling shell extending over the exposed reinforcement and a portion of the hose cover, and a ductile ring positioned in said shell over the exposed reinforcement, said shell being compressed upon the hose to clamp the cover and force said ductile ring into the interstices of said reinforcement.

20,630
ELECTRICAL CONTROL MECHANISM FOR TROLLEY BUCKET PLANTS
Harold E. Hallenbeck, Clinton, N. Y., assignor to Gifford-Wood Company, Hudson, N. Y., a corporation of New York
Original No. 2,063,392, dated June 1, 1937, Serial No. 491,534, October 27, 1930. Application for reissue July 22, 1937, Serial No. 155,149
48 Claims. (Cl. 212—132)



1. An electrical control system for traversing hoists having a material carrier comprising, in combination, a hoist motor; a slowly driven hoist limit switch actuator; a traverse motor; a slowly driven traverse limit switch actuator; primary circuits for the hoist and traverse motors; a switch for controlling automatic operation; a set of six limit switches operated by the traverse limit switch actuator, two of which control the limits of the traverse motion, two of which control a slowing down of the traverse motor before the limits of the traverse motion in either direction are reached, and the remaining two of which control the selecting of the direction of traverse; a set of four limit switches operated by the hoist limit switch actuator, two of which control the limits of hoisting and lowering, one of which controls the period of rest while the material carrier is loaded, and one of which interlocks electrically the traverse and hoisting motions, so that traversing cannot begin until the hoisting limit has been reached; electromagnetic contactors and control circuits controlled by and connected with said sets of limit switches also connected to said motors, so that the hoisting, lowering, stopping and traversing are controlled entirely automatically, once said automatic control switch has been closed.

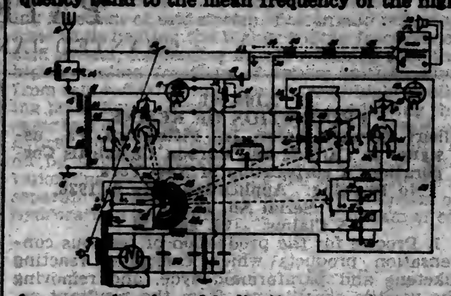
20,631
BLOW-OUT PREVENTER
John W. MacClatchie, Los Angeles, Calif., assignor to MacClatchie Manufacturing Company of California, Compton, Calif., a corporation of California
Original No. 2,051,961, dated August 18, 1936, Serial No. 591,549, February 8, 1932. Application for reissue November 15, 1937, Serial No. 174,728
12 Claims. (Cl. 255—1)



5. Closure means for a well casing including, a stationary body arranged to be mounted on a well casing, a non-rotatable member arranged for direct vertical movement into and out of said body, packing between the body and said member arranged to be expanded by pressure, a retractible latch mounted on the body and overhanging the member to retain the latter in said body, means for retracting said latch to permit free vertical movement of said member, a rotatable member confined within the non-rotatable member, and a packing in said rotatable member for engaging and packing off a drill pipe, whereby said members may be bodily raised from and lowered into said body by said drill pipe.

20,632
TUNING SCALE
Harold Miller Lewis, Great Neck, N. Y., assignor to Hazeltine Corporation
Original No. 1,967,857, dated January 15, 1935, Serial No. 565,067, September 25, 1931. Application for reissue October 2, 1936, Serial No. 103,727
14 Claims. (Cl. 250—40)

14. In a multi-band radio receiver adapted to receive signals in a broad frequency range including a high-frequency band and a low-frequency band, resistance means adjustable selectively to tune said receiver to either of said bands, means including a variable reactance element for tuning throughout each of said bands, said means effecting greater frequency adjustment for a given adjustment of said variable reactance element in the band of higher frequencies, a first scale bearing indicia of frequencies in said low-frequency band, a second scale bearing indicia of the frequencies included in said high-frequency band, the portions of said second scale corresponding to a given adjustment of said variable reactance element being substantially longer than that of said first scale, the relation between said scales and the reactances of said tuning means being such that given frequency separations on said second scale are in a ratio to like frequency separations on said first scale which is greater than the ratio of the mean frequency of the low-frequency band to the mean frequency of the high-



frequency band, and indicating means cooperating with said scales.

PLANT PATENTS

GRANTED JANUARY 18, 1938

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

289
ROSE
Frederick Huber Howard, Montebello, Calif.
Application January 5, 1937, Serial No. 119,146
1 Claim. (Cl. 47—61)

A new and distinct variety of rose plant as herein described and shown, characterised particularly by its constant production of bloom, its glossy foliage, its apparent immunity to mildew, and its semi-double blossoms of excellent lasting qualities and distinct clear pink color as described and shown.

PATENTS

GRANTED JANUARY 18, 1938

2,105,461
PRODUCTION OF RESINS

Albert Bernard Boese, Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation, a corporation of New York

No Drawing. Application May 8, 1936, Serial No. 78,641

5 Claims. (Cl. 260—3)

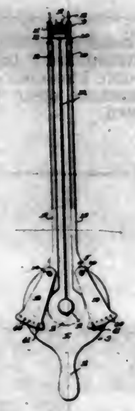
1. Process for the production of resinous condensation products which comprises reacting diketene and paraformaldehyde, and removing the volatile constituents from the resultant reaction mixture.

2,105,462
BALL SWINGING TOY

Adolph Brinkman, Milwaukee, Wis.

Application March 29, 1937, Serial No. 133,530

7 Claims. (Cl. 272—97)



1. The combination with a set of spaced bars having a handle member at one end provided with a gateway in communication with the space between the bars, a shaft connecting the bars at a substantial distance from the handle, a rotatable spool mounted on said shaft, a ball having a flexible connection with said spool at a sufficient radial distance from the shaft to allow the ball to swing through said gateway, and means for varying the dimensions of the gateway.

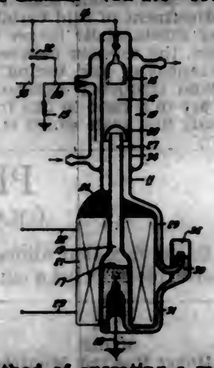
7. In a device of the described class, the combination of a support, a rotary member mounted on one end portion of the support, a weight having a flexible connection secured to and partially coiled upon the rotary member, and an anchor block resiliently supported from the rotary member and having an aperture through which said flexible connection passes, said block being movable into and out of contact with the rotary member and adapted, when in contact therewith, to hold the flexible connection in various positions of extended adjustment by abrupt flexion of the connection across the wall of the aperture in the block when the latter is in proximity to said rotary member.

2,105,463
VACUUM TUBE

Henry G. Cordes, Palo Alto, Calif.; Bertha L. Cordes, owner by decree of court

Application October 24, 1927, Serial No. 228,333

30 Claims. (Cl. 175—354)



1. The method of operating a mercury vapor tube having anode and cathode chambers comprising: establishing a high resistance in the anode chamber by cooling the chamber to the extent that said resistance cannot be broken down by a potential of ten thousand volts in the presence of a heated cathode chamber, and breaking down said resistance by piloting a discharge thru said chambers.

2,105,464
MANUFACTURE OF MOTOR FUEL

Waldo C. Ault and Carroll A. Hochwalt, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware

No Drawing. Application June 29, 1936, Serial No. 87,916

6 Claims. (Cl. 196—28)

1. In the treatment of a cracked distillate of motor fuel boiling range, rich in sulfur and gum forming constituents, to form a distillate of motor fuel quality, the steps which include subjecting the distillate while in vapor phase to a metal oxide which has been rendered distinctly alkaline, whereby sulfur impurities are rendered removable by phosphoric acid treatment and subsequently scrubbing the distillate with phosphoric acid under conditions whereby polymerizable and sulfur containing impurities are removed without substantially reducing the octane number of the motor fuel.

2,105,465
CORD CONNECTER BODY

Edward F. Bannon, Bridgeport, Conn., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn., a corporation of Connecticut

Application April 22, 1936, Serial No. 75,729

7 Claims. (Cl. 173—332)

1. A connector comprising an insulating body having a recess therein opening through its inner end and having an entrance slot in its outer end

for the insertion of a blade type contact, said recess being enlarged in its portion immediately at the inner end of said entrance slot with a narrower portion inwardly of said enlargement, a contact in said recess and comprising a pair of separable resilient members and a screw con-



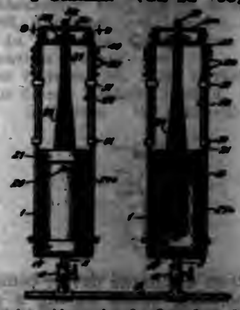
necting said members, and said members having their portions in the larged portion of the recess bent away from one another providing flanged portions of greater width than the narrowed portion of the recess to retain the contacts in the recess.

2,105,466
APPARATUS FOR TREATING BASEBALL BATS

Charles R. Beck and Garnett L. Beck, Anderson, Ind., assignors to Hillerich & Bradsby Co., Louisville, Ky., a corporation of Kentucky

Application November 11, 1933, Serial No. 697,678

4 Claims. (Cl. 21—68)



4. In a treating tank for baseball bats the combination of a chamber open at one end for the insertion of a bat to be treated, resilient means supported by said chamber and adapted to yieldingly engage the surface of the bat to prevent the escape of fluid from said chamber, means mounted on said tank and vertically adjustable relative thereto for removably locking a bat in position against movement within said tank, said adjustable locking means extending over and engaging the exposed end of said bat, and means for admitting fluid under pressure into said tank to permeate the pores of said bat.

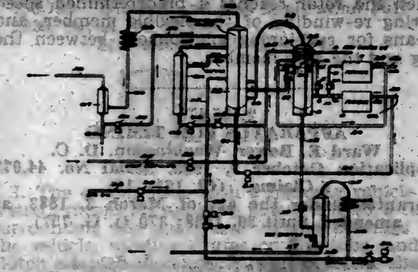
2,105,467
TREATMENT OF HYDROCARBONS

Pascal MacDonald Middleton, Dallas, Tex., and Max R. Ryan and Claude E. Reeves, Tulsa, Okla., assignors to Danciger Oil & Refineries, Inc., Tulsa, Okla.

Application February 20, 1935, Serial No. 7,438

1 Claim. (Cl. 196—52)

A process of treating hydrocarbon oils which consists in passing a stream of oil through a refluxing zone in direct contact with a stream of previously heated hydrocarbon gases and vapors from a vaporizing zone, vaporizing the lower boiling fractions of said stream of oil in said refluxing zone while heating the higher boiling fractions of said stream, condensing in said refluxing zone the higher boiling fractions of vapors, withdrawing from said refluxing zone a mixture of higher boiling point liquid hydrocarbons and conducting the same to a cracking zone admixed with a stream of hydrocarbon gas, preheating a second stream of oil by indirect contact with hot vapors in said vaporizing zone, and passing the same through a separate cracking zone admixed with a stream of hydrocarbon gas, preheating a third stream of oil



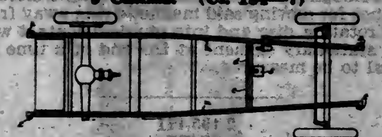
by indirect contact with hot vapors in said vaporizing zone and commingling the same with the streams flowing from said cracking zones, the temperature of said third stream of oil being substantially lower than that of the streams from said cracking zones, conducting the commingled mixture to said vaporizing zone where substantial vaporization takes place, conducting the evolved vapors and gases from said vaporizing zone to said refluxing zone, continuously removing the vapors and gases from the refluxing zone, and subjecting the same to condensation and separation to form the desired product, and withdrawing the liquid residuum from said separating zone.

2,105,468
LUBRICATION

Joseph Bijur, deceased, late of New York, N. Y., by George Bijur, executor, New York, N. Y.; said Joseph Bijur, assignor by mesne assignments, to Auto Research Corporation, a corporation of Delaware

Original application August 9, 1922, Serial No. 580,602. Divided and this application October 9, 1924, Serial No. 747,626

9 Claims. (Cl. 184—7)



1. A lubricant flow metering fitting comprising a plurality of separated cylinders of felt arranged in series and adjustable threaded means, accessible from the exterior of the fitting, to compress said felt cylinders at their periphery.

2,105,469
RETRIEVING MECHANISM

Henry Bosch, Jr., San Francisco, Calif.

Application June 19, 1935, Serial No. 27,255

15 Claims. (Cl. 242—107)

1. A retrieving mechanism for elongated flexible members comprising a roller to which one

end of said member is secured and about which it is wound and from which said flexible member can be unwound by exerting a pull on the free end thereof, means for re-winding the flexible member when it has been unwound, a stop member cooperating with the rotor, a dog carried



by the rotor and adapted to be centrifugally projected into engagement with the stop member when the rotor reaches a predetermined speed during re-winding of the flexible member, and means for cushioning engagement between the dog and the stop member.

2,105,470
APPARATUS FOR TIMING
Ward E. Bower, Washington, D. C.
Application October 8, 1935, Serial No. 44,672
5 Claims. (Cl. 161—15)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a device for measuring time to a small fraction of a second, a continuously rotating disc rotating at a predetermined definite speed, a relatively light magnetic ring coaxially mounted in juxtaposition to said rotating disc, said magnetic ring being provided with indicia thereon, a first electromagnet for moving said magnetic ring into close physical contact with said rotating disc so that said magnetic ring turns with said rotating disc, a stationary element, a second electromagnet associated with said stationary element for moving said magnetic ring away from said rotating disc into close physical contact with said stationary element, a stationary member bearing a fiducial line of reference located adjacent to said magnetic ring, means for energizing the first electromagnet for moving said magnetic ring into contact with said rotating disc at the beginning of a time interval to be measured, and means for deenergizing the first electromagnet and energizing the second electromagnet for moving said magnetic ring away from said rotating disc and into physical contact with said stationary element at the end of a time interval to be measured.

2,105,471
CUFF
Fred O. C. Brown, Grand Rapids, Mich.
Application July 23, 1935, Serial No. 32,783
1 Claim. (Cl. 2—124)

A coat sleeve comprising a body having an integral, inturned, circumferentially-continuous end portion, buttons, stitchings connecting the buttons to the inturned end portion, the stitchings being free from the body, and the body hiding the stitchings from a view-point without the sleeve, the inturned end portion forming a firm base to which the buttons may be stitched; and a narrow cuff mounted within the inturned end portion, for end-for-end reversal, the cuff being provided intermediate its upper and lower edges with button holes through which the buttons may be inserted, the mounting of the buttons on the inturned end portion serving to dispose the buttons close to the extremity of the sleeve, whereby, without unsing either the sleeve or



the cuff, the cuff may be mounted in place and reversed end for end, whilst the sleeve is on the arm of a wearer, and whereby the cuff may be narrow, as aforesaid, and still project visibly beyond the extremity of the sleeve.

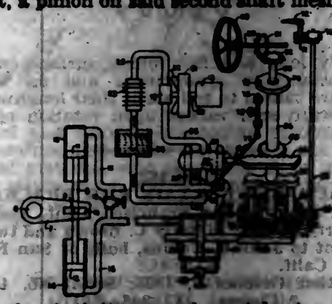
2,105,472
HIGH POWER DISCHARGE DEVICE
James R. Clark, Long Island City, Sture O. Ekstrand, Bergenfield, and Victor L. Rossi, Brooklyn, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 3, 1936, Serial No. 88,756
20 Claims. (Cl. 250—27.5)



1. An electron discharge device comprising an elongated enclosing vessel having a cylindrical metallic portion serving as an anode, vitreous portions sealed to opposite ends of said metallic portion, each of said vitreous portions having a reentrant stem, a cathode assembly extending throughout the length of said vitreous portions and said metallic portion and supported on each end by a stem, and a cylindrical grid coaxially arranged between said anode and said cathode assembly, said grid being supported at each end by said vitreous portions intermediate each end of the anode and the adjacent stem of each vitreous portion.

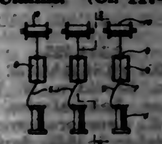
2,105,473
HYDRAULIC STEERING GEAR
Walter C. Dean, Chevy Chase, Md.
Application August 10, 1936, Serial No. 739,965
6 Claims. (Cl. 60—53)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. The combination with a double acting hydraulic ram, of means to supply fluid under pressure constantly in one direction, a valve operatively connected to said means, said valve having an element selectively movable to cause the fluid merely to circulate in said means or to act upon said ram to move it in either direction, a toothed rack connected to said element, a hollow shaft, a pinion on said shaft meshed with said rack, planet pinions carried by said hollow shaft, a second shaft extending through said hollow shaft, a pinion on said second shaft meshed with



said planet pinions, an element having internal gear teeth meshed with said planet pinions and external gear teeth, a rack meshed with said external gear teeth, pipes connecting said valve to said ram, a piston operatively disposed to be acted upon by fluid pressure in one of said pipes and connected to the last mentioned rack, and manual means to actuate said second shaft.

2,105,474
TEXTILE APPARATUS
William Alexander Dickie and Robert Wighton Mencrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application October 20, 1936, Serial No. 106,594
In Great Britain June 4, 1931
5 Claims. (Cl. 117—2)



1. Apparatus for twisting textile threads, comprising a twisting device and means for steaming the threads, the construction and arrangement being such that the twisting device inserts twist in that part of the thread which is actually under the influence of the steam.

2,105,475
CAMERA SHUTTER
Rupert H. Draeger, United States Navy
Application June 3, 1935, Serial No. 24,659
3 Claims. (Cl. 95—62)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



7. In a photographic camera, a lens barrel, a shutter lying in a single plane and an electromagnetic operating means mounted in said barrel, said means including an armature operatively connected with said shutter, and a support for said armature in said barrel outside of the plane of said shutter.

2,105,476
TRANSPORTABLE CABLE-WINDING MECHANISM
Benjamin F. Fitch, Greenwich, Conn., assignor to Meter Terminals Company, New York, N. Y., a corporation of Delaware
Original application December 3, 1934, Serial No. 755,752. Divided and this application July 18, 1935, Serial No. 32,132
14 Claims. (Cl. 254—166)

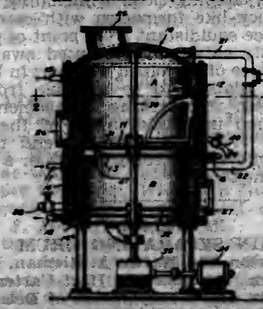


1. The combination with a highway vehicle of a shaft, means for applying power thereto, a tube surrounding the shaft and having bearings in the vehicle, winding drums on the tube, and a clutch adapted to connect the tube to the shaft.

2,105,477
TONIC FOOD PRODUCT AND PROCESS OF MAKING SAME
Fanny Matlack Godfrey, Tarrytown, N. Y., and Robert Wentworth Floyd, Bloomfield, N. J.; said Floyd assignor to said Godfrey
No Drawing. Application March 4, 1936, Serial No. 67,176
5 Claims. (Cl. 99—110)

1. A solution of concentrate of meat extract combined with mono-sodium glutamate, readily soluble albumen and a substantial amount of ethyl alcohol, for retaining the albumen in a soluble condition, substantially free from common salt.

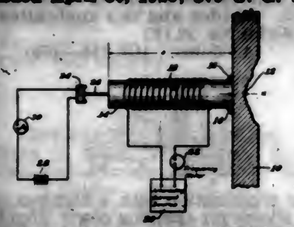
2,105,478
METHOD OF RENDERING FAT
John P. Harris, Wilmette, Ill., and William Arthur Welch, Tyrone, Pa., assignors, by mesne assignments, to West Virginia Pulp & Paper Company, New York, N. Y., a corporation of Delaware
Application August 28, 1934, Serial No. 741,783
11 Claims. (Cl. 87—13)



8. In the treatment of rendered fat containing free fatty acid in solution, the steps of neutralizing same to reduce said free fatty acids to not substantially greater than .05%, which consists in

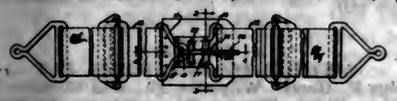
mixing the fat with activated carbon and a neutralizing agent in the presence of sufficient water to cause ionization of said agent, then, when neutralization is completed, separating the purified fat from the activated carbon and the soap that is formed.

2,105,479
APPARATUS FOR MEASURING THICKNESS
Harvey C. Hayes, Washington, D. C.
Application July 10, 1935, Serial No. 30,756
2 Claims. (Cl. 73—51)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a device for measuring the thickness of a metal wall, a member of magnetostrictive material secured substantially perpendicularly to a section of said wall the thickness of which is to be measured, means for setting up in said wall section and said member longitudinal waves in a direction perpendicular to the surface of said wall section, and means for varying the frequency of said waves so as to obtain the natural resonant frequency of the waves in said wall section and said member.

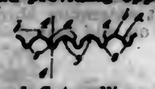
2,105,480
SAFETY BELT
Edward L. Hoffman, Montgomery, Ala.
Application February 6, 1937, Serial No. 124,463
9 Claims. (Cl. 297—49)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a safety belt, the combination of a two part flexible web, a catch loop attached to the end of one web part, and a pivotally mounted latching element attached to the end and rotatable in a plane normal to the plane of the other web part, said latching element including an end portion of hook-like formation with catch loop bearing surface equidistant from point of pivotation and cavity outwardly presented away from the external face of its joined web part in latched position and adapted to be movable from unlatched position into locking engagement with said catch loop upon movement of the latter into registry with said hook-like end portion, said locking movement being less than a ninety degree movement.

2,105,481
GRAIN SEPARATING DRUM
Leonard Johnson and Martin A. Rieman, Minneapolis, Minn., assignors to Hart-Carter Company, Peoria, Ill., a corporation of Delaware
Application February 11, 1936, Serial No. 63,949
2 Claims. (Cl. 209—95)

1. A grain separating drum having longitudinally extended, relatively narrow but flaring substantially symmetrical valleys adapted to receive grains transversely of their length and relatively wide and shallow intervening ridge-like portions adjoining the upper edges of the valley walls at angles thereto and providing oppositely inclined



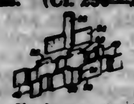
relatively long and flat rolling surfaces which are substantially symmetrical and on which grains are caused to roll about their longitudinal axes toward said valleys upon rotation of the drum.

2,105,482
DETACHABLE CURTAIN ROD BRACKET
Paul W. Johnson, San Francisco, Calif., assignor of thirty percent to Betsy C. Brown and twenty percent to John J. Collins, both of San Francisco, Calif.
Application October 8, 1935, Serial No. 44,117
2 Claims. (Cl. 248—261)



1. A curtain rod bracket comprising a body provided with parallel sides, these sides being slotted to receive a shade roller bracket, said body extending at right angles to the shade roller bracket, and a spring pressed catch for holding the shade roller bracket in the slots, said spring catch also urging the shade roller against one side of the slots for rigidly holding the two brackets together.

2,105,483
ELECTRON DISCHARGE DEVICE
Joseph P. Laico, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 7, 1936, Serial No. 104,339
6 Claims. (Cl. 250—27.5)



1. In an electron discharge device, an enclosing vessel, an electrode assembly within said vessel, a leading-in conductor extending from one wall of said vessel, a pair of flexible metallic members affixed to said assembly, and a metallic contact member carried by said conductor and grasped by said flexible members.

2,105,484
FLOOR COVERING
Louis Leonard Larsen and George Lewis Schwartz, Wilmington, Del., assignors to Krafelt Corporation of America, Wilmington, Del., a corporation of Delaware
Application March 30, 1935, Serial No. 12,110
7 Claims. (Cl. 91—68)

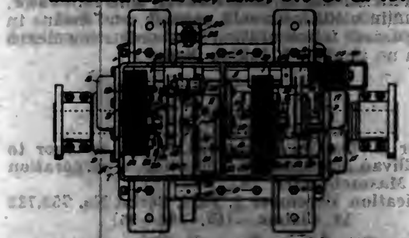
1. In a process for making floor coverings and the like the application to forwardly moving sheet material the successive steps which comprise partially saturating absorbent paper felt sheet material by applying saturant containing solvent in

amount not more than about 35% by volume to the face only of said sheet material, then while the saturant is still liquid printing without intermediate curing the sheet material from the face with print paint which penetrates substantially through the sheet, and subjecting the



printed and saturant-containing material to a temperature sufficiently elevated for the curing of said material, said absorbent sheet material being saturated by said saturant and print paint at the curing stage in such amount that a substantially filled sheet is produced.

2,105,485
TRANSMISSION MECHANISM
Otto Larsen, St. Louis, Mo.
Application April 22, 1933, Serial No. 17,665
2 Claims. (Cl. 74—377)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a transmission the combination with a driving and a driven shaft and means to establish driving connections in direct and in reverse between said shafts, said means including slidable clutch members normally disposed in a neutral position, but shiftable to positions adapted to establish said driving connections in direct and in reverse; of a clutch control assembly coacting with said clutch members, said assembly including means which when moved in one direction act to simultaneously shift both of said clutch members from their neutral positions and to place one of said members in a position to establish its driving connection in direct, said means when moved in the opposite direction functioning to shift one of said clutch members in a corresponding direction, and additional means acting independently to move said remaining clutch member in the same direction, said additional means permitting the driving connection of said remaining clutch member to be retarded until that of the other of said clutch members has been completed.

2,105,486
WHOOPING COUGH VACCINE AND METHOD OF MAKING THE SAME
Hans Langer, Berlin-Wilmersdorf, and Erich Putter, Berlin-Charlottenburg, Germany, assignors to Schering-Kahlbaum A. G., Berlin, Germany, a corporation of Germany
No Drawing. Application September 10, 1934, Serial No. 743,410. In Germany September 14, 1933
13 Claims. (Cl. 167—78)

1. The method of preparing a whooping cough vaccine which comprises subjecting a mixture of stocks of the bacillus Bordet-Gengou, each having constant cultural properties after long cultivation, to the action of a physiologic salt solution, alternately freezing and thawing the bacterial suspension until the remains of the bacteria appear as an amorphous mass under the microscope, then separating the insoluble matter from the toxin solution and utilizing the insoluble matter for making up the vaccine.

2,105,487
CARBONATING AND DISPENSING RECEPTACLE FOR LIQUIDS
Carl F. Lasen, Massillon, Ohio
Application December 7, 1934, Serial No. 756,552
Renewed December 11, 1936
18 Claims. (Cl. 225—18)

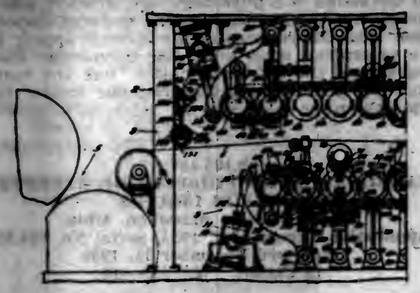


8. In a receptacle for carbonating and dispensing beverages, a container having a relatively wide open mouth bordered by an inwardly flaring flange, a closure for said container having an enlarged depending skirt portion to telescopically fit the upper portion of the container, said skirt having bayonet slots extruded thereon, projections extruded on the container wall to cooperate with said bayonet slots to removably attach the cover to the container, a gasket of substantially U-shape having one arm engaging said flange and its other arm engaging the shoulder of the skirt portion with its base contacting the wall of said skirt portion, said gasket being compressed in said position between said flange and shoulder when the cover is applied and the projections are engaged in the bayonet slots, means for introducing gas into the container, and means for dispensing carbonated liquid therefrom.

2,105,488
APPARATUS FOR APPLYING MOBILE FILMS
Peter J. Massey, River Forest, Ill., and William F. Thiele and Bert F. Ragrager, Wisconsin Rapids, Wis., assignors, by mesne assignments, of nine-tenths to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., a corporation of Wisconsin and one-tenth to Peter J. Massey, Chicago, Ill.
Application September 11, 1935, Serial No. 40,151
10 Claims. (Cl. 91—50)

1. In a device of the class described, a plurality of pivotally mounted standards, a roll carried by each of said standards, means connecting adjacent standards, adjustable to control the degree of contiguity of the rolls carried by said adjacent standards, single means for urging said adjacent

standards together to maintain said rolls at the adjusted degree of contiguity, said urging means



being operable to rock said standards about their pivotal mounts away from each other to separate said rolls.

2,105,489
PROTECTIVE COVERING
William Henry Moss, London, England, assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application August 10, 1934, Serial No. 739,238. In Great Britain August 24, 1933
12 Claims. (Cl. 91—68)

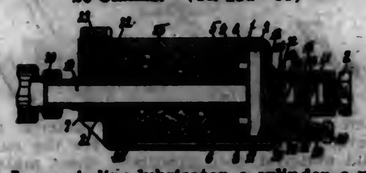
1. Protective coating materials comprising a tape, ribbon, film, fabric or the like coated with a composition containing a lacquer base and a proportion of the order of at least 60% of the weight thereof of plasticizer of high solvent power and having an outer layer of a composition containing a lacquer base and a proportion of the order of at least 85% of the weight thereof of plasticizer of high compatibility but limited solvent power.

2,105,490
LUBRICATOR
Warren Noble, Michigan City, Ind., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application July 14, 1934, Serial No. 735,162
23 Claims. (Cl. 184—55)



2. In an air line lubricator, a casing having a streamway extending longitudinally therethrough through which the fluid in the air line may flow selectively in opposite directions and end connections adapted for attachment to an air line, said streamway extending longitudinally between and connecting said connections to provide air flow therebetween, a collapsible reservoir in said casing in adjacency to said streamway and including a collapsible element for varying the volume of the reservoir, means providing communication between the streamway and the streamway side of the collapsible element, and means operative in either direction of flow in said streamway for setting up reduced pressure on the reservoir side of said collapsible element to set up discharge from the reservoir to the streamway.

2,105,491
LUBRICATING APPARATUS
Marvin Chester Huffman, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application December 3, 1934, Serial No. 755,732
26 Claims. (Cl. 184—55)



3. In an air line lubricator, a cylinder, a piston therein, said piston having a hollow piston rod extending through an end of the cylinder, said cylinder having a passage constituting a connection for the admission of air thereto at its other end and said piston rod having provision for the delivery of air at its outer end, whereby an air stream may flow from end to end through the lubricator, the space in the cylinder surrounding the piston rod constituting a lubricant reservoir, means for conducting lubricant from said space to an air stream flowing through said lubricator, communicating with said passage, and means in said passage for obturating said conducting means when no air flow is taking place.

2,105,492
LUBRICATING DEVICE
Elmer G. Gartin, Claremont, N. H., assignor to Sullivan Machinery Corporation, a corporation of Massachusetts
Application December 3, 1934, Serial No. 755,732
19 Claims. (Cl. 184—55)



19. In a lubricator, a cylinder having heads, one formed with a motive fluid supply connection and the other with a bore for receiving a piston rod, a piston reciprocable in said casing and having a piston rod extending through said bore, said piston and piston rod having a bore therethrough extending from the side of the piston nearer said first mentioned head through the opposite end of said piston rod, said casing providing a lubricant reservoir between the side of the piston nearer the second mentioned head and said second mentioned head, means for delivering lubricant from said reservoir to motive fluid passing through said lubricator at a point between the opposite ends of the latter, and valve means for controlling motive fluid admission through said motive fluid supply connection or, alternatively, emptying the lubricator of motive fluid at will.

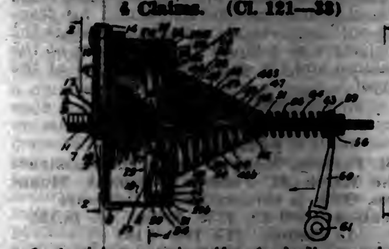
2,105,493
LUBRICATING APPARATUS
Elmer G. Gartin, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application December 3, 1934, Serial No. 755,733
21 Claims. (Cl. 184—55)

21. In a lubricator for a pressure fluid supply line, a casing having at one end a passage constituting a fluid supply connection, a piston within said casing and having a hollow piston rod, means forming a conduit through which pressure fluid flowing from said fluid supply connection is conducted through said casing, said hollow piston rod surrounding a portion of said conduit means and movable longitudinally relative to the latter, means at the other end of said casing



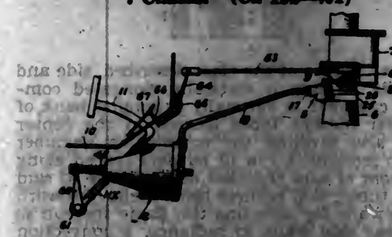
providing a bore into which the piston rod passes upon movement of said piston toward the last mentioned end of said casing, said casing providing between the piston and the last mentioned casing end a lubricant reservoir, means for conducting lubricant from a point near the last mentioned end of the casing to said passage, and valve means for supplying pressure fluid to either end of said casing at will.

2,105,494
PISTON AND CYLINDER CONSTRUCTION
McKinley Palmer, Beverly Hills, Calif.
Application October 7, 1936, Serial No. 104,499
6 Claims. (Cl. 121—38)



1. A piston construction including a piston rod having a head at one end, a piston head furnished with hollow hub construction having an aperture leading thereinto smaller than said rod head and containing the headed portion of said rod, a compression spring within said hollow hub and engaging the headed portion of said rod to move it outwardly, additional springs cooperating to move said rod in the same direction as the first recited spring, and a piston cylinder construction with which the piston cooperates and upon which said additional springs abut.

2,105,495
VALVE CONSTRUCTION
McKinley Palmer, Beverly Hills, Calif.
Application October 7, 1936, Serial No. 104,500
7 Claims. (Cl. 192—.01)



1. A valve device comprising a body portion having a chamber therein and an aperture opening into said chamber, said body comprising a seat portion surrounding said aperture at an end of said chamber, said body having a passageway therein communicating with said chamber thru the medium of said aperture, said passageway communicating with a hole or holes extending thru said body portion, said body having a second aperture and a third aperture therein opening into said chamber, a cap member overlying said second aperture and a nut member in said third aperture, said cap member and said nut member each having through them an aperture opening into said chamber, a valve, said valve comprising a head portion and a shank portion, said valve head being positioned in said chamber and said shank being positioned in said cap aperture, said shank at different points along its length being of less cross sectional area than said cap aperture at such points said valve head comprising a seat portion, the inner end of said cap member having a coacting seat portion, and a coiled spring surrounding said shank and engaging said valve head and said cap.

2,105,496
VACUUM OPERATED DEVICE
McKinley Palmer, Los Angeles, Calif.
Application January 21, 1935, Serial No. 2,662
10 Claims. (Cl. 192—.01)



1. In a power actuator, a cylinder, a piston movable in said cylinder, a rod, means to universally connect said rod to said piston, a head member, means to adjustably connect the rod to the head member, an arm, means to universally mount the arm on the head member, said head member having a cam surface thereon and means adapted to coact with said cam surface to move the head member and piston.

2,105,497
COMBINED VENTILATOR AND AIR CLEANER FOR MOTOR VEHICLES
McKinley Palmer, Beverly Hills, Calif.
Application November 27, 1935, Serial No. 51,837
3 Claims. (Cl. 98—2)



1. In an automobile, an engine, a closed body compartment, a partition between the engine and compartment, said partition having an aperture therethrough, a tubular member positioned in said aperture, a gasket arranged about the tubular member and engaging the partition, said tubular member having a curved flange thereon engaging said gasket, the end of said tubular member in the driver's compartment being threaded, an elbow threadedly engaging said threaded portion of the tubular member, the end of said elbow engaging said partition about said aperture, a set screw passing through said elbow and engaging said tubular member, an air cleaner mounted on said elbow, said elbow constituting an air inlet, said tubular member having a

bead thereon adjacent the end thereof which is disposed nearest to said engine, a flexible conduit having its end disposed over said bead on said tubular member, a clamp collar on said tubular member engaging said flexible conduit to effect a seal, a valve member, means to connect the valve member to the carburetor, said valve member including an inlet portion, said flexible hose engaging said inlet portion, said valve member having an aperture in one wall leading to the atmosphere, a valve in said valve member, said valve in one position affording communication between the conduit and the carburetor and in another position affording communication between the carburetor and the atmosphere and means to move said valve.

2,105,498

ACETYLATION OF WOOD PULP

Arthur N. Parrett and Judson H. Holloway, Shelton, Wash., assignors to Rainier Pulp & Paper Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application June 27, 1936, Serial No. 87,761
8 Claims. (Cl. 260—101)

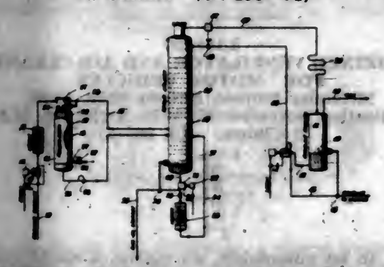
1. The process of acetylating refined wood pulp, comprising providing high alpha cellulose pulp in the sheet form with a predetermined moisture content in the range of 12 to 30%; substantially exposing the individual pulp fibers by mechanically comminuting said sheet with said predetermined moisture content to permit wetting of the fibers by acetylating agents; drying such comminuted pulp to a relatively low moisture content with air at a temperature below 35° C.; and subjecting such dried pulp to acetylating agents.

2,105,499

METHOD AND APPARATUS FOR TREATING CRACKED HYDROCARBON OILS

Ralph M. Parsons, Mount Vernon, Ohio, assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio, a corporation of Delaware

Application March 2, 1935, Serial No. 8,992
2 Claims. (Cl. 196—94)



1. The method of treating cracked gasoline for the removal of unstable, unsaturated hydrocarbons, which comprises converting the cracked gasoline into vapor and liquid fractions under conditions of temperature and pressure such that the unstable, unsaturated hydrocarbons are concentrated in the liquid fraction, separating the vapor fraction from the liquid fraction and introducing the vapor fraction directly into a fractionating zone, passing the separated liquid fraction through a polymerizing and degumming material to polymerize the unstable constituents therein, reducing the pressure of the treated liquid to a value such that a substantial portion thereof vaporizes at the temperature received from the treating zone and introducing the liquids and released vapors to said fractionating zone, for fractionation with said vapor fraction, to separate the heavy polymers as a liquid and the gasoline containing constituent as a vapor, and removing and condensing said vapor to separate the gasoline therefrom.

2. A system for the treatment of cracked gasoline for the removal of unstable, unsaturated hydrocarbons, comprising a treating column and a rerun column, said treating column having a compartment containing a polymerizing and degumming substance, a compartment located above said first compartment and separated therefrom by perforated walls to permit passage of liquid therethrough, means converting the cracked gasoline into vapor and liquid fractions under conditions of temperature and pressure such that the unstable, unsaturated hydrocarbons are concentrated in the liquid fraction, means introducing said vapor and liquid fractions into said last compartment at a rate such that a layer of liquid is maintained therein, means withdrawing the vapor fraction from said last compartment without passage through said first compartment, means introducing said vapor fraction into said rerun column for the separation of the heavy constituents therefrom, means withdrawing said liquid fraction from the bottom of said treating column after passage through said first compartment and means introducing the treated liquid fraction into said rerun column for fractionation with said vapor fraction to separate the heavy polymers as a liquid at the bottom of the rerun column and the gasoline as a vapor at the top thereof.

2,105,500

FURNACE

Ralph M. Parsons, Mount Vernon, Ohio, assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio, a corporation of Delaware

Application April 25, 1935, Serial No. 18,125
11 Claims. (Cl. 196—110)



6. In a furnace of the class described, side and end walls forming a vertically elongated combustion chamber, a vertically extending bank of horizontal radiant tubes located in the center thereof and dividing the combustion chamber into two sections, a row of burners spaced along the bottom of said chamber on each side of said bank of tubes, said burners being inclined toward the side walls for directing the flame thereon so as to heat said walls to radiance, a convection chamber containing a bank of convection tubes carrying hydrocarbon oil above said combustion chamber and in alignment therewith, said convection chamber being of smaller cross-section than said combustion chamber and being joined thereto by sloping walls forming a passage for gases and a stream lined guide member extending longitudinally above said bank of radiant tubes to direct the gases into said convection chamber with a minimum of turbulence.

2,105,501

BUBBLE COLUMN

Ralph M. Parsons, Chicago, Ill., assignor to The Ralph M. Parsons Company, Chicago, Ill., a corporation of Delaware

Application June 26, 1936, Serial No. 87,392
4 Claims. (Cl. 261—114)



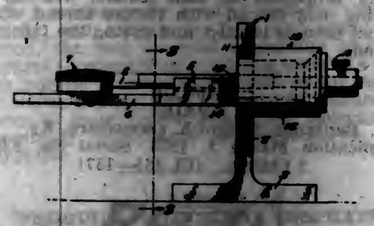
1. A bubble column comprising a tower having a plurality of spaced bubble trays therein, each tray having a central manhole opening and a plurality of bubble openings disposed thereabout, a raised circular flange around said manhole opening to confine the liquid to the circular path around said bubble openings, and a manhole cover closing the manhole opening of each tray, said manhole covers normally seating on said raised flanges and having guide members cooperating with said flanges to guide the covers into seating position when the covers are raised vertically therefrom, and spring means releasably securing said manhole covers in place and permitting the same to be unseated in response to a predetermined pressure below said trays whereby said manhole covers serve as pressure relief valves for said column, and means accessible from below the tray for releasing said spring means.

2,105,502

VALVE STEM CLEARANCE JIG

Delbert Feimler, Farmer City, Ill.

Application October 8, 1936, Serial No. 104,737
2 Claims. (Cl. 33—147)



1. A valve stem clearance jig comprising a vertically arranged post having an opening, a horizontally disposed valve stem rest carried by said post, means for supporting the gage on said rest, and a jig head slidably supported on the post including a body having a bore and a seat to be engaged by a valve head with the stem supported by the rest and in engagement with the gage.

2,105,503

PIGMENT MANUFACTURE

Harold Robert Raften, Andover, Mass., assignor to Raffold Process Corporation, a corporation of Massachusetts

No Drawing. Application January 26, 1932, Serial No. 589,046
4 Claims. (Cl. 134—58)

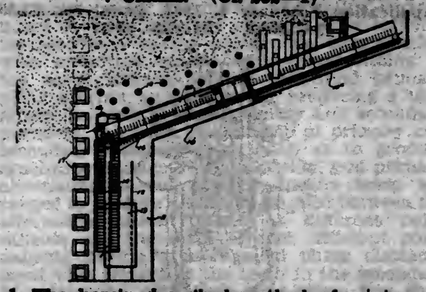
1. In the method of manufacturing pigment wherein an alkali metal carbonate is causticised with a lime containing magnesia in the presence of water, the improvement for producing pigment in excess of the amount producible in said causticizing reaction with a given amount of alkali metal carbonate which comprises mixing lime containing magnesia in the presence of water with an amount of alkali metal carbonate insufficient under the conditions of the reaction completely to carbonate the calcium content of said lime, substantially separating the solution of the causticized alkali metal salt from the solid reaction product, and then subjecting said product in the presence of water to the action of carbon dioxide at a temperature approximately between 60° C. and that of boiling, thereby maintaining substantially all the magnesium content of said product in substantially water insoluble form while continuing the addition of said carbon dioxide, until calcium carbonate magnesium basic carbonate is produced from said product.

2,105,504

METHOD OF MINING COAL

Erskine Ramsay, Birmingham, Ala.

Application September 9, 1935, Serial No. 39,707
7 Claims. (Cl. 262—1)



1. The herein described method of mining a mineral body, which consists in simultaneously sawing a series of relatively thin slices at different levels from its working face by a working force applied parallel with said face and breaking away the slices from each other and the face by a working force which is a component of the wedging action and which exerts an outward wedging pressure applied by the advance of the slicing saws along the face thereby to continuously slice and break off the whole face.

2,105,505

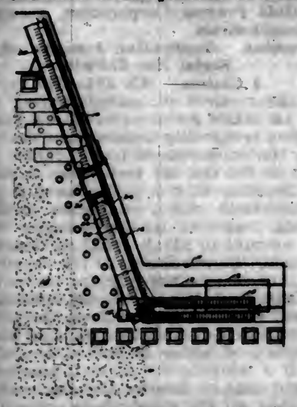
MINING MACHINE

Erskine Ramsay, Birmingham, Ala.

Application May 11, 1936, Serial No. 79,695
18 Claims. (Cl. 262—9)

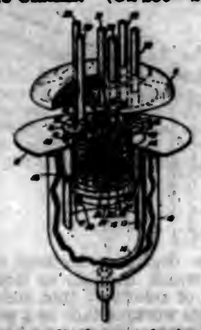
1. In a mining machine, a carriage movable back and forth along the face to be mined, a track for the carriage extending along and movable to follow the receding face being mined, a plurality of back-cutting saws mounted in said carriage to rotate at different levels in planes parallel with the face opposite them and close

thereto to sever therefrom readily breakable slices, a drive means for said saws, and cutting teeth on the saws which present to the mineral



slice cut free from the face an inclined edge disposed to exert a wedging action in a direction to break off the sliced mineral as the saws advance along the face.

2,105,506
ELECTRON DISCHARGE DEVICE
Victor L. Rensel, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application February 4, 1936, Serial No. 62,255
13 Claims. (Cl. 250—27.5)



1. An electron discharge device comprising an envelope having an opening therein, an electrode within said envelope and supported thereby, a metallic member positioned at said opening and having an open-ended guiding sleeve extending into said envelope, and an electrode assembly insertable into said sleeve through said opening and disposed within said envelope, said assembly including a member slidably fitted in said sleeve.

2,105,507
ELECTRON DISCHARGE DEVICE
Victor L. Rensel, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 16, 1936, Serial No. 90,823
3 Claims. (Cl. 250—27.5)

1. An electron discharge device comprising an enclosing vessel, an electrode structure including a cathode, a grid and an anode mounted in and from one end of said vessel, an insulating member at each end of the structure for spacing said electrodes, said cathode being resiliently supported from one of said insulating members, said



anode having sockets extending longitudinally of its surface, and means at the other end of said envelope cooperating with said sockets to support said structure laterally but allowing longitudinal expansion and contraction of said anode.

2,105,508
MANUFACTURE OF ISOPROPYL ETHER
Raphael Ream, Cranford, Hyym E. Bue, Roselle, and Robert B. Lobo, Elizabeth, N. J., assignors to Standard Alcohol Company
No Drawing. Application December 29, 1934, Serial No. 759,060
4 Claims. (Cl. 260—151)

2. Process of manufacturing isopropyl ether, which comprises converting propylene directly into ether by contacting it with a hydrating catalytic medium at a temperature between the approximate limits of 0° and 50° C. and under a pressure of approximately 50 to 500 pounds per square inch whereby a substantial amount of ether is formed which remains in solution in the hydrating catalytic medium, after which said hydrating catalytic medium is subjected to heat to remove the said ether from solution.

2,105,509
TREATMENT OF TEXTILE MATERIALS
Harvey A. Schwartz, Cleveland, Ohio, assignor to Industrial Rayon Corporation, Cleveland, Ohio, a corporation of Delaware
No Drawing. Application March 8, 1934, Serial No. 714,620
11 Claims. (Cl. 8—5)

1. A method of securing cross-dyeing effects which comprises subjecting viscose thread to radiation containing actinic rays, meanwhile controlling the duration and intensity of said radiation so as to effect a modification in the dyeing properties of said thread, weaving or knitting said thread with viscose thread which has not been so treated, and dyeing the fabric so formed.

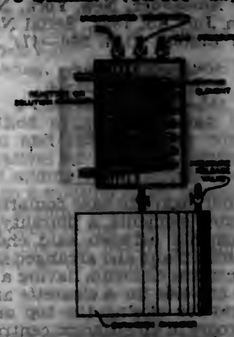
2,105,510
CHAIR
Benjamin R. Smith, Owensboro, Ky.
Application March 2, 1935, Serial No. 9,987
2 Claims. (Cl. 155—157)



1. In a chair, the combination of side bars for supporting a seat and having a cross-brace

therebetween, a bracket having sides pivoted at their forward ends to said side bars, said bracket having a transverse brace underlying the cross-brace, bolts extending through the cross-brace and transverse brace and having nuts on the lower ends thereof, springs interposed between said nuts and the transverse brace for resiliently maintaining said bracket in normal position relative to the side bars, a second bracket having a back and side arms, said side arms being pivoted intermediate their ends to the rear ends of the sides of the first-mentioned bracket, said side arms having slots in their forward ends thereof, a bolt extending through said slots and through the sides of the first-mentioned bracket for holding the second bracket in adjusted position relative to said first-mentioned bracket, the back of the second bracket having upwardly extending ribs thereon, each of said ribs having a longitudinal slot therein, a transversely extending back-supporting bar having upwardly extending grooves therein receiving the ribs of the back of the second bracket, and bolts extending through the slots and through the bar for adjustably securing said bar to the second bracket.

2,105,511
INSULATING AND SOUND PROOFING MATERIAL AND METHOD OF PRODUCING SAME
Robert Dewey Snow and Harold Joseph Hepp, Bartlesville, Okla., assignors to Phillips Petroleum Company, Bartlesville, Okla., a corporation of Delaware
Application April 14, 1936, Serial No. 74,293
3 Claims. (Cl. 106—93)

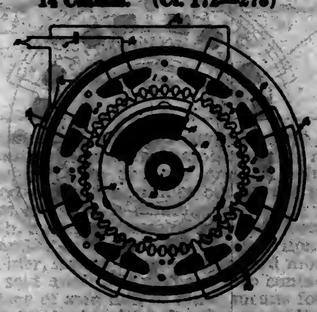


3. A substantially cellular material, light in weight, and suitable for heat and sound insulation, the said material containing small gas pockets surrounded by retaining walls of a resinous, polymeric compound formed by the reaction of sulfur dioxide with olefins predominantly of three or more carbon atoms per molecule and essentially non-plastic at atmospheric temperatures.

2,105,512
PRODUCTION OF ALKYL SULPHATES
Carlyle J. Stalmann, Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application December 16, 1936, Serial No. 116,162
8 Claims. (Cl. 260—99.12)

1. The process which consists in stripping under subatmospheric pressure a dialkyl sulphate, in which the alkyl groups have less than 4 carbon atoms, from a mixture containing the dialkyl sulphate, the alkyl sulphuric acid and sulphuric acid, the stripping agent being a volatile organic liquid which is substantially non-reactive under the conditions of the process.

2,105,513
MOTOR
DIRECTIONAL SELF-STARTING INDUCTOR
Alfred F. Welch, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York
Application July 22, 1936, Serial No. 91,941
14 Claims. (Cl. 172—278)

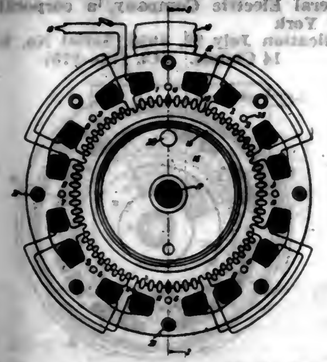


1. An alternating-current synchronous motor comprising co-operating, relatively rotatable, primary and secondary members, the primary member being provided with salient magnetic pole pieces, each having evenly spaced teeth therein, alternating-current winding means on the primary for producing alternating-current fluxes between different primary polar salients, the secondary having a magnetic core member with uniformly spaced teeth corresponding to the tooth spacing in the individual primary polar salients, and means for producing a unidirectional flux between primary and secondary members, the tooth relationship of primary and secondary members being such as to produce synchronous inductor motor action, said primary alternating-current winding means being arranged to produce a time-phase shift between the alternating-current fluxes at different polar salients and the teeth of such different polar salients having a mechanical phase displacement with respect to the teeth in the secondary to correspond with such time-phase flux shift to assure operation of the motor in a selected direction of rotation.

2,105,514
SELF-REVERSING MOTOR DRIVE
Alfred F. Welch, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York
Application July 22, 1936, Serial No. 91,942
3 Claims. (Cl. 172—278)

1. A reversible electric motor drive comprising, a self-starting reversible synchronous inductor motor, said motor having a magnetic stator part provided with an even number of salient pole pieces energized by a single-phase winding to produce alternating fluxes of opposite polarity in adjacent pole pieces, a rotor of magnetic material connected to the load to be driven and having a plurality of evenly spaced teeth in its periphery, similarly spaced teeth in the stator pole piece faces, the teeth in the stator pole pieces of one polarity at a given instant being aligned with the rotor teeth when the stator teeth

in the pole pieces of the opposite polarity at the same instant are midway between the rotor teeth, permanent magnet means for producing a unidirectional homopolar flux between the stator and rotor of such value as to combine with the alternating-current fluxes of the stator pole pieces to produce a resultant field between the stator and rotor having half as many magnetic poles as there are stator poles, which resultant field may be visualized as rotating in either direc-



tion at the same speed as the single-phase field produced by the single-phase winding alone, said motor having a substantially uniform air gap reluctance to the unidirectional flux in all rotor positions and being self-starting and operable in either direction of rotation with equal facility, and means for reversing the direction of rotation of said motor while in normal operation in either direction comprising resilient stop means for stalling the motor at predetermined points in its range of rotation in either direction.

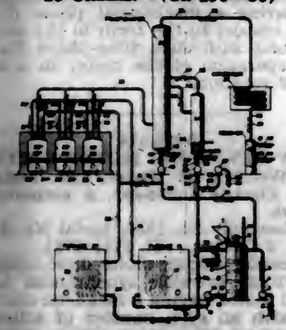
2,105,515

TREATMENT OF HYDROCARBONS

Joseph G. Alther, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application January 20, 1934, Serial No. 707,570

16 Claims. (Cl. 196—56)



14. A process for coking heavy hydrocarbon material which comprises depositing the material to be coked upon a substantially horizontal refractory plate in a coking zone, heating said plate from below by combustion of fuel and supplying a coking heat therethrough to the material to be coked, passing a hydrocarbon oil of lower boiling point than said heavy material in a restricted stream through a heating zone and heating the same therein to its cracking temperature, and discharging the thus heated light oil directly onto the material deposited on said plate to supply additional heat for the coking from above.

2,105,516

SLIDE LOOP

Carl E. Anderson, East Orange, N. J., assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J.

Application June 15, 1936, Serial No. 85,796

2 Claims. (Cl. 24—162)



1. A frame for slide loops comprising a single piece of bent over wire having an open button loop and extending arms to form a bottom part then extending upwardly to form end bars and then extending inwardly to form a top bar with the ends of the wire abutting, one of said ends being tapered and the other recessed to receive the tapered end and thus form a joint, the inside upper part of the button loop being tapered on both sides at the top of the button loop at its juncture with the arms.

2,105,517

SECTIONAL CIGARETTE CASE

Henry Auslander, New York, N. Y.

Application July 15, 1936, Serial No. 90,691

7 Claims. (Cl. 206—41)



1. A sectional cigarette case comprising a pair of end elongated elements, a plurality of central elongated elements between said end elements and in a common plane and arranged side by side, each of said central elements having a longitudinal groove in one side for a cigarette and top and bottom flanges for closing the top and bottom ends of the groove in an adjacent central element, and flexible elastic members extending through top and bottom portions of said elements and at their ends connecting with said end elements for uniting said elements in a unit so that adjacent elements may be relatively bent and separated to exposed said grooves, said elements having longitudinal flanges extending along their sides and engaging complementary grooves in adjacent elements.

2,105,518

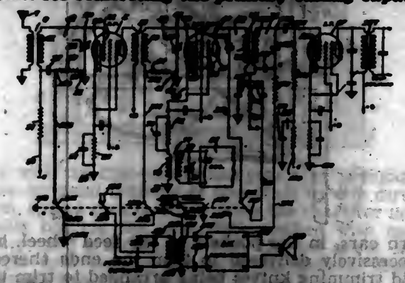
SELECTIVITY CONTROL SYSTEM

George L. Beers, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application July 31, 1935, Serial No. 34,004

3 Claims. (Cl. 250—20)

2. In an intermediate frequency amplifier, the combination with an inter-stage transformer having a primary winding and a secondary winding, of a tuning capacitor connected with a terminal of the primary winding, a second tuning capacitor connected with a terminal of the secondary winding, a conductive connection between the remaining terminals of the primary and secondary windings, a series coupling capacitor connected between said conductive connection and each of said tuning capacitors to provide primary and secondary circuits, selective switching means for connecting the primary tuning capaci-



tor with said conductive connection through the secondary series coupling capacitor to the exclusion of the series coupling capacitor for the primary circuit, and means in said last named connection for inserting resistance in the primary circuit, thereby to prevent the response characteristic of the transformer from becoming double-peaked.

2,105,519

COLORED ARTIFICIAL YARN AND LIKE MATERIALS AND METHOD OF MAKING SAME

Henry R. Bedell, Gushing, N. Y., assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application June 23, 1936, Serial No. 86,282

6 Claims. (Cl. 18—54)

1. A method of manufacturing colored filaments, yarn and like materials containing organic derivatives of cellulose, which comprises the steps of adding an anthraquinone vat coloring matter to a solution of an organic derivative of cellulose, shaping the materials, removing the solvent and topping the materials to the desired color with a dyestuff having an affinity for the organic derivative of cellulose.

2,105,520

CALCULATING MACHINE AND THE LIKE

Bengt Carlström and Ray Shannon, Atvidaberg, Sweden, assignors to Aktiebolaget Facit, Atvidaberg, Sweden, a joint-stock company of Sweden

Application August 17, 1937, Serial No. 159,483

In Germany August 18, 1936

15 Claims. (Cl. 197—99)



1. In a tabulating device for a calculating machine and the like, in combination, a rectilinearly movable carriage, a disk, pins on said disks, means for rotating said disk step-by-step, and a toothed rack on said carriage meshing with at least one of said pins, said rack being movable at an angle to the rectilinear path of motion of said carriage, while still remaining in mesh with one of said pins.

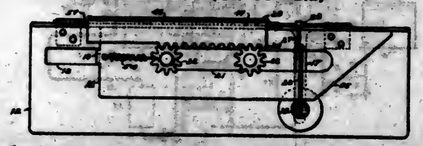
2,105,521

PHOTOGRAPH IDENTIFICATION

Neeels Champion, Orange, N. J.

Application May 18, 1937, Serial No. 143,397

5 Claims. (Cl. 95—1.1)



1. A camera attachment comprising, in combination with the camera chamber which receives the sensitized film or plate and its holder, an apertured element normally out of the path of said film or plate, a member projecting toward said path, means for moving said members along said chamber in response to the insertion of the plate holder, means responsive to said movement to shift said apertured element into contact with the surface of said film or plate, means for causing a pre-selected identifying character to register with an aperture in said element whereby, upon exposure, light will pass to said film or plate by way of said identifying character and aperture, to cause said identifying character to be photographically registered on said film or plate, a stencil composed of a series of said identifying characters, means operative upon withdrawal of the film or plate holder to remove said apertured element from the path of said holder, an indexing member, and means for connecting said indexing member to said stencil to provide for shifting of the latter in relation to said apertured element.

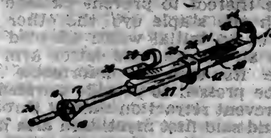
2,105,522

FIRE LIGHTER

Sherman Clevenger, Cleveland, Ohio

Application November 11, 1935, Serial No. 49,343

1 Claim. (Cl. 126—10)



A fire lighter comprising a tube having its central portion of rectangular cross section and transversely corrugated areas on its upper and lower sides, said tube having a turned-up end provided with a series of discharge orifices inclined to the axis of said turned-up end, the terminal portion of said turned-up end being tapered and projecting beyond the plane of said orifices, and the opposite end of said tube having means for supplying gas and air thereto.

2,105,523

OIL REFINING

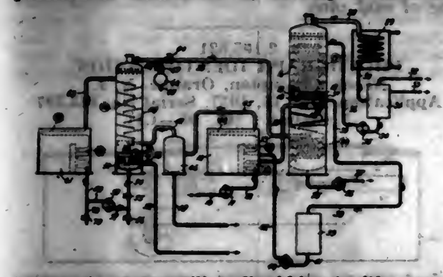
Courtlandt Forrest Dunney, New York, N. Y., assignor to Foster Wheeler Corporation, New York, N. Y., a corporation of New York

Application November 20, 1931, Serial No. 576,341

11 Claims. (Cl. 196—76)

7. The method of treating oil which comprises vaporizing the oil, passing the oil vapor through

zones of progressively lower temperature to condense high boiling point fractions of the oil vapor, partially vaporizing one of the condensed fractions, separating the vaporized and unvaporized portions of said fraction, heating to cracking



temperature an auxiliary liquid inert with respect to said oil, cracking the vaporized portion by passing it in contact with said auxiliary liquid and introducing oil vapor obtained by the cracking into said zones of progressively lower temperature.

2,105,524

HASP SEAL

Emil Dicke, Richmond Hill, N. Y., assignor to American Casting & Manufacturing Corporation, Brooklyn, N. Y., a corporation of New York

Application May 7, 1937, Serial No. 141,261

2 Claims. (Cl. 292—315)



1. A seal for extension through a staple and exteriorly of a slotted hasp closed over said staple comprising, a body having arms extending in a common plane but in opposite directions from an intermediate portion thereof, one of said arms having an outwardly extending widened section in the plane thereof to prevent passage of said arm through the staple eye, the other of said arms being of an initial width adapted to pass through the staple eye, said latter arm having intermediate its ends a deformable portion adapted to be pressed to provide a widened stop portion to prevent retraction thereof through the staple eye, and said first mentioned arm having a guard flange extending along its inner margin and projecting angularly from the plane of said arm.

2,105,525

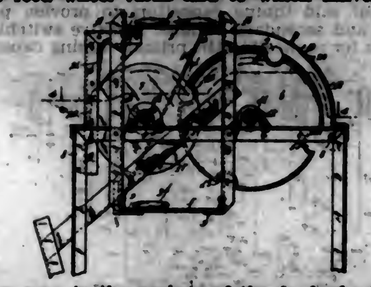
CORN EAR TRIMMER

Frank W. Douthitt, Ortonville, Minn.

Application October 1, 1936, Serial No. 103,503

4 Claims. (Cl. 146—94)

1. In a machine of the kind described, an endless conveyor having upper and lower runs, the former for carrying untrimmed corn ears and the latter for carrying trimmed corn ears, a feed wheel having open circumferentially spaced transverse corn ear pockets and being mounted to turn transversely of the conveyor, with the downwardly moving surface thereof extending between the runs of the conveyor, whereby corn ears manually taken from the upper run of the conveyor and deposited in the pockets of the feed wheel, will drop by gravity from the pockets during turning of the feed wheel and be deposited on the lower run of the conveyor, and a pair of axially spaced trimming knives between which the feed wheel turns and to which knives the



corn ears, in the pockets of the feed wheel, are successively delivered to trim the ends thereof, said trimming knives being arranged to trim the corn ears while being moved by the feed wheel between the runs of the conveyor.

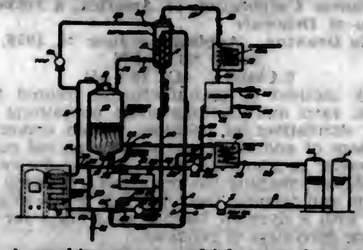
2,105,526

PROCESS OF HYDROCARBON OIL CONVERSION

Carbon P. Dubbs, Wilmette, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Original application March 23, 1925, Serial No. 17,516. Divided and this application December 3, 1932, Serial No. 645,522. Renewed September 17, 1936

5 Claims. (Cl. 196—48)



1. A cracking process which comprises passing hydrocarbon oil in a restricted stream through a heating zone and heating the same therein to cracking temperature under pressure, discharging the hot oil stream into an enlarged reaction zone maintained under cracking conditions of temperature and pressure, removing vapors from the reaction zone and dephlegmating the same to condense insufficiently cracked fractions thereof, returning resultant reflux condensate to the heating zone, combining a gasoline-containing portion of the dephlegmated vapors with the hot oil stream discharging from the heating zone to the reaction zone, finally condensing the remaining portion of the dephlegmated vapors and introducing a portion of the resultant distillate into the reaction zone at a point remote from the point of discharge of the hot oil stream thereinto.

2,105,527

RADIO PROGRAM ANNOUNCER

Harry O. N. Evans, Jr., Pittsburgh, Pa.

Application March 5, 1936, Serial No. 67,968

1 Claim. (Cl. 40—32)

A device of the character described comprising a casing having a lensed window at its front,

a driving unit, supporting means interiorly of said casing at one said thereof, a driven gear associated with said supporting means and operated by the power unit, a driving shaft journaled interiorly of the casing and shiftable axially, a drum fixed to said shaft and having a gear meshing with the first-mentioned gear and disengageable on axial shifting of the shaft in one direction, spring means active upon the shaft for normally holding the gears intermeshed with each other, and a strip removably clipped about said drum and having broadcasting indicia visible through the lensed window.

2,105,528

DISINTEGRATING BULLET

George A. Foley, New Haven, Conn., assignor to Winchester Repeating Arms Company, New Haven, Conn., a corporation of Maryland

Application April 2, 1932, Serial No. 603,962

13 Claims. (Cl. 102—36)

1. A disintegrating bullet comprising a mixture of particles of lead and a harder metal, the interior of which comprises particles of the harder metal interspaced in a core of lead and the surface of which comprises a more densely compressed, continuous mixture of said metal particles capable of being worked.

2,105,529

SPEED CONTROL SYSTEM

Erwin Geisler, Berlin-Siemensstadt, Germany, assignor to Kinematic G. m. b. H., Berlin, Germany, a corporation of Germany

Application August 6, 1934, Serial No. 739,929

In Germany September 7, 1934

3 Claims. (Cl. 192—127)



1. The combination of a driven shaft, a pair of members rotatable with and slidable along said shaft, a brake including a brake shoe arranged to cooperate with one of said members, a roller interposed between said members and connected to said brake for controlling the pressure of said brake on said member, and means connecting said roller and said brake.

2,105,530

MOVING PICTURE FILM REEL

Jacob M. Goldberg, Denver, Colo.

Application December 4, 1936, Serial No. 114,171

2 Claims. (Cl. 242—72)

1. A moving picture film reel comprising two substantially identical circular side members, each having a central circular area, offset from the plane thereof a distance slightly less than one-half the width of a film, a metal plate positioned between the adjacent surfaces of the offset areas, the plate having a central opening surrounded, on one side of the plate, by a flange, means for interconnecting the sides and the plate to form



a unitary assembly, a tubular, elongated hub extending through the opening in the plate, with its outer surface in engagement with the inner surface of the flange, means holding the plate and hub from relative movement, and means connected with the side members embracing the ends of the hub for effecting a bracing action between the hub and the reel.

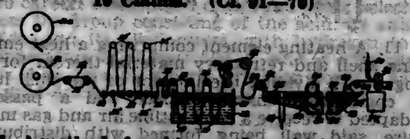
2,105,531

METHOD OF MAKING BITUMINIZED WEB MATERIALS

Harold W. Greider, Wyoming, and George Arthur Fasold, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company, a corporation of Ohio

Application July 20, 1932, Serial No. 623,286

10 Claims. (Cl. 91—70)



1. A method of making roofing which comprises immersing a web of material impregnated with a saturant in a bath of melted coating material, expelling air from said felt by means of pressure applied by progressively squeezing said web while said web is submerged in melted coating material, thereby producing a foam of bubbles in said melted coating material, releasing the pressure on the said web while said web is submerged in said bath of coating material, and maintaining an inflow and outflow of melted coating material to and from said bath so that said foam of bubbles is withdrawn from said bath without being contacted in substantial amount with said web after release of pressure on said web.

2,105,532

SELF-PROPELLED POTATO DIGGER

Joseph C. Halcomek, Malin, Oreg.

Application December 23, 1936, Serial No. 117,288

3 Claims. (Cl. 56—51)

1. In a potato digger, a main frame, wheels mounted on the main frame, a motor, gearing including a transmission between the wheels and the motor, a conveyor frame pivoted within the main frame, a digging blade extending from the forward end of the conveyor frame, an endless conveyor operating longitudinally of the conveyor frame, manually operable means for moving the conveyor frame on its pivotal support, and driving means extending longitudinally of the main

frame and connected at one end to and operated by the motor, with the opposite end of the driving means driving the conveyor, said last named driving means including a transmission and universal connections to provide for controlling the speed of the conveyor independently of the speed of the flapper as a whole and for permitting pivotal adjustment of the conveyor frame without interfering with the driving connection for the conveyor.



2. A construction as defined in claim 1, wherein the main frame is upwardly arched in vertical alignment with the blade to avoid choking the conveyor at its entrant end.

2,105,533

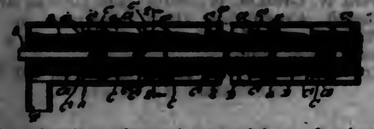
GAS BURNING APPARATUS

Fred. Hess, Philadelphia, Pa., assignor to The Selas Company, Philadelphia, Pa., a corporation of Pennsylvania

Application January 13, 1934, Serial No. 707,236

Renewed June 11, 1937

13 Claims. (Cl. 126—91)



11. A heating element comprising a heat emitting shell and refractory material therein forming a wall dividing the interior of the shell into a combustion chamber space and a passage adapted to receive a combustible air and gas mixture, said wall being formed with distributed burner channels leading to said space from said passage.

2,105,534

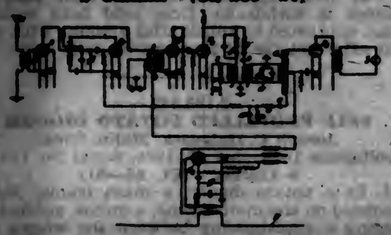
RADIO RECEIVING ARRANGEMENT

Helmut Johannsen, Berlin-Charlottenburg, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany, a company

Application May 24, 1935, Serial No. 22,169

In Germany August 14, 1934

2 Claims. (Cl. 250—20)



1. A radio receiving arrangement comprising a receiver of rectified signal modulated high frequency of one type, a receiver of rectified signal modulated high frequency of another type, separate detectors for the receivers, a common amplifying arrangement for the detected signals from the two receivers, frequency selecting means for separating the amplified signals into two different paths, two signal indicating devices, means for delivering to one device amplified detected signals from one receiver and to the other device amplified detected signals from the other receiver, a rectifier, means for feeding amplified detected signal energy from one receiver to said rectifier, and means for utilizing the direct current so derived by said rectifier to control the amplitude of the signal modulated high frequency in one of said receivers.

2,105,535

STROPPING RAZOR

Hugh J. Jones, Denver, Colo.

Application February 15, 1935, Serial No. 7,038

6 Claims. (Cl. 30—35)



4. In a razor, the combination of a head tiltably mounted to a handle; a blade to fit into the head having each end of the blade formed with stub shafts; a reversible guard for said blade having one edge smooth and the other edge notched said guard to be pivotally secured to said blade on the stub shafts at each end of the blade said blade and guard to be drawn from the head slightly to allow for stropping the blade on both sides thereof.

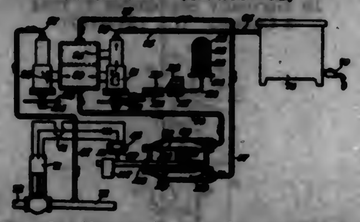
2,105,536

HEATING SYSTEM

Gudmund Ramstrand, Hasbrouck Hts., N. J., assignor to Warren Webster & Company, Camden, N. J., a corporation of New Jersey

Application February 17, 1933, Serial No. 656,230

17 Claims. (Cl. 236—21)



8. In a heating system, a steam main, a valve in said main for variably controlling the flow of steam therein, a restricting orifice through which a part of the steam is discharged from said main, an enclosed space for receiving the steam thus discharged, a variable restricting orifice for discharging steam from said space, thermostatic means for adjusting said variable orifice, and a device controlled by the difference in pressure at opposite sides of said variable orifice, said device acting to regulate said valve and thereby the flow of fluid in said main.

10. In a steam heating system, means for variably supplying steam to the system, a restricting orifice through which at least a part of said steam is discharged, an enclosed space for receiving steam thus discharged, a variable restricting orifice for discharging steam from said space, and a device controlled by the pressure drop across said variable orifice, said device acting to regulate said means for supplying steam to the system whereby steam is supplied at a rate to maintain said pressure drop at substantially a constant value.

2,105,537

SIGNALING METHOD AND ARRANGEMENT THEREFOR

Ernst Krasnay, Berlin-Tempelhof, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany, a company

Application April 16, 1935, Serial No. 17,042

In Germany April 16, 1934

6 Claims. (Cl. 250—11)



1. An arrangement for separating the first impulse in the case of double signals or the like, comprising a receiver, a condenser in the output thereof, a battery, means for charging the condenser from said battery, means for causing the condenser to be discharged by the first impulse received by said receiver, and means effective upon discharge of the condenser for recharging the condenser slowly with regard to the rate of discharge thereof, thereby to block the receiver against reception during such recharging of the condenser.

2,105,538

REDUCTION OF NOISE

Vernon D. Landon, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application April 29, 1933, Serial No. 668,969

9 Claims. (Cl. 179—90)



1. The noise reduction method which includes accentuating the high frequency components of the impulses to be transmitted, decreasing the level of said components in response to noise impulses exceeding a predetermined amplitude, and restoring a desired balance between said components.

2,105,539

TOBACCO PIPE

Edward H. Lange, Baltimore, Md.

Application November 26, 1935, Serial No. 111,939

11 Claims. (Cl. 131—18)

1. In a tobacco-pipe having a tobacco-bowl member and a smoke-transmission conduit opening into said member, a hole through the bottom of said member, a liquid-absorbing material in said hole in direct contact with the tobacco and extending across said conduit, provided with a multiplicity of predetermined indirect passages interconnecting the tobacco-bowl of said member and said conduit, said passages being independent of inherent openings in said liquid-absorbing material; a pivoted member pivotally attached to said tobacco-bowl member for normally sealing said hole, said pivoted member



having a plane surface upon which the pipe can be rested in an upright position and providing a permanently attached means for readily unsealing said hole, a gasket between said pivoted member and the tobacco-bowl member, and means for securely fastening said pivoted member in its normal position.

2,105,540

CATALYTIC HYDROGENATION PROCESS FOR THE PRODUCTION OF ALDEHYDES

Wilbur A. Lazier, Marshallton, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 9, 1935, Serial No. 961

57 Claims. (Cl. 260—128)

1. A process of producing aldehydes by the catalytic hydrogenation of a carboxyl group to an aldehyde group, which comprises heating the vapor of a compound containing the radical of an aliphatic monocarboxylic acid having at least two carbon atoms, said compound being selected from the group consisting of the acid, its anhydride, and its alkyl esters, with hydrogen to a temperature of at least 200° C. and at a pressure less than 10 atmospheres, while in contact with a mild-acting hydrogenation catalyst.

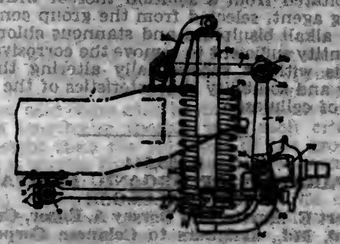
2,105,541

WHEEL SUSPENSION FOR MOTOR VEHICLES

John Wyllie Leighton, Fort Huron, Mich.

Application July 2, 1934, Serial No. 732,457

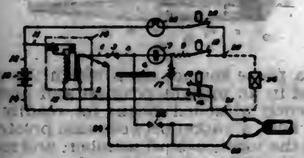
25 Claims. (Cl. 280—96.2)



1. An independent wheel suspension for motor vehicles comprising an upright floating member adapted to mount a king pin and wheel axle, means flexibly connecting said upright floating member at one end with the vehicle frame, a single bowed arm forming an inherently yieldable or flexible connection between the other end of said upright floating member and the vehicle frame, and an eccentric bushing threadedly interposed between the said upright member and said single bowed arm and threadedly adjust-

able to simultaneously tension said bowed arm and vary the angular position of said upright member.

2,105,542
TESTING APPARATUS
Erik Einar Mårtensson, Stockholm, Sweden
Application January 10, 1935, Serial No. 1,662
In Sweden September 15, 1934
4 Claims. (Cl. 175—183)



2. An arrangement for testing electrical insulation, comprising in combination a battery, an interrupter, an induction coil having a primary and secondary winding, said primary fed by said battery through said interrupter, a condenser, a spark gap having stationary electrodes, said condenser and said spark gap connected in series with said secondary, a leakage circuit, a test circuit comprising means for connecting the object to be tested, a gas filled electrical discharge vessel, means for connecting said discharge vessel either with said leakage circuit or with said test circuit, thereby connecting either of said circuits in parallel with said condenser, said vessel acting as voltage limiting element when included in said circuit and acting as current indicating means when included in said test circuit.

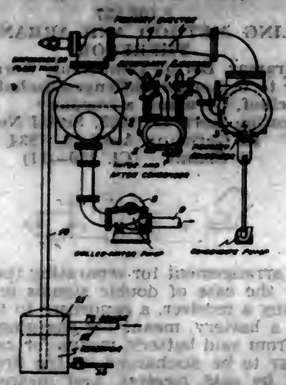
2,105,543
NONCORROSIVE ORGANIC DERIVATIVES OF CELLULOSE
Herbert E. Martin and Dorsey A. Exner, Cumberland, Md., assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application September 30, 1936, Serial No. 103,294
9 Claims. (Cl. 260—102)

1. Method of reducing the corrosive properties of a derivative of cellulose, which comprises treating the derivative of cellulose in the form precipitated from a solution thereof with a reducing agent, selected from the group consisting of an alkali bisulphite and stannous chloride, in a quantity sufficient to remove the corrosive compounds without substantially altering the viscosity and solubility characteristics of the derivative of cellulose.

2,105,544
PREPARATION OF ORGANIC DERIVATIVES OF CELLULOSE
Herbert E. Martin and Dorsey A. Exner, Cumberland, Md., assignors to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application September 30, 1936, Serial No. 103,296
9 Claims. (Cl. 260—102)

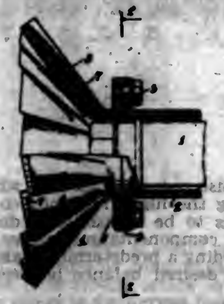
1. Method of reducing the corrosive properties of a derivative of cellulose, which comprises treating the derivative of cellulose in a solid, finely divided condition with a reducing agent, selected from the group consisting of sodium sulphoxylate formaldehyde and zinc sulphoxylate formaldehyde, in a quantity sufficient to remove the corrosive compounds.

2,105,545
SAFETY APPLIANCE FOR STEAM JET REFRIGERATION APPARATUS
Hartley B. Hallett, Jr., Montclair, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a corporation of Virginia
Application June 19, 1934, Serial No. 731,289
6 Claims. (Cl. 62—152)



1. In a steam jet refrigeration system, the combination with a flash tank having a normal water level therein, of a safety bleed-off pipe connected to said tank above the normal water level in the tank, a reservoir, said pipe opening into said reservoir, said reservoir having a quantity of liquid therein to build up a back pressure in said pipe.

2,105,546
FLAME CONE OR DIFFUSER
James McDonald, Weehawken, N. J., assignor to Todd Combustion Equipment, Inc., New York, N. Y., a corporation of New York
Application January 21, 1937, Serial No. 121,469
1 Claim. (Cl. 158—1.5)



An air directing cone for liquid fuel burners whose wall comprises a succession of circumferentially equally angled vanes, the lateral boundaries thereof being defined by lines tangential to a cylinder coaxial with said cone, and webs connecting said vanes and arranged substantially at right angles to the surfaces of said vanes, each web having a slot which extends therethrough at an acute angle to the inner surface of an adjacent vane whereby air flowing through each slot is directed in scouring relation onto and across the inner surface of said adjacent vane.

2,105,547
CONTAINER-TOP
Rose H. Morgenthaler, Wilmette, Ill.
Application October 17, 1935, Serial No. 45,435
5 Claims. (Cl. 220—17)



1. An article of the class described which comprises in combination, a container having side walls, a bottom and a three-ply top, the plies comprising said top being provided with lines of perforation defining a tab swingable from the plane of the top, the plies comprising said top being further provided with lines of perforation defining tongues adjacent an end of said tab, the upper ply of said tab being offset to overhang a lower ply and to abut thereon, and a lower ply of said tongue being offset to project from beneath an upper ply thereof and being adapted to be withdrawn from under and to overlap the overhanging ply of said tab to hold it in pressed relation against the abutment formed by the lower plies thereof, and to maintain said tab in reclosed position upon said top.

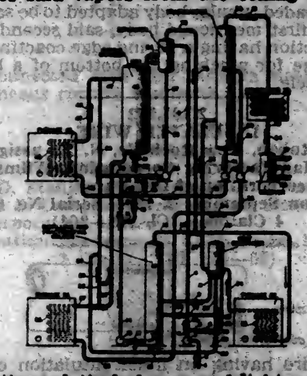
2,105,548
RAKE
Adolf Mentan, Montclair, and Carl E. Andersen, East Orange, N. J., assignors to Eastern Tool & Mfg. Co., Bloomfield, N. J.
Application November 21, 1936, Serial No. 112,004
2 Claims. (Cl. 55—114)



1. A rake comprising a yoke having a handle receiving part on the end and having two divergent arms with extensions of substantially flat form, the ends of which form clips, a tine holding bracket comprising a forward brace and a rear brace, the forward brace having its ends bent back beyond the rear brace, the rear brace having its ends embracing the said bent back ends and the extensions, the clips embracing the said bent back ends near the forward brace.

2,105,549
CONVERSION OF HYDROCARBON OILS
Jacques C. Morrell, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application December 30, 1936, Serial No. 758,442
7 Claims. (Cl. 196—52)

1. A process which comprises topping crude petroleum, thereby forming topped crude and a distillate containing natural gasoline fractions of the crude, distilling the topped crude to coke in a coking zone, combining vapors from the coking zone with said distillate, heating the resultant mixture in a heating coil sufficiently to enhance the anti-knock value of said gasoline fractions, fractionating resultant cracked vapors independently of said vapors from the coking zone and



separating relatively heavy and light reflux condensates therefrom, supplying such heavier reflux condensate to the coking zone for reduction to coke together with the topped crude, subjecting the lighter reflux condensate to independently controlled cracking conditions of temperature and pressure in a second heating coil, and introducing resultant heated products into the coking zone to assist the coking of the topped crude and heavier reflux condensate therein.

2,105,550
DISPLAY CABINET
Thomas J. Pilled and Ferdinand C. H. Miller, Swanton, Ohio, assignors to The Pilled Cabinet Company, Swanton, Ohio, a corporation of Ohio
Application April 3, 1937, Serial No. 135,754
6 Claims. (Cl. 217—63)



1. A cabinet having cover guiding grooves in opposed walls, and a cover of resilient sheet material of cellulosic nature, having its opposed side edges mounted for sliding movements in said grooves, said edges each having successive crimps spaced lengthwise thereof with each crimp of less height than the thickness of the groove in which it travels, the sheet material between each succeeding pair of crimps being bowed to have central yielding bearing contact at its convex side with one wall of the groove and to cause the crimp portions at the ends of the bow to have yielding bearing contact with the opposite wall of the groove, the bowed portions being free to expand lengthwise of the cover when compressed.

2,105,551
FUMIGATING DEVICE
William C. Purdy, Tallulah, La.
Application January 14, 1936, Serial No. 59,545
2 Claims. (Cl. 299—34)

1. A fumigating structure for a container, comprising a pair of interlocking sections, and means

for holding a fumigating material in place, one of said sections presenting a bottom member having an aperture, a radiating flange and a threaded tubular body, the other of said members presenting a threaded tubular body adapted to be screwed onto the first mentioned body, said second mentioned section having a flaring edge coacting with said flange for pinching the bottom of a bag or other article.



2,105,552
INSULATED WIRE
Samuel Ruben, New Rochelle, N. Y., assignor to Vega Manufacturing Corporation, Wilmington, Del., a corporation of Delaware
Application September 2, 1932, Serial No. 631,654
4 Claims. (Cl. 173—264)



1. A wire having an inner insulation coating including finely divided iron oxide and having an outer coating comprising finely divided aluminum held on said insulated wire by a water insoluble binder.

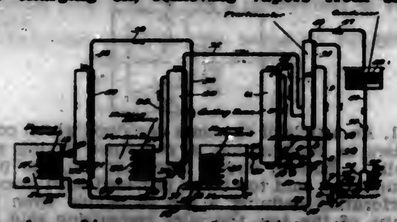
2,105,553
CHASSIS OF VEHICLES
Kurt Schröter and Hans O. Schröter, Weehmar, Gotha-Land, Germany
Application December 9, 1936, Serial No. 114,930
In Germany December 12, 1935
11 Claims. (Cl. 280—104)



1. In a vehicle chassis, a body supporting frame comprising a central longitudinal rail, a front axle assembly and a rear axle assembly each rockably mounted on said rail, and means connecting said axle assemblies with each other and with said frame in such a way that relative rocking of said axle assemblies positively moves said frame to a position intermediate that of said axle assemblies.

2,105,554
TREATMENT OF HYDROCARBON OILS
Jean Salvator Egasy, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application November 21, 1936, Serial No. 467,124
Renewed May 22, 1936
4 Claims. (Cl. 196—66)

4. A conversion process which comprises heating hydrocarbon oil to distillation temperature in a primary heating zone, separating resultant vapors from unvaporized oil and cracking the former in vapor phase in a cracking zone, independently cracking the unvaporized oil in a second cracking zone at lower temperature than said vapors and under sufficient pressure to maintain a substantial portion thereof in liquid phase, removing the vapor phase cracked vapors from the first-named cracking zone and promptly cooling the same by direct contact with fresh charging oil for the process thereby vaporizing portions of the charging oil, removing vapors from said second cracking zone and combining the same with the commingled charging oil vapors and cooled vapor phase cracked vapors, fractionating the resultant mixture to condense insufficiently cracked fractions thereof, supplying reflux condensate thus formed to the primary heating zone, and finally condensing the fractionated vapors.

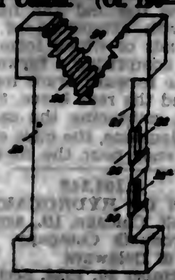


2,105,555
MATRIX FOR PHOTO COMPOSING MACHINES
Samu-El Ish-Shalom and Otto I. Bloom, New York, N. Y.
Application June 30, 1936, Serial No. 88,680
7 Claims. (Cl. 95—85)



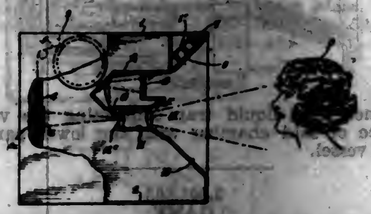
1. A matrix consisting of a metal plate bearing on its longitudinal edge a character and a supplemental character part, reproducible by direct photography as type-impressions for subsequent printing in multiple colors.

2,105,556
MATRIX FOR TYPE CASTING
Samu-El Ish-Shalom and Otto I. Bloom, New York, N. Y.
Application June 30, 1936, Serial No. 88,681
1 Claim. (Cl. 199—66)



A matrix for casting complementary type bars to be separately assembled for successive printing of a character and the character shade portion, said matrix being formed with a complete intaglio character in regular position and a complementary intaglio shade casting portion in variant position.

2,105,557
VISUALIZING CAMERA
John A. Sleek, Jamaica, N. Y.
Application March 19, 1935, Serial No. 11,796
4 Claims. (Cl. 88—1)

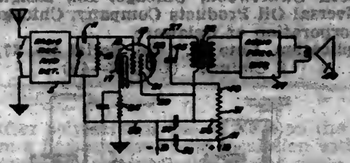


1. A camera visualizer comprising a casing having front and back walls and adapted to receive rays of an image through its front wall, a visualizing reception member supported by the casing at the front area thereof and in position to be viewed by a person facing said front wall, supporting means having a reception area for a sensitized sheet, a lens adapted to receive the image rays and to transmit the same rearwardly of the said front wall, a reflector disposed angularly of the lens and adapted to receive part of the rays of the image projected thereby and also adapted to pass the remaining rays to said sensitized sheet reception area of the supporting means, and an opposed reflector in angular relationship reverse to that of the first-named reflector and in operative register with the rear face of the visualizing reception member.

4. A camera visualizer comprising a casing, a lens carried by the front wall of the casing and adapted to receive rays of an image and to project the same inwardly, a visualizing reception member supported by the casing at the front wall thereof, a ray reflecting system within the casing adapted to receive image rays from said lens and to project them forwardly upon said visualizing, a second casing fixed to the first named casing disposed forwardly of said visualizing reception member, two mirrors within said second casing and at opposite sides of the visualizing reception member, and an adjustable reflector within said second casing forwardly of the visualizing reception member and mounted for movement into either one of two positions in optical register with either one of said mirrors and thereby being adapted to reflect an image from said member to either one of the said mirrors within the casing.

2,105,558
NOISE CONTROL SYSTEM
Rogers M. Smith, Merchantville, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application June 26, 1935, Serial No. 29,006
10 Claims. (Cl. 179—171)

4. In an audio frequency amplifier, the combination with an electric discharge amplifier device, of means providing a signal input circuit therefor, and means connected with the output circuit for varying the anode potential thereby to cause the device to operate on the knee of its power-output plate-voltage characteristic curve, and means for variably loading the output circuit connected with said variable means for simultaneous control therewith.



2,105,559
HANDLE FOR LUGGAGE
Fred D. Stellje, East Orange, N. J., assignor to T. & L. Company Incorporated, Newark, N. J., a corporation of New Jersey
Application February 24, 1936, Serial No. 65,297
1 Claim. (Cl. 190—58)



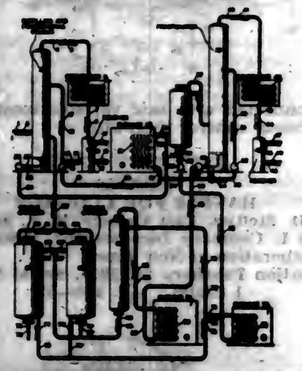
A handbag handle comprising in combination, two pairs of flexible straps, each pair secured in spaced relation on opposite sides of the bag, loops held in the proximate ends of each strap, a pair of rigid plates one end of each hingedly engaging the loops on one side of the bag, hooks on the opposed ends of said plates adapted to engage the loops on the opposite side of the bag, resilient means to turn the last named loops outwardly upon release from said hooks, and a handle having its ends pivoted to said plate.

2,105,560
BRAKE MECHANISM
Edward Stift, St. Louis, Mo.
Application December 10, 1935, Serial No. 54,513
3 Claims. (Cl. 188—79.5)



1. In brake mechanism, a cam ring positioned and adapted when rotated to expand brake shoes, and means for automatically fixing a normal position of said ring including undercut teeth on the ring and a spring pressed pawl for engaging the teeth.

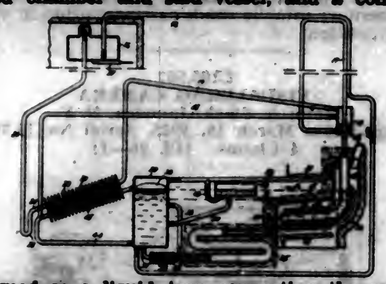
2,105,561
CONVERSION OF HYDROCARBON OILS
Kenneth Swartwood, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application June 29, 1936, Serial No. 87,943
6 Claims. (Cl. 196—49)



1. A process for the treatment of hydrocarbon oils which comprises, subjecting hydrocarbon oil charging stock for the process to fractional distillation whereby it is separated into selected relatively low boiling and high boiling fractions, subjecting selected low boiling fractions of the charging stock to conditions of pyrolytic conversion in a heating coil, discharging the resulting products from the heating coil into a separating chamber and commingling therewith selected high boiling fractions of the charging stock, subjecting vaporous products from the separating chamber to fractionation whereby their insufficiently converted components are condensed as reflux condensate, subjecting fractionated vapors of the desired end boiling point to condensation, collecting the resulting distillate, subjecting said reflux condensate to further conversion at cracking temperature and superatmospheric pressure in a separate heating coil and communicating reaction chamber, withdrawing non-vaporous residual liquid from said separating chamber, subjecting the same to additional heating under non-coking conditions in another separate heating coil, introducing the heated residual oil into said reaction chamber, withdrawing vaporous and liquid conversion products from the reaction chamber, introducing the same into a coking zone wherein their residual components are reduced to substantially dry coke, supplying vaporous products from the coking zone to the first mentioned fractionating step for fractionation together with the charging stock, and recovering from said first mentioned fractionating step any motor fuel fractions of the commingled charging stock and vaporous products from the coking zone which are of satisfactory antiknock value.

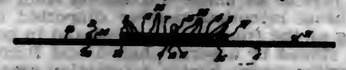
2,105,562
REFRIGERATION
Albert R. Thomas, Evansville, Ind., assignor to Servel, Inc., New York, N. Y., a corporation of Delaware
Application May 23, 1936, Serial No. 81,379
9 Claims. (Cl. 62—118)

1. In an absorption refrigerating apparatus having alternate heating and refrigerating periods, a generator, a liquid storage chamber, a vapor conduit connecting the upper parts of said generator and said chamber, a vessel closed at the top, a conduit connecting the lower parts of said chamber and said vessel, and a conduit



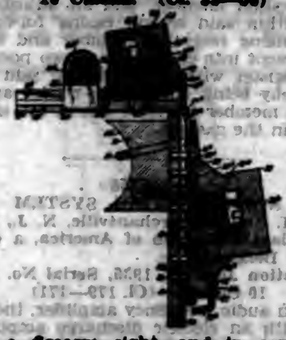
formed as a liquid trap connecting the vapor space of said chamber with the lower part of said vessel.

2,105,563
GAME
De Witt V. B. Thomas, East Orange, N. J.
Application March 19, 1935, Serial No. 11,752
3 Claims. (Cl. 272—141)



1. A "play" indicating device for games, comprising a board, a pivot post upstandingly mounted on said board, a spinner bar of magnetized metal having a hollow bearing hub intermediate its ends to rotatively engage over said pivot post for balancing said spinner bar upon the latter for revolution about the axis thereof, a metallic base ring affixed to said board concentric to said pivot post, said base ring having an annular row of fixed upstanding metallic projections spaced apart by intervening air gaps in concentric relation to the axis of said pivot post and adjacent to the path of revolving movement of said spinner bar extremities.

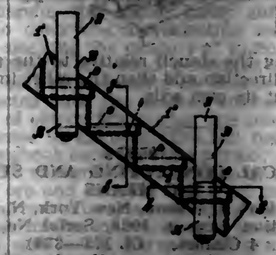
2,105,564
GUN SIGHT
Walter Vaver, Cicero, Ill., assignor of one-half to Benjamin A. Telnikoff, Riverside, Ill.; Harriet Vaver administratrix of Walter Vaver, deceased
Application June 21, 1933, Serial No. 676,863
10 Claims. (Cl. 33—46)



1. In a firearm sight, and in combination, sighting means, a frame, a carrier for said sighting means slidably mounted on said frame, a cam for raising said carrier and said sighting

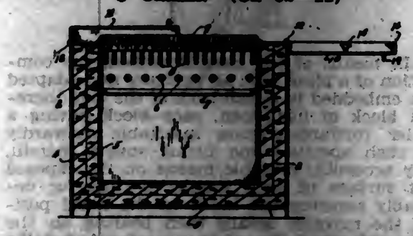
means, a rotatable dial for operating said cam, resilient means exerting pressure against said carrier for lowering said carrier and said sighting means upon the actuation of said cam and dial to permit such lowering in degree proportionately to the degree of rotation of said cam and dial, and separate means for adjusting said sighting means horizontally as to windage independently of said cam-controlled vertical adjusting means.

2,105,565
METAL STAIR CONSTRUCTION
Gustaf S. von Schmidt, Newton, Mass.
Application December 7, 1935, Serial No. 53,379
7 Claims. (Cl. 189—43)



1. Stair construction comprising a pair of inclined stringer members having their ends substantially vertical, a lower section of a newel post secured to the upper end of one of said stringers and terminating below its upper edge, an upper section of a newel post secured to the lower end of the other stringer extending above said stringer and terminating above its lower edge, and means holding said sections in axial alinement.

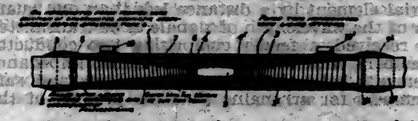
2,105,566
CUTTING BLOCK
Robert Waumsh, Salem, Oreg., assignor to Beauford B. Smith, Silverton, Oreg.
Application October 20, 1934, Serial No. 750,505
3 Claims. (Cl. 83—11)



1. In a device of the class described, the combination of a chest having side walls and a bottom wall, insulating material covering said side walls and bottom wall, a grid spanning the open top of the chest and spaced apart from the bottom wall and defining a chamber within the chest, refrigerating means disposed within the chamber, and a heat conducting cutting surface disposed above the grid.

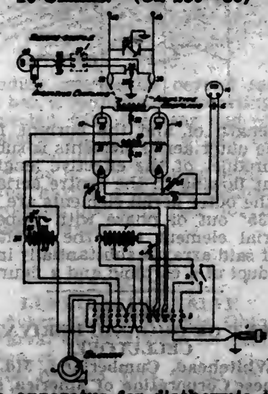
2,105,567
JOINT FOR HIGH TENSION ELECTRIC CABLES
John Krauss Webb, Aldwych, London, England, assignor to International Standard Electric Corporation, New York, N. Y.
Application September 28, 1934, Serial No. 745,931
In Great Britain December 4, 1933
7 Claims. (Cl. 173—268)

1. A method of jointing oil impregnated paper insulated high tension cables which comprises insulating the joint with a mixture of styrene and chlorinated aromatic hydrocarbon and



thereafter polymerizing the mixture on the joint to form a homogeneous solid insulation with the impregnated paper insulation of the cable.

2,105,568
APPARATUS FOR DIATHERMIC TREATMENT
Fullerton D. Webster, Mountain Lakes, N. J., assignor to Federal Telegraph Company, Newark, N. J., a corporation of California
Application April 13, 1935, Serial No. 16,183
10 Claims. (Cl. 250—36)

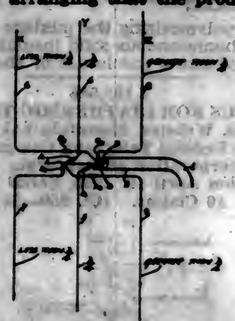


1. In an apparatus for diathermic treatment, two vacuum tube oscillators each having a filament, a grid and a plate electrode, a filament and a plate current transformer, a source of alternating current connected with the primary windings of said transformers, connections joining the secondary winding of the filament transformer and the filaments of said tubes to form a closed circuit, one point of said circuit being grounded, a secondary winding for the plate transformer grounded at a point intermediate its ends, a connection between the two grids including an induction coil connected at its midpoint to one end of the plate transformer secondary, a condenser bridged across said one end of the plate transformer secondary and the grounded point of the secondary winding, a connection between the two plates including an inductance coil connected at its midpoint to the other end of the plate transformer secondary, an output circuit including a coil coupled with the last mentioned induction coil, an inductance in said output circuit, a variable capacitance bridged across said coil and inductance, and a measuring circuit bridged across said inductance.

2,105,569
DIRECTIONAL WIRELESS AERIAL SYSTEM
Eric Lawrence Casling White, Hillingdon, and William Spencer Percival, Hanwell, England, assignors to Electric & Musical Industries Limited, Hayes, England
Application April 6, 1936, Serial No. 72,980
In Great Britain April 8, 1935
7 Claims. (Cl. 250—33)

1. An aerial array comprising a centre aerial element and two outer aerial elements arranged

side by side and substantially co-planar and parallel with one another, the two outer aerial elements being spaced apart from the centre aerial element by a distance less than one quarter of the wavelength of signals to be transmitted or received, a feeder comprising two conductor members, and connections including impedance elements between said aerial elements and said members for arranging that the product of the



effective length of and the current flowing in each of the outer aerial elements is substantially half the product of the effective length of and the current flowing in the centre aerial element and that the outer aerial elements are so phased at least 135° out of phase with respect to the centre aerial element that the resultant polar diagram of said array is substantially in the form of the product of a cardioid and a figure of eight.

2,105,570

TREATMENT OF ORGANIC DERIVATIVES OF CELLULOSE

William Whitehead, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application September 30, 1936, Serial No. 103,207

10 Claims. (Cl. 260—102)

1. Method of reducing the corrosive properties of a derivative of cellulose, which comprises treating a stabilized derivative of cellulose with oxalic acid for a period of at least one hour.

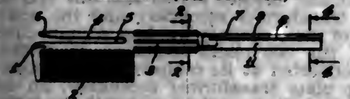
2,105,571

HAIR DRESSING TOOL

Oscar C. Williams, San Diego, Calif.

Application May 12, 1936, Serial No. 79,239

7 Claims. (Cl. 132—31)



1. In a hair dressing tool, a comb member including teeth extending laterally from one side of the body, and a prong on the opposite side of the body from said teeth extending at a right angle from said laterally extending teeth and an extended handle for said body.

2,105,572

STENCILING APPARATUS

Wilbert S. Williams, Columbus, Ohio, assignor by mesne assignments, to Solar Laboratories, Beaver, Pa., a corporation of Pennsylvania

Application September 5, 1935, Serial No. 39,305

49 Claims. (Cl. 101—124)

1. Apparatus of the class described for stenciling on curved articles comprising a curved stencil of segmental form, means for supporting the stencil, means for supporting an article within the arc of curvature of the stencil, and means



for moving the stencil relative to the article in first one direction and then the other in a rotary path about its own axis.

2,105,573

ELECTRICAL CONNECTING AND SUPPORTING MEANS

Herbert J. Wilson, New York, N. Y.

Application June 4, 1935, Serial No. 24,796

4 Claims. (Cl. 173—329)



1. In means of the class described, the combination of a plate with an aperture and adapted to be embedded in a wall back of the face thereof, a block of insulation, such block having a smaller forward portion insertable outwardly into such aperture and fitting snugly therein, freely accessible movable means on the exposed front surface of such smaller portion for detachably securing the block in the fitted position, the movable means then bearing on the front surface of the plate, a pair of metallic sockets embedded in the block and connected with electric current supply conductors, the relative proportions of said block and aperture also being such that the block may be introduced from the front of the plate inwardly through the aperture to a position behind the plate and may then be adjusted, to insert the smaller portion outwardly into the aperture as before specified, a second block of insulation provided with a pair of projecting terminal elements rigid therewith for engagement in such sockets, and an electrically controlled device having a base on which the second block is located and fixedly mounted, with the projecting terminals projecting rearwardly therefrom, whereby the base of the device may be mounted against the face of such wall when the projecting terminals are pushed into the sockets for supporting the device from the block embodying the sockets.

2,105,574

[illegible]

Patent [illegible], [illegible], Wash.

No Drawing. Application August 12, 1936, Serial No. [illegible]

9 Claims. (Cl. [illegible])

2. A process of smelting sulfide ore which comprises periodically introducing a charge consisting of small amounts of a mixture of sulfide ore and siliceous flux, the slag being sufficient in amount to slag the iron oxide formed in converting the sulfide ore until enough has been introduced for one blow for matte and slag production; the charge being introduced upon a nucleus of molten matte in a container provided with means for injecting air into the charge contained therein, the matte being sufficient in amount to cover the air injecting means; periodically smelting the mixture of sulfide ore and siliceous flux by the heat generated from the oxidation of iron and sulfur by means of an air blast injected into the matte, without further additions of ore or flux during the smelting period in order to maintain the full heat of the blow throughout each smelting period; repeating the periodic charging and smelting of a mixture of sulfide ore and siliceous flux until the desired quantity of matte is obtained; separating a portion of this matte, maintaining it in its molten condition; and using the same as a nucleus in repeating the above sequence of operations.

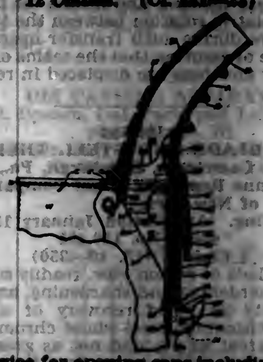
2,105,575

CAN OPENER AND BEADING DEVICE

Otto N. Wiswell, Los Angeles, Calif., assignor to Swingaway Measure Company, Los Angeles, Calif., a corporation of California

Application July 14, 1934, Serial No. 735,260

12 Claims. (Cl. 221—33)



1. A device for opening cans including a cutter, a guide in connection with the cutter to engage the side wall of a can and guide the cutter to make an opening in an end wall of the can, and a pivoted cutter in connection with the guide for cutting an opening in said side wall, said pivoted cutter having a part cooperating with the said side wall to hold the pivoted cutter inoperative during inward movement of the first mentioned cutter and to render the pivoted cutter operative as the first mentioned cutter is removed from the can.

2,105,576

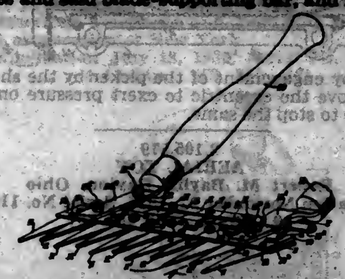
HINGE AND THE[illegible]

Joseph Wilck, Pasadena, Calif., assignor to Wilck Manufacturing Co., Chicago, Ill., a corporation of Illinois

Application April 20, 1936, Serial No. 77,151

9 Claims. (Cl. 16—211)

1. In a device of the kind described, and in combination, a blade-supporting bar, a plurality of relatively stationary spaced cutting blades fixed to said blade-supporting bar in a plane spaced below said blade-supporting bar, an oscillatable cutting blade pivotally mounted below said blade-supporting bar between each pair of said stationary blades, said oscillatable blades being disposed in a plane between said stationary blades and said blade-supporting bar, and having



ends extending rearwardly beyond said blade-supporting bar, a reciprocable operating bar pivotally connected with the rear end of each of said oscillatable blades, and a pair of handles connected to the upper face of said blade-supporting bar, one of said handles being pivotally mounted and having a pivotal connection with said reciprocable operating bar for oscillating said oscillatable blades.

2,105,577

LUBRICATING VALVE

George H. Acker, Shaker Heights, Ohio, assignor to The Farval Corporation, Cleveland, Ohio, a corporation of Ohio

Application June 25, 1934, Serial No. 732,893

10 Claims. (Cl. 184—7)



1. In a lubricating valve, the combination of a pair of ports adapted to receive and emit lubricant from a supply line in alternately opposite directions of flow, a measuring chamber connected to said ports, a piston in said chamber, a valve chamber connected to said ports and said measuring chamber, a discharge port connected to said valve chamber, and valve means in said valve chamber adapted to initially direct lubricant directly between said pair of ports and to finally direct lubricant from one of said ports to said measuring chamber and from the latter to said discharge port.

2,105,578

SHUTTLE BOX FOR LOOMS

William H. Eahns, Greenville, S. C.

Application September 26, 1935, Serial No. 42,914

4 Claims. (Cl. 139—196)

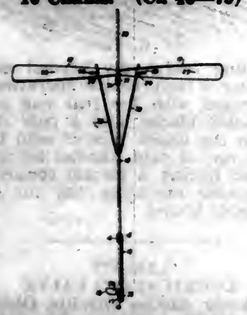
1. In a loom having a lay and a shuttle box and a picker to receive the impact of the incoming shuttle and also to propel the shuttle out of the shuttle box, said box having front and rear sidewalls, one of the side walls having a recess therein, an eccentric member mounted for rotation in said recess, a flexible member secured to

said eccentric and extending along the inner surface of one of the side walls and having one of its ends extending across the path of the picker



whereby engagement of the picker by the shuttle will move the eccentric to exert pressure on the shuttle to stop the same.

2,105,579
AERIAL TOY
Robert M. Baylis, Dayton, Ohio
Application November 27, 1936, Serial No. 112,900
10 Claims. (Cl. 46—75)



1. In an aerial toy, a body, and a plurality of blades secured to said body and foldable relatively thereto, said body having an aperture with an approximately straight edge, said edge being adapted to engage a fold in said blades.

2,105,580
HANDLE
Michael Bochik, St. Paul, Minn.
Application June 7, 1935, Serial No. 25,425
5 Claims. (Cl. 5—345)

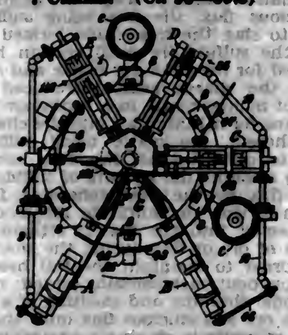


1. A flexible handle including, a flexible resilient reinforcing bar means, means for attaching said bar to the inside of a flexible wall, and a flexible handle cord means extending along the outside of the wall and having its ends passed through the walls and secured to the ends of said flexible bar, the resiliency of said bar holding said flexible handle means normally taut.

2,105,581
MANUFACTURE OF NITROMETHANE
Harry Bender, Antioch, Calif., assignor to Great Western Electro-Chemical Company, a corporation of California
No Drawing. Application October 23, 1935, Serial No. 46,270
12 Claims. (Cl. 260—144)

1. A process for the manufacture of nitromethane comprising reacting a methyl monohalide and a nitrite from the group consisting of alkali metal nitrite, alkaline earth metal nitrite and ammonium nitrite while maintaining a pH between 6 and 10.

2,105,582
MACHINE FOR THE MANUFACTURE OF CARTONS AND THE LIKE
William Joseph Butler, Bickley, England, assignor to Klecentainers (British & Overseas) Ltd., Bromley, England, a British company
Application December 1, 1936, Serial No. 113,717
In Great Britain June 24, 1936
7 Claims. (Cl. 93—39.3)



1. A machine for use in manufacturing cartons from sheet and/or strip material and which comprises a tubular member consisting of a double thickness of such material, including two separate mechanisms each adapted automatically to form tubular members from such material, means for automatically effecting the transfer of a tubular member formed by one of said mechanisms to a position at which it is adapted to be inserted into a tubular member formed by the other mechanism so as to produce a composite tubular member and means for imparting a partial relative rotation between the two tubular members during such transfer operation for the purpose of assuring that the seams or joins in the tubular members are displaced in relation to each other.

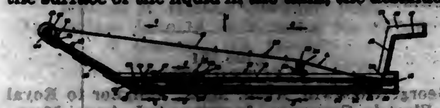
2,105,583
RAZOR BLADE AND STEEL THEREFOR
Elbridge J. Casselman, Pittsburgh, Pa., assignor to Magazine Repeating Razor Company, a corporation of New Jersey
No Drawing. Application January 13, 1937, Serial No. 120,404
1 Claim. (Cl. 30—350)

A razor blade of ribbon type, readily susceptible to rolling hardening and sharpening, and having the capacity of rapid recovery of sharpness, formed of chromium steel whose chromium content is as great as 6% and not as great as 8%, whose carbon content is not less than 1% nor greater than 2%, whose contents of manganese, silicon, sulphur, and phosphorus are such as are usual in non-alloyed steel, and whose composition is otherwise made up of iron.

2,105,584
SAND AND MUD SEPARATOR
Chris T. Christensen, Alhambra, Calif., assignee, by decree of court, to Mary Theresia Christensen
Application October 2, 1935, Serial No. 43,213
5 Claims. (Cl. 209—268)

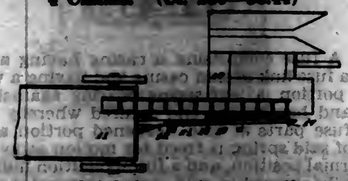
1. In a device as described, the combination of an elongated shallow tank, means to flow a liquid containing sand and mud into one end of the tank, a plurality of narrow skimming troughs spaced apart and the troughs extending longitudinally of the tank, a conduit connected to all

of the troughs, the troughs having sides adapted for the overflow of desanded mud from adjacent the surface of the liquid in the tank, the desanded



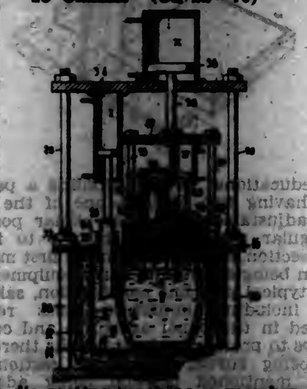
mud flowing from the troughs into the conduit, and means to discharge said settling on the bottom of the tank from the tank.

2,105,585
WAGON HITCH
Dugald Currie, Des Moines, Iowa
Application May 10, 1937, Serial No. 141,667
4 Claims. (Cl. 280—33.44)



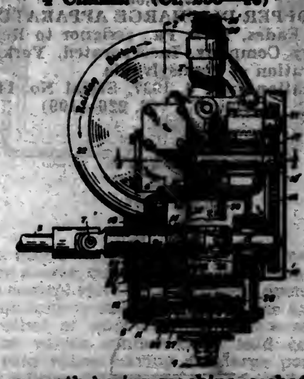
2. A wagon hitch for use in connecting a wagon having a tongue, to an implement to be advanced, comprising a wagon tongue supporting arm having a tongue supporting member at its forward portion, means for pivoting its rear end portion to an implement so that its forward end may move laterally from position substantially parallel with the side of an implement, to position extended laterally from the implement, a draft member, means for pivotally connecting its forward end portion to an implement, and means for connecting its rear end portion to a wagon tongue having its forward end resting in said tongue supporting member.

2,105,586
DIE CASTING APPARATUS
John R. Deeson, Oak Park, and Leland E. Wemple, Chicago, Ill.
Application July 12, 1935, Serial No. 30,430
15 Claims. (Cl. 22—70)



1. In a die casting machine, a member having a space therein for receiving molten metal, a duct through which molten metal may pass to said space, means for momentarily contacting a portion of said duct with a source of molten metal and for forcing a quantity of said metal under hydrostatic pressure into said space during the momentary period of contact, a mold, a passage between said space and said mold, and means movable in said space to close said duct and to force molten metal in said space through said passage and into said mold under pressure.

2,105,587
EARTH BORING MACHINE
Eugene Darnell and Henry L. Enoch, Kansas City, and Joel N. Grubb, Chillicothe, Mo., and Albert E. Freeman, South Orange, N. J., assignors to American Telephone and Telegraph Company, a corporation of New York
Application July 18, 1936, Serial No. 91,434
4 Claims. (Cl. 255—46)



1. In an earth boring machine, a shaft carrying an auger, said shaft having a spiral thread on its external surface, a worm wheel engaging said spiral thread, means to impart rotation to said shaft whereby said worm wheel acts as a nut engaging the external thread of said shaft to feed the shaft longitudinally as it is rotated, means whereby power may be applied to said worm wheel when the shaft is not rotated to move said shaft longitudinally by a rack and pinion action, and a hand-wheel for rotating said worm wheel to supplement the action of the driving power applied to the worm wheel.

2,105,588
FLOATING PARTITION
Clarke F. Davis, Short Hills, N. J., assignor, by mesne assignments, to American Cyanamid & Chemical Corporation, a corporation of Delaware
Application April 29, 1933, Serial No. 668,490
Renewed August 3, 1937
4 Claims. (Cl. 72—46)



1. In combination, a floating wall extending between two side walls, a ceiling and a floor,

said wall being removably held by retaining means rigidly connected to said floor, retaining means rigidly secured to the side walls and the ceiling, the retaining means slidingly engaging the floating wall, said floating wall consisting of individual building units, some of which are of less height than the height of the floating wall and interlocked together along their vertical edges by means of tongues and grooves, the horizontal joints between adjacent units being out of register.

2,105,589
HOPPER DISCHARGE APPARATUS
John A. Reder, York, Pa., assignor to Read Machinery Company, Incorporated, York, Pa., a corporation of Pennsylvania
Application June 8, 1937, Serial No. 147,126
7 Claims. (Cl. 226—109)



1. The combination with a hopper having a vertically slidable spout composed of a pair of spaced inner and outer walls defining material-discharge and dust-return passageways, of a discharge apparatus comprising a material-discharge conduit, a dust-collable conduit surrounding the material-discharge conduit and located in spaced relation thereto, said conduits being designed to communicate with the material-discharge and dust-return passageways of the hopper when the spout is in lowered position and means stationarily supporting said conduits in elevated position.

2,105,590
LOCK
Morris H. Histon, Fitchburg, Mass., assignor to Independent Lock Company, Fitchburg, Mass., a corporation of Massachusetts
Application March 19, 1936, Serial No. 69,656
2 Claims. (Cl. 70—57)



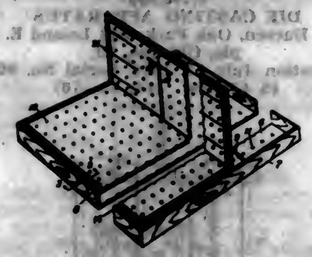
1. The combination of two bolts in axial alignment, and each having a transverse head at the inner end in axial alignment with the bolts, the bolts being movable to place the heads in position for enabling the bolts to be locked together, and a lock having means for locking said heads in contact with each other.

2,105,591
ELECTRIC FUSE
George Goodwin, Avon, Mass., assignor to Royal Electric Company, Incorporated, Avon, Mass., a corporation of Massachusetts
Application June 19, 1936, Serial No. 85,313
14 Claims. (Cl. 200—121)



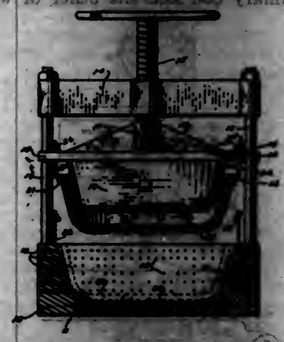
14. A fuse comprising a casing having a window, a fuse link in said casing and having a weakened portion, a leaf spring bearing against said link and having one end secured whereby when said fuse parts at said weakened portion a portion of said spring is freed for motion away from its normal position, and a fuse-condition indicator pivotally secured in said casing to present either of two faces to view through said window in position to be turned about its pivot by said spring motion and present the face indicating that the fuse has blown.

2,105,592
EDUCATIONAL DEVICE
Lloyd Albro Hathaway, Scotch Plains, and Harry H. Fay, Oakhurst, N. J., assignors to American Telephone and Telegraph Company, a corporation of New York
Application March 27, 1937, Serial No. 133,440
1 Claim. (Cl. 35—1)



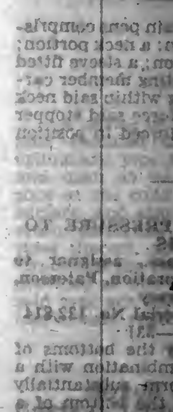
An educational device including a perforated panel having two sections, one of the sections being adjustable from a co-planar position to an angular position with respect to its associated section, said sections in the first mentioned position being adapted to carry equipment simulating typical pole line construction, said equipment including miniature poles removably mounted in the panel apertures and connected by wires to provide horizontal pulls thereon, said poles being guyed, the hinged section in the second mentioned position being adapted to carry equipment simulating the effect on poles when subjected to stresses under typical line conditions, said equipment including a pole mounted on the horizontally disposed section and having its top connected to tension means carried on the associated vertical section, said vertically disposed section having calibrations thereon to indicate the amount of bend of the pole.

2,105,593
APPARATUS FOR MOLDING PULP BODIES
William McMahon, Chatham, Illinois
Application June 15, 1936, Serial No. 85,209
3 Claims. (Cl. 92—37)



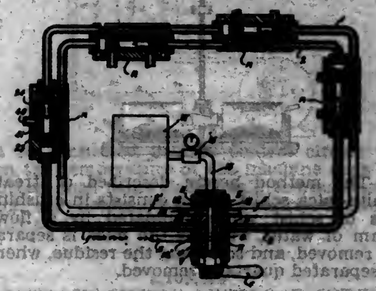
1. Apparatus for forming molded pulp articles comprising a water-pervious die, a complementary die adapted to coact with the female die to form the plastic material to desired structure conforming to the article to be formed set between the dies, means to move the dies into and out of cooperative relation, and means on the basket and movable die constructed to engage at initial open position of the dies whereby terminal relative movement of one die will move the basket and article from the other die.

2,105,594
CARD AND [illegible]
Frank R. Mauritz, Lemmon, S. Dak.
Application March 5, 1937, Serial No. 129,572
5 Claims. (Cl. 211—90)



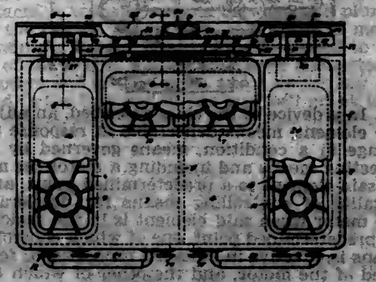
1. In a display frame, a backing, side walls extending from said backing, the side walls having their forward portions cut to provide a stepped formation and define a plurality of pockets [illegible] with the upper end of each pocket [illegible] beyond the lower end of the next higher pocket, supports for said pockets [illegible] from said backing, and front walls of transparent material disposed between the side walls and resting upon the bottoms for the pockets.

2,105,595
LUBRICATING SYSTEM
David R. Hills, Detroit, Mich., assignor to The Farval Corporation, Cleveland, Ohio, a corporation of Ohio
Application October 15, 1934, Serial No. 748,269
10 Claims. (Cl. 184—7)



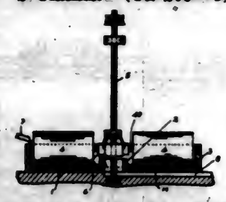
1. In a lubricating system, the combination of a pressure source, dual conduits connected to said source, a central valve for alternately opening one of said conduits to said pressure source and closing the other of said conduits, and a series of measuring valves connected to said conduits, each of said valves having discharge ports and receiving lubricant from one of said conduits and being adapted to discharge a measured quantity of lubricant through one of said ports and then to conduct lubricant flow to the other of said conduits.

2,105,596
GAS RANGE
John G. Hoff, Mansfield, Ohio, assignor to The Tappan Stove Company, Mansfield, Ohio, a corporation of Ohio
Application September 17, 1936, Serial No. 101,277
9 Claims. (Cl. 126—39)



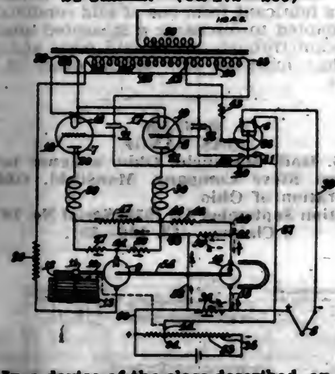
1. A range having a flat cooking top and one or more cooking compartments disposed therebelow, a plurality of top burners arranged within openings provided in said cooking top, a flue arranged at the back of said range and connected with said cooking compartment or compartments, a plurality of lids adapted to be moved from a position to cover said top burners to a position to render said burners accessible respectively, means disposed rearwardly of said flue for receiving one of said lids when in the open position, and means disposed forwardly of said flue for receiving another of said lids when in the open position.

2,105,597
TREATMENT OF CYANITE ORE
Phillip S. Hoyt, Clarkesville, Ga., assignor to Southern Mining and Milling Company, a corporation of Delaware
Application January 26, 1937, Serial No. 122,393
2 Claims. (Cl. 209—6)



1. The method herein described of treating cyanite-mica schist which consists in crushing a mass of schist while inundated by a flowing stream of water, whereby the mica is separated and removed, and screening the residue, whereby the separated quartz is removed.

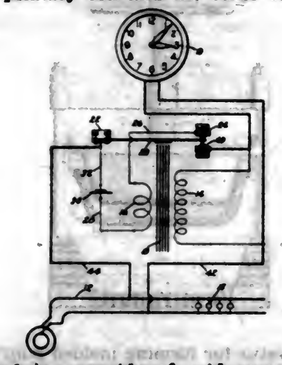
2,105,598
CONTROL SYSTEM
Karl H. Hubbard, Rochester, N. Y., assignor to Taylor Instrument Companies, Rochester, N. Y., a corporation of New York
Application January 4, 1933, Serial No. 650,101
24 Claims. (Cl. 172—239)



5. In a device of the class described, an adjustable element, means deflectable in response to a change in a condition, means governed by said deflecting means and including a motor for moving said element to a predetermined point, and a plurality of controlling means for decelerating said motor when said element is in the region of the predetermined point, one of which controlling means is effective in amounts proportional to the speed of the motor, and the other of which controlling means operates electrically and independently of the speed of said motor.

2,105,599
ELECTRIC CLOCK ATTACHMENT
Henry W. Hyde, Dedham, Mass.
Application March 19, 1936, Serial No. 69,685
2 Claims. (Cl. 58—26)

1. In an attachment adapted to be interposed between a source of alternating current and a synchronous motor electric clock, a soft iron core, primary and secondary coils on said core, a movable armature of conductive material adapted to be attracted by said core when the latter is magnetized by current flowing in one of said coils, fixed contact points associated with opposite sides of said armature, circuits to said fixed contact points one of which is connected to one side of said primary coil and the other of which is



connected to one side of said secondary coil, means for connecting said clock motor across said secondary coil, means for connecting said alternating current source to said armature and the other side of said secondary coil, and means for connecting a direct current source to said armature and the other side of said primary coil.

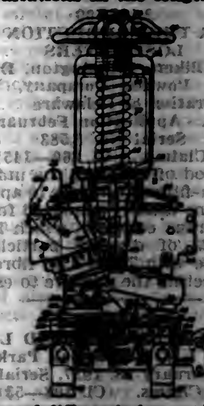
2,105,600
FOUNTAIN PEN
Glenn E. Johnsohl and Clifford M. Sublette, Denver, Colo.
Application September 5, 1936, Serial No. 99,715
8 Claims. (Cl. 120—42)

1. A cartridge for filling fountain pens comprising: tubular ink retaining portion; a neck portion; a stopper closing said neck portion; a sleeve fitted over said neck portion; a projecting member carried by said sleeve and extending within said neck portion a distance sufficient to force said stopper from place when said sleeve is forced in position on said neck portion.

2,105,601
MACHINE FOR APPLYING PRESSURE TO SHOE BOTTOMS
Frank Kennison, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application March 24, 1937, Serial No. 132,814
21 Claims. (Cl. 12—33)

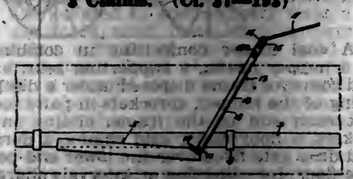
1. In a machine for pressing the bottoms of shoes mounted on lasts, the combination with a pressing pad shaped to conform substantially to the heightwise curvature of the bottom of a shoe for applying pressure to the forepart and shank portions of the shoe bottom, of a shoe support movable relatively to said pad from a shoe-receiving position to a position opposite said pad for the pressing operation, said shoe support comprising a shoe rest and a heel-end support including a last pin for engaging the heel end of the last in its spindle hole, a device for engaging the toe end of each shoe to determine its lengthwise position on said support, mechanism for moving said device lengthwise of the

shoe into different positions, and means for predetermining different positions of said mechanism to vary the position of said device in accordance with variations in the lengths of the fore-



parts of shoes of different sizes and thus to locate the junction of the forepart and shank portions of each shoe opposite the junction of the corresponding portions of the pad when the support is in shoe-pressing position.

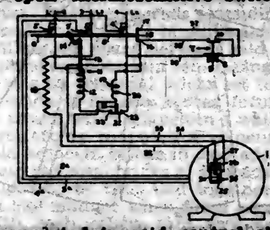
2,105,602
PIPE-LINE RECLAIMER
Kenneth C. Knapp, Galva, Kans., assignor of one-fourth to O. L. Sherrill, Clinton, Kans., and one-tenth to S. R. Knapp, McPherson, Kans.
Application March 31, 1937, Serial No. 134,146
3 Claims. (Cl. 37—193)



1. A device of the character and for the purpose specified comprising an elongated semi-cylindrical pipe engaging shoe solid at one end and open at its respective opposite end, said shoe at the solid end thereof having a beveled surface, and also provided at said end with laterally extending eyes projecting from opposite sides thereof, and a yoke member having legs straddling the last named end of said shoe and provided at one end with apertures with which said eyes are engaged for loosely connecting the legs of said yoke with said shoe.

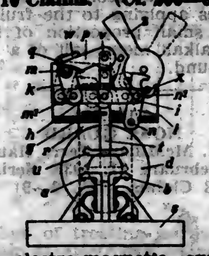
2,105,603
MOTOR PROTECTIVE DEVICE
George G. Landis, Cleveland, Ohio, assignor to The Lincoln Electric Company, Cleveland, Ohio, a corporation of Ohio
Application June 21, 1934, Serial No. 731,784
4 Claims. (Cl. 175—294)

1. The combination with a dynamo-electric machine and a switch for connecting the same with a power line, of a control circuit for said machine, said control circuit including a holding coil for maintaining said switch closed while the machine is running, a relay for energizing said holding coil, a protective unit assembly mounted in the machine, said protective unit assembly so connected that the control circuit through said relay is completed through said assembly, and a normally open thermosensitive switch in said



unit so connected in said control circuit that when the temperature of the machine rises to a predetermined point closing said thermosensitive switch, said holding coil will be short-circuited to permit said main switch to open.

2,105,604
ELECTROMAGNETIC OVERLOAD CIRCUIT BREAKER
Wilhelm Leyhausen, Nuremberg, Germany
Application December 1, 1933, Serial No. 700,579
In Germany October 18, 1933
10 Claims. (Cl. 200—89)

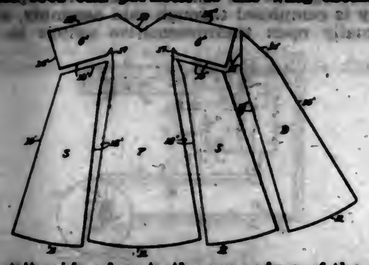


1. In an electro-magnetic overload circuit breaker, magnet coils, contacts between the end faces of the coils, a plunger in one of the magnet coils, a releasing mechanism for opening the contacts, a transfer means between the plunger and the release mechanism, said transfer means including a toggle, a pivoted arm linked to one end of the toggle, a bell crank lever connected to the other end of the toggle, and a switch bar fastened to the free end of the said bell crank lever and displaceable crosswise of the axis of the coils.

2,105,605
SLEEVELESS UNDERGARMENT
Harry Lichtenstein, New York, N. Y., assignor to Gerted Corporation, a corporation of New York
Application February 27, 1937, Serial No. 128,063
2 Claims. (Cl. 2—73)

1. A sleeveless garment comprising a vertical front member, a pair of wing members formed integrally with the upper portion of the front member and extending laterally, one from each side of the front member and around the sides of the garment to substantially the center of the back thereof, the material at the juncture of the lower edges of the wing members and the front member being notched, the edges of the notches being stitched together to cup the upper front portion of the garment, side members attached at their upper edges to the lower edges of the wing members and at their forward edges to the respective side edges of the front member,

and a hook member attached at its upper portion to the free end portions of the wing members



and at its side edges to the rear edges of the side members.

2,165,926
REMOVAL OF SPRAY RESIDUE
Harry C. McLean and Albert L. Weber, New Brunswick, N. J., assignors to Endowment Foundation, New Brunswick, N. J., a corporation of New Jersey
No Drawing. Application May 27, 1935, Serial No. 23,207
2 Claims. (Cl. 99—162)

1. A method of washing fruit and the like to remove spray materials from the surface thereof which includes applying to the fruit a solution containing a small proportion of hydrochloric acid and an alkali metal salt of a sulphonated phenol compound.

2,165,927
NOSE GUARD
Vernon R. McMillan, Terre Haute, Ind.
Application February 21, 1935, Serial No. 7,547
3 Claims. (Cl. 2—9)



1. In a protective device, the combination with a head helmet, of a nose guard comprising, a head helmet, a horizontally disposed arcuately extending lower bar, operatively secured to the helmet, a spaced upper curved guard bar and a plurality of curved guard rib members defining direct integral connection between said spaced horizontally disposed upper and lower guard bars, each having separate connections with the upper and lower bar, said bars and ribs each covered with a permanent coating of soft resilient material to protect players.

2,165,928
PORTABLE WORK SUPPORT
Matthew M. Merritt, Middleton, Mass., assignor to The Tanning Process Company, Boston, Mass., a corporation of Massachusetts
Application February 25, 1936, Serial No. 65,690
2 Claims. (Cl. 149—12)

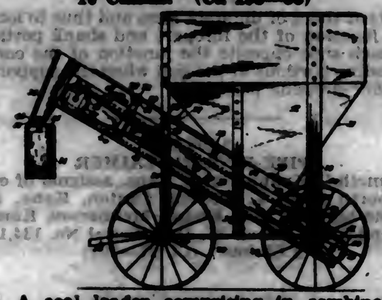


1. A drying board for use in putting-out and drying operations upon hides or skins comprising a foundation layer of plywood, and an oil-painted layer of a textile fabric cemented to the plywood.

2,165,929
METHOD FOR THE PRODUCTION OF CELLULOSE ESTERS
Mahlon G. Milliken, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 8, 1935, Serial No. 5,983
11 Claims. (Cl. 260—145)

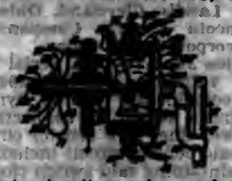
1. The method of effecting the uniform esterification of non-fibrous cellulose in apparatus and under conditions usually employed for the esterification of fibrous cellulose, which includes admixing 25–75% of discrete particles of non-fibrous cellulose with 75–25% of fibrous cellulose and then subjecting the mixture to esterification.

2,165,610
AUTOMATIC HAGGING AND LOADER
Walter L. O'Brien, Oak Park, Ill.
Application February 16, 1937, Serial No. 126,495
10 Claims. (Cl. 198—53)



1. A coal loader comprising in combination with a hopper having a supporting gear, an inclined conveyor frame disposed under a discharge opening of the hopper, sprockets in pairs mounted at each end of the frame, chains on said sprockets, a floor under said chains, a normally closed drop gate fixed over the lower end portion of the floor, for collecting at intervals charges of determined bulk from said hopper, flexible aprons connected across to the chains, scrapers and drags secured to the respective front and rear ends of said aprons for moving coal collected at intervals back of said gate, and inclined bars on said drags for lifting the drop gates as the chains draw the aprons thereunder for delivering coal upwardly.

2,165,611
AUTOMATIC SAFETY SWITCH
Oscar L. Olson, Cambridge, Minn., assignor of one-half to Bernard E. Aurelius and Eugene A. Aurelius, Braham, Minnesota
Application May 15, 1936, Serial No. 79,867
3 Claims. (Cl. 200—83)



1. An electric circuit opening and closing device for motor vehicles having an oil circulating

pump and an oil gage operated by air pressure generated by the said pump, said device comprising a cylindrical housing, a pair of U-shaped spring leaves of electro-conductive material, in the electric circuit of the motor, said leaves fixed in diametrically opposite walls of said cylinder and their free ends normally positioned in spaced parallel relation [illegible] central part of the [illegible] element in one end of the [illegible] spring leaf and [illegible] and adjusted [illegible] above the adjacent [illegible] other spring leaf and close electric circuit, means mounted on the opposite side of the housing in alinement with said first described leaf contact means, to engage and press said spring leaves together for closing circuit, said latter means yieldable but maintaining electric contact of the leaves when the expansible element is expanded by air pressure therein and also adapted to maintain electric contact when the expansible element is contracted.

2,165,612
SURFACE ABRASIVE AND POLISHING MACHINE
Vernon R. Porter, Cortland, N. Y.
Application July 18, 1931, Serial No. 91,329
2 Claims. (Cl. 51—71)



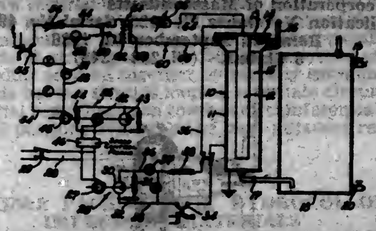
1. In a surface finishing apparatus, the combination of a primary zone and a finishing zone that are adapted to successively treat a common elongated work piece, said primary zone comprising a series of stationary head means each including a supply of abrasive tape that are collectively brought into operative tangential engagement about the work piece in angularly staggered relationship to embrace substantially the whole of the work piece profile, actuating means for advancing the respective tapes toward said work piece at a rate sufficient to bring about a penetrative grinding in stepwise stages and thereby impart a substantially smooth superficial finish to the work piece, and which polishing zone comprises a number of similarly disposed stationary head means in series of which the actuated abrasive tapes are collectively advanced to bring about a less intensive grinding rate to refine such initially finished surface and brighten the luster thereof, and means for longitudinally passing the work piece surface through the respective zones for successive treatment therein.

2,165,613
FABRICATED BRICK CONSTRUCTION
Emmett V. Porter, Springfield, Ill.
Application June 17, 1935, Serial No. 26,992
1 Claim. (Cl. 72—60)



A portable panel of brick wall construction comprising a panel made of brick units each laid in rows and arranged with adjacent rows in broken jointed formation; said bricks each provided with two or more transverse holes, which are aligned with holes of adjacent bricks in adjacent rows, reinforcing rods extending through said aligned holes and a binding agent, such as cement filling the space between said bricks and filling said holes about said reinforcing rods; said panel having its terminal bricks set to provide a fitting relation in broken jointed formation with adjacent panels when aligned in a wall therewith and a reinforcing rod with a cement filler between said adjacent bricks in said adjacent panels and said terminal bricks of said adjacent panels, arranged to be thus tied together and reinforced in like manner when fitted together at an angle with each other; said wall construction when set up defining a part of a building construction.

2,165,614
METHOD AND APPARATUS FOR ELECTRIC DEHYDRATION OF EMULSIONS
Claudius H. M. Roberts, Long Beach, Calif., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif., a corporation of California
Application November 16, 1932, Serial No. 643,160
20 Claims. (Cl. 204—306)



1. A method of treating an emulsion by the use of a pair of electrodes defining a treating space, which method includes the steps of: continuously superimposing on an alternating potential of primary wave form a single alternating potential of secondary wave form and of higher frequency than said alternating potential of primary wave form to form a rippled wave form composed of a lower-frequency wave on all portions of which is impressed a single higher-frequency wave; impressing the resultant potential between said electrodes; and subjecting the emulsion to be treated to the action of the electric field thus set up between said electrodes.

2,165,615
TUBE CLOSURE DEVICE
Arthur J. Reusch, Chippewa Falls, Wis.
Application July 23, 1936, Serial No. 92,022
6 Claims. (Cl. 221—39)



1. A closure device for pressure operated containers having a flexible wall of resilient material, a dispensing end comprising a square opening formed in the neck of said container, the top of

said neck being cut off obliquely, an increased material portion formed on one side adjacent the lower inner face and curving upwardly an appreciable distance centrally of the neck opening, a flat bearing surface formed on the top of this material at an angle of approximately 45°, a horizontal groove formed at the junction of the inner periphery of said neck and said increased material portion, vertical parallel grooves formed in the material on the adjoining sides of said first mentioned side and communicating with said first named groove, a spring door unit positioned in the opening in said container neck, including a spring door plate, apron portions extending downwardly on two sides thereof, a flange curved upwardly of one end of said door plate and at approximately right angles thereto, projections formed on one end of each apron portion and adjacent said upwardly extending flange, the opposite end of said door plate adapted to springingly engage the top edge of the higher side of the neck portion, said bearing surface adapted to support the spring door plate.

2,105,616

DOORKNOB

Harold D. Shaw, Fitchburg, Mass., assignor to Independent Lock Company, Fitchburg, Mass., a corporation of Massachusetts

Application November 11, 1935, Serial No. 49,129
Renewed September 10, 1936
6 Claims. (Cl. 292—348)



1. As an article of manufacture, a knob comprising a spindle, a knob proper and shank, said shank being adjustable along the spindle and the knob and shank having inter-engaging means for preventing relative rotation thereof, a locking disc located in the knob and having means for adjustment and preventing relative rotation of the knob and spindle, and means to clamp the locking disc to the knob and hold the shank in position with respect to the knob.

2,105,617

DOORKNOB

Harold D. Shaw, Fitchburg, Mass., assignor to Independent Lock Company, Fitchburg, Mass., a corporation of Massachusetts

Original application November 11, 1935, Serial No. 49,129. Divided and this application November 13, 1936, Serial No. 110,686
2 Claims. (Cl. 292—347)



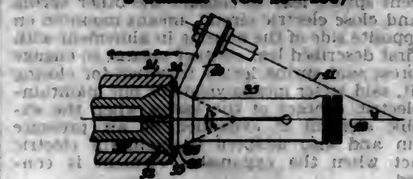
1. The combination with a door knob and means for adjustably securing it to a threaded spindle, said knob having an open end, of a cap located in said open end, a member in threaded connection with the cap and with the spindle to hold the cap against displacement, and yielding means for exerting an outward pressure on the cap.

2,105,618

METHOD OF MAKING COLLETS

Frederick G. Silva, Rochester, N. Y., assignor to Davenport Machine Tool Co., Incorporated, Rochester, N. Y., a corporation of New York

Application September 15, 1934, Serial No. 744,130
2 Claims. (Cl. 29—156)



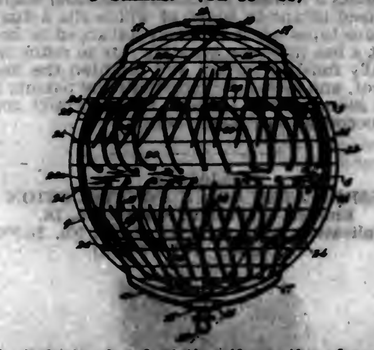
1. The method of producing a collet which comprises shaping a piece of stock to provide an elongated cylindrical portion having a conical portion adjacent one end, providing a central bore in the stock extending along its major axis, slitting the stock longitudinally through said conical portion and through a part of the adjacent cylindrical portion to provide gripping jaws, heat treating the collet to harden the same, compressing the jaws to temporarily reduce the cone angle thereof and bring the outer end portions of the edges of the jaws substantially in contact by gripping the free ends of said jaws beyond the conical portion, uniformly grinding the conical surface of the jaws while thus compressed and releasing the compression on the jaws to permit them to regain their normal cone angle whereby the conical surfaces of the jaws will have line contacts with the coacting tapered surface of the actuating member with which the collect is to cooperate while in use.

2,105,619

DEVICE FOR DEPICTING PREVAILING AIR CURRENTS OF THE EARTH

Bertha O. Smith, Minneapolis, Minn., assignor of one-half to Amice L. Godfrey, Minneapolis, Minn.

Application June 22, 1936, Serial No. 86,561
5 Claims. (Cl. 35—46)



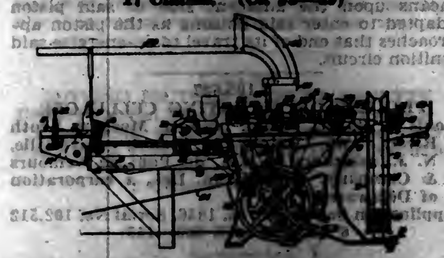
1. A device for depicting the paths of prevailing air currents about the earth comprising a geographical globe, a frame attached to said globe and including a pair of arcuate rods overlying the globe and extending generally north and south relative to the globe at spaced longitudes, a wind indicating structure mounted on said rods for limited upward and downward sliding movement thereon, said wind indicating structure including a central band overlying an equatorial section of the globe and upper and lower bands overlying the horse latitude sections of the globe and a multiplicity of wind direction indicating elements, certain of which are attached to said central band and said upper band and certain of which are attached to said central band and said lower band, said elements being of arched construction between said central band and said upper and lower bands and said elements having upwardly and downwardly projecting portions extending from said upper and lower bands.

2,105,620

BOX MAKING MACHINE

Claude M. Stitt, Antioch, Calif., assignor to Fibreboard Products, Inc., San Francisco, Calif., a corporation of Delaware

Application March 9, 1937, Serial No. 129,882
17 Claims. (Cl. 93—49)



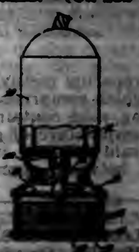
1. A machine for making a box having a reinforcing ring, said box being formed from a blank having a foldably connected portion for fastening the ring to the box, comprising means for folding the blank into a box, means for applying the reinforcing ring to the box, and means for folding said fastening portion about the ring.

2,105,621

MECHANICAL POWDER PUFF

Nicholas Testi, Boston, Mass., assignor to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware

Application September 24, 1936, Serial No. 102,358
8 Claims. (Cl. 132—76.5)



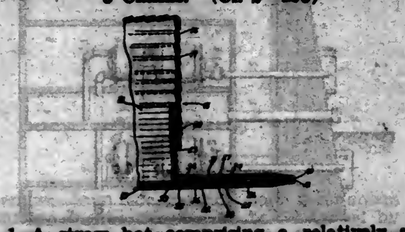
1. A device of the class described comprising a container for a supply of powder, a perforated cover therefor, a mechanically vibrated diaphragm associated with the container and serving to discharge powder from the supply therein, and power operated means contained within the device for vibrating said diaphragm.

2,105,622

HAT

Nathan W. Tibbals, New Canaan, Conn., assignor to Hat Corporation of America, Norwalk, Conn., a corporation of Delaware

Application March 14, 1936, Serial No. 68,801
5 Claims. (Cl. 2—193)



1. A straw hat comprising a relatively stiff crown portion; a relatively stiff brim portion spaced downwardly and outwardly from said relatively stiff crown portion; and an intermediate flexible collar having upwardly and outwardly extending portions interposed between and respectively connected to said relatively stiff crown and brim portions, said upwardly extending portion being composed of a plurality of superposed annular layers of substantially parallel strands of straw secured together, and said outwardly extending portion being composed of a plurality of circumferential rows of substantially parallel strands of straw lying one within the other and so flexibly secured together by radially extending threads having strands looping alternate circumferential rows that each row has circumferentially spaced portions overlying the next adjacent row.

2,105,623

FLEXIBLE PACKAGE FOR HYDROCOLLOID IMPRESSION MATERIALS

Walter J. van Reesema, West Los Angeles, Calif., assignor to Surgident, Ltd., Los Angeles, Calif., a corporation of California

Application July 26, 1937, Serial No. 155,721
3 Claims. (Cl. 206—46)



1. A moisture-impervious package comprising a body of moisture-containing hydrocolloid material adapted to become plastic upon heating, an enclosing envelope of moisture-impervious material surrounding said body, and a thread-like member secured to said package and extending therefrom to facilitate handling of such package.

2,105,624

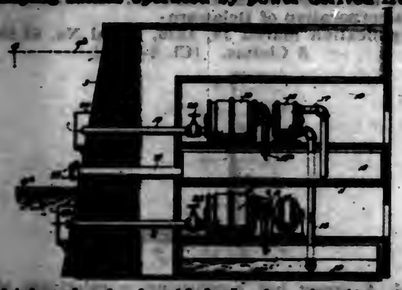
WATER POWER

Max Orlove, Washington, D. C.

Application October 30, 1936, Serial No. 108,257
Renewed December 6, 1937
7 Claims. (Cl. 60—55)

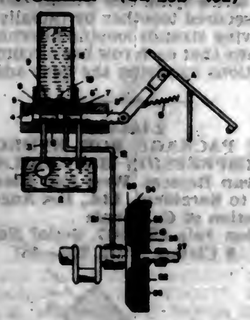
1. In apparatus for generating power, the combination of a water-propelled unit disposed at a low level of a body of water and adapted for constant operation by water-pressure from

said level, a power generator driven by said water-propelled unit, a receiver below the unit for the water discharged therefrom, water-pumping means operated by power derived from



a higher level of said body for elevating the water from the reservoir, and means for storing the water from the pumping means and discharging it by gravity.

2,105,625
HYDRAULICALLY ACTUATED FRICTION CLUTCH
Rudolf Wichtendahl, Hanover, Germany
Application August 21, 1936, Serial No. 97,143
In Germany August 31, 1935
7 Claims. (Cl. 192—91)



1. Means for controlling the operation of an hydraulically actuated friction clutch intended more particularly for power driven vehicles, comprising an air vessel, a reservoir for the hydraulic fluid, the hydraulically actuated friction clutch, a pump adapted to supply the hydraulic fluid to the air vessel, and a control valve for the admission of the hydraulic fluid to the air vessel and for its admission to the pressure chamber of the said clutch, the parts being connected together for operation of the clutch in the manner substantially as hereinbefore described.

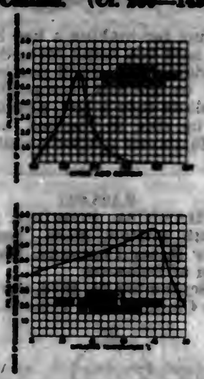
2,105,626
FLAME CONTROL FOR FLUID FUEL BURNERS
Walter W. Williams, Bloomington, Ill.
Application March 4, 1936, Serial No. 67,620
4 Claims. (Cl. 158—28)

1. In an electrically operated and controlled fluid fuel burning mechanism having an electrical ignition circuit and including a fuel and air pump having an air intake, a cylindrical casing closed at the lower end and secured over said intake air inlets provided in the wall of said casing, a piston mounted to reciprocate between said air inlets and said pump air intake, means in the casing increasing the rate of air flow to said pump air intake as the piston moves in the direction of the said pump air intake, a housing secured over the open end of the casing, a switch in the igni-



tion circuit mounted within said housing, and means upon the adjacent side of said piston adapted to enter said housing as the piston approaches that end of its travel to de-energize said ignition circuit.

2,105,627
PROCESS OF NITRATING CELLULOSE
Louis H. Baker, Parlin, Ivan H. Morgan, South River, and Ralph J. Gould, Sayreville, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application September 25, 1936, Serial No. 102,512
6 Claims. (Cl. 260—145)



1. Process of preparing methyl alcohol soluble cellulose nitrate which comprises nitrating cellulose with nitrating acid containing about 30% nitric acid at a temperature of about 45° C. for twenty minutes, said cellulose nitrate having a nitrogen content between approximately 11.85 and 12.0%.

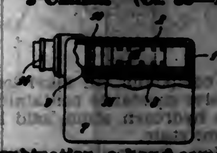
2,105,628
FILM LOADING CASETTE
Helmut Becker, Wetzlar, Germany, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany
Application November 5, 1935, Serial No. 48,373
In Germany December 12, 1934
1 Claim. (Cl. 88—17)

A film loading casette comprising a casing containing the film and having openings for withdrawing and inserting the leading end of the

film, curved projections on said casing adjacent the said openings, said film being formed into a loop outside the casette between the said openings for automatic engagement with the film driving means of a camera which is to be loaded with the film, portions of the film being drawn around said projections in forming the loop, holders on the casette adjacent the said curved portions for automatically engaging the film to hold it in its loop formation, and against the said projections and means secured to the holders operable by contact with the camera for automatically releasing the film when the casette is placed in operative position within the camera.



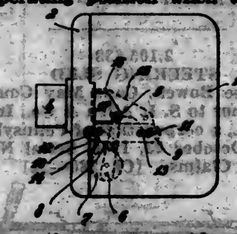
2,105,629
MOVING PICTURE CAMERA CASETTE
Helmut Becker, Wetzlar, Germany, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany
Application February 27, 1936, Serial No. 65,947
In Germany March 18, 1935
2 Claims. (Cl. 88—17)



1. In combination, a hand camera and a separate film containing casette therefor, said hand camera including a body having a cover and an objective carrying portion arising above the cover along the front edge thereof, means for detachably securing the film casette to the camera for using the film therewith, said means comprising a casing containing the film casette and having an open side for removably placing the casette therein, a film window in the casette facing said open side, cooperating mechanism on the camera and the casing for placing the latter upon the camera with the film window in the casette in operative optical alignment with the camera objective, the top of the camera forming a support for the casing, the sides of the casing and the camera forming a compact boxlike unit adapted to be held by the operator while taking pictures and a cover for closing the open side of the casing when the latter is removed from the camera.

2,105,630
PHOTOGRAPHIC FILM CAMERA
Helmut Becker, Wetzlar, Germany, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany
Application March 12, 1936, Serial No. 68,506
In Germany March 23, 1935
5 Claims. (Cl. 88—16.4)

1. A photographic camera including a film casette removably attached to the camera and containing photographic film, a film operating member within the camera projecting into the casette in operative position to engage and operate the film when the casette is attached to the camera, mechanism within the camera for automatically moving the film engaging member out of film operating position when the casette is



remove from the camera, said mechanism including means adopted to be contacted by the casette when it is attached to the camera for automatically moving the film engaging member back into film operating position.

2,105,631
MOTION PICTURE CAMERA
Helmut Becker, Wetzlar, Germany
Application May 11, 1936, Serial No. 79,844
In Germany May 11, 1935
4 Claims. (Cl. 88—16)



1. In a motion picture camera including a shutter and a picture frequency regulating governor, means for adjusting the shutter to accord with any selected time exposure, means for regulating the governor to accord with a selected frequency of pictures to be taken irrespective of the selected time exposure, coaxially supported shafts for actuating the said adjusting and regulating means and a coupling member for operating the said shafts simultaneously at said selected time exposure after having been adjusted as aforesaid, said coupling member being operable to afford individual operations of the said shafts.

2,105,632
HOSE NOZZLE
Vincent Bernasser, Shandaken, N. Y.
Application February 6, 1936, Serial No. 62,563
1 Claim. (Cl. 240—2)



A hose nozzle of the character described comprising a cylindrical conduit of sheet metal formed with an elbow at a predetermined distance from its outlet end, originally having a longitudinally extending slot formed in the upper wall of the conduit which extends beyond the end of the

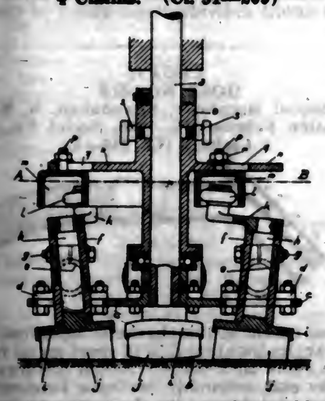
elbow; a flash-light comprising a separate casing which is sealed in and closes said slot and is joined to the conduit in fluid tight relation and extends beyond said elbow and the body portion of which rests in said conduit.

2,105,633
STEERING SLED
James Monroe Bowen, Cape May Court House, N. J., assignor to S. L. Allen & Co., Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application October 23, 1936, Serial No. 107,124
6 Claims. (Cl. 280—22)



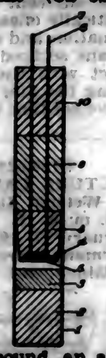
1. A steering sled having laterally bendable runners, a deck disposed above the runners, runner brackets mounted on the runners, front and rear cross benches supporting the deck from the brackets and pivoted adjacent their ends to the brackets, the front cross bench being slidable laterally of the deck, means secured to the deck between the front and rear benches affording fixed pivots adjacent opposite sides of the sled, side links movable about said pivots extending forwardly from said means having pivotal connections with the ends of the front bench and the front ends of the runners, and means including a handle bar for laterally shifting the front ends of the links and runners to thereby laterally shift the front bench in a corresponding direction a distance proportional to but less than that said front ends are shifted to thereby bend the runners to steer the sled.

2,105,634
MACHINE FOR FACING THE SURFACES OF HARD SUBSTANCES BY PRESSURE
Georges Fernand Brendel, Paris, France, assignor to Societe Anonyme: Societe Marbriere de Paris, Paris, France
Application March 22, 1937, Serial No. 132,260
In France April 10, 1936
4 Claims. (Cl. 51—209)



1. Machine for facing the surfaces of hard substances by pressure which comprises a central rotary shaft, satellite shafts inclined relatively to the central shaft and arranged about said shaft, said satellite shafts carrying grinders at their lower end, means controlled by the central shaft for giving the satellite shafts a movement of revolution about said central shaft, arms terminated by rollers and fixed to the upper ends of the satellite shafts and a fixed eccentric rolling track in which said rollers are adapted to slide to give the satellite shafts a reciprocating movement.

2,105,635
IGNITION COMPOSITION
Lawton A. Burrows, Wenonah, and William F. Filbert, Woodbury, N. J., and Ebenezer Emmet Reid, Baltimore, Md., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application October 30, 1935, Serial No. 47,387
14 Claims. (Cl. 52—4)



8. As a new compound, an alkyl lead salt of an acidic explosive substance containing at least one replaceable hydrogen atom, said lead being in the tetravalent state.

14. An ignition composition comprising an alkyl lead salt which burns with explosive rapidity, said alkyl lead salt being a salt of an acidic explosive compound, and said lead being in the tetravalent state.

2,105,636
MEASURING LINE CATCHER
James G. Creed, Houston, Tex., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla.
Application March 13, 1937, Serial No. 130,699
4 Claims. (Cl. 24—263)



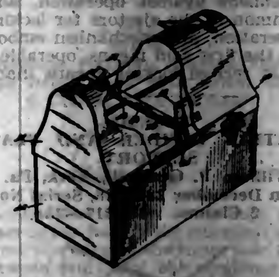
1. The combination with an oil well or the like and a measuring line of a device for catching the line in the event it breaks, said device comprising line gripping means, control means for normally holding said line gripping means adjacent to and spaced radially from the line and means including a member having a restricted opening therein through which the line may be passed for actuating said control means upon breakage of the line to cause the gripping means to engage the line beneath the point of breakage.

2,105,637
APPARATUS FOR ABRADING STRAND MATERIAL
Charles T. Davis, Beverly Hills, Calif.
Application June 20, 1935, Serial No. 29,151
7 Claims. (Cl. 51—113)



3. In a machine for abrading strand material, a plurality of pairs of opposed laterally reciprocating strand engaging members, said pairs being located in spaced relation to provide a rectilinear strand path, extending between the said pairs, opposed pairs of rotary buffing and abrading discs located between the pairs of engaging members, and means for advancing a strand between the said pairs of members and discs successively.

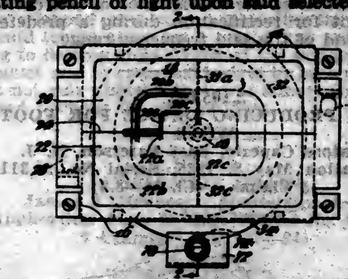
2,105,638
LUNCH KIT
Charles Daum, Forest Hills, Long Island, N. Y.
Application June 27, 1935, Serial No. 28,634
2 Claims. (Cl. 206—4)



1. A lunch box comprising a body and a cover hinged to the same, a plurality of ears formed at the lower portion of the respective sides of said cover; a support extending across the space between the sides of the cover and pivotally mounted on one of said ears for displacement about a horizontal axis, and said other ear being resilient and mounted at one of its ends to the side wall, said ear having an aperture intermediate of its ends, into which the free end of said support may pass, such free end of said support, upon movement, being adapted to contact with and displace said last named ear sufficiently to permit said free end of said support to enter into said aperture, thereby to interlock with the support and ear.

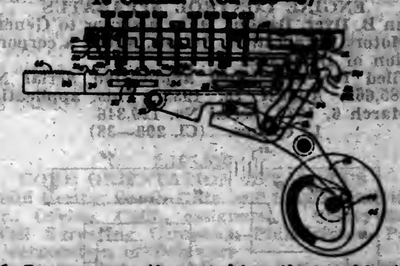
2,105,639
INDICATOR
Lewis H. Davis, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application November 30, 1936, Serial No. 113,469
6 Claims. (Cl. 116—124.1)

1. In multi-range radio apparatus having means for changing the frequency range of said apparatus, a surface having a plurality of discrete scales thereon, each of said scales representing one frequency range of said apparatus, means responsive to the operation of said range change means for illuminating a selected one of said scales and for producing a frequency-indicating pencil of light upon said selected one of



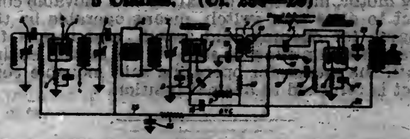
said scales, and means for moving said pencil of light about the said selected scale.

2,105,640
CASH REGISTER
Allen A. Dicke, Montclair, N. J., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Application March 26, 1927, Serial No. 178,576
16 Claims. (Cl. 235—9)



1. In an accounting machine, the combination of a plurality of stop members, a pair of longitudinally movable members adapted to cooperate with the stop members, said members having a constant aggregate movement on each operation of the machine, a plate fulcrumed on one of said pair of members, a cam slot and stud connection between the plate and the other of the pair of members, and an operating device for said plate.

2,105,641
AUTOMATIC VOLUME CONTROL CIRCUIT
Frederick H. Drake, Beemton, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 3, 1935, Serial No. 19,574
5 Claims. (Cl. 250—20)



3. A method of receiving signals of a predetermined frequency range which includes the steps of amplifying the signals at radio frequency, detecting the amplified signals, amplifying the audio component of detected signals, rectifying the carrier component of the detected signals, varying the signal amplification with direct current voltage derived from the rectified carrier component in a sense inverse to variations in the

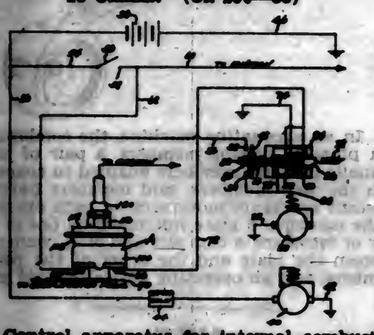
received signal carrier amplitude, and automatically suppressing the transmission of said carrier component for rectification during a predetermined band of the said frequency range.

2,105,642
SOUND PRODUCING DEVICE FOR FOOTWEAR
Salvatore Capezio, East Paterson, N. J.
Application May 8, 1935, Serial No. 20,211
15 Claims. (Cl. 36—8.3)



1. A jingle tap comprising a metallic tap hollowed on its upper surface to form a chamber, a washer within said chamber so dimensioned as to be movable therein, and a pin passing through said washer.

2,105,643
ENGINE CONTROL APPARATUS
John B. Dyer, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Refiled for abandoned application Serial No. 695,602, August 18, 1933. This application March 6, 1937, Serial No. 129,246
13 Claims. (Cl. 290—38)



1. Control apparatus for internal combustion engines comprising, in combination, a starting motor, a current source adapted to supply current to said starting motor, a switch comprising fixed and movable contacts for effecting connection between the current source and said starting motor, means for operating said movable contact to close said switch, means operable by the engine for opening said switch, and means for preventing opening of said switch by the engine until the means for operating said movable contact is returned to normal position.

2,105,644
VENDING MACHINE
Albert E. Gebert, Wilmette, and Floyd C. Black, Chicago, Ill., assignors to Advance Machine Co., Chicago, Ill., a corporation of Illinois
Application October 30, 1936, Serial No. 107,436
20 Claims. (Cl. 194—6)

1. In a vending machine, a plurality of article supply holders, ejecting mechanisms individual to the supplies, means for locking said ejecting mechanisms against operation, a normally inactive master control, means whereby said master control may be rendered active to render said locking means inactive to permit said ejecting mechanisms to be selectively rendered active to eject an article from its respective said supply,



means responsive to the operation of the ejecting mechanisms for locking the remaining ejecting mechanisms against operation, additional means common to the ejectors for locking them against operation, and mechanism embodying a portion of the first said means, operable to render the last recited locking means inactive.

2,105,645
COMBINATION DIVIDER AND PLATFORM SUPPORT
William P. Gemmill, York, Pa.
Application December 28, 1936, Serial No. 117,944
3 Claims. (Cl. 217—22)



1. A three-ply element convertible into a set of angularly related partitions for producing substantially rectangular cells in a box, comprising three separate predetermined lengths of strip-like material arranged in juxtaposition, constituting two outer end zones and an intermediate zone, said intermediate zone having three plies secured to each other, the plies of the outer end zones being free from each other, and means associated with the intermediate zone to constitute bending lines at the extremities of said zone for the outer plies of the outer end zones, the intermediate three-ply zone and the middle ply of each outer end zone constituting walls intervening between adjacent substantially rectangular cells.

2,105,646
DISPENSER FOR MAYONNAISE AND LIKE MATERIALS
Julius Goldfarb, Los Angeles, Max Goldfarb, Altadena, and Harry W. Hahn, Glendale, Calif.
Application January 10, 1936, Serial No. 58,566
4 Claims. (Cl. 221—67)

1. A dispenser for wet materials comprising a substantially cylindrical stand which is open at its upper end and provided in the front with an opening terminating short of said upper end, an inverted receptacle [illegible] being extended into said stand through said upper end, a dispensing unit supported by said receptacle



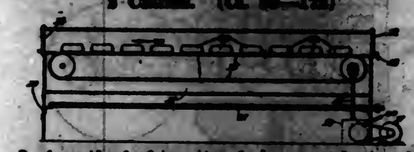
and having one end extended through said front opening, projecting portions on the other end of said unit and guide means carried by said stand above the plane of the lower side of said unit and cooperating with said projecting portions to maintain the unit in operative position.

2,105,647
SHOE
Theodore Gutowski, Dayton, Ohio
Application December 3, 1936, Serial No. 114,927
6 Claims. (Cl. 36—30)



1. In a shoe having an outer sole, an inner sole and an upper having its marginal edges extending over the edge of the inner sole and positioned between said soles, the combination comprising a cushion member inserted between said soles and consisting of a layer of sponge rubber superimposed upon a layer of fabric, the rubber being smaller in extent than the fabric, a seam of fasteners securing the fabric to the rubber, the layer of rubber being so proportioned and positioned as to lie wholly within the edges of the upper, and means for securing the fabric beyond the rubber to at least one of said soles.

2,105,648
METHOD OF SURFACING WRAPPED BAKERY PRODUCTS
Louis W. Hess, Chicago, Ill., assignor to The W. E. Long Company, a corporation of Illinois
Application October 2, 1934, Serial No. 746,686
9 Claims. (Cl. 99—178)



2. A method of treating bakery products which comprises wrapping the product in a wrapper pervious to heat rays and having a sealing composition on the overlapping edges which will at a predetermined temperature become tacky but not decompose, vaporize or run, which temperature is destructive of mold spores on the surface of the product, holding the edges of the wrapper in overlapped relation and subjecting the product to said temperature for a period just sufficiently long to destroy mold spores on the surface of the product and to cause said edges to become tacky but not run whereby they will adhere to form a closed package for said product.

2,105,649
LUBRICATOR DRAIN
James J. Hennessy, Montclair, N. J.
Application June 10, 1936, Serial No. 84,402
7 Claims. (Cl. 137—34)



1. Means for draining a reservoir comprising an element having a bore leading downwardly from the reservoir, a plunger slidable in said bore and substantially closing the same, there being a drainage passage leading downwardly from a point spaced laterally from said plunger to an outlet into said bore which is normally closed by the side of said plunger, said plunger being movable above said outlet to uncover said outlet and permit drainage of fluid in said reservoir through said passage to below said plunger.

2,105,650
CORE ORIENTATION APPARATUS
Donald Haring, South Gate, and Clay H. Bowlin, Jr., Covina, Calif., assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa., a corporation of Delaware
Application July 14, 1937, Serial No. 153,526
11 Claims. (Cl. 175—183)



1. The method of determining magnetic anisotropy of a core taken from a bore hole comprising rotating the core in proximity to a pick-up coil to produce a varying flux therein, and providing indications of the phase relationship of the voltage induced in the coil to the angular position of the core.

2,105,651
VEHICLE SPRING
Cyrus J. Holland, Chicago, Ill., assignor to Holland Company, a corporation of Illinois
Application October 24, 1934, Serial No. 749,891
6 Claims. (Cl. 267—4)

1. A cap for a vehicle spring comprising a cylindrical cup-shaped metallic member having

thickened bands extending about the wall thereof and having a thickened annular portion on the bottom wall of said member for engaging the



outer turn of a volute spring, said bottom wall being provided with a depressed portion having an axial opening therethrough.

2,105,652
STEEL FOR PERMANENT MAGNETS
Kotaro Honda, Sendai, Japan
No Drawing. Application November 13, 1933, Serial No. 697,874. In Japan May 1, 1933
3 Claims. (Cl. 75—123)

2. A permanent magnet formed of an alloy comprising as essential ingredients 3 to 50% nickel, 1 to 50% titanium and at least 20% of iron, characterized by a coercive force in the neighborhood of 250 gausses or more.

2,105,653
STEEL FOR PERMANENT MAGNETS
Kotaro Honda, Sendai, Japan
No Drawing. Original application November 13, 1933, Serial No. 697,874. Divided and this application July 18, 1934, Serial No. 735,898. In Japan May 1, 1933
4 Claims. (Cl. 75—123)

2. A permanent magnet formed of an alloy containing 3 to 50% of nickel, 3.1 to 50% of titanium, cobalt to the extent of not over 60% and at least 20% iron and a small amount of impurities, characterized by a coercive force in the neighborhood of 250 gausses or more.

2,105,654
NICKEL, TITANIUM, COBALT, IRON, AND COPPER PERMANENT MAGNET
Kotaro Honda, Sendai, Japan
No Drawing. Original applications November 13, 1933, Serial No. 697,874, and July 18, 1934, Serial No. 735,898. Divided and this application June 6, 1935, Serial No. 25,242. In Japan May 1, 1933
6 Claims. (Cl. 75—125)

3. A permanent magnet formed of an alloy containing 10.1% to 40% nickel, 3.1% to 40% titanium, 0.01% to 50% cobalt, 0.1% to 20% copper and at least 20% iron and a small amount of impurities, characterized by a coercive force in the neighborhood of 250 gausses or more.

2,105,655
ALLOY OF NICKEL, TITANIUM, COBALT, IRON, AND ALUMINUM FOR PERMANENT MAGNETS
Kotaro Honda, Sendai, Japan
No Drawing. Original applications November 13, 1933, Serial No. 697,874 and July 18, 1934, Serial No. 735,898. Divided and this application June 6, 1935, Serial No. 25,244. In Japan May 1, 1933
3 Claims. (Cl. 75—124)

1. An alloy containing about 10.1% to 40% nickel, 3.1% to 40% titanium, .01% to 50% cobalt, .1% to 20% aluminum, and at least 20% iron and a small amount of impurities, characterized by a coercive force of about 250 gausses or more.

2,105,656
NICKEL, TITANIUM, COBALT, IRON, AND MANGANESE PERMANENT MAGNET
Kotaro Honda, Sendai, Japan
No Drawing. Original applications November 13, 1933, Serial No. 697,874, and July 18, 1934, Serial No. 735,898. Divided and this application June 6, 1935, Serial No. 25,245. In Japan May 1, 1933
6 Claims. (Cl. 75—123)

3. A permanent magnet formed of an alloy containing 10.1% to 40% nickel, 3.1% to 40% titanium, 0.01% to 50% cobalt, .1% to 20% manganese and at least 20% iron and a small amount of impurities, characterized by a coercive force in the neighborhood of 250 gausses or more.

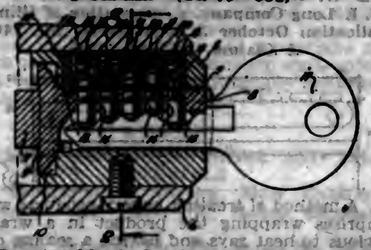
2,105,657
ALLOY FOR PERMANENT MAGNETS
Kotaro Honda, Sendai, Japan
No Drawing. Application November 19, 1935, Serial No. 50,617. In Japan May 1, 1933
6 Claims. (Cl. 75—123)

1. A permanent magnet formed of an alloy consisting of 3 to 19.9% nickel, 3 to 10% titanium, 5 to 60% cobalt, molybdenum in an amount less than 6%, and the remainder iron formed by casting the alloy to a desired shape and then annealing it at a temperature of from 500° C. to 900° C, to increase the coercive force thereof to the neighborhood of 250 gausses or more.

2,105,658
PERMANENT MAGNET
Kotaro Honda, Sendai, Japan
No Drawing. Application November 19, 1935, Serial No. 50,618. In Japan May 1, 1933
3 Claims. (Cl. 75—123)

1. A permanent magnet made of an alloy containing 20 to 40% of nickel, 3 to 10% of titanium, 0.5 to 60% of cobalt vanadium in an amount less than 6% and at least 20% iron and a small amount of impurities, characterized by a coercive force in the neighborhood of 250 gausses or more.

2,105,659
LOCK
Edward N. Jacobi, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a corporation of Delaware
Application November 6, 1936, Serial No. 109,417
3 Claims. (Cl. 70—364)



1. In a tumbler lock, a bored casing, a rotatable cylinder mounted in the bore, said casing and cylinder having radial bores adapted to be aligned,

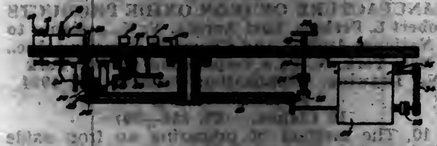
pin type tumblers and drivers respectively in said radial bores, and the radial bores in the casing being substantially oval with their major dimension lengthwise of the lock so as to assure free entrance of the tumbler drivers into said radial bores in the casing regardless of normal endwise shifting of the cylinder in the casing, while retaining a close fit between the tumbler drivers and said radial bores in the casing to guard against any possible rotation of the cylinder except when the junctures of the tumblers and their drivers are in line with the line of parting between the cylinder and casing bore.

2,105,660
MERCHANDISE TICKET PRINTER
Arthur C. Kirshner, Dayton, Ohio, assignor to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Application February 1, 1936, Serial No. 61,921
6 Claims. (Cl. 101—69)



1. In a machine of the class described, the combination of an insertable ticket; a plurality of printing mechanisms; a common operating means therefor; and a plurality of members normally preventing operation of said means, said members adapted to be moved by the insertion of said ticket into the machine in relation to any one of said printing mechanisms to release said operating means for operation.

2,105,661
MULTIPLEX FILM PHONOGRAPH
Fritz Kloepfel, Berlin, Germany, assignor to Klangfilm G. m. b. H., Berlin, Germany, a corporation of Germany
Application November 2, 1936, Serial No. 781,232
In Germany November 2, 1935
1 Claim. (Cl. 179—100.3)



A mixing arrangement for sound film apparatus, comprising a plurality of film spools, a plurality of sound reproducers, a plurality of film feed members for feeding film past said reproducers, and a horizontal supporting member, the said film spools and film feed members being mounted with their axes perpendicular to the said supporting member, the said spools and said film feed members being mounted in the same plane whereby the edges of the films travel parallel to said supporting member, and a single large wheel mounted below said bed for driving said film spools and directly driving the said feed members.

2,105,662
AIR CHAMBER DIESEL ENGINE
Franz Lang, Munich, Germany, assignor, by mesne assignments, to Lanova Corporation, New York, N. Y., a corporation of Delaware
Application December 9, 1935, Serial No. 53,541
In Germany December 12, 1934
3 Claims. (Cl. 123—32)



1. In an injection engine of the character described, a cylinder and a piston operating therein, a combustion chamber inwardly offset with respect to the cylinder and opening downward thereinto, said chamber comprising in plan two lobes and a constriction therebetween defining an element of substantially V-shape in plan projecting and tapering inward of said chamber at one side of said constriction, an air storage chamber opening into said constriction at the other side thereof through a restricted orifice aligned with the vertex of said element, and an injection nozzle at said one side of said constriction disposed to inject fuel across said combustion chamber toward said orifice, said nozzle being disposed in proximity to one side of said inwardly projecting element with its tip adjacent the base of said element, the latter acting to split the hot blast fluid stream ejected from said air storage chamber through said orifice toward said element and to deflect the portions of the split stream laterally into said lobes and away from said nozzle, thereby shielding the latter from the hot blast ejected through said orifice.

2,105,663
BLADE HAFT
Ernest L. Laverty, Toledo, Ohio
Application October 2, 1935, Serial No. 43,396
2 Claims. (Cl. 30—162)



2. A blade haft having portions formed to substantially define a chamber, the chamber having an opening, a blade supporting element slidably movable in the chamber and outwardly through the opening, a slot formed in the chamber wall, one edge of the slot located in substantially the same plane as a portion of the slidably movable blade holder, whereby angular move-

ment of the blade holder element with respect to the haft is prevented by abutting of the slot edge and extending portion of the blade holder element when the holder element is extending through the opening and is located in a position of use.

2,105,664
CATALYTIC HYDROGENATION OF HYDROAROMATIC CARBOXYLIC ACIDS AND THEIR ESTERS

Wilbur A. Lazier, Marshallton, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application November 21, 1934, Serial No. 754,124. In Great Britain April 17, 1930

14 Claims. (Cl. 260—153)

1. The process for the production of homocyclic hydroaromatic alcohols which comprises catalytically hydrogenating the carbonyl group in the acyl radical of a compound selected from the class consisting of homocyclic hydroaromatic carboxylic acids and their esters, at a pressure of at least 10 atmospheres and at a temperature in excess of 200° C.

2,105,665
CHROMIUM SULPHOMOLYBDATE CATALYST

Wilbur Arthur Lazier, New Castle County, Del., and John Victor Vaughen, Lakewood, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application September 20, 1935, Serial No. 41,274

6 Claims. (Cl. 23—226)

1. The process for the production of a hydrogenation catalyst, which comprises mixing an aqueous solution of ammonium molybdate with an aqueous solution of chromium nitrate and thereby precipitating chromium molybdate, passing hydrogen sulphide through the resulting mixture until the precipitate turns from apple-green to dark brown, adding acid to the mixture until the mother liquor becomes colorless, filtering and washing and drying the precipitate.

2,105,666
SYNCHRONOUS MOTOR

Edgar D. Lilja, Rockford, Ill., assignor to Howard D. Colman, Rockford, Ill.

Continuation of application Serial No. 651,515, January 12, 1933. This application April 6, 1935, Serial No. 15,042

26 Claims. (Cl. 172—278)



7. A synchronous alternating current motor combining a stator having at least two pole pieces defining a rotor recess and which are polarized oppositely when the stator is energized, shading means enclosing a side portion of one of said pole pieces, shading means including a short-circuited winding enclosing a side portion of said other pole piece and having a resistance substantially greater than said first mentioned means for producing an unsymmetrical distribution of shaded and unshaded fluxes about the rotor recess, and a rotor in said recess exposed to the faces of said poles and having synchronous and also induction motor characteristics.

2,105,667
TYPESETTING DEVICE

Jay Will Lyons, New York, N. Y.

Application January 15, 1937, Serial No. 120,659

7 Claims. (Cl. 276—37)



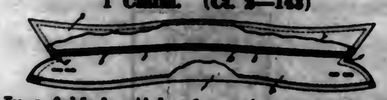
1. A type setting device of the character described comprising an elongated tubular barrel member, a suitably arranged longitudinal slot traversing the full length of said tubular barrel member, and a suitably arranged moving shield member for widening and narrowing said longitudinal slot, substantially as described.

2,105,668
COLLAR

Joseph Lyons, St. Louis, Mo., assignor to New Era Shirt Company, St. Louis, Mo., a corporation of Missouri

Application February 19, 1937, Serial No. 126,657

1 Claim. (Cl. 2—143)



In a folded article of wearing apparel consisting of a cape portion and a band portion and having an outer ply and an inner ply of material and an interlining between said plies, the improvement comprising a narrow strip of thermoplastic fabric extending along one of said portions the full length of the article adjacent and defining the fold line and uniting and stiffening the outer ply and the interlining along said strip, the other portion and the remaining part of the portion to which it is applied being free from such attaching and stiffening material.

2,105,669
PLASTIC WORKING

John Parsons, Bainbridge, N. Y., assignor to American Plastics Corporation, a corporation of New York

No Drawing. Application June 22, 1935, Serial No. 27,267

9 Claims. (Cl. 18—47.5)

1. The method of making articles out of casein, comprising preparing an extruded rod of uncured casein, cooling said rod to room temperature, seasoning said rod by refrigeration at a temperature substantially below room temperature under non-drying conditions, cutting said seasoned and uncured rod into articles of the desired shape, and curing the articles thus formed.

2,105,670
MANUFACTURE OF IRON OXIDE PRODUCTS

Robert L. Perkins, East Aurora, N. Y., assignor to National Aniline and Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application January 30, 1934, Serial No. 707,545

10 Claims. (Cl. 134—59)

10. The method of preparing an iron oxide pigment from a black iron oxide residue, which comprises mixing the iron oxide residue with a member of the group consisting of sulfuric acid and ammonium sulfate and calcining the resultant product in admixture with a chloride of the general formula ACl_x, wherein A represents NH_4, Fe, Ca, Ba, or Sr, and x represents the valence of A.

2,105,671
MICROSCOPE

Siegfried Reusch, Wetzlar, Germany, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany

Application March 10, 1933, Serial No. 660,439

In Germany March 23, 1932

5 Claims. (Cl. 88—40)



2. A device for providing complementary color illumination for the purpose set forth comprising a condenser, an anisotropic crystal plate, a light analyzing plate above the same consisting of a central portion and an outer ring portion, and a light polarizing plate below the crystal plate, the direction of polarization in the polarizing plate being parallel to the direction of polarization of one of the said portions of the analyzer plate and at right angles to the direction of polarization of the other portion of the analyzer plate and a mounting connected to the condenser for containing and supporting the said three plates in mutually optical operative relation to each other and to the condenser.

2,105,672
RUST PREVENTING COMPOSITION AND METHOD OF RUST PREVENTION

Robert Edward Hunter, Collingdale, Pa.

No Drawing. Application June 25, 1937, Serial No. 151,332. In Canada June 25, 1937

2 Claims. (Cl. 148—6.5)

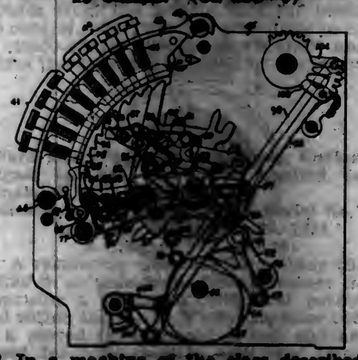
1. A rust preventing composition for forming non-ionizing iron salts upon application to iron or steel articles, comprising about 27 grams of ammonium sulfocyanate, about 75 cubic centimeters of methanol, approximately 200 cubic centimeters of gasoline and about 125 cubic centimeters of butyl alcohol.

2,105,673
CASH REGISTER

Bernis M. Shipley, Dayton, Ohio, assignor to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland

Application July 20, 1935, Serial No. 32,046

13 Claims. (Cl. 235—9)



13. In a machine of the class described, the combination of a single bank of keys; a plurality of latches always located in a single plane and cooperable with certain of the keys in said bank of keys; and a driving element having means thereon to drive said latches different distances as controlled by the keys.

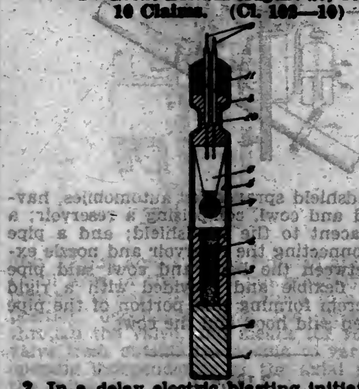
2,105,674
DELAY ACTION DETONATOR AND FUSE AND DELAY COMPOSITION FOR USE THEREIN

Charles Edwin Sesson, Ardrossan, Scotland, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain

Application August 27, 1936, Serial No. 98,255

In Great Britain August 29, 1935

10 Claims. (Cl. 102—10)



2. In a delay electric blasting initiator a substantially gasless delay ignition composition comprising zinc, antimony, and potassium permanganate.

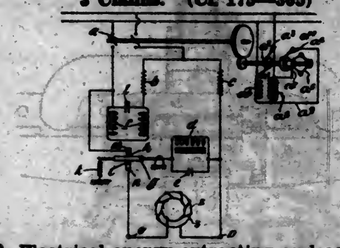
2,105,675
MEANS FOR DELIVERING AN INTERMITTENT ELECTRICAL CURRENT

Donald Orr Sprosie, Ilford, England, assignor of one-half to Henry Hughes & Son, Limited, London, England

Application March 29, 1935, Serial No. 13,652

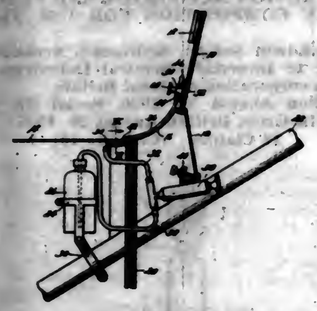
In Great Britain April 6, 1934

3 Claims. (Cl. 175—365)



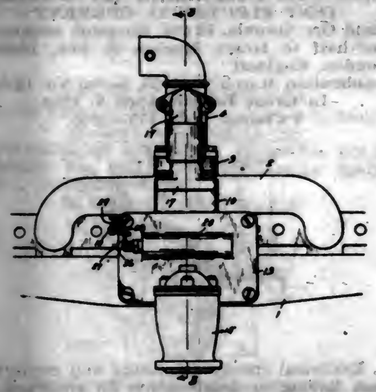
3. Electrical energy extracting and converting means having in combination an electrical inductance shunted by an electrical condenser to form an oscillatory electrical circuit, a direct current supply, a mechanically actuated switch for connecting said circuit intermittently to said supply, two output terminals, a conductor connecting one side of said circuit to one of said output terminals, a stationary contact connected to the other output terminal, a movable contact connected to the other side of said circuit, and actuating means for said movable contact to connect the same to said stationary contact at the first voltage peak of the condenser voltage oscillation.

2,105,676
WINDSHIELD SPRAYER
Clarence E. Stow, Kansas City, Mo., assignor to Westco Products, Inc., a corporation of Missouri
Application August 24, 1936, Serial No. 97,566
6 Claims. (Cl. 26—40.5)



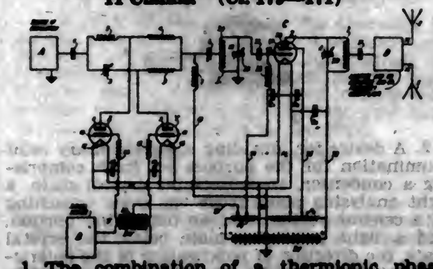
1. A windshield sprayer for automobiles, having a hood and cowl, comprising a reservoir; a nozzle adjacent to the windshield; and a pipe line interconnecting the reservoir and nozzle extending between the hood and cowl said pipe line being flexible and provided with a rigid section therein forming that portion of the pipe line between said hood and the cowl.

2,105,677
VAPORIZING APPARATUS FOR INTERNAL COMBUSTION ENGINES
Ray J. Stumbo, Salem, Oreg., assignor of one-third to Robin Reed, Salem, Oreg.
Application June 3, 1935, Serial No. 24,597
7 Claims. (Cl. 123—133)



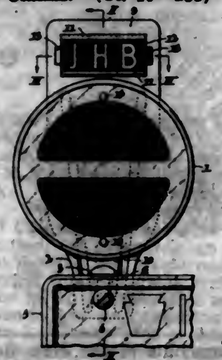
1. In a device for transforming oil into an explosive vapor or gas for operating gas engines, the combination with an exhaust pipe or manifold of a gas engine having an opening therein, of a member seated over said opening and forming a section of the wall of said manifold, said member having internal circuitous passageways therein for the flow of oil to be vaporized, a shielding member adjustable to shielding positions and non-shielding positions between the first member and the interior of the manifold, and thermostat means controlling the position of the shielding member.

2,105,678
MODULATION
George L. Usselman, Port Jefferson, Long Island, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application September 30, 1932, Serial No. 635,508
Renewed March 4, 1936
11 Claims. (Cl. 179—171)



1. The combination of a thermionic phase modulator tube having an input electrode, a source of high frequency oscillations, a circuit tuned to the frequency of the oscillations of said high frequency source connected to said input electrode, and a phase splitting circuit, means for applying oscillations to said phase splitting circuit from said source of high frequency oscillations and from said phase splitting circuit to said tuned circuit connected with the input electrode of said thermionic modulator tube, said means and tuned circuit comprising means for matching the impedance between said phase splitting circuit and said tube, said phase splitting circuit having two branches of different electrical characteristics, of a push-pull amplitude modulator comprising a pair of thermionic devices each having an input electrode and an output electrode, a circuit connecting the input electrodes of said devices to a source of modulating potentials, and circuits connecting the output electrodes of said devices to the branches of said phase splitting circuit, and a frequency multiplier coupled to the output electrodes of said modulator.

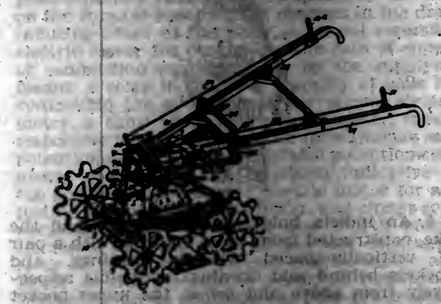
2,105,679
EMBLEM OR SIGN
Fred Weindel, Jr., Allentown, Pa., assignor to L. F. Grammes & Sons, Inc., Allentown, Pa., a corporation of Maryland
Application May 27, 1936, Serial No. 81,976
2 Claims. (Cl. 40—125)



1. The combination with a sign or emblem of the type described of a unitary backing support

having projections therebeyond in opposed directions, one of the projections embodying an embossment and an attachment slot, the other projection having parallel slideways for the reception of movable display elements, and relatively-intervening spring risers at the ends of said slideways for engagement by the outer confronting edges of the movable display elements.

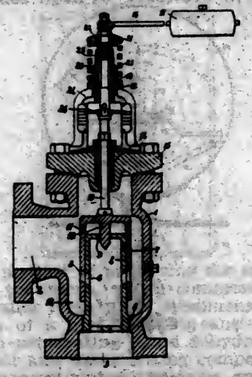
2,105,680
TRACTOR
Samuel Weiss, Portland, Oreg., assignor to Vaughan Motor Co., Inc., Portland, Oreg., a corporation of Oregon
Application October 15, 1936, Serial No. 45,165
12 Claims. (Cl. 180—17)



4. In a motor driven tractor provided with handle bars, the combination of a power shaft, a pair of parallel clutch shafts, each connected to one of the driving wheels of the tractor, gears on the power shaft, loose gears carried by the clutch shafts and driven by said gears on said power shaft, clutch mechanisms for engaging said loose gears selectively with the clutch shafts and thus operatively connecting the clutch shafts to the power shaft, each of said clutch mechanisms comprising axially slidable disks carried by said loose gears, cooperating clutch disks longitudinally slidable on said clutch shafts and interposed between the first mentioned disks, a member longitudinally slidable on the clutch shaft adapted, by imposing pressure, to cause the engagement of said cooperating disks with the disks carried by said loose gears, a 2-arm V-shaped rockable operating lever pivoted on the clutch shaft, and a control collar slidable over said lever for operating the same, and means operable from the handle bars for positioning said control collar, whereby selectively to connect the clutch shafts with the power shaft and thus control the direction of travel of the tractor.

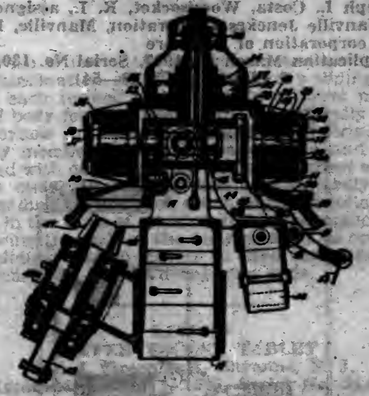
2,105,681
VALVE
Clifford Harry Armstrong, London, England, assignor to Cepex Regulators Limited, London, England
Application September 10, 1935, Serial No. 39,978
In France September 28, 1934
5 Claims. (Cl. 50—39)

1. A regulating valve for controlling the flow of fluid in accordance with the pressure thereof, comprising a casing, a cylindrical ported seat fixed within the casing, a valve member comprising a ported sleeve closed at one end and arranged for both rotative and axial movement upon said seat to vary the port opening, said seat having an opening at one end and said sleeve having a guide pin entering and closely fitting said opening, means for opposing axial movement of the valve member means affording constant access for fluid from the inlet side of the valve to opposed areas of the closed end of the sleeve to provide a substantial degree of axial balance, fluid from the other side of the valve



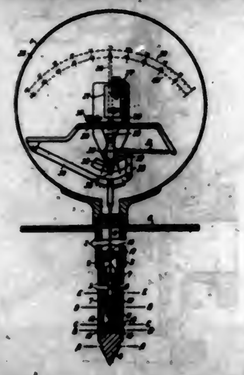
only having access to the exposed and relatively small area of the guide pin whereby the valve member is normally maintained in a regulating position dependent upon the pressure drop through the valve, and means for rotating the valve from outside the casing to vary the port opening independently of the axial position of the valve.

2,105,682
AIRCRAFT HAVING ROTATIVE SUSTAINING WINGS
James Allan Jamieson Bennett, Geniata, Newton Mearns, and Frederick Leighton Hedgess, Clarkston, Scotland, assignors to Autogiro Company of America, Willow Grove, Pa., a corporation of Delaware
Application September 13, 1935, Serial No. 40,266
In Great Britain September 17, 1934
23 Claims. (Cl. 244—18)



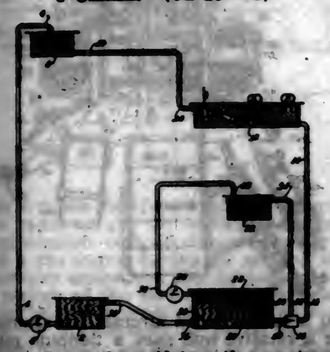
2. In a multi-bladed aircraft sustaining rotor having a rotative hub part, a flapping pivot assembly for a plurality of blades, the assembly including a pivot device rotatively mounted on the hub part, and the blades being rotatively mounted on said device.

2,105,693
APPARATUS FOR DETERMINING THE MOISTURE CONTENT OF SUBSTANCES
Charles Lawrence Burdick, London, England
Application May 12, 1936, Serial No. 79,954
In Great Britain May 25, 1935
4 Claims. (Cl. 73—51)



1. An apparatus for determining the moisture content of substances having interstices, comprising a tubular member having a pointed end adapted to penetrate said substances to said interstices, a hygroscopic element within said tubular member, apertures in said tubular member, indicating means carried at the end of said tubular member remote from said pointed end and operatively interconnected with said hygroscopic element, a partition extending across the interior of said tubular member between said hygroscopic element and said indicating means and means for connecting the portion of the interior of said tubular member between said partition and said pointed end to a suction pump.

2,105,694
TREATMENT OF ACID SETTING BATHS USED IN THE MANUFACTURE OF CELLULOSE PRODUCTS FROM VISCOSE
Joseph L. Costa, Woonsocket, R. I., assignor to Manville Jenckes Corporation, Manville, R. I., a corporation of Delaware
Application March 12, 1937, Serial No. 130,796
9 Claims. (Cl. 18—54)



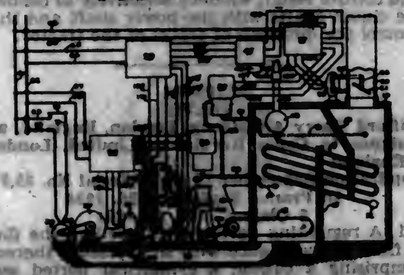
1. A process of purifying the contaminated acid setting solution resulting from the decomposition of viscose to form cellulose products such as thread, ribbon, sheets or tubing, which comprises mixing with the setting solution an oily liquid substantially not soluble in the setting solution for which sulphur and other colloidal decomposition products produced in the decomposition of viscose have a preferential affinity, and thereafter separating the oily liquid from the setting solution.

2,105,695
INDICIA HOLDER FOR TELEPHONES
George D. Cox, Philadelphia, Pa., assignor to Williams and Morris Company, Philadelphia, Pa., a corporation of Pennsylvania
Application November 20, 1936, Serial No. 111,768
20 Claims. (Cl. 40—10)



4. An indicia holder for telephones and the like, constructed from sheet material with a pair of vertically-spaced window openings, and pockets behind said openings accessible respectively from above and below, the upper pocket having pairs of horizontal ledges at opposite sides thereof and at different vertical levels defining subdivisions of different widths whereof the narrowest is at the bottom of said upper pocket and the widest at the top, for receiving cards of like widths one behind another with the bottom edges of the cards stopped by the respective pairs of ledges and with indicia bearing portions of such cards exposed at corresponding different levels at the upper window opening, and the lower pocket being proportioned to receive a single card for exposure of an indicia bearing portion of the latter at the lower window.

2,105,696
COMBUSTION CONTROL SYSTEM
Lewis L. Cunningham, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application July 15, 1935, Serial No. 31,462
1 Claim. (Cl. 236—15)



In a combustion control system for a furnace having means for feeding fuel to the fuel bed of the furnace, means for supplying combustion supporting air and a stack for inducing draft through the furnace, the combination of, means responsive to the load on the furnace for controlling the rate of fuel supply to the fuel bed of the furnace, a damper associated with the stack for controlling the draft through the furnace, a reversible electric motor for positioning said damper, a relay including a plurality of coils for controlling the operation of the electric motor, a first adjustable potentiometer, means responsive to variations in the load on the furnace for adjusting said potentiometer, a second adjustable potentiometer, means responsive to variations in the draft through the furnace for adjusting the second potentiometer, circuit connections between the potentiometers and the coils of the relay to position the damper in accordance with the load on the furnace and the draft through the furnace for maintaining the draft through the furnace at predetermined values as determined by the load on the furnace regardless of changes in the draft inducing effect of the stack, a second reversible electric motor for controlling the rate of supply of combustion supporting air by the supplying means, a relay including a plurality of coils for controlling the operation of the second electric motor, a third adjustable potentiometer, means responsive to over-fire pressure for adjusting said potentiometer, a fourth adjustable potentiometer, means responsive to a condition indicative of the position of the second electric motor for adjusting the fourth potentiometer, and circuit connections between the third and fourth potentiometers and the coils of the last mentioned relay to position the second electric motor and hence control the rate of supply of combustion supporting air to maintain the over-fire pressure substantially constant regardless of changes in the load on the furnace, changes in the condition of the fuel bed or changes in the draft through the furnace.

2,105,697
LATHE ATTACHMENT
Guy O. Knudsen, Austin, Minn.
Substitute for abandoned application Serial No. 636,804, July 17, 1932. This application February 6, 1937, Serial No. 124,538
3 Claims. (Cl. 82—34)



1. In a lathe provided with a bed, guide means on the bed, a head stock at one end of said bed and a tool carriage movable along said guide means; a work supporting attachment for supporting work at right angles to said guide means and laterally of said bed in a position for engagement by a tool supported by said carriage, said attachment comprising a base, means carried by said base engageable with said guide means to support said base above said guide means and in adjusted position relative to said head, clamping means engaging the base and the bed from below the bed for holding said supporting means against movement on said guide means, a shaft rotatably carried by said base and having an end portion thereof projecting laterally of said bed and having means at said projecting end to which the work may be secured, a gear on said shaft, a second gear meshing with said first gear, and an arbor secured to said second gear and engageable with said head for rotation thereby.

2,105,698
METHOD OF PRESERVING THE NATURAL COLOR IN PLANT SPECIMENS
George B. Fessenden, Mount Vernon, N. Y.
Application April 17, 1936, Serial No. 74,884
2 Claims. (Cl. 35—30)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. The method of preserving the natural color in plant specimens, which comprises the steps of immersing fresh plant specimens in a bath, consisting of a non-bleaching anti-oxidant, an inert, non-penetrating liquid dehydrating agent, and a color and tissue setting compound, thence drying the impregnated specimens, and mounting.

2,105,699
COUPLING DEVICE FOR FLEXIBLE MEMBERS
Carney Freddino, Bridgeport, Conn., assignor to The Bridgeport Chain & Manufacturing Company, Bridgeport, Conn., a corporation of Connecticut
Application December 21, 1936, Serial No. 116,560
4 Claims. (Cl. 24—116)



1. An article of the character described having in combination, a body member and a sliding collar, each formed of a flat strip of sheet metal, said body member being provided centrally with a keyhole slot open at one side of the strip, said body member being a U-shaped strip and provided with cord-engaging elements formed at the free ends of said strip and bent inwardly and extending toward each other, and said collar being in the form of a hollow four-sided prism embracing the ends of the body member to operate in sliding relation thereto to effect clamping engagement of said cord-engaging ends.

2,105,800
EFFERVESCENT TABLET
Carl J. Greenblatt, Bayonne, N. J.
Application June 1, 1935, Serial No. 24,484
4 Claims. (Cl. 99—78)

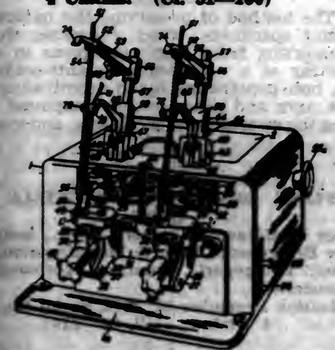
1. An effervescent tablet comprising a disc, having flat top and bottom faces parallel to each other, each of said faces having projections extending therefrom, said disc having an opening extending through its axial center and having

other openings extending therethrough, said tablet adapted to be dropped into a fluid and thereby



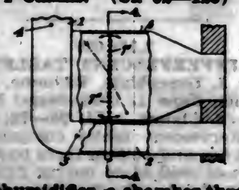
automatically positioned to effervesce and dissolve, the openings in the tablet functioning as passages for the fluid to flow therethrough.

2,105,691
LENS GRINDING AND POLISHING MACHINE
Lowell L. Hesebin, Columbus, Ohio
Application April 13, 1936, Serial No. 74,665
4 Claims. (Cl. 51—160)



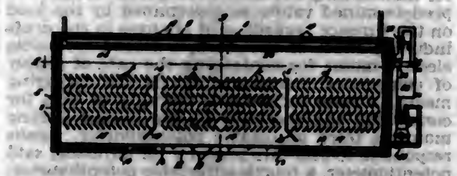
1. A lens grinding and polishing machine comprising a lap holder and a lens holder, a frame for carrying one of said holders, said frame being rockable both longitudinally and transversely of the machine so as to produce a longitudinal and transverse movement of the lens holder and lap holder relative to each other, means for rocking the frame longitudinally of the machine, means for rocking the frame transversely of the machine, and means for bodily moving the frame in one of said directions to vary the movement of the lap and lens relative to each other, said last-named means comprising an eccentric upon which the frame is supported and about which the frame rocks in the direction which it is moved by said eccentric.

2,105,692
AIR CONDITIONING APPARATUS
Clarence C. Hemicke, Palisade, N. J., assignor to Auditorium Conditioning Corporation, a corporation of New Jersey
Application May 17, 1935, Serial No. 21,971
4 Claims. (Cl. 62—129)



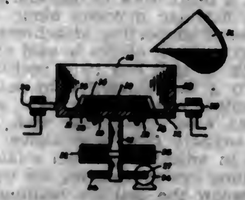
4. In a dehumidifier, a chamber through which air is passed, a plurality of heat exchangers arranged in alinement across said chamber and being adapted together to span the cross-sectional area of said chamber, a pair of pipes for circulating cooling medium through each heat exchanger, said pipes being journalled in the walls of said chamber and supporting said heat exchangers for rotation to vary the cooling effect of the heat exchanger on the air passing through said chamber.

2,105,693
WHISKY AGING APPARATUS
Lester L. Jones and Frank Mertellare, Denver, Colo.
Application April 18, 1934, Serial No. 721,217
13 Claims. (Cl. 99—277.1)



1. Whisky aging apparatus comprising a tank having closely spaced charred oak members arranged therein to baffle vertical flow of whisky in the tank, heating means at the bottom of the tank for producing upward movement of the whisky in a heated condition through and in reactive contact with said charred oak members, cooling means at the top of the tank producing condensation of vapors emanating from the upwardly moved whisky, and exterior pump means having its intake at the top of the tank for drawing off vapors and condensate therein, said pump having its discharge connected to the lower part of the tank for returning the condensate to the lower part of the body of the whisky and for assisting in the circulation of the whisky in the tank, said pump means including a positively cooled condenser whereby the said vapors are positively liquefied before return to the main body of the whisky.

2,105,694
METHOD OF MAKING MATRICES
Alfred W. Klemp, Detroit, Mich., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
Application June 1, 1936, Serial No. 82,871
5 Claims. (Cl. 22—216)



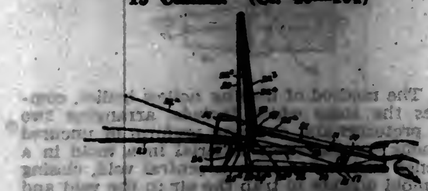
1. The method of casting a matrix in which an abrasive gear may be molded, which comprises heating a metal master gear to a temperature of approximately 250 degrees Fahrenheit, pouring a molten alloy consisting principally of zinc into a mold and over the master gear while slowly rotating the mold at a speed sufficient to work the molten alloy around the teeth of the master.

2,105,695
SELF-CLOSING CAP FOR CONTAINERS
Gaston L. Latour, San Francisco, Calif.
Application August 3, 1936, Serial No. 93,947
3 Claims. (Cl. 221—60)



1. In a device of the type described, a neck for a container having a bore therein with two shoulders disposed at the end of the bore and on opposite sides thereof, a spring closure for closing the bore, and a hollow washer mounted on the under surface of the closure, said neck having side walls extending from the shoulders and constituting guides for the sides of the closure, the container contents when forced against the closure for opening it also bearing against the inner wall of the hollow washer for causing the washer to seal the spaces between the closure and the side walls.

2,105,696
LEAFED ARTICLE
George S. Lewis, Cleveland, Ohio
Application September 9, 1936, Serial No. 99,937
15 Claims. (Cl. 46—104)



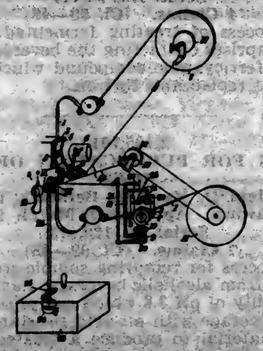
1. Apparatus of the type described comprising a base, a swinging leaf having a free edge and an opposite heel edge, a swinging anchoring member hingedly connecting the base with the leaf at a point on the latter between said edges and adjacent to the heel edge, and means connected with the heel edge of said leaf for swinging the latter.

2,105,697
ADHESIVE AND COATING COMPOSITION
Alexander D. Macdonald, Malden, Mass., assignor to B. B. Chemical Co., Boston, Mass., a corporation of Massachusetts
No Drawing. Application September 5, 1934, Serial No. 742,873
7 Claims. (Cl. 134—36)

1. A composition comprising polymerized haloprene dissolved in a cyclic ether of the glycols.

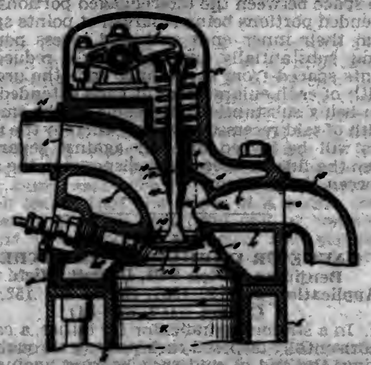
2,105,698
APPARATUS FOR PROJECTING PICTURE OR SOUND FILMS
Hans Friedrich Nitsche, Dessau, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application May 14, 1936, Serial No. 79,757
In Germany May 18, 1935
3 Claims. (Cl. 88—16.2)

1. An apparatus for projecting picture and sound films comprising in combination, a winding-off drum, means for braking said winding-off drum, means for altering the pressure of said braking means on said winding-off drum, a winding-on drum, means for driving said winding-on drum, means for altering the draft of said winding-on drum, a picture window and a gate, means for pressing said picture window against said gate, and means for altering the pressure of said picture window against said gate, an objective for focusing the picture, means



for adjusting said objective to sharp focusing, a sound drum for scanning a sound record, pressure rollers for pressing a sound film against said sound drum, means for altering the pressure of said pressure rollers, an optical sound-projection system, means for sharp adjustment of said system, and means for controlling simultaneously all the altering and adjusting means to adapt the devices controlled by the latter to the particular kind of film fed through the apparatus.

2,105,699
MONOVALVE CYLINDER HEAD CONSTRUCTION
Walter M. Pate, New Orleans, La., assignor of one-half to Thomas F. Boyle, New Orleans, La.
Application January 11, 1937, Serial No. 120,962
2 Claims. (Cl. 123—79)



1. In a mono-valve cylinder head construction, a combustion chamber having a valved port, an exhaust passageway extending coaxially from the port and delivering the exhaust to an outlet adjacent that part of the cylinder head remote from the cylinder, and an air supply passageway opening into the exhaust passageway adjacent the

port, said air supply passageway being constructed and disposed to deliver air directly into the port.

2,105,700
PROCESS FOR PURIFICATION OF BEVERAGES
William D. Ramage, Berkeley, Calif.
No Drawing. Application July 13, 1936, Serial No. 90,441
4 Claims. (Cl. 99—48)

1. A process of treating fermented beverages which comprises contacting the beverage with an insoluble ferricyanide compound which contains an element replaceable by iron.

2,105,701
PROCESS FOR PURIFICATION OF BEVERAGES
William D. Ramage, Berkeley, Calif.
No Drawing. Application March 6, 1937, Serial No. 129,473
7 Claims. (Cl. 99—48)

2. A process for removing soluble iron by base exchange from alcoholic beverages having a minimum acidity of pH 3.8 which comprises contacting the beverage with an acid resistant base exchange material to produce a treated beverage containing less than six parts per million of iron.

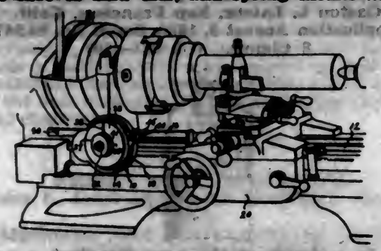
2,105,702
FLEXIBLE SHAFT COUPLING
Herman J. Schelms, Berkeley, Calif.
Application August 6, 1934, Serial No. 738,594
3 Claims. (Cl. 64—14)



3. A coupling of the character described comprising a pair of annular axially aligned members having on adjacent sides thereof alternate extended and recessed portions, the extended portions of each member being inserted in but spaced from the sides of the recessed portions of the other member, and a filler of flexible material in the space between the interengaged portions, said extended portions being enlarged at points spaced from their inner ends and said recess portions being substantially correspondingly reduced at points spaced from their inner ends the greatest width of each enlargement of each extended portion being substantially the same as the smallest width of said recessed portions, whereby the members will be locked together against separation when the filler is operatively disposed in the space between the portions.

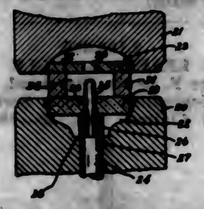
2,105,703
GAUGE OR INDICATOR FOR LATHES
Benjamin Milton Self, Detroit, Mich.
Application July 9, 1937, Serial No. 152,692
4 Claims. (Cl. 82—34)

1. In a stationary indicator for lathes, a casing, a horizontally disposed rack passing through said casing, the end of said rack bearing against the movable carriage of the lathe, a train of gears actuated by said rack, a rotary dial actuated by said train of gears and responsive to the movement of said rack, friction means to retain said dial in operative connection with said train of gears, and means to disengage said dial from said train of gears, a pointer rotatably seated upon said dial and adapted to be selectively set upon the face of said dial, and spring means acting



upon said rack to thrust said rack into a positive contact with the movable tool carriage.

2,105,704
METHOD OF MAKING HOLLOW BODIES
Leo C. Shippy, Lockport, N. Y., and Wilmar Oscar Gebhart, Anderson, Ind., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 28, 1933, Serial No. 686,758
7 Claims. (Cl. 18—39)



1. The method of making hollow bodies, comprises the steps which include, arranging two disc preforms and one ring preform of uncured phenolic condensation material in a mold in a manner such as to form a central void, closing the mold quickly to trap the air in the void and then subjecting the preforms to heat and pressure within the mold to cause the material to flow along the walls of the mold and to keep the material away from the center of the body, and releasing the air from the body whereby the body is loosened from the mold.

2,105,705
HINGE
Roy Arthur Spotholz, St. Louis, Mo.
Application February 25, 1937, Serial No. 127,848
2 Claims. (Cl. 16—125)



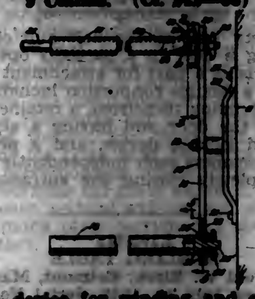
1. A hinge in which one leaf is composed of two integral portions formed at right angles with each other, and in which the other leaf is formed by two portions at right angles to each other, the portion of the latter leaf adjacent the pintle of the hinge having an extension outwardly formed therein, the plane of which is substantially parallel to the portion of the leaf adjacent the pintle of the hinge.

2,105,706
FASTENER
David R. Stamy, Huntington Woods, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware
Application February 16, 1935, Serial No. 6,791
4 Claims. (Cl. 85—5)



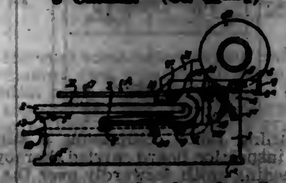
1. A fastener of the class described comprising, in combination, a resilient head portion, a neck portion integrally formed with said head portion and disposed in substantially right angular relationship at one edge of said head portion, and an attaching portion integrally formed with said neck portion comprising a pair of spaced arms projecting from respective opposite edge portions of said neck portion normally overlapping said head portion and having their lower surfaces tapered in the direction of their free ends, said arms being bendable into attaching position by relative separation of the inner faces thereof into substantially the plane of the neck portion.

2,105,707
DEVICE FOR WINDING AND CUTTING CELLOPHANE
Louis G. Stampfli, Cincinnati, Ohio
Application July 20, 1936, Serial No. 91,044
9 Claims. (Cl. 242—56)



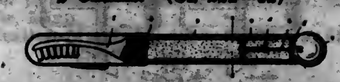
1. In a device for winding and cutting web material, the combination of, a rotatable winding reel comprising a plurality of arms held in spaced relationship thereon, a cutting knife, and means for mounting the knife for longitudinal movement on one of the arms and with its cutting edge projecting beyond the surface of the arm.

2,105,708
APPARATUS FOR USE IN MAKING DRAWINGS
Harry J. Trefzger, Ferguson, Mo.
Application June 6, 1935, Serial No. 25,259
Renewed June 21, 1937
5 Claims. (Cl. 41—4)



5. An apparatus of the class described comprising a base element, a frame pivotally supported by said base element, an air-moving apparatus mounted on said frame, a drawing-receiving element supported by said base element and positioned so that air is directed by said air-moving apparatus toward the surface of said drawing-receiving element, a straight-edge hingedly attached to and extended from said frame, means mounted on said frame for holding a drawing in place on said drawing-receiving element, and means including a pivotally supported lever for subjecting said frame to pivotal movement.

2,105,709
RESILIENT CLOSURE
Richard J. Violette, Virginia, Minn.
Application May 4, 1936, Serial No. 77,743
2 Claims. (Cl. 221—82)



1. In combination, an instrument handle of hollow construction for carrying powder therein and having an open free end, means laterally removably held over said open end to normally act as a closure therefor, and a resilient teather attached at one end to said means and at its other end within said hollow handle to permit of the contents of the handle being poured therefrom when said means has been laterally removed from its normal position over said open end.

2,105,710
CASING FOR SUPPOSITORIES
Josef Wedel, Hamburg, Germany
Application March 27, 1936, Serial No. 71,669
In Germany March 28, 1935
1 Claim. (Cl. 128—264)

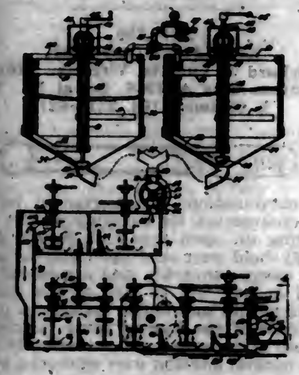


The combination with a suppository for insertion into the body tracts; of an applicator for protecting said suppository in a hygienic manner against outside contact comprising a conically tapered flexible tube, the base of said tube being entirely open and the opposite end being entirely closed and depressed into said tube to form a holder for said suppository entirely surrounding the same, said tube having such diameter and such length that the finger of a person may be inserted through said open end to contact the walls of said pocket and push said suppository entirely therefrom against a normal resistance of the body tracts.

2,105,711
METHOD FOR PRODUCING LAYERS OF DISTENDED FIBROUS MATERIAL
George C. Weatherred, Chicago, Ill., assignor to Cellufoam Corporation, Chicago, Ill., a corporation of Delaware
Application January 22, 1936, Serial No. 60,315
3 Claims. (Cl. 92—39)

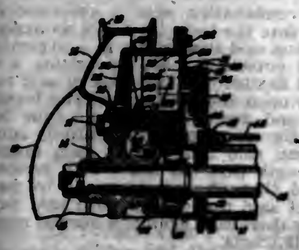
1. The method of producing a coherent layer of distended fibrous material of substantially uni-

form width and thickness, which consists in maintaining contiguous pools of liquid mix having their surfaces at progressively lower levels, supplying measured quantities of fiber and liquid including a foaming agent to the first pool of the series in the amounts required to provide a mix of the desired consistency, constantly maintaining individual agitation in each of the pools to the extent required to cause foaming of the mixture and to separate and maintain the fibers in distended relation within the foamy mass, dis-



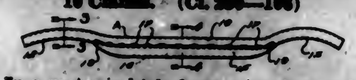
charging from each pool by overflow to the surface of the next pool in the form of a broad even layer and discharging from the last pool of the series in the form of a broad even continuously horizontally advancing layer of uniform thickness, confining the sides of the advancing layer to maintain a uniform width for the layer, and extracting liquid from the layer during its advancement to the extent necessary to make the layer self-sustaining and capable of manipulation.

2,105,712
HYDRAULIC BRAKE
Robert L. Welch and John T. Sheup, Canton, Ohio
Application July 18, 1936, Serial No. 91,372
9 Claims. (Cl. 188—90)



1. A device of the character described including two members located laterally of each other, one of the members being mounted for rotation relative to the other member, a fluid chamber between said members, diametrically opposed high points upon one member projecting into said chamber, vanes carried by the other member slidable into said chamber, and operating means to project said vanes laterally into said chamber, said operating means formed to permit retraction of the vanes as they approach and pass said high points.

2,105,713
FRAME
Albert R. Werickhoff, Lake Orion, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application March 23, 1936, Serial No. 12,577
10 Claims. (Cl. 280—106)



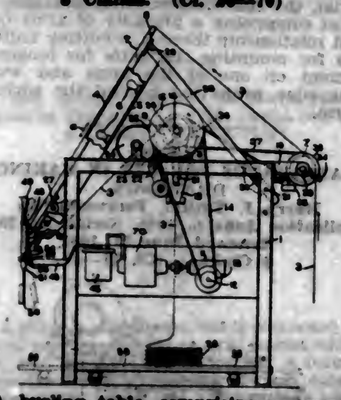
6. In a motor vehicle frame structure, a hollow frame member, and a reinforcing member for stiffening said frame member, said reinforcing member being welded to said frame member and extending downwardly therefrom, said reinforcing member having a web portion spaced from said frame member intermediate the length thereof, said web portion being deflected toward and into engagement with said frame member at one end thereof.

2,105,714
BOLT AND CHAIN LOCK
Frank R. West, Detroit, Mich.
Application December 30, 1933, Serial No. 704,675
Renewed June 16, 1937
13 Claims. (Cl. 292—264)



1. A safety lock of the bolt and chain type for securing a door in a partially opened position, comprising a part for attachment to a door casing and a flexible connection including a lock member extending therefrom, a retainer member secured to the door and having a slot for receiving said locking device, and a plurality of impeding members each independently and normally completely closing the entrance to said slot.

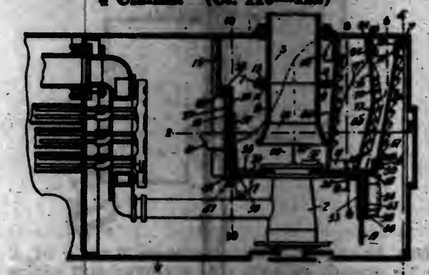
2,105,715
BURLING TABLE
Harold W. Birch, Belmont, Mass.
Application July 24, 1936, Serial No. 92,319
8 Claims. (Cl. 26—70)



1. A burling table comprising a supporting frame, an inspection board carried thereby, a feed roll for feeding cloth forwardly over the inspection board, a guide roll over which the cloth passes as it travels to the inspection board, means to

rotate the feed roll either forwardly or backwardly, and a one-way driving connection between the feed roll and the guide roll which is operative when the feed roll is rotated backwardly and is non-operative when the feed roll rotates forwardly.

2,105,716
LOCOMOTIVE DRAFT CHAMBER
George Samuel Beyler, Peterborough, Ontario, Canada
Application November 2, 1936, Serial No. 108,736
4 Claims. (Cl. 110—122)



1. The combination with the locomotive body and the stack, of a vertical wall located at the rear of the stack and having a rectangular central opening extending upward from its lower edge to a point intermediate of its height, horizontal wall portions extending forward from such lower edge at each side of the opening, a vertical plate extending between and overlapping the sides of such opening, a horizontal plate extending between and overlapping the horizontal wall portions, a removable bar plate overlying each overlapping vertical and horizontal plate portion means for tying each horizontal wall portion, the corresponding overlapping plate portion and overlying bar plate together, and means for tying each vertical wall portion, corresponding overlapping plate portion and overlying bar plate together.

2,105,717
INTERNAL COMBUSTION ENGINE
Walter Scott Burn, Hartlepool, England, assignor to The National Gas and Oil Engine Company, Limited, Alfred Blakeston Rolmford, Ashton-under-Lyne, England, and Walter Scott Burn, Hartlepool, England
Application November 13, 1935, Serial No. 49,632
In Great Britain November 13, 1934
6 Claims. (Cl. 123—65)



4. An internal combustion engine comprising a cylinder having two separate and complete circumferential rows of ports at different levels below the top and an inner top shaped to present an approximately double concave surface to the combustion space, the upper row of ports nearer to the cylinder top being tangentially and upwardly inclined so as to cause entering air streams to flow uniformly upward and around in helical paths against the inner wall of the cylinder toward the top and the inner top surfacing causing it to then reverse and flow downward again centrally of the cylinder inside the area of initial flow of the entering air streams, thereby stabilizing the flow of the scavenging air and permitting the same ports to be utilized for supercharging, and a valve controlling the air entry through said upper ports by a timing arrangement opening the same to air admission only after the lower row has been opened to gas exhaust; the said lower row of ports being also upwardly and somewhat tangentially inclined to the cylinder axis.

2,105,718
DISPENSING CONTAINER
Alfred J. Chamberlain, Wauwatosa, Wis., assignor to General Metalware Company, Minneapolis, Minn.
Application March 16, 1936, Serial No. 68,981
3 Claims. (Cl. 221—11)



1. A dispensing receptacle having a relatively large pouring spout, said pouring spout being externally threaded, a smaller spout having a sleeve portion, opposed inner and outer surfaces of said sleeve being threaded internally and externally respectively and said inner threads being adapted to be screwed onto the external threads of the pouring spout, said smaller spout having a restricted pouring nipple, and a removable cap for said nipple having a threaded formation interengageable with the external threads of the sleeve portion of the smaller spout.

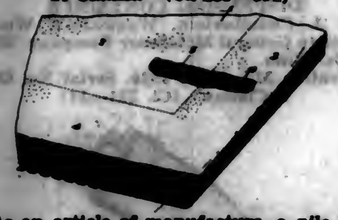
2,105,719
PORTABLE ELECTRIC LIGHT
Cap B. Collins, Washington, D. C.
Application October 8, 1935, Serial No. 44,111
3 Claims. (Cl. 171—76)



1. A portable flashlight, comprising relatively rotatable tubular casing sections, a generator comprising spaced end plates to fit within one casing section, bars holding said end plates in fixed spaced relation, pole pieces secured to and supported by said end plates and having radially projecting poles with current generating windings thereon, a shaft journalled between the end plates, a spider on said shaft between said end plates, bar magnets carried by said spider and projecting oppositely from said spider into cooperative relation with said radial poles, means for securing said generator unit in said casing section, a gear unit in said casing section and including an end element in driving relation to said shaft, a winding shaft journalled in said

gear unit, a spring barrel rotatable about said winding shaft and having a driven relation to the first gear element of said gear unit, a spring connected between said winding shaft and spring barrel and a winding connection between the second casing section and said winding shaft.

2,105,720
FLOOR COVERING
Wellesley B. Cooper, Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn., a corporation of Massachusetts
Application January 26, 1937, Serial No. 122,454
10 Claims. (Cl. 139—391)



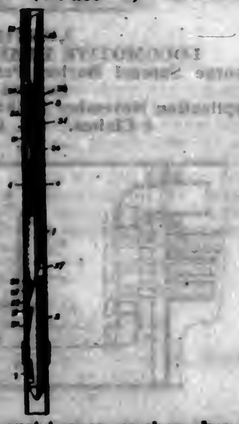
1. As an article of manufacture, a pile fabric floor covering comprising a backing fabric of warp and weft yarns and pile tuft yarns interwoven therewith to form an uninterrupted pile tread surface, certain areas of which surface are normally exposed to more wear than other areas, said first-mentioned areas being provided with heavier yarns than said other areas so that the tread surface of said first-mentioned areas is more highly resistant to abrasive wear tending to shorten the pile, than the tread surface of said other areas, whereby to enhance the wearing qualities of said areas exposed to greatest wear.

2,105,721
WHIPSTOCK
Cecil C. Cutrer and Joseph Leroy Broussard, Sulphur, La., assignors to George J. Barrett and Sesthene Robichaux, Houston, Tex.
Application June 4, 1935, Serial No. 24,960
12 Claims. (Cl. 255—1)



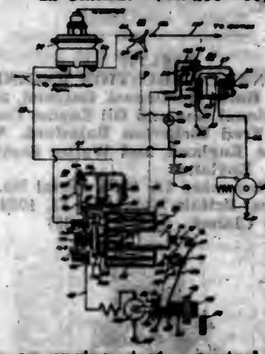
1. A device as set forth comprising a body insertable in a well opening having an inclined longitudinal face on one side and provided with a guide channel, a slide in said channel and a sleeve secured to said slide and loosely engaging about the stem of a drill to hold the drill in spaced relation to the inclined face.

2,105,722
WELL-BORING APPARATUS
George J. Barrett and Sesthene Robichaux, Houston, Tex.
Application November 20, 1935, Serial No. 50,729
7 Claims. (Cl. 255—1)



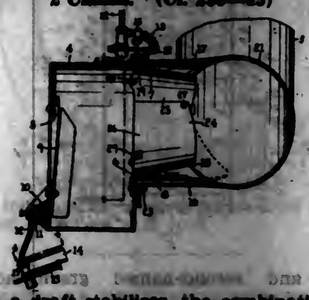
1. A whipstock comprising an anchor shaped to be lowered into a well, means for fixing the anchor to the wall of the well, a deflector shaped to be lowered into the well and adapted to rest on the anchor, means for attaching the deflector to the anchor, said deflector having a sloping face and a tool guide movably mounted on said face.

2,105,723
STARTER CONTROL SYSTEM
John B. Dyer, Pendleton, and William E. Brown, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 14, 1934, Serial No. 735,102
12 Claims. (Cl. 290—36)



12. In an engine starter control system, the combination which comprises, a storage battery, an engine driven generator for charging the battery, a cut out relay associated therewith, an electric starting motor for starting the engine, and a control circuit for connecting the battery with said starting motor, said control circuit including a relay magnet having a winding, a switch operated by the cut-out relay, a connection extending from said winding to said last-named switch and from said switch directly to the battery whereby when said last-named switch is closed said winding is connected directly with the battery, and a second switch for controlling the action of the relay magnet winding.

2,105,724
DRAFT STABILIZER
Edward A. Field and Edward A. Field, Jr., Chicago, Ill.
Application July 26, 1935, Serial No. 33,243
2 Claims. (Cl. 236—45)



2. In a draft stabilizer, the combination with a smoke flue having a side opening therein, of a housing having an inlet opening and with an outlet opening provided with a cylindrical rearwardly projecting flange, a cylindrical collar conformed to fit against the side of the smoke flue at the outside of the opening thereof, the housing flange being rotatably adjustable on said collar to permit the vertical positioning of the housing, means for securing the housing and collar to said smoke flue with the housing in its adjusted position, a rearwardly tapered discharge flue for said housing projecting into said opening in said smoke flue, said discharge flue comprising a pair of segmental complementary sections pivotally connected at their inner ends, their outer ends being connected to said housing, and a counterbalanced gate for said inlet opening.

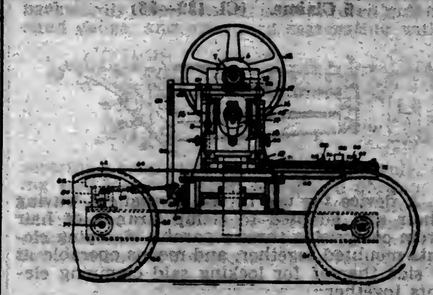
2,105,725
BANDAGE BINDER CLIP
Ernest Freiberg, Brooklyn, N. Y.
Application August 26, 1937, Serial No. 160,941
2 Claims. (Cl. 24—95)



1. A bandage binder clip comprising a frame, the bars of which are of semi-circular cross-section to form a groove, and a plate bendably connected to a bar of said frame, a plurality of teats formed with said plate adapted to press the material of an elastic band into the groove of said frame when said plate is bent upon said band, and a means to secure said binder to a bandage.

2,105,726
STRIP CUTTING AND APPLYING MACHINE
Nester Fries, Fort Wayne, Ind., assignor to Flashfold Bar Corporation, Fort Wayne, Ind.
Application July 22, 1933, Serial No. 681,903
2 Claims. (Cl. 93—36)

1. In a strip cutting and applying machine, a reciprocating die, means to feed a tape to the die and simultaneously apply an adhesive substance to one side of the tape, a flexible belt having depressible upstanding stops at selected intervals of its length for engaging material to be treated, means to drive the belt intermittently for carrying the material into and from registration with the die and a knife cooperating with the die and independently reciprocable for cutting a strip from the tape and applying it to the said material.



2,105,727
INSECTICIDES
Charles R. Gnadinger, Minneapolis, Minn.
No Drawing. Original application January 6, 1933, Serial No. 650,505. Divided and this application September 8, 1936, Serial No. 99,817
2 Claims. (Cl. 167—14)

2. An insecticide containing a polyselenide of a metal selected from the group consisting of alkali metals and alkaline earth metals.

2,105,728
ADHESIVE TAPE
Leon W. Geller, Astoria, N. Y., assignor of two-thirds to Nelson J. Funarow, New York, N. Y.
No Drawing. Application July 8, 1936, Serial No. 89,985
9 Claims. (Cl. 154—43)

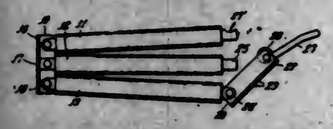
1. Adhesive tape comprising a sheet of transparent cellulosic material joined to a sheet of transparent gelatinous material, and an adhesive applied to the outer surface of said sheet of gelatinous material.

2,105,729
HAIR CURLING DEVICE
Abraham Goodman, Brooklyn, N. Y., assignor to Delaware Company, Inc., a corporation of Delaware
Application July 1, 1936, Serial No. 88,981
2 Claims. (Cl. 132—41)



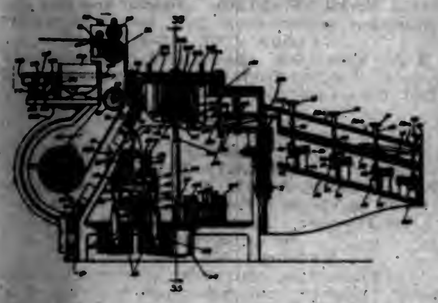
1. In a hair curling device, a curler comprising a tubular form having an open outer end, a wire loop pivotally connected to the form, a rigid cylindrical roller mounted on the bight of the loop, said roller being adapted to engage the opening in the end of the form and having beveled ends that contact with the wall of the end of the form, when the loop is swung into latched position, to self-center the roller in the opening.

2,105,720
HAIR WAVING APPLIANCE
Max Gottlieb, Chicago, Ill.
Application March 2, 1936, Serial No. 66,685
5 Claims. (Cl. 132—33)



1. A device for use in the permanent waving of hair and adapted to clamp strands of hair therein comprising three separable clamping elements mounted together, and means operable at one side thereof for locking said clamping elements together.

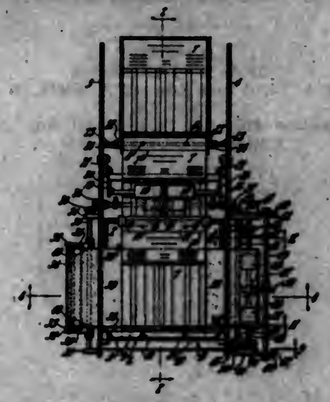
2,105,731
COMPOSING MACHINE
Roy V. Graves and Axel J. Rehnman, Minneapolis, Minn., assignors to The Graves Process, Inc., Minneapolis, Minn., a corporation of Delaware
Application January 22, 1931, Serial No. 510,644
Renewed December 2, 1937
16 Claims. (Cl. 197—12)



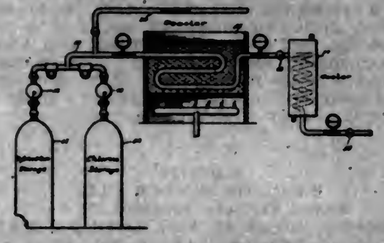
4. In a machine of the character described, a type wheel provided with character units, a movable carriage for supporting material for receiving imprints of said character units, electric means for actuating said type wheel and for moving said carriage, a keyboard provided with a plurality of character keys corresponding to said character units, electric circuits connecting said character keys and said electric means, switches adapted to be closed by depression of said character keys for completing the circuits to said electric means, and electric means associated with each of said keys to maintain said switches closed for a predetermined time interval.

2,105,732
FLATBED TYPEWRITING MACHINE
Edward Hano and James Mason Prentice, Holyoke, Mass.; said Prentice assignor to said Hano
Application August 24, 1935, Serial No. 37,727
15 Claims. (Cl. 197—126)

13. In combination, in a manifold machine, a fixed writing plate, means for locating manifold forms and transfer sheets on the writing plate, gravity-actuated means for imparting a tension to the manifold forms, gravity-actuated means for imparting a tension to the transfer sheets, and operative connecting means between said first-named and second-named gravity-actuated means.



2,105,733
CHLORINATION PROCESS
Henry B. Hass and Earl T. Mollee, West Lafayette, Ind., assignors to Purdue Research Foundation, West Lafayette, Ind., a corporation of Indiana
Application June 8, 1935, Serial No. 25,633
12 Claims. (Cl. 260—163)



1. The process of substitutively chlorinating compounds of the class consisting of saturated hydrocarbons of not to exceed sixteen carbon atoms of the paraffin and naphthene series and their partially chlorinated derivatives, which consists in subjecting a mixture of chlorine and the material to be chlorinated under a pressure in excess of ten atmospheres to a temperature which is capable of causing a reaction between them which is at least 90% complete within one minute in the absence of light and a catalyst.

2,105,734
METAL COIL
Clarence S. Henderson, Batavia, Ill., assignor to Acme Steel Company, Chicago, Ill., a corporation of Illinois
Application November 11, 1935, Serial No. 49,246
1 Claim. (Cl. 206—59)

A coil comprising a wooden core made up of a plurality of thin laminations secured together and each extending substantially throughout the circumference of the core, each of said laminations having its ends offset with respect to the ends of an adjacent lamination, a short lamination interposed between said laminations and overlapping the ends of one of said laminations,



and a length of metal strapping wound in superimposed layers on said core.

2,105,735
PRESSURE RELEASING APPARATUS
James P. Hodge, Amarillo, Tex., assignor to General Mills, Inc., Minneapolis, Minn., a corporation of Delaware
Application October 16, 1935, Serial No. 44,440
14 Claims. (Cl. 169—71)

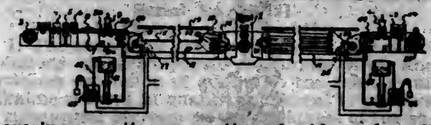


1. A chamber having an opening in a wall thereof, means normally closing said opening and comprising a movable frame, means for locking the frame in closed position, and a panel movably supported in said frame and having an operative connection with the locking means and adapted, upon abnormal pressure in the chamber, to actuate said locking means and effect the release of the frame.

2,105,736
PROCESS AND MECHANISM FOR ROLLING ENDLESS LENGTHS OF METAL IN REVERSIBLE MILLS
Edwin B. Hudson, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio
Application August 20, 1934, Serial No. 741,133
10 Claims. (Cl. 80—39)

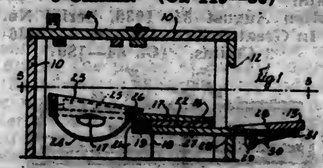
1. In combination, a rolling device, means for providing an endless supply of metal thereto, means for segregating a portion of said supply on either side of said rolling mechanism, and means for taking up and paying out said segregated portion on either side of said rolling mechanism.

10. A process for the reversible rolling of strip metal without end wastage which comprises providing an endless supply of metal, segregating for rolling purposes a portion of said endless supply, rolling said segregated portion forwardly and backwardly under tension until reduced to the desired gauge, and afterward segregating without



severing a contiguous portion of said supply, rolling said last mentioned segregated portion, and continuing the steps of the process aforesaid, whereby to produce an endless, uniform rolled supply of metal, from which parts may be severed for use after the completion of the rolling thereof.

2,105,737
NEST BOX FOR HENS
Oscar H. Hunsby, Waco, Tex., assignor of one-half to Marrero Cross, Waco, Tex.
Application July 5, 1935, Serial No. 29,737
6 Claims. (Cl. 119—50)

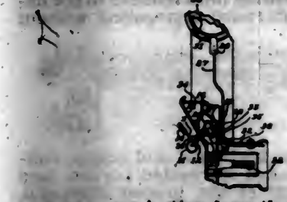


1. A nest box for hens, comprising, a casing having an opening in a vertical side wall thereof for the passage of a hen to and from the interior of the casing, an outwardly opening door hingedly mounted at its bottom edge portion for closing said casing opening, a removable hanger mounted on transversely disposed supports at its opposite sides whereby to rock within the casing, a nest located on the rear end portion of the hanger, said hanger being constructed with a platform forward of its pivotal axis and the forward portion of the hanger being normally in a lowered position with the rear portion carrying the nest raised, but when in either the normal or its tilted operated position with the forward portion raised and rear portion lowered the hanger being nearly in a horizontal position, and means cooperatively connecting the forward portion of the hanger and the door whereby the door is automatically opened when the forward portion of the hanger is swung downwardly and the door thereby provides a substantially horizontal external platform at the casing opening whereby a hen can conveniently enter the casing and move upon the nest, the weight of the hen on the nest tipping the hanger whereby to close the door and holding it closed until the hen leaves the nest and transfers its weight to the portion of the hanger forward of its pivotal axis, thereby depressing the forward portion of the hanger and automatically opening the door.

2,105,738
TIRE PRESSURE INDICATOR
George F. Hutchings, St. Louis, Mo.
Application January 14, 1935, Serial No. 1,717
7 Claims. (Cl. 73—31)

1. In a device of the character described, the combination of a smooth and rounded head in contact with an inner tube, a member bearing the head and having a projection therefrom at

substantially a right-angle thereto, a spring normally pressing the said member and thereby the said head into contact with the inner tube, a rockable member with which the said projection



engages, a projection from the said rockable member, a wire connected with the said projection, and a scale with which the said wire is adapted to register.

2,105,739
PIANOFORTE
Mordecai Victor Jacobs and Herbert Spencer Bird, London, England, assignors to Mordecai Victor Jacobs and Michael Kemble, London, England
Application August 31, 1936, Serial No. 98,709
In Great Britain January 22, 1936
3 Claims. (Cl. 84—186)



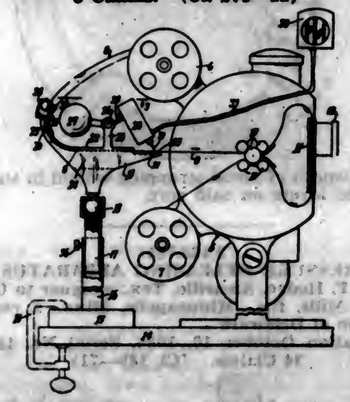
1. A keyboard lid for a miniature piano having a horizontal portion, a ledge carried by said horizontal portion, and a vertical front wall portion terminating in a bottom edge, the bottom edge being provided with elongated recesses, and a strip pivotally secured in each recess and movable from a position parallel with the edge to a position perpendicular to the edge so that when the lid is raised, each strip will extend upwardly beyond the vertical front wall, to constitute the back of a music desk of which the said ledge constitutes the base.

2,105,740
AUTOMOBILE COLLAPSIBLE BERTH
James Knudsen, Chicago, Ill.
Application November 27, 1935, Serial No. 51,728
7 Claims. (Cl. 155—7)



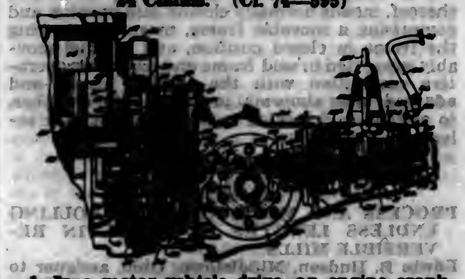
1. In an automobile body, an articulated rear seat assembly including a plurality of angularly arranged sections hingedly connected in series, and means slidably supporting one of said sections in the body whereby said sections may be disposed by a forward movement into a horizontally aligned position to form a bed, said sections including a rear section normally concealed in the rear of the body hinged at an upper portion to an adjoining section of said assembly and extending rearwardly downwardly therefrom behind said adjoining section, said rear section when concealed being supported in an inclined position with its lower end rearmost and pivotally fastened to the automobile body so as to define a storage space between it and said adjoining section.

2,105,741
SOUND DEVICE
Jacob M. Kuhlik, Brooklyn, N. Y., assignor to Hattie B. Kuhlik, Kings County, N. Y.
Application June 30, 1936, Serial No. 88,140
3 Claims. (Cl. 274—11)



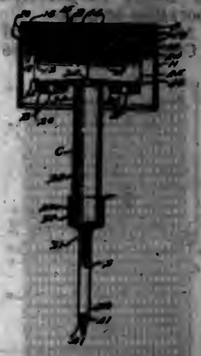
1. A sound unit arranged for use with a motion picture projector comprising a support, a guide head mounted for universal movement on said support and said guide head having a passage therethrough for a film, a sound pick-up pivotally mounted in said unit and engaging the sound track of the film as the latter moves through said passage and a counterbalance on the pick-up for controlling the pressure of said pick-up on the film.

2,105,742
MOTOR VEHICLE
Roger K. Lee, Highland Park, Mich., assignor to Chrysler Corporation, Highland Park, Mich., a corporation of Delaware
Application February 13, 1936, Serial No. 63,696
24 Claims. (Cl. 74—595)



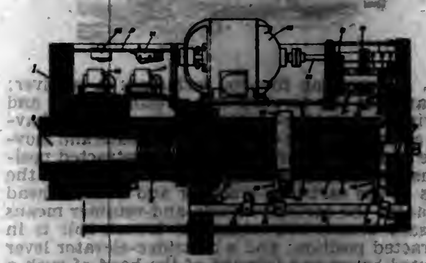
1. In a motor vehicle drive, an engine crankshaft and supporting structure therefor, means for journalling said crankshaft adjacent its opposite ends in said supporting structure, a clutch having driving and driven clutching members, a shaft adapted to be driven by said crankshaft through said clutch, said driving clutch member being drivingly connected to said crankshaft and being disposed intermediate said crankshaft journals, said driven clutch member being drivingly connected to said driven shaft.

2,105,743
PISTON, AND PISTON AND CONNECTING ROD ASSEMBLY
Roger K. Lee, Highland Park, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware
Application May 19, 1934, Serial No. 726,687
2 Claims. (Cl. 309—16)



1. In a piston having head and skirt portions, a piston pin receiving boss having a portion thereof extending through said head portion, a cylindrical securing member threaded on said extended boss portion, the outer face of said head portion having a cylindrical recess closely receiving said securing member, and a locking pin engaging the contacting cylindrical surfaces of said extended portion and said recess, a portion of the wall of said recess overhanging the adjacent end of said pin, said securing member and said pin presenting in conjunction with said head portion a substantially uninterrupted flat face therefor.

2,105,744
TOOL SLIDE
Robert G. Le Tourneau, Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Peoria, Ill.
Application June 1, 1937, Serial No. 145,745
17 Claims. (Cl. 82—34)



1. A tool slide comprising a housing, a tool-holding quill slidably mounted in the housing for axial movement, a rotary driving member, a pair of magnetic clutches arranged in connection with said member to separately cooperate in locking relation therewith, a driving connection between one clutch and the quill to move the same axially, a similar connection between the other clutch and the quill to also move the same axially in the same direction but at a different speed with the same speed of the driving member, and means to selectively energize the clutches.

2,105,745
NONSTICKY MOLASSES AND SIRUP LIQUID PRODUCTS, AND METHOD FOR MAKING THE SAME
Lawrence W. Lewis, Beverly Hills, Calif.
No Drawing. Application September 9, 1935, Serial No. 39,731
11 Claims. (Cl. 99—141)

1. The process of treating concentrated water solutions of carbohydrate-containing sirup and molasses consisting of adding to the solution an alkaline reagent in quantity sufficient to produce a substantial decrease in the stickiness of the solution but insufficient to produce thickening or solidification.

2,105,746
PLAYING BALL
Alexander D. Macdonald, Malden, Mass., assignor to B. B. Chemical Co., Boston, Mass., a corporation of Massachusetts
No Drawing. Application September 5, 1934 Serial No. 742,872
3 Claims. (Cl. 154—47)

1. In the manufacture of golf balls, the method of securing a thermoplastic cover to a rubber thread-wound core which comprises applying to the core and substantially uniformly a solution of polymerized chloroprene in a solvent which will not appreciably attack the rubber threads during the period of contact therewith, causing the solvent to dissipate after the solution has been applied to the core, whereby a layer of polymerized chloroprene is deposited substantially uniformly over the surface portions of the core, assembling the cover and core, and molding the assemblage.

2,105,747
PIPE OR ROD COUPLING
Stoddard B. Martin, Lakewood, Ohio, and Charles Bernard Waechter, Bradford, Pa.
Application July 22, 1936, Serial No. 91,926
5 Claims. (Cl. 285—196)



4. A coupling comprising a sleeve for accommodating pipe or rod ends, packing means abutting opposite ends of the sleeve, collar members adapted to overlie the packing and adjacent sleeve ends and having inclined walls, and individually operable key members having inclined walls for engagement with the respective inclined walls of said collar members, whereby said packing is subject to compressive forces when said key is moved circumferentially of said sleeve.

2,105,748
HYDRAULIC BRAKE LOCKOUT
Roy C. McCarty, Seattle, Wash., assignor of two-ninths to Earl J. MacAllister, three-ninths to John H. Von Harten, both of Seattle, Wash., and two-ninths to Ralph G. Hale, Spokane, Wash.
Application May 27, 1936, Serial No. 82,078
4 Claims. (Cl. 303—24)

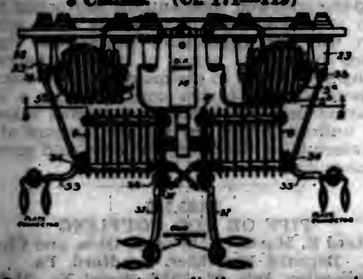
1. In a device of the kind described, a body element providing an upright surgeway for a pressure transmitting fluid, valve means movable upwardly within said surgeway by the surge flow of

said fluid, stop means for said valve element in the lower portion of the surgeway, and a plurality of valve seat means in the side wall of the upper portion of the surgeway each adapted to be



closed singly by said valve means when the fluid surge passing upwardly through said surgeway and outwardly through the valve seat means exceeds a predetermined amount.

2,105,749
DIATHERMY APPARATUS
Arthur H. McClelland, Los Angeles, Calif., assignor to Edgar J. Rose, Los Angeles, Calif.
Application May 6, 1936, Serial No. 78,186
3 Claims. (Cl. 171—119)



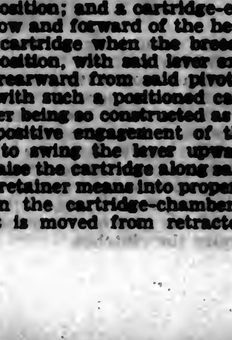
1. In a vacuum tube diathermy apparatus, a band-switching generating and output circuit assembly which comprises: tank inductance means including a plurality of coil sections provided with means for short circuiting any desired portion of such sections to vary the effective inductance of said inductance means, said inductance means being divided into two electrically balanced halves, each half including a major coil section and a minor coil section in non-inductive relation to one another, said major coil sections of said two halves being disposed in spaced relation along a common magnetic axis; and a pickup circuit including a pickup coil disposed in inductive relation to each of said minor coil sections.

2,105,750
ANNEALING COVER
Edward N. Millan, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio
Application October 9, 1935, Serial No. 44,190
14 Claims. (Cl. 263—49)



1. A composite box annealing cover comprising a cast steel base member providing side and end walls, and a roof arch of relatively light material welded thereto.

2,105,751
CONDENSER DEVICE FOR REFRIGERATORS
Roland H. Money, Cincinnati, Ohio, assignor to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio
Application May 28, 1936, Serial No. 82,299
6 Claims. (Cl. 257—36)



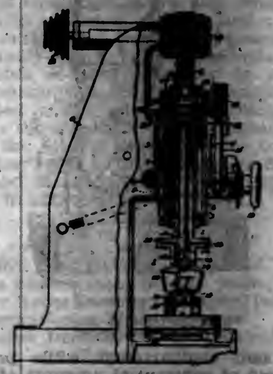
1. A condenser for refrigeration units formed of a plurality of sections, each comprising tubular elements, a bendable tubular element between the sections, and side members for the sections, said side members having connections having locking means for holding the side members in extended and angular relation with each other, as desired.

2,105,752
REPEATING FIREARM
Harold F. Mossberg, New Haven, Conn., assignor to O. F. Mossberg & Sons, Incorporated, New Haven, Conn., a corporation of Connecticut
Application October 1, 1935, Serial No. 43,999
5 Claims. (Cl. 42—17)



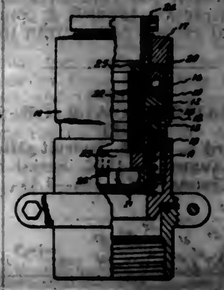
1. A repeating firearm including: a receiver; a barrel at the forward end of said receiver and having a cartridge-chamber; a breech-bolt having cartridge-guide-and-retainer means and movable in the receiver to closed and retracted positions; means for locating a cartridge below the axis of the cartridge-chamber and with its head adjacent the cartridge-guide-and-retainer means of said breech-bolt when the breech-bolt is in retracted position; and a cartridge-elevator lever pivoted below and forward of the head of such a positioned cartridge when the breech-bolt is in retracted position, with said lever extending upward and rearward from said pivot and in engagement with such a positioned cartridge, said pivoted lever being so constructed as to be forced by direct positive engagement of the cartridge therewith, to swing the lever upward and forward and raise the cartridge along said cartridge-guide-and-retainer means into proper position for insertion in the cartridge-chamber when said breech-bolt is moved from retracted to closed position.

2,105,753
MACHINE FOR BORING CONICAL SURFACES
Herman A. Ortegren, Detroit, Mich., assignor to Bower Roller Bearing Company, Detroit, Mich., a corporation of Michigan
Application November 29, 1935, Serial No. 52,313
9 Claims. (Cl. 51—31)



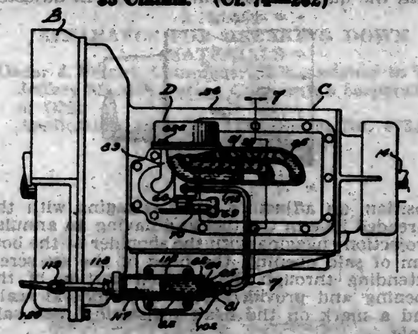
1. A machine for the purpose described having a head, means for rotating said head, and means for holding work with the axis of a conical surface of the work coincident with the axis of rotation of said head; said machine including a plurality of hones positioned about the axis of rotation of said head in a longitudinal inclined position relative to said axis, and crank members pivotally mounted at one end for turning movement on said head relative thereto and upon the free ends of which crank members said hones are mounted with their work engaging surfaces parallel with said conical surface of the work.

2,105,754
WELL DRILLING HEAD
Herbert C. Otis, Dallas, Tex.
Application January 21, 1937, Serial No. 121,553
14 Claims. (Cl. 255—1)



1. The combination with a rotatable drilling head member having amplified recesses in its bore, of a driving medium for said member engaging in the bore of the member and provided with a bore for receiving a driving element which is slidable through said medium, and projections depending from said medium and freely engaging in the amplified recesses of the rotatable member, whereby said medium may be freely engaged in said member over a comparatively wide amplitude of angular variation.

2,105,755
POWER TRANSMISSION
Herbert F. Patterson, Detroit, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware
Application January 25, 1934, Serial No. 708,225
25 Claims. (Cl. 74—262)



1. In a power transmission, a plurality of speed ratio controlling devices, manually controlled selector means including a common selector element for said controlling devices, power operating means for actuating said controlling devices selectively in response to actuation of said selector means, and manually operating power applying means for selectively actuating said controlling devices independently of the first said power operating means.

2,105,756
RELAY FOR AUTOMOBILE LIGHTING CIRCUITS
Frank D. Rehmer, Midland, Pa., assignor to Bocji Corporation, Pittsburgh, Pa., a corporation of Delaware
Application August 12, 1935, Serial No. 35,902
15 Claims. (Cl. 200—87)

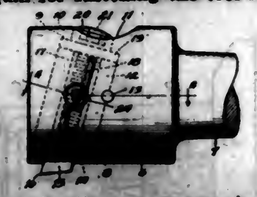


1. A relay having a fixed magnetizable core, a fixed magnetizable base member on which the core is carried, a winding about the core, an armature at the end of the core opposite the base member formed of magnetizable material, a spring outside the winding tending to separate the armature and base member the armature and the base member substantially enclosing the core and winding, and a contact arranged for cooperation with the armature when the relay is de-energized.

2,105,757
BORING TOOL
Benjamin F. Rosenberg, Chicago, Ill., assignor to Scully-Jones & Company, Chicago, Ill., a corporation of Illinois
Application March 12, 1937, Serial No. 130,695
2 Claims. (Cl. 77—58)

1. A boring tool comprising a boring bar having a head at one end thereof provided with a transverse opening extending from the end of the head diagonally toward the opposite side and having a reduced portion opening through the opposite side and providing a shoulder, a split quill

fitting in said opening, a pin engaging with the head and quill for holding the quill in position, said quill having a central bore of angular cross section, a cutting tool fitting in said bore and having a threaded hole at the inner end thereof, a set screw mounted in the head and engaging with the quill for fastening the tool in adjusted



position, an adjusting screw engaging with the threaded hole in the tool and having an annular projection engaging with the shoulder at the bottom of said opening, the head of the set screw extending through the reduced portion of the opening and provided with a peripheral scale, and a mark on the head registering with said scale.

2,105,758

HOSE MANUFACTURE

Frederick Scarborough, Springfield, Mass.

Application March 30, 1936, Serial No. 71,459

2 Claims. (Cl. 66—178)



1. As a new article of manufacture, a stocking formed of a plurality of interlocking loops of thread and comprising a lower foot portion, a body part extending upwardly therefrom, a knee portion extending from the upper end of the body part and a flare portion extending from the upper end of the knee portion, the knee portion being provided with a longitudinal slit which terminates at its upper side at a distance from said flare portion and is formed by failure of a plurality of vertically aligned loops of thread to interlock with the loops at a side thereof.

2,105,759

REDUCING APPARATUS

Robert W. Stevenson, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio

Application December 19, 1933, Serial No. 703,112

10 Claims. (Cl. 83—11)

1. Reducing apparatus for garbage comprising the combination with a casing defining a horizontally extending reducing chamber therein, of a rotary reducing unit in the said chamber mounted to rotate on a horizontal axis, means cooperating with the said unit to effect a grinding and shredding action on the garbage fed into the reducing chamber, a compartment separate from the reducing chamber but communicating therewith for collecting irreducible materials from the reducing chamber, means on the reducing unit for throwing irreducible materials into the said compartment incident to operation of the reducing unit, means interposed between the reducing chamber and the said compartment and adapted to admit the irreducible materials



into the said compartment while preventing entry therein of substantial amounts of reduced materials, and means for flushing both said reducing chamber and said compartment to remove adhering particles of garbage therein and to aid said grinding action.

2,105,760

PROCESS FOR THE PRODUCTION OF ZEIN

Lloyd C. Swallen, Terre Haute, Ind., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application May 8, 1935, Serial No. 20,401

2 Claims. (Cl. 87—28)

1. Process for extracting zein from proteinaceous material derived from maize to give a stable solution which comprises contacting said material with ethyl alcohol of about 92%–98% concentration at a temperature of about 55°–65° C., with the hydrogen ion concentration adjusted during the extraction to such a point that the pH of the final extract falls within the range of about 6.0–7.0.

2,105,761

SERVICE STATION POWER OIL REMOVAL UNIT

Edward L. Weed, Detroit, Mich.

Application August 3, 1936, Serial No. 93,923

18 Claims. (Cl. 184—1.5)



1. In a service station power oil removal unit adapted to remove oil from the crankcase of an internal combustion engine, when running, by suction from the intake manifold thereof, the combination of a connector permanently

mounted adjacent to said engine comprising an air suction tube and an oil suction tube suitably connected to the intake manifold and low point of the crankcase of said internal combustion engine respectively, a reservoir, an oil receiver adapted to empty by gravity into said reservoir, a valve sealing the outlet of the said oil receiver, an air suction hose and an oil suction hose hermetically connected at one end through the upper portion of said oil receiver, and a chuck connected to the other end of said hoses adapted to be manually positioned over the ends of the suction tubes of said connector in hermetically sealed relationship thereto whereupon a vacuum is created in said oil receiver which withdraws oil from the crankcase of said engine to said receiver, the said valve sealing the outlet of the oil receiver being adapted to open under the pressure head of oil in said receiver when vacuum created in said receiver is relieved.

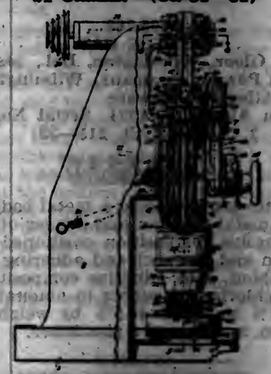
2,105,762

MACHINE FOR HONING CONICAL SURFACES

Thomas Zimmerman, Detroit, Mich., assignor to Bower Roller Bearing Company, Detroit, Mich., a corporation of Michigan

Application December 5, 1935, Serial No. 52,976

21 Claims. (Cl. 51—31)



1. The method of finishing the circular conical surface of a member, which method consists in rotating a finishing instrumentality about an axis coincident with the axis of the work and in contact with the conical surface of the work along a line or lines extending transversely of said surface and in contact therewith throughout the width thereof, and simultaneously moving said instrumentality in the direction of the length of said line or lines of contact with an advancing rotative movement to vary the path of travel of said instrumentality during succeeding rotations.

2,105,763

KEY RECEPTACLE

Homer H. De Berry, Tulsa, Okla.

Application March 3, 1937, Serial No. 128,871

7 Claims. (Cl. 70—456)



1. A key holder and receptacle comprising a casing having a chamber extending entirely through the same, reversely positioned keys within the casing, the adjacent ends of said keys being pivotally connected together and means whereby either key may be projected through one of the open ends of the chamber.

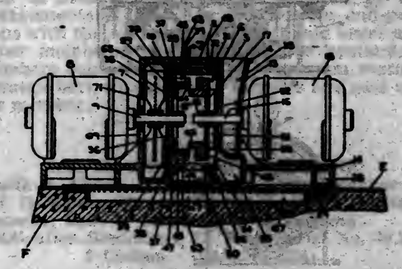
2,105,764

APPARATUS FOR BREAKING DOWN MATERIALS

Oscar J. Feight, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio

Application June 22, 1932, Serial No. 678,069

2 Claims. (Cl. 83—11)



2. Apparatus for breaking down materials comprising the combination with power driven grinding and pulverizing mechanism, of a casing defining a pulverizing zone containing said mechanism, a discharge opening for withdrawing pulverized material from the pulverizing zone, a removable cylindrical grinding liner within the casing having a tramp material opening adjacent its bottom leading to a tramp bin, said casing having another tramp bin positioned laterally of said pulverizing zone adjacent the bottom of said casing, the liner having its inner edge tapered adjacent said tramp bin for guiding tramp material to said bin.

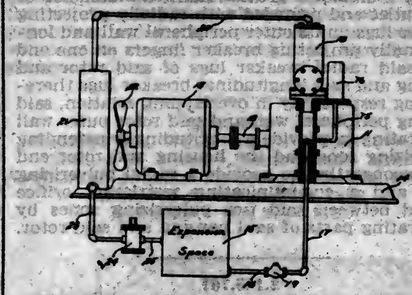
2,105,765

COMPRESSOR SYSTEM

Wilfred Fournace, Oakland, Calif., assignor, by mesne assignments, to Fournace Development Corporation, Ltd.

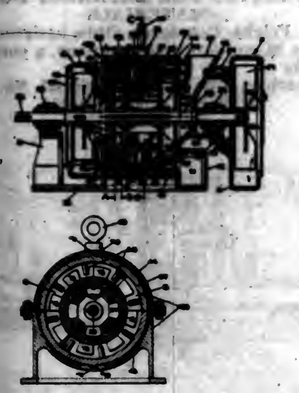
Application November 4, 1931, Serial No. 572,952

12 Claims. (Cl. 230—175)



1. In a compressor mechanism, means forming a closed compartment, said compartment having a wall separating the space into two chambers, a pair of cylinder blocks, respectively supported on opposite sides of the wall, pistons for said blocks, and a valve mechanism for each cylinder and also supported on the wall.

2,105,766
FINE GRINDING MILL
Rodie V. Francis, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application August 9, 1934, Serial No. 739,118
8 Claims. (Cl. 83—11)

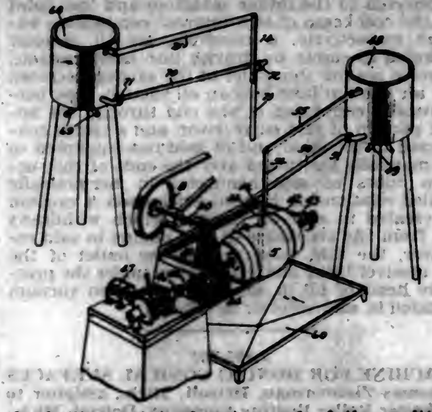


5. In a rotor assembly for a pulverizing mill, the combination with a cylindrical cage having longitudinally extending locking channels, of a plurality of segmental wearing shoes each forming a segment of a cylinder and having an inwardly extending locking foot adjacent each longitudinal edge, adjacent pairs of feet of adjacent shoes being adapted to fit into one of said locking channels, whereby said shoes are locked to said cage and cover the cylindrical face thereof.

8. In a coal pulverizing mill, the combination with a cylindrical housing having an inner peripheral wall and an outlet end wall with a central outlet opening therein, said inner peripheral wall being provided with radially projecting breaker lugs and said outlet end wall being provided with axially projecting breaker lugs, of a rotor comprising a cage carried within said housing in alignment with said outlet opening and having a diameter greater than the diameter of said outlet and provided with radially projecting breaker lugs on its outer peripheral wall and longitudinally projecting breaker fingers on one end wall, said radial breaker lugs of said rotor and housing and said longitudinal breaker lugs thereof being respectively in overlapping relation, said housing peripheral wall and said rotor outer wall cooperating to provide a longitudinally extending pulverizing zone and the housing and rotor end walls cooperating to provide a radial pulverizing zone, and a communicating restricting orifice formed between said two pulverizing zones by cooperating parts of said housing and said rotor.

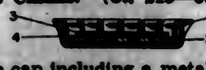
2,105,767
PROCESS OF REMOVING COATING FROM CONTAINERS
Fredrick Gottelman, Milwaukee, Wis.
Application August 20, 1934, Serial No. 740,662
9 Claims. (Cl. 141—6)

1. That process step which consists in removing a coating having a high melting point from the interior of a container by treating said coating with a non-aqueous liquid immiscible with said coating, and at a temperature in excess of



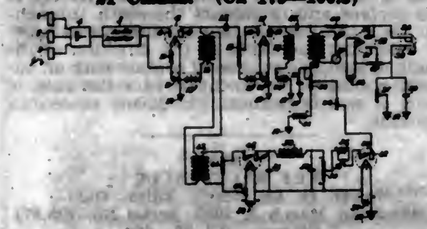
the boiling point of water and of the melting point of the coating.

2,105,768
BOTTLE CAP
Walter E. Gloor, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
Application August 2, 1934, Serial No. 738,292
3 Claims. (Cl. 215—39)



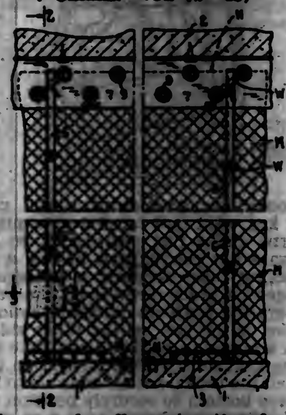
3. A bottle cap including a metal body, a cork cushion, a metal foil spot and a layer of thermoplastic adhesive composition positioned between the cushion and the spot and adhering the spot to the cushion, said adhesive composition consisting of chlorinated rubber in amount of from about 29.5% to about 40.5% by weight of the composition, a resin and a plasticiser.

2,105,769
METHOD AND MEANS FOR ELECTRO-PHOTOGRAPHICALLY RECORDING SOUND
Edmund H. Hansen, Hollywood, Calif.
Application May 4, 1931, Serial No. 535,654
21 Claims. (Cl. 179—100.3)



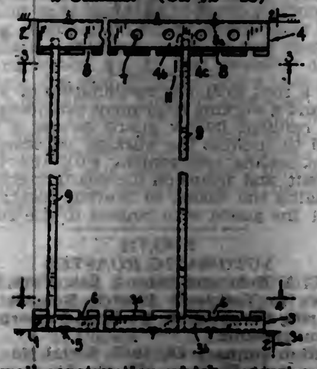
1. A method for electro-photographically recording sound wherein a glow lamp is excited by a speech modulated alternating current and a direct current component consisting in: modulating the direct current component proportionally to the envelope of the alternating component, and progressively decreasing the amount of current flowing through said glow lamp as the modulated alternating current passes a predetermined level.

2,105,770
WALL CONSTRUCTION
Harry Holdsworth, Brownville, N. Y., assignor to Holdsworth Bros. Inc., New York, N. Y., a corporation of New York
Application October 15, 1936, Serial No. 105,661
7 Claims. (Cl. 72—46)



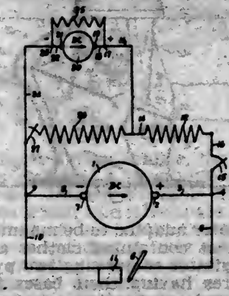
1. An improved wall construction for a room, said construction comprising a base member which is connected to the floor of the room, said base member having transverse recesses at the top thereof, said recesses being substantially perpendicular to the plane of the wall, channel irons having their main walls located in said recesses and having the inner surfaces of their side walls close to the longitudinal edges of said base member so that the bottom ends of the channel irons are prevented from substantially shifting relative to said base member, the main walls of said channel irons having vertical slots at the top ends of said main walls, a top member connected to the ceiling and having a vertical flange, said vertical flange being located in said vertical slots.

2,105,771
WALL CONSTRUCTION
Harry Holdsworth, Brownville, N. Y., assignor to Holdsworth Bros. Inc., New York, N. Y., a corporation of New York
Application January 7, 1937, Serial No. 119,421
2 Claims. (Cl. 72—46)



1. A wall construction which comprises a hollow lower member and a hollow upper member and intermediate upstanding members, said lower member and said upper member each having separated and inwardly directed webs located respectively at the top of said lower member and the bottom of said upper member, said webs having spaced slots, said upstanding members having their top and bottom end-portions located in said slots of said lower member and of said upper member, the widths of said upstanding members being substantially equal to the widths of said slots, the transverse dimensions of said upstanding members being substantially equal to the transverse dimensions of said bottom and top members, so that said upstanding members can be assembled slidingly with said lower and upper members and said upstanding members are held in predetermined normal position by the engagements of their top and bottom end-portions with the walls of the slots of said lower and upper members, the heights of said upstanding members being less than the maximum vertical distance between said lower member and said upper member.

2,105,772
DYNAMO-ELECTRIC MACHINE
Frank J. Lyden, Indianapolis, Ind., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind., a corporation of Indiana
Application September 13, 1935, Serial No. 40,304
9 Claims. (Cl. 171—224)



1. In combination, a main generator and main generator circuit, a supplementary exciter generator and supplementary circuit connected thereto, said generators being arranged in parallel; and a pair of opposed windings of the main generator so arranged that the windings are in series relationship to each other and one of the field windings in shunt relationship to one of said generators and the pair of series connected field windings in shunt relationship to the other of said generators.

2,105,773
HUMIDIFIER WITH TRUNCATED CONES
Gottlieb R. Magney, Minneapolis, Minn.
Application January 17, 1931, Serial No. 509,359
Renewed November 18, 1933
19 Claims. (Cl. 261—115)

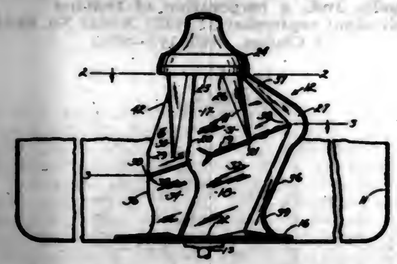


1. A humidifier structure having in combination, a unit comprising a plurality of spaced

members having liquid receiving surfaces, said surfaces being in substantially parallel relation, a plurality of bars spaced about said members extending to and secured to said members, and a plate to which said bars are secured and means for directing a finely divided spray transversely of said members whereby it may contact said surfaces and pass out between said members.

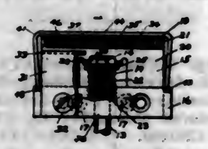
18. A humidifier structure adapted to be used with a furnace having a heated chamber therein comprising means for delivering a finely divided spray of liquid into said chamber for humidification, a magnetically operated valve for controlling said means, a thermostatically operated device disposed in said chamber to be operated by the heat of said chamber connected to said valve for operating said valve and means in said chamber for heating said liquid.

2,165,774
AGITATOR FOR WASHING MACHINES
Jabez Curry Nelson, Syracuse, N. Y., assignor to Easy Washing Machine Corporation, Syracuse, N. Y., a corporation of Delaware
Application December 23, 1935, Serial No. 55,716
8 Claims. (Cl. 259—101)



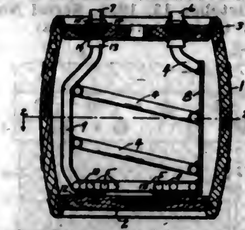
1. An agitator adapted to be mounted for oscillation in a vat containing clothes and washing fluid, said agitator comprising two pyramidically shaped figures having their bases facing upon each other and constituting a body portion for the agitator, said bases extending at an angle to the horizontal, and a plurality of blades extending from said body portion.

2,165,775
SHAVING IMPLEMENT
John L. Nilson, Chicago, Ill.
Application March 17, 1937, Serial No. 131,280
5 Claims. (Cl. 30—43)



4. A shaving implement comprising a stationary comb, a movable comb positioned against said stationary comb, a driving shaft adapted to reciprocate said movable comb so that the teeth of said movable comb operate transversely to the openings in said stationary comb, and a resilient member surrounding said driving shaft and adapted to oscillate in both a lateral and thrust movement free from contact with said driving shaft for applying frictionless pressure to the movable comb.

2,165,776
BEER COOLER KEG
John Panagopoulos, Youngstown, Ohio
Application April 22, 1937, Serial No. 138,342
2 Claims. (Cl. 257—15)



2. A cooler keg comprising a coil positioned within a keg, said coil formed of a plurality of spiral turns and a flat convolution on its lower portion, said flat convolution having a plurality of connecting tubes forming a passage for the cooling agent, a brace member on one side of said coil cooperating with an upright section of the outlet tube of the coil on the other side of said coil, both adapted to hold the complete coil erect within the keg, short spikes formed on the brace and connecting tube portions adapted to be driven into the keg bottom to securely position the complete coil within the keg.

2,165,777
GUARD FOR ROCK DRILLS
William A. Smith, Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application June 4, 1936, Serial No. 83,431
3 Claims. (Cl. 286—7)

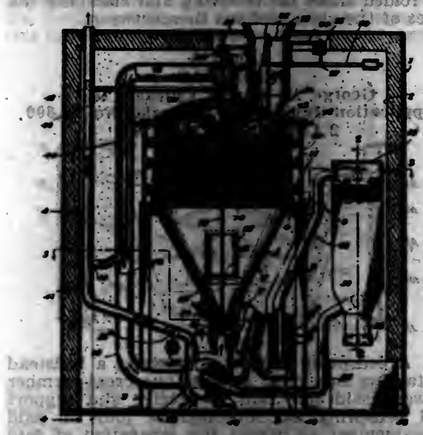


1. In a rock drill, the combination of a rotary casing and a working implement extending thereinto, a resilient hollow guard having a wall at one end to encircle the working implement and being in sealing engagement with the working implement, and means on the guard interlockingly engaging the casing to prevent rotary movement of the guard with respect to the casing.

2,165,778
AUTOMATIC ROASTER
Harry C. A. Behr and Jules J. Eck, York, Pa., assignors to Yorktown Electric Roaster Manufacturing Corporation, York, Pa., a corporation of Pennsylvania
Application January 28, 1937, Serial No. 122,860
11 Claims. (Cl. 24—34)

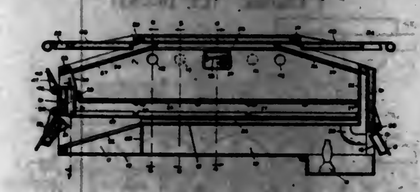
3. In an automatic roaster, the combination of a container provided with a discharge opening,

a blower under said discharge opening, a valve slidably mounted partly in said discharge opening of the container and in said blower, coffee guiding means above said valve and movable



therewith, and a deflecting unit in said container above said guiding means, whereby coffee passing through said guiding means will be directed against said deflecting unit.

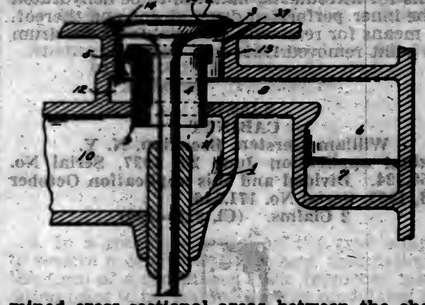
2,165,779
BROODER
William A. Benzing and Mary La Visa Benzing, Lincoln, Nebr.
Application February 2, 1935, Serial No. 4,602
5 Claims. (Cl. 119—31)



1. A brooder having a heating chamber enclosing a brooder chamber at the bottom and sides and ends thereof, the front portion of said brooder chamber extending downwardly through said heating chamber, a reticulated floor and a dropping board within said brooder chamber, said floor and said dropping board each consisting of a plurality of hingedly connected sections whereby the forward sections of said floor and said dropping board may be inclined in a downward and forward direction to provide a ramp for the chicks, said brooder being provided with an opening in the lower portion of the front wall of the brooder.

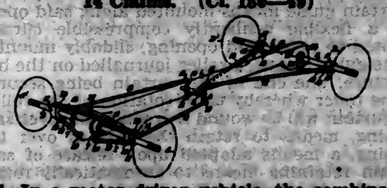
2,165,780
INTERNAL COMBUSTION ENGINE
Joseph Rex Davis, Clarksburg, W. Va.
Application October 6, 1932, Serial No. 632,514
17 Claims. (Cl. 123—52)

1. An internal combustion engine including a cylinder and intake manifold, a positively operated valve between the manifold and cylinder, a chamber adjacent the valve, and a sleeve mounted in the manifold and associated with said valve so as to provide a passage of varying predeter-



mined cross-sectional areas between the chamber and manifold.

2,165,781
CHASSIS FOR MOTOR DRIVEN VEHICLES
Frederick William Dixon, Reigate, England
Application November 17, 1936, Serial No. 111,312
In Great Britain November 18, 1935
14 Claims. (Cl. 180—49)



1. In a motor driven vehicle, the combination of a chassis including a longitudinally extending central girder frame; steerable front wheels; half axles on which said wheels are carried; universal connections, one at the inner end of each half axle for suspending it from said frame; and means for swinging said half axles simultaneously in opposite directions so as to steer the vehicle.

2,165,782
APPARATUS FOR DEHYDRATING OIL-CONTAINING MATERIAL HAVING A HIGH WATER CONTENT, PARTICULARLY WHALE FLESH
Philipp Lorenz Fauth, Wiesbaden-Dotzheim, Germany, assignor to Gesellschaft zur Verwertung Fauth'scher Patente m. b. H., Wiesbaden, Germany
Application May 16, 1935, Serial No. 21,788
In Germany May 14, 1934
7 Claims. (Cl. 87—13)



1. Apparatus for dehydrating oil-containing materials having a high water content including a sealed boiling drum, a heating jacket for said boiling drum, a conveyor screw rotatably disposed inside said boiling drum, an inner perforated drum disposed inside said boiling drum,

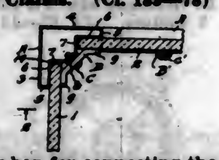
which perforated drum divides the said conveyor screw into an inner screw and an outer screw, means for introducing material to be dehydrated to the inner perforated drum at one end thereof, and means for removing material from the drum at a point removed from said one end.

2,105,783
CABINET
William Gersten, Brooklyn, N. Y.
Original application June 28, 1937, Serial No. 150,724. Divided and this application October 28, 1937, Serial No. 171,546
2 Claims. (Cl. 312—190)



1. In an article of the character described, the combination of a box structure having an opening, a curtain guide means mounted along said opening, a flexible resiliently compressible curtain adapted to cover said opening, slidably mounted in the guide means, a roller journalled on the box structure; one end of the curtain being secured to the roller whereby upon rotation of the roller, the curtain will be wound thereon to uncover said opening, means to retain the curtain over the opening, a means adapted upon release of said curtain retaining means to automatically rotate the roller to wind up the curtain, and further adapted to return to operative condition upon manual sliding of the curtain to cover the opening, a brake mounted on the article, adapted to retard movement of the curtain while the latter is being wound up on the roller, and an auxiliary braking means comprising a member fixed from the axis of the roller, a distance less than the radius of the fully wound up curtain, whereby said member shall cause the individual coil layers of the wound up portion of the curtain to be compressed and further retard further movement of the curtain during the last portion of the travel of the curtain.

2,105,784
WINDOW CHANNEL OR THE LIKE
Paul C. Hagberg, Cleveland, Ohio
Application October 12, 1936, Serial No. 105,316
7 Claims. (Cl. 189—78)



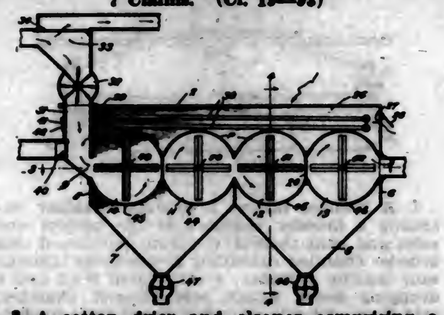
2. A glazing bar for connecting the juxtaposed edges of glass sections together, comprising a sheet of material having portions thereof at opposite sides of its medial axis longitudinally folded inwardly toward each other, the free marginal edges of the folded portions being brought together and interlockingly folded together, the folded portions of the sheet at opposite sides of the medial axis forming hollow wing portions to provide seats for the edges of the respective glass sections, and clamping means detachably secured to the interlockingly folded portions of the sheet aforesaid, and having portions extending in spaced relation to the hollow wing portions of the folded sheet for receiving and clamping the edges of the glass sections therebetween.

2,105,785
BEDSTEAD
George M. Harris, Chicago, Ill.
Application June 17, 1936, Serial No. 85,800
2 Claims. (Cl. 5—310)



1. A bedspring support comprising a bedstead containing side rails, at least one cross-member between said side rails to receive and support said bedspring, an intermediate joint in said cross-member to permit the separation of said cross-member into sections, said cross-member having drop-portions inwardly of said end portions and a bottom portion uniting the drop portions, said joint being in one of the drop portions, and said joint being separable by relative up and down movement of said sections.

2,105,786
COMBINATION SEED COTTON CLEANER-DRIER
Nelson B. Henry, Columbus, Ga.
Application March 7, 1936, Serial No. 67,720
7 Claims. (Cl. 19—93)

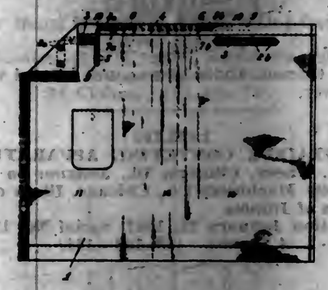


3. A cotton drier and cleaner comprising a casing having a cotton inlet at one end and a discharge outlet at the other end, a series of cylindrical chambers formed in said casing between the inlet and outlet thereof, beaters rotatable in said chambers to move the cotton in opposite directions axially in each chamber and spirally across the axes of said chambers, and means for drying the cotton during its movement through said chambers.

2,105,787
TRAVELING OR LIKE RUG
Carl Herpich, Berlin-Charlottenburg, Germany
Application January 6, 1937, Serial No. 119,327
In Germany February 1, 1936
1 Claim. (Cl. 2—69)

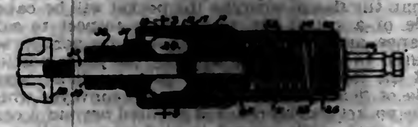
In a traveling or like blanket of substantially rectangular shape consisting of a central portion

and two side portions, adapted to be worn around the body of the wearer with the opposite sides in overlapping relationship, a casing extending along one edge of the blanket, a band in and adjustable relative to the casing and effective in the central portion of the blanket, and cooperative fastening means secured to each side portion



and approximately adjacent said edge, said blanket when wrapped around the body of the wearer having the side portions in overlapping relationship and secured in position by the fastening means and said adjustment of the band being confined to the central portion whereby the side portions are maintained smooth across the front of the wearer.

2,105,788
STUD SETTER
Claude L. Hess, Detroit, Mich.
Application April 13, 1934, Serial No. 720,452
4 Claims. (Cl. 81—53)



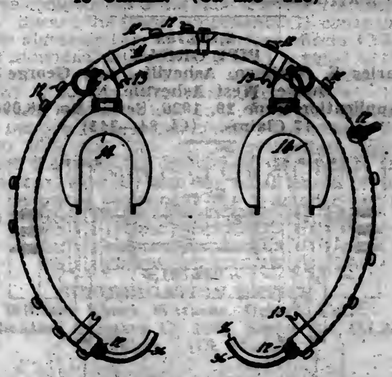
1. In a device of the character described, a combined casing and driving element having a substantially cylindrical chamber therein, a driven element within said casing element and limitedly movable both rotatively and longitudinally in said chamber, means yieldably urging one of said elements toward a predetermined longitudinal and angular position with respect to another, said driven element having a work-receiving socket therein accessible from outside through an aligned opening in the casing, clutching means also within the casing and movable into and out of the socket in the driven element, means including a cam carried by said casing and having surfaces inclined circumferentially and outwardly flaring for moving said clutching means into the socket upon movement of the driven element relatively to the casing under the influence of work forced into the socket, said yieldable means comprising a spring acting both torsionally and longitudinally, and secured at one end to the driving element and at the other end to the driven element, and anchoring means for the end of said spring which is secured to the driving element including means for holding said end of the spring in any of various spaced circumferential positions, whereby the torsional effect of said spring may be varied.

2,105,789
RADIO RECEIVER
Alfred Aubyn Limell, London, England, assignor to Radio Corporation of America, a corporation of Delaware
Application May 16, 1932, Serial No. 671,329
In Great Britain May 25, 1932
5 Claims. (Cl. 250—20)



4. In a receiving system of the type adapted to receive a characteristic tuning modulation in the form of a continuous audio frequency modulation prior to normal intelligence modulated carrier waves, an audio frequency circuit wherein the said tuning modulation currents flow, a visual indicating network for facilitating accurate tuning of the system, said network comprising a rectifier connected in circuit with an indicator, and a highly selective device, sharply resonant solely to said tuning modulation frequency, electrically associated with the indicating network and audio circuit and causing maximum current flow in the indicating network when the receiver has been tuned to develop the maximum tuning modulation current in said audio circuit.

2,105,790
RADIO SHIELDING FOR ELECTRICAL DISTRIBUTING SYSTEMS
Joseph J. Maguch, Newark, N. J.
Application September 23, 1929, Serial No. 394,618
43 Claims. (Cl. 123—148)

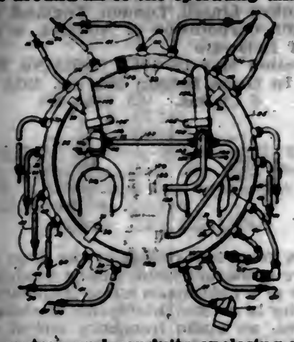


1. In a radio shielding means for aviation engines having a circular contour, a tube shaped to conform to the contour of an engine and provided with a plurality of projecting outlets and means for removably attaching the tube to an engine.

2,105,791
IGNITION SHIELDING
Joseph J. Maguch, Newark, N. J.
Application July 11, 1931, Serial No. 550,676
20 Claims. (Cl. 123—148)

1. A radio shielding system for both the high and the low tension portions of the entire ignition system of an internal combustion engine comprising a rigid manifold to enclose a plurality of wires, flexible conduits enclosing wires from the

rigid manifold to the spark plugs, conductive housings around all of the



ignition system and conduits enclosing wires interconnecting units of the ignition system.

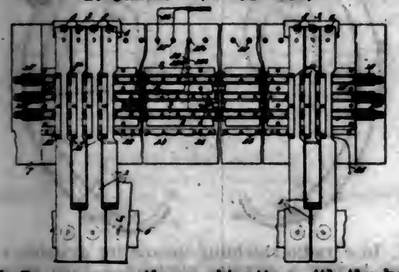
2,105,795
UNSATURATED KETONES
Johannes Nelles, Leverkusen-Schlebusch, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application June 22, 1936, Serial No. 86,092. In Germany June 29, 1935
5 Claims. (Cl. 260—134)

1. The products of the formula:—

CHX=CXCOCY=CHY

wherein one of the X's and one of the Y's stand for hydrogen and the other X and Y stand for a member of the group consisting of hydrogen and alkyl radicals.

2,105,793
PIPE ORGAN
Charles S. Norburn, Asheville, and George M. Geave, West Asheville, N. C.
Application June 29, 1936, Serial No. 88,006
17 Claims. (Cl. 84—341)



1. In an organ, the combination with the keys of a manual, of an organ switch including slides adjacent said keys and each carrying contacts corresponding to the several keys, and contact plates mounted on said keys for cooperation with said slide-carried contacts to form an organ switch.

2,105,794
COMBINATION CLOSET TANK COVER AND VENTILATOR
Charles C. Norris, Riverside, Calif.
Application February 8, 1937, Serial No. 124,636
3 Claims. (Cl. 4—213)

1. A ventilating attachment for use in combination with a water closet having a bowl and a flush tank which comprises a hollow cover adapted to fit over the tank and form the top



closure thereof, and a blower unit housed within said cover.

2,105,795
CONTAINER CONVEYING APPARATUS
Ivan H. Risser, Chicago, Ill., assignor to U. S. Bottlers Machinery Co., Chicago, Ill., a corporation of Illinois
Application January 23, 1937, Serial No. 121,928
4 Claims. (Cl. 198—131)



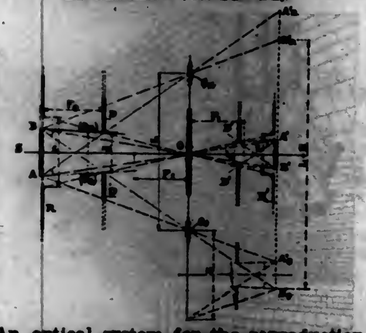
1. The combination with a bottle conveyor, of a bottle receiving pocket therefor comprising a tubular portion of rubber adapted to receive the neck portion of a bottle and having an integral flat mounting flange formed about its receiving end, the side-walls of the pocket being thinner than the flange whereby the pocket will be capable of a swivel-like action with respect to said flange, and the flange having its outer portion secured to the conveyor whereby the inner portion of the flange adjacent the pocket will be capable of flexing with respect to the conveyor when the pocket has been flexed or tilted beyond a certain angle with respect to said inner portion of the flange.

2,105,796
ADJUSTABLE FINGER RING
Robert A. Russell, Rustburg, Va.
Application October 12, 1937, Serial No. 169,730
5 Claims. (Cl. 63—16)



5. A finger ring comprising a band split to provide spaced ends, aligned threaded shanks formed on the spaced ends, a sleeve having a threaded bore receiving the shanks for rotation thereon to vary the diameter of the band for adjustment thereof to fit fingers of various sizes, said sleeve having a slot diagonally arranged therethrough and disposed centrally thereof, a turn button pivotally mounted in the slot and frictionally held therein, said turn button being movable into and out of said slot and of a length to engage the finger when moved out of said slot to hold the sleeve against rotation and said slot being of a length whereby access may be had to either end of the turn button for moving the latter out of said slot.

2,105,797
REPRODUCTION AND PROJECTION OF GOFFERED FILMS
Anne Henri Jacques de Lasteyrie Saint Genies, Versailles, France
Application May 2, 1935, Serial No. 19,490
In France May 4, 1934
14 Claims. (Cl. 88—24)



1. An optical system for the reproduction by projection of lenticulated films comprising means for supporting the film to be reproduced in a plane, means for supporting the copy film in a plane, an optical copying system, said optical copying system having a small aperture the plane of its pupil being different from the zone of convergence of each of said films, means for moving said film to be reproduced and said copy film relatively to said optical copying system, the movements of both said films relative to said optical copying system being homothetic, said planes of said films remaining parallel to one another during the said relative movements for exposing successively the elements of said lenticulated copy film by the elementary light beams emanating from said film to be reproduced, and shutters the circumferences of which are equal to said respective zones of convergence of each of said two films, said shutters being arranged in the respective planes of said convergence and being rigid relative to said films.

2,105,798
VESSEL OR BOX FOR CANNING
Anders Fredrik Tottmann, Lycksele, Sweden
Application May 29, 1936, Serial No. 82,001
In Sweden October 28, 1934
2 Claims. (Cl. 220—61)



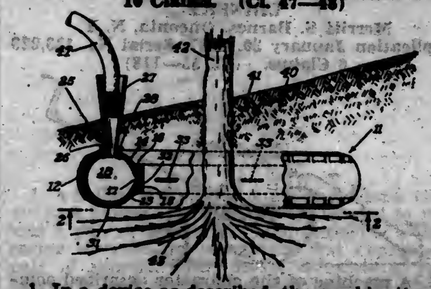
1. In a canning vessel of sheet metal, in combination, a lid having a central recess, and having an outwardly bent undoubled, single-sheet edge portion, the vessel having an outwardly bent single-sheet edge portion, a sealing ring between said two edge portions, and a continuous, seamless, annular connecting member formed with a channel-shaped cross section, enclosing the edge portions of the lid and vessel together with said sealing ring, said connecting member being doubled twice and together with the edge portion of the vessel being folded down closely along the wall of the vessel, whereby the connecting member is firmly clamped between the wall of the vessel and the folded down edge portion of the vessel.

2,105,799
PHOTOGRAPHIC OBJECTIVE
Albrecht Wilhelm Tronnier, Bad Kreuznach, Germany, assignor to the Corporation of Jos. Schneider & Co., Optotechnische Gesellschaft, Berlin, Germany
Application August 31, 1935, Serial No. 38,816
In Germany January 15, 1935
1 Claim. (Cl. 88—57)



Photographic objective of four components in contact with the air, in which a single, uncemented and asymmetrical bi-concave dispersive lens is disposed behind two separate collective components located on the object side, while on the other side of this dispersive lens there is a cemented meniscus-shaped collective component, the collective cemented surface of which is concave toward the image side, has said cemented component having a convex outer surface toward the image side and the total focal length of the dispersive component being between 40% and 80% of the focal distance of the entire objective, the refractive power of the two separate collective components being such that the rest effect ($\bar{\varphi}_{VI}$) toward the front components (I) consisting of the algebraic sum of the surface effects ($\Sigma\bar{\varphi}_{V}$) each individual one of which ($\bar{\varphi}_{VI}$) is equal to the product of the auxiliary radiation incidence height (h_1), the refraction difference (n'_1-n_1) and radii reverse value ($1:r_1$), whereby the surface index is then designated by I amounts to between 50% and 95% of the rest effect ($\bar{\varphi}_{VII}$) toward the collecting component (II) next to the front lens, whereby also the focal length of the first collective component (I) is smaller per se than the focal length of the entire objective.

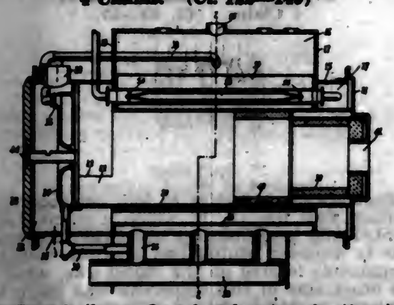
2,105,800
SUBIRRIGATION DEVICE
William Elmer Watkins, Hemet, Calif.
Application January 19, 1937, Serial No. 121,213
10 Claims. (Cl. 47—48)



1. In a device as described, the combination of a flexible circular conduit adapted for burial in the ground surrounding a tree or shrub, a funnel

connected to the upper side of the conduit and extending above the ground level for charging the conduit with water, the conduit having openings in the bottom for seepage of water to the soil, the conduit on account of its flexibility being adapted to be slightly distorted in the ground, the conduit having an annular slot facing towards the tree or shrub.

2,105,901
BOILER
Albert Edward Watts, Montreal, Quebec, Canada
Application May 4, 1936, Serial No. 77,741
4 Claims. (Cl. 122—149)

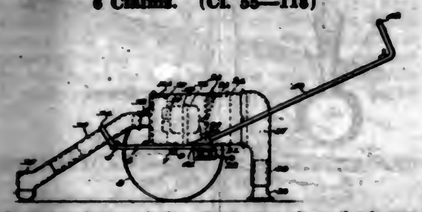


1. In a boiler, a fire chamber terminating in a water wall, a water chamber about said fire chamber, baffles spaced from the walls of said water chamber and forming open ended circulatory passages, a water connection from the bottom of the water chamber to said water wall and discharge pipes from said water wall to said water chamber and directing a flow of preheated water into said passages.

2,105,902
PREPARATION OF NITRATES OF MONOHYDRIC ALIPHATIC ALCOHOLS
Joseph A. Wyler, Allentown, Pa., assignor to Trojan Powder Company, Allentown, Pa.
No Drawing. Application September 19, 1936, Serial No. 101,613
6 Claims. (Cl. 260—144)

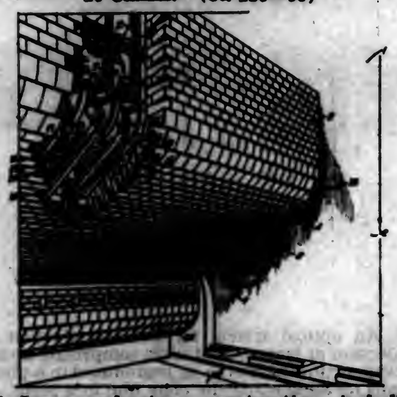
1. The process which comprises nitrating a monohydric aliphatic alcohol of less than 6 carbon atoms in the presence of an alkyl ester of a monohydroxy aliphatic carboxylic acid.

2,105,903
LAWN CLEANING AND FERTILIZING MACHINERY
Merritt S. Barnes, Oneonta, N. Y.
Application January 30, 1937, Serial No. 123,229
6 Claims. (Cl. 55—116)



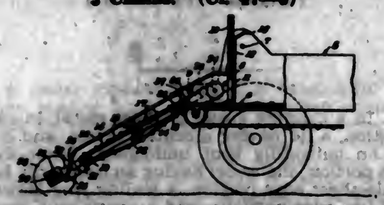
1. A machine of the character described comprising a wheeled frame, a housing mounted on said frame having an inlet opening in its forward end and its rear end open, a suction fan mounted in said housing adjacent the inlet opening, means for driving said fan, an adjustable telescopic suction tube adapted to be detachably connected to the inlet opening of said housing, a cutting unit mounted in the rear end of said housing and a distributor spout connected to the rear end of said housing.

2,105,904
ARCH AND WALL CONSTRUCTION
Lee M. Beall, Tulsa, Okla.
Application June 11, 1934, Serial No. 730,603
10 Claims. (Cl. 110—99)



1. In a refractory construction including spaced supports, courses of straight tiles suspended from said supports, interposed courses of tiles suspended between the courses of straight tiles and having angularly extending lower ends positioned in overlapped relation to the ends of two adjacent straight tiles to provide bonded joints in the longitudinal direction of said supports, and a multiplicity of interengaged projections and recesses on contacting faces of the tiles which are positioned transversely of said supports and arranged close to one another and each comprising but a small fraction of the tile's area and thickness to prevent dropping out of portions of the tiles that may be cracked incidental to expansion and contraction in a direction transversely of the supports.

2,105,905
ROW CROP MULCHER
Gail Challis, Russell Springs, Kans., assignor of one-half to T. T. Logan, Russell Springs, Kans.
Application May 7, 1937, Serial No. 141,262
3 Claims. (Cl. 47—8)



1. A row crop mulcher, comprising in combination with a vehicle in the nature of a spreader having a rearwardly travelling conveyor and provided with an operating sprocket, an end gate over said conveyor, said end gate having a discharge opening therein, an adjustable door for regulating discharge through said opening, a hood extending rearwardly from said end gate, a conveyor frame having a pivotal connection with said vehicle, cover discs for travelling in a lister furrow and adjustably mounted at the end of said conveyor frame, a rearwardly operating mulch conveyor carried by said frame and driven from said sprocket and a cover over said mulch conveyor extending from a position beneath said hood downwardly to deposit mulch from said spreader's conveyor in the bottom of a furrow in advance of said cover discs.

2,105,906
SUBSTITUTED SECONDARY AMINES AS ANTIOXIDANTS FOR DETERIORABLE ORGANIC COMPOSITIONS
Albert M. Clifford, Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application December 7, 1932, Serial No. 646,218
27 Claims. (Cl. 18—59)

1. A method of preserving rubber which comprises incorporating therein an age-resister comprising an alkyl amino di-hydrocarbon ether.

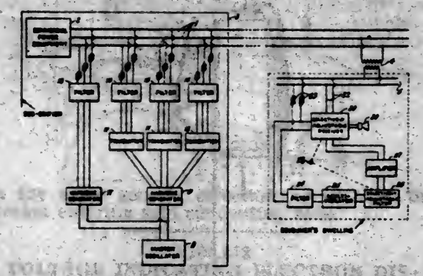
2,105,907
DIFFERENTIAL CONCENTRATION OF NON-METALLIC MINERALS
Arthur Crago, Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application February 15, 1933, Serial No. 656,987
5 Claims. (Cl. 209—167)

1. A process of differential concentration which comprises agitating a pulp, nearly free from slimes, of suitably divided particles of an ore of the class consisting of phosphate-calcite-silica ores, fluorspar-calcite-silica ores, and fluorspar-barite-silica ores, in the presence of a fraction of one per cent of a free fatty acid and a fraction of one per cent of a substantially insoluble and unsaponifiable oil, without added alkali or other agent capable of substantially affecting its pH value; and separating in the case of a phosphate-calcite-silica ore a concentrate relatively rich in phosphate and relatively poor in calcite-silica, in the case of a fluorspar-calcite-silica ore a concentrate relatively rich in fluorspar and relatively poor in calcite-silica, and in the case of a fluorspar-barite-silica ore a concentrate relatively rich in fluorspar and relatively poor in barite-silica.

2,105,908
VULCANIZATION OF RUBBER
Howard L. Cramer, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 16, 1935, Serial No. 6,826
22 Claims. (Cl. 18—53)

21. The process of treating rubber which comprises vulcanizing in the presence of the reaction product of an aldehyde and an amine selected from the group consisting of the primary and secondary hydrogenated furyl amines, hydrogenated furfuryl amines and hydrogenated 2-furyl ethyl amines.

2,105,909
CARRIER SUPPLY SYSTEM
Robert D. Duncan, Jr., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y., a corporation of Delaware
Application August 1, 1936, Serial No. 93,908
2 Claims. (Cl. 179—15)



1. In a transmission system in which a plurality of modulated suppressed-carrier high-frequency bands and carrier replacement high frequency waves are transmitted to a receiving point as discrete frequencies, receiving apparatus comprising, a receiver selectively operable to receive any one of said plurality of modulated suppressed-carrier high-frequency bands, means responsive to said replacement carrier waves for supplying to said receiver any one of several replacement carrier frequencies corresponding to the carrier suppressed from said modulated high-frequency bands received by said receiver, and common control means for operating said last mentioned means and said receiver so that when a particular modulation band is received by said receiver, said last mentioned means operates to supply thereto a corresponding replacement carrier frequency for intelligibly reproducing the desired modulation by said receiver.

2,105,910
DOLL HEAD
Frank Fenton and Howard M. Dodge, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application November 10, 1932, Serial No. 642,060
21 Claims. (Cl. 46—169)



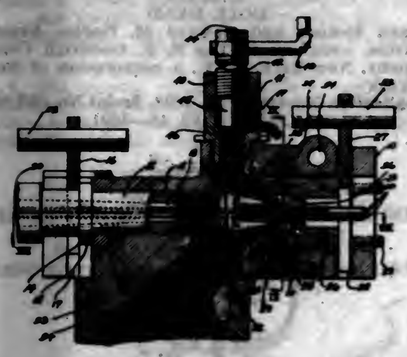
1. A hollow doll head comprising a pliable elastic wall having its outer surface formed to provide a pair of apertured facial elements, a rigid casing member for supporting and exposing a pair of supplementary facial elements at said apertures, and means extending inwardly of the head from said pliable wall and attached thereto adjacent the eye sockets for retaining said rigid member.

2,105,811
HAIRPIN DISPENSER
Michael Frank and David Willinger, Freeport, N. Y.
Application September 29, 1936, Serial No. 103,941
3 Claims. (Cl. 312—30)



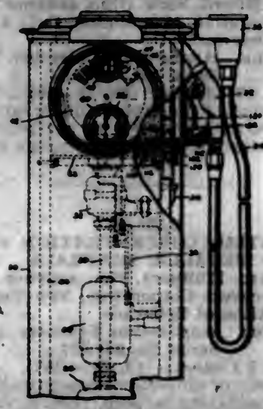
1. A dispenser for hairpins comprising, a hopper, a feed screw extending upwardly into said hopper, a follower on the upper end of said screw operative by said screw to elevate the contents of the hopper, a toothed wheel at the bottom of the hopper threaded onto said screw and operative to elevate the same, a magnet swingably mounted at one side of the hopper for movement over the same to attract the contents therefrom, and means for swinging said magnet and operating said wheel including a foot pedal.

2,105,812
BEAD WIRE DIE
John T. Gordon and Robert W. Snyder, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
Application August 29, 1935, Serial No. 38,419
9 Claims. (Cl. 18—13)



4. The method of continuously forming insulated bead wires which comprises the steps of moving each of a plurality of wires to be insulated through separate guide openings of slightly larger all-around cross-section than said wires, whereby the wires may be moved through said openings with a clearance space entirely around same, the wires being moved to and through said openings in straight lines substantially coincident with the axes of the respective openings, continuously supplying rubber to said wires immediately in advance of said openings to coat the wires on all sides to thereby maintain the wires spaced from the walls of the openings as they pass through said openings, thereafter passing said rubber-coated wires through a single opening spaced from the first-mentioned openings and of greater cross-section than the combined cross-section of the wires and supplying rubber under pressure to said wires in the space between the first- and second-mentioned opening, to form an integral coating embracing all of said wires.

2,105,813
FLUID DISPENSING APPARATUS
Harry T. Gess, Rutherford, N. J., assignor to L. N. S. Corporation, New York, N. Y., a corporation of Delaware
Application May 8, 1931, Serial No. 536,108
26 Claims. (Cl. 261—95)



1. In fluid dispensing apparatus having fluid flow establishing means and fluid metering means, in combination, index means, the movement of which away from a constant initial position is proportional to the amount of fluid passed through the metering means, means to initiate the operation of the flow establishing means controlled by the index means at its initial position and means to halt the flow of fluid controlled by the index means at its extreme position of movement.

2,105,814
FOLDING ELECTRIC STOVE
Constantine F. Lent, New York, N. Y.
Application February 11, 1936, Serial No. 63,294
9 Claims. (Cl. 219—19)



1. In a device of the class described comprising an electric stove having adjacent boxlike members hinged together, each member containing heating elements; an electric wire service outlet connected into one of said boxlike members; a flexibly slidable electric connection included in the circuit with said service outlet, a wire winding loosely surrounding said wire connection, said flexible connection serving as a current lead for supplying current to the heating element in the box like member adjacent to the member into

which the service wire is connected, said electric connection being housed when said adjacent boxlike members are folded together.

2,105,815
SHIP FENDER
Elov F. Maag, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
Original application January 5, 1934, Serial No. 705,749. Divided and this application October 17, 1936, Serial No. 106,205
2 Claims. (Cl. 114—219)



1. A marine fender comprising an elongated tubular member of resilient material having an internal air space therein of substantial proportions, and a plurality of suspension means anchored at intervals in one side wall of said tubular member but not extending through said space to the opposite wall for securing the same to a pier or the like.

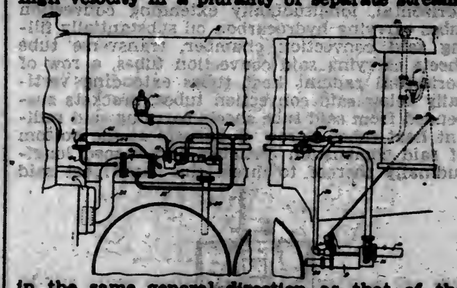
2,105,816
LOOM SHUTTLE
Samuel J. Major, Providence, R. I., assignor to Shambow Shuttle Company, Woonsocket, R. I., a corporation of Rhode Island
Application March 8, 1937, Serial No. 129,702
6 Claims. (Cl. 139—196)



1. In a loom shuttle, the combination with a thread block secured within a recess formed in said loom shuttle, of a reinforcing member having a portion located between one side of the thread block and shuttle body and held in position thereby and a portion extending rearwardly of the shuttle from said thread block and terminating in an end engaging one side of the shuttle body at a point spaced from said thread block to provide a reinforcement for that portion of the side of said shuttle body located adjacent to the thread block.

2,105,817
FEED WATER HEATING SYSTEM
Rudolf M. Ostermann, Kenilworth, Ill., and Arthur Williams, Munster, Ind., assignors to The Superheater Company, New York, N. Y.
Application August 15, 1933, Serial No. 685,263
15 Claims. (Cl. 122—32)

1. In a boiler feeding system, an exhaust steam injector, and a pump for supplying water under pressure to the injector, said injector having a water nozzle providing a plurality of passages disposed to introduce and direct the water supplied to the condensing zone of the injector at high velocity in a plurality of separate streams



in the same general direction as that of the stream entering said condensing zone.

2,105,818
VOLTAGE INDICATING ELECTRON DISCHARGE TUBE
Henry W. Parker, Toronto, Ontario, Canada, assignor to Rogers Radio Tubes Ltd., Toronto, Ontario, Canada, a corporation of Ontario, Canada
Application June 22, 1937, Serial No. 149,559
4 Claims. (Cl. 250—27.5)



1. An electronic voltage indicator comprising, a substantially evacuated envelope, one end of which is transparent, a cathode, control vanes, and an electron target disposed within said envelope with terminals therefor emerging from said envelope, said target surrounding said cathode and vanes and being insulated therefrom, the surface of said target facing said cathode being coated with carbon in the form of black soot and bearing on such coating an additional coating of substance adapted to be rendered fluorescent upon electron bombardment, said coated surface being disposed facing the transparent portion of said envelope and further electronic means enclosed in said envelope and connected within said envelope to said vanes for controlling the bombardment of said target by electrons from its associated cathode.

2,105,819
FURNACE
Ralph M. Parsons, Mount Vernon, Ohio, assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio, a corporation of Delaware
Application June 16, 1934, Serial No. 730,874
Renewed May 25, 1937
5 Claims. (Cl. 196—110)

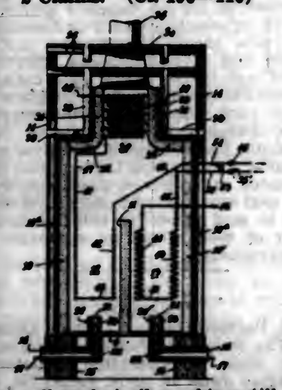
6. An upshot oil still comprising, in combination, a rectangular combustion chamber, a con-

vection chamber above said combustion chamber and formed as a continuation thereof, a bank of horizontal, longitudinally extending convection tubes carrying hydrocarbon oil substantially filling said convection chamber, transverse tube sheets carrying said convection tubes, a row of horizontal radiant heat tubes extending vertically below said convection tubes, brackets suspended from said tube sheets carrying said radiant heat tubes, a row of burners at the bottom of said combustion chamber and spaced longitudinally thereof to direct the flame past said



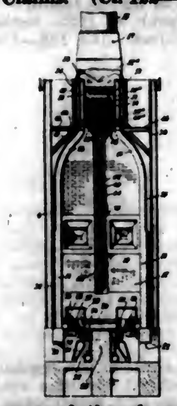
radiant heat tubes toward the lower tubes of said convection bank, and means to withdraw combustion gases from the top of said combustion chamber in substantially a direct line with said burners whereby the combustion gases pass through said furnace upwardly without substantial change in direction, said radiant heat tubes being disposed adjacent the path of the flame to receive heat both by radiation and convection for rapidly extracting heat therefrom before the flame impinges upon the lower tubes of the convection bank.

2,105,820
TUBE STILL
Ralph M. Parsons, Mount Vernon, Ohio, assignor to The Ralph M. Parsons Company, Mount Vernon, Ohio, a corporation of Delaware
Application March 2, 1935, Serial No. 8,988
2 Claims. (Cl. 196—110)



1. A two cell upshot oil cracking still comprising, in combination, side walls forming a rectangular furnace chamber, a central vertical longitudinal wall in the lower part of said furnace chamber dividing said chamber into a pair of narrow vertical combustion chambers communicating at their upper parts above said center wall, additional side walls located above said first walls and offset inwardly therefrom to form a convection chamber narrower than said furnace chamber located directly above and spaced from said center wall to receive gases equally from both combustion chambers, a hood above said convection chamber to receive combustion gases therefrom, a bank of horizontal convection tubes carrying hydrocarbon oil substantially filling said convection chamber, vertical rows of horizontal side wall radiant heat tubes adjacent said first side walls to shield the same from radiant heat and additional vertical rows of horizontal tubes on both sides of said center wall to shield the same from radiant heat, said additional rows terminating at the top of said center wall whereby an unobstructed passage is provided from said combustion chambers to said convection chamber, and a row of burners spaced longitudinally along the bottom of each combustion chamber to direct a flame upwardly between said rows of side wall tubes toward said convection tubes.

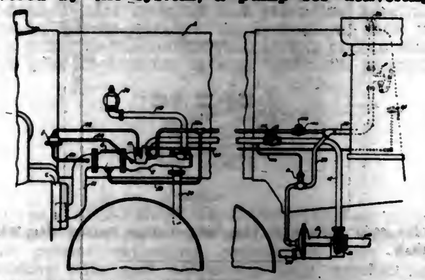
2,105,821
FURNACE
Ralph M. Parsons, Chicago, Ill., assignor to The Ralph M. Parsons Company, Chicago, Ill., a corporation of Delaware
Application August 29, 1936, Serial No. 96,939
10 Claims. (Cl. 122—356)



1. In a furnace of the class described, side walls defining a combustion chamber, additional side walls defining a convection chamber located directly above said combustion chamber, a framework located entirely outside of said walls, a bank of convection tubes in said convection chamber, tube sheets suspended from said framework and carrying said tubes, a vertical bank of radiant heat tubes located at the center of said combustion chamber, tube sheets for said radiant heat tubes suspended from said framework independently of said first tube sheets, and rows of burners on opposite sides of said bank of radiant heat tubes to direct a flame upwardly between said bank and said first side walls.

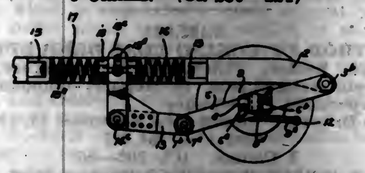
2,105,822
FEED WATER HEATING SYSTEM
Emanuel Rawson, Chicago, Ill., and Arthur Williams, Munster, Ind., assignors to The Superheater Company, New York, N. Y.
Application August 15, 1935, Serial No. 36,264
17 Claims. (Cl. 102—265)

1. A system for supplying heated feed water to a boiler including an exhaust steam injector for delivering heated feed water to a boiler, said injector having a water inlet of variable area for controlling the rate at which water is delivered by the system, a pump for delivering



water to said inlet under pressure, means for varying the area of said inlet, and automatic control means for maintaining said pressure substantially constant regardless of variations in the rate at which water is delivered by the system.

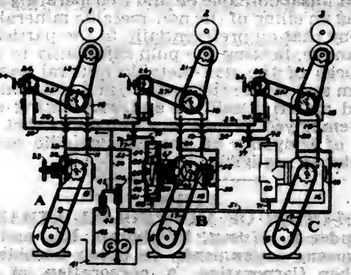
2,105,823
AUTOMOBILE FRONT END SUPPORTING MECHANISM
George L. Schofield, National City, Calif., assignor to said George L. Schofield, as trustee for Carrie L. Schofield, Georgia Louise Schofield Geer, and Elizabeth Susan Schofield Stacy-Judd, Los Angeles, Calif.
Application November 21, 1934, Serial No. 754,095
9 Claims. (Cl. 280—124)



1. In an automobile front end supporting mechanism, a pair of frame members extending substantially longitudinally of the body of the automobile, a pair of levers pivotally mounted on opposite sides of the front end of each frame member and extending downwardly and backwardly therefrom, wheels pivotally mounted intermediate the ends of each pair of said levers, bellcrank members pivotally connected between the lower backwardly extending ends of said levers and pivotally supported by said frame members intermediate their ends, and compression springs engaging the opposite sides of the one member of each of said bellcrank members and secured to said frame member.

2,105,824
SECTIONAL DRIVE
Paul Simonds, Milwaukee, Wis., assignor to The Oilgear Company, Milwaukee, Wis., a corporation of Wisconsin
Application July 2, 1936, Serial No. 88,524
14 Claims. (Cl. 271—2.3)

1. A hydraulic drive, comprising two hydraulic motors, a power pump for supplying motive liquid to each motor to drive the same, means for driving said pumps, a control pump driven in unison with each motor at a speed proportional to the speed thereof, fluid channels connecting said control pumps in series, and hydraulic means operated in response to the volumetric output of one control pump varying from the volumetric input



of the other control pump for varying the displacement of one of said power pumps.

2,105,825
PLASTIC
Claude H. Smith, Tallmadge, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
No Drawing. Application May 10, 1934, Serial No. 724,948
2 Claims. (Cl. 91—68)

1. A tank lined with a plastic combination which comprises asphalt and a rubber distillation residue which on the vertical walls of the tank will not flow at a given temperature between 0 and 200° F. and will not become brittle at a temperature 100 degrees F. below said given temperature.

2,105,826
CONCENTRATION OF NONMETALLIC MINERALS
Francis X. Tartaron, Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application October 18, 1935, Serial No. 45,599
14 Claims. (Cl. 209—166)

1. The process of concentrating non-metallic minerals from ores containing them in association with silicious matter, which comprises agitating a pulp of suitably divided particles of such a non-metallic mineral ore in the presence of a substantially insoluble and unsaponifiable oil, a fatty acid of less than thirteen carbon atoms to cooperate with said oil in effecting collection of the non-metallic mineral values, and an activating agent causing said fatty acid to have a preferential affinity for said values, said activating agent consisting of a soluble salt of a metal whose oxide does not exert an alkaline reaction when added to water, and separating a concentrate relatively rich in said values and relatively poor in silicious matter.

2,105,827
CONCENTRATION OF NONMETALLIC MINERALS
Francis X. Tartaron, Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application December 11, 1935, Serial No. 53,932
2 Claims. (Cl. 209—166)

1. A process of concentrating by flotation a non-metallic mineral included in the group consisting of phosphates, barite and fluorspar, which comprises agitating a pulp of suitably divided

particles of the ore containing the non-metallic mineral, in the presence of a substantially insoluble and unsaponifiable oil and a cooperating agent causing an oiling of the non-metallic mineral particles by that oil preferentially to the particles of the gangue, heating the pulp sufficiently to cause air flocks of the non-metallic mineral particles to form and rise to the surface, and collecting the floated material, said oil and cooperating agent being employed in such small amounts that their effect of buoyancy on the non-metallic mineral particles is negligible.

2,165,228

PRODUCTION OF MORPHOLINE ETHANOLS

Alexander L. Wilson, Pittsburgh, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

No Drawing. Application December 4, 1934, Serial No. 755,912

13 Claims. (Cl. 260—28)

1. As a new chemical compound, dimethyl morpholine ethanol, the same being a strongly basic liquid soluble in water and boiling at about 220° C. under atmospheric pressure.

2. The process of making a morpholine ethanol, which comprises reacting a $\beta\beta'$ dihalogenated dialkyl ether with ammonia, treating the resultant reaction mixture with a strong base, fractionally distilling the resultant product, and recovering from the distillate the selected morpholine ethanol.

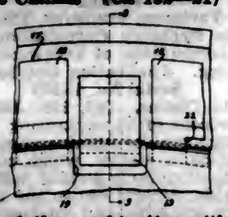
2,165,229

WHEEL, OR RIM

Alva W. Woodward, Kent, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

Application December 20, 1935, Serial No. 55,266

8 Claims. (Cl. 152—21)



1. In a wheel, the combination with a rim portion having a peripheral locking-ring-receiving groove and a transverse driving-lug-receiving recess at the edge thereof, a side flange having a driving lug extending inwardly into said recess between the side walls thereof to prevent relative rotation between said side flange and rim, and a split locking ring arranged within said groove, the ends of said locking ring being spaced apart a sufficient distance to receive said lug whereby said lug prevents substantial relative rotation between said ring and felloe and also between said ring and side flange.

2,165,230

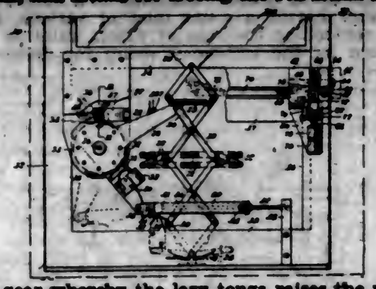
WINDOW OPERATING AND DOOR LOCKING MECHANISM

Thomas McG. Allen, Pittsburgh, Pa.

Application March 5, 1933, Serial No. 659,942

6 Claims. (Cl. 292—127)

1. In a window operating mechanism, a bell crank for raising and lowering the window, spring actuated lazy-tongs compressed by lowering of the window for automatically raising it, a gear and pinion for operating said bell crank, said gear having a releasable connection with the crank, and means for freeing the bell crank from



the gear whereby the lazy-tongs raises the window.

2,165,231

PRODUCTION OF HYDROGEN CYANIDE

Leonid Andrussow, Mannheim, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application November 23, 1935, Serial No. 51,974. In Germany November 29, 1934

5 Claims. (Cl. 23—154)

1. In the production of hydrocyanic acid by passing a gaseous mixture containing ammonia, hydrocarbons and oxygen at elevated temperatures over catalysts the use of alloys of platinum and iridium containing from about one-half per cent to about 15 per cent of iridium as catalysts in the form of gauze from wires the thickness of which is at least 0.1 millimetre.

2,165,232

METHOD OF COKING COAL BRIQUETTES

Joseph Becker, Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company, a corporation of Delaware

No Drawing. Application November 21, 1934 Serial No. 754,177

7 Claims. (Cl. 202—26)

3. A method of making briquettes from coking-coal, comprising: treating low-volatile coking-coal of under 20% volatile matter, dry basis, by pulverising it to particles mostly under 1 mm. and by limited oxidising of it, the oxidising being effected at a temperature of a range around the order of about 400° F. to promote the action and render the coal substantially non-caking and yet avoid softening of it or substantial production of gas by heat decomposition of the coal, and admixing about 7% of pitch, fluxed in at its free-flowing temperature, and briquetting the mix, and thereafter carbonising the briquettes, the carbonising being effected at a temperature range and within a time that give an end-temperature, inside the carbonising chamber, of between about 600° and 700° C. at the finish of a carbonising period of about 2 to 5 hours and leave in the finished briquettes a volatile content of an amount under a half and near a third of the amount of the volatile content of the original coal.

2,165,233

CONTINUOUS OUTLET SYSTEM

Sidney R. Feuer, Hyman Freedman, Hyman Hozinsky, and Arthur Rabinder, Brooklyn, N. Y.

Application May 2, 1936, Serial No. 78,532

2 Claims. (Cl. 247—5)

1. A continuous electrical conduit and outlet device comprising an elongated molding of solid flexible electrical insulating material having a pair of longitudinally extending laterally spaced parallel slits therein penetrating from the outer face of said molding to points short of the inner surface thereof, electrical conducting means embedded in said molding and extending longitudinally thereof adjacent the bottoms of each of said slits and exposed to the interiors of said slits and plug means for making electrical contact



with said conducting means comprising an insulating member carrying a pair of spaced conductive prongs extending respectively into said molding slits and contacting said conducting means and tongue means on said insulating member compressively engaging opposite side surfaces of said molding whereby said conductive prongs are gripped in said slits and pressed in firm engagement with said conducting means.

2,165,234

MANUFACTURE OF PIGMENT

Edmund J. Flynn, Palmerton, Pa., assignor to The New Jersey Zinc Company, a corporation of New Jersey

No Drawing. Application December 31, 1934, Serial No. 760,045

6 Claims. (Cl. 134—28)

2. The improvement in calcining a pigment containing chemically precipitated zinc sulfide with which is associated a small amount of excess sulfur which comprises adding to and intimately admixing with the pigment an amount of zinc oxide slightly in excess of that required to react with said excess sulfur to form zinc sulfide, and calcining the resulting mixture of pigment and zinc oxide at a temperature of at least 500° C. while said mixture still contains excess sulfur.

2,165,235

STERILIZING LIQUID

Georg Alexander Krause, Munich, Germany, assignor, by mesne assignments, to Katadyn Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application December 12, 1933, Serial No. 702,263. In Germany December 12, 1932

17 Claims. (Cl. 99—220)

1. The method of sterilising liquids, consisting in adding to a liquid determined quantities of carriers of oxygen such as hydrogen peroxide, and then exposing said liquid to the action of oligodynamically active metal which acts catalytically upon said hydrogen peroxide.

2,165,236

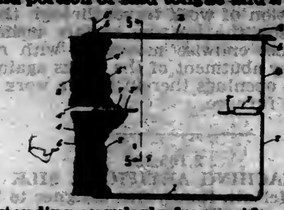
FILE FASTENER

William Lang, West Orange, N. J., assignor to The Estes Manufacturing Company, West Orange, N. J., a corporation of New Jersey

Application May 22, 1936, Serial No. 81,446

8 Claims. (Cl. 229—35)

4. The combination with a file fastener clamping member comprising a tongue having a sheet engageable portion extending through sheets to be secured together and an end portion bent angularly with respect to said engageable portion and overlying said sheets, of an extension device for said tongue comprising an engaging portion removably and frictionally secured to the bent end portion of said tongue and a tongue por-



tion extending angularly from said engaging portion and substantially in the same plane as and in alignment with the sheet engageable portion of said tongue.

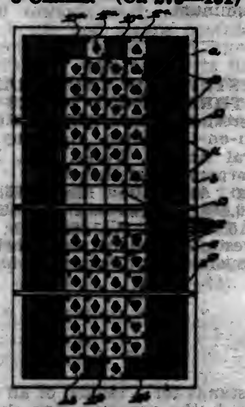
2,165,237

GAME APPARATUS

Marie S. Mayer, Vineland, N. J., and George W. Schilling, Philadelphia, Pa.

Application February 27, 1936, Serial No. 66,938

8 Claims. (Cl. 273—131)



1. Game apparatus of the checker type including a game board subdivided into checker squares of three different colors, the squares of one color being disposed in and completely filling a central field extending from the marginal row at one end to the marginal row at the other end, and the squares of the other colors being disposed alternately with respect to each other in sets of rows, one set extending along each side of the central field.

2,165,238

RAIL WEARING SURFACE

George C. McCormick, Needham, Mass., assignor to General Alloys Company, Boston, Mass., a corporation of Massachusetts

Application January 21, 1937, Serial No. 121,544

4 Claims. (Cl. 263—6)



1. In a heat treating furnace, the combination of a rail and a wearing surface member therefor, the rail having a plurality of openings therein through the top thereof, and the wearing surface member comprising a body portion overlying the rail and having a plurality of integral holding

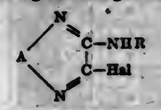
means formed thereon comprising hooks projecting downwardly from the surface member through the openings in the rail, and extending in the direction of work travel through the furnace, whereby the wearing surface member is locked against endwise movement with respect to the rail by abutment of the hooks against the walls of the openings therein during work travel through the furnace.

2,105,839
BLEACHING ARTIFICIAL SILK
Homer E. McNutt, Rome, Ga., assignor to Tubize Chatillon Corporation
No Drawing. Application July 25, 1935, Serial No. 33,664
4 Claims. (Cl. 8—2)

1. A method for inhibiting the corrosion of aluminum in the presence of an aqueous solution containing an alkali metal hypochlorite and free alkali which comprises neutralizing the free alkali content of the solution with a compound selected from the group consisting of carbonic acid, acetic acid, boric acid and borax, and bringing the solution thus neutralized into contact with the aluminum.

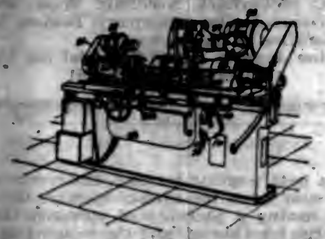
2,105,840
VAT DYESTUFFS OF THE PYRAZINOANTHRAQUINONE SERIES
Heinrich Nerenheimer and Wilhelm Ruppel, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application March 23, 1936, Serial No. 70,406. In Germany March 28, 1935
5 Claims. (Cl. 260—29)

1. Vat dyestuffs of the pyrazinoanthraquinone series corresponding to the general formula



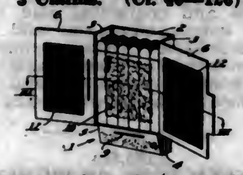
wherein A stands for a radical of an anthraquinone to which the pyrazino ring shown is attached in 1.2-position, and R for an aryl group selected from the class consisting of benzene and anthraquinone radicals.

2,105,841
AUTOMATIC LINE BEARING GRINDER
Conrad L. Ott and Harold E. Balsiger, Waynesboro, Pa., assignors to Landis Tool Company, Waynesboro, Pa., a corporation of Pennsylvania
Application July 26, 1932, Serial No. 625,386
57 Claims. (Cl. 51—72)



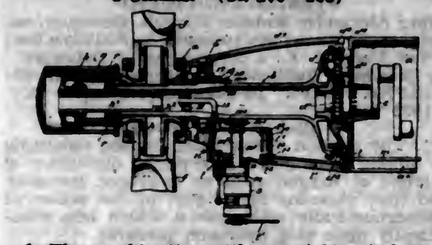
1. A machine for grinding each of a plurality of bearings of a cam shaft comprising a wheel base having a grinding wheel mounted thereon, a work carriage traversable at right angles to the plane of the grinding wheel, a back-rest on said work carriage, opposite each of the bearings to be ground, means for moving the wheel base toward and from the work, and means for moving the back-rest which is in the plane of the grinding wheel into engagement with the work, and means for effecting a movement of the back-rest synchronized with the feeding-in of the wheel base as the work is reduced in size thereby maintaining a constant pressure of the back-rest upon the work, substantially as set forth.

2,105,842
SAFETY MATCH PACKET
Oliver P. Pindell, Columbus, Ohio
Application August 10, 1936, Serial No. 95,078
3 Claims. (Cl. 40—126)



1. A paper match packet comprising a cover having a back and a pair of relatively movable front sections, a group of paper matches flatly arranged within said cover and bearing on their outer surfaces indicia printed in contrasting primary colors, and substantially transparent or translucent panels of corresponding color positioned in registration with openings formed in the movable front sections of said cover and disposed for selective juxtaposition with the indicia appearing on said matches.

2,105,843
CONTROLLABLE PITCH PROPELLER
Charles I. Preston and Harry Melville Hammill, Williamsport, Pa., assignors to Aviation Manufacturing Corporation, Chicago, Ill., a corporation of Delaware
Application November 29, 1935, Serial No. 52,151
8 Claims. (Cl. 170—163)



1. The combination with a variable pitch propeller provided with hydraulic means for varying the pitch of the propeller blades, of means for delivering lubricating oil under pressure from the engine-lubricating system, comprising a constantly open device for restraining the rate of flow of oil from the engine sufficiently to prevent substantial reduction of the oil pressure in the lubricating system to less than that required for proper lubrication of the engine, means for accumulating a sufficient quantity of oil from the flow-restricting device to operate the pitch-change means, and means for delivering oil from the accumulating means to the hydraulic pitch-changing means.

2,105,844
CONTAINER BLANK
Walter G. Reagan, Lebanon, Ind.
Application August 29, 1936, Serial No. 98,569
8 Claims. (Cl. 229—1.5)



1. A blank for conical packages, comprising a polygonal sheet of flexible somewhat resilient material, such as paper, provided at one corner with a locking tongue flanking a re-entrant notch and also having a tongue-receiving slit within that half of the blank which carries the tongue and within the quadrant of said half most remote from said tongue.

2,105,845
PRODUCTION OF ORGANIC SULPHUR COMPOUNDS
Walter Reppe and Fritz Nicolai, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application November 22, 1935, Serial No. 51,084. In Germany December 4, 1934
11 Claims. (Cl. 260—43)

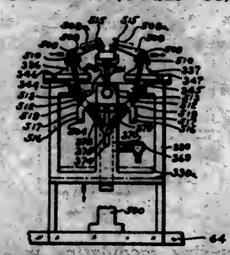
1. The process of producing organic sulphur compounds which comprises treating an organic base containing at least one reactive hydrogen atom bound to the nitrogen atom with an alkylene 1.2-sulphide below about 300° C.

2,105,846
RADIAL ENGINE
John J. O. Ballanech, New Kensington, Pa., assignor to Fred Gelden, New Kensington, Pa.
Application November 19, 1934, Serial No. 753,738
6 Claims. (Cl. 121—120)



1. In a radial engine having a casing including a plurality of radially disposed cylinders, pistons in each of said cylinders, a transversely disposed main shaft in said casing, and transmission means between the pistons and the main shaft comprising, a pair of spaced pinions keyed to the said shaft, a gyrating frame in said casing, connecting rods pivotally connected to said gyrating frame and said pistons, a pair of spaced ring gears in said gyrating frame engaging the pinions on said main shaft, a rotating disk on said main shaft having a counterweight thereon, and means for driving said rotating disk through said ring gears.

2,105,847
LABELING MACHINE
Herman Stake and Axel W. Carlson, Worcester, Mass.; said Stake assignor to said Carlson
Application August 12, 1935, Serial No. 35,744
8 Claims. (Cl. 216—54)



1. In a wiper mechanism for bottle labeling machines, a vertically reciprocable slide member, wiper supports laterally movable in transversely disposed guides on said member, a wiper on each support resiliently engageable with the bottle, means to laterally move said wipers in said guides and towards each other to a position above the bottle and means operable in timed relation therewith to vertically move the slide member with the wiper supports fixed relative thereto, causing the wipers to resiliently engage the label and wipe it into firm contact with the bottle with gradually increasing pressure.

2,105,848
METHOD FOR TREATING TOBACCO
Rush D. Teuton, Philadelphia, Pa., assignor to Warton Machine Company, Philadelphia, Pa., a corporation of Pennsylvania
Application April 11, 1935, Serial No. 15,787
5 Claims. (Cl. 24—24)

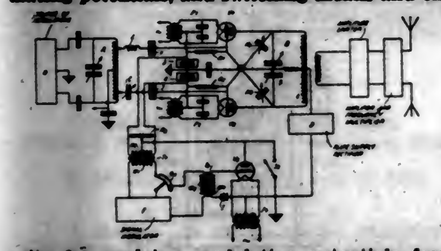


3. The method of treating tobacco which comprises first subjecting tobacco while in a moist state and at room temperature to a preliminary treatment in an atmosphere at a temperature such as to heat the tobacco and cause evolution of ammonia therein and having a relative humidity below 100% and such as to prevent deposition of moisture on the tobacco and minimize the evaporation of moisture from the tobacco and then subjecting the tobacco to an atmosphere at a temperature and having a relative humidity such as to promote the evaporation of moisture from the tobacco and while the tobacco retains a substantial amount of moisture subjecting the tobacco to an atmosphere at a temperature and having a relative humidity such as to regulate the moisture content of the tobacco to a predetermined amount of moisture.

2,105,849
PHASE MODULATION
George Lindley Usselman, Port Jefferson, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application November 12, 1934, Serial No. 752,629
8 Claims. (Cl. 179—171)

3. Phase or amplitude modulating means comprising, a pair of thermionic tubes each having an

anode, a cathode, and a control electrode, a circuit adapted to be energized by wave energy of carrier wave frequency, phase shifting means connecting different points on said circuit to the control electrodes of said tubes, a source of modulating potentials, and switching means and cir-



cuits for applying modulating potentials from said source in phase opposition to the cathodes of said tubes or in phase to the anodes of said tubes, or both in phase opposition to the cathodes of said tubes and in phase to the anodes of said tubes.

2,105,850

PROCESS FOR THE REFORMING OF GASOLINE DISTILLATE

Adrianus Johannes van Peski, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application June 22, 1936, Serial No. 86,584. In the Netherlands July 10, 1935

11 Claims. (Cl. 196—52)

1. In the process of reforming gasoline distillates to improve their antiknock rating, the steps comprising contacting a gasoline distillate of low antiknock rating at a reforming temperature between 225° and 500° C. with a reforming catalyst in the presence of a small quantity of a tertiary alkyl halide for a time sufficient to effect reforming without forming a substantial amount of gas.

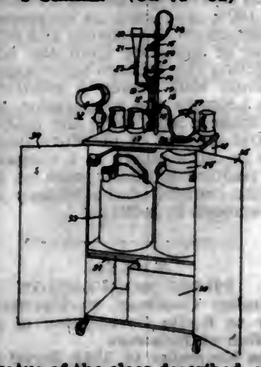
2,105,851

LUBRICANT DEMETALLIZER

Arnold C. Vobach, Whiting, and Matthew Fairlie, Hammond, Ind., assignors to Sinclair Refining Company, New York, N. Y., a corporation of Maine

Application September 22, 1936, Serial No. 101,904

5 Claims. (Cl. 73—51)



1. Apparatus of the class described, comprising an upright glass tube, an inlet for introducing fluid to be tested into the upper portion of the tube, an outlet for withdrawing fluid from the lower portion of the tube, a magnetized element extending downwardly into the tube in the path of travel of fluid from the inlet to the outlet for collecting metal particles contained in fluid passing through the tube, and a well communicating with the interior of the tube and disposed below the outlet for collecting non-metallic solids contained in fluid passing through the conduit.

2,105,852

MANUFACTURE OF THREADS FROM VISCOSE

Walther Zetzsche and Erich Graumann, Premnitz, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

Application June 12, 1936, Serial No. 85,967

In Germany June 27, 1935

5 Claims. (Cl. 18—54)



1. A process of producing curled staple fibers from viscose which comprises spinning viscose into a precipitating bath in which the viscose is decomposed only to cellulose xanthate, subjecting the xanthate threads to a mechanical curling operation, decomposing the xanthate threads to threads of cellulose hydrate and cutting the threads to staples.

2,105,853

GOLF BAG

Alan M. Brodie, Richmond, Va.

Application May 16, 1936, Serial No. 80,159

1 Claim. (Cl. 150—1.5)



A golf bag comprising a body and a bottom secured to the lower end thereof, said bottom having a perforate club-supporting surface and an annular depending flange adapted to be detachably connected to the bag body, the club-supporting surface of said bottom being formed with a plurality of relatively large openings, the material intermediate said openings being downwardly inclined toward said openings.

2,105,854

BUILDING

Frederick W. Bunk, Washington, D. C.

Application April 2, 1937, Serial No. 134,962

7 Claims. (Cl. 72—1)

1. In a building of the character described, a wall structure including vertical posts, and head and base rails, wall plates mounted between the posts and rails, an expansible joint between the vertical sides of the plates and the upper ends of the plates and head rails, each joint including an inter-fitting connection between the rails and



plates and a folded metallic strip having the free edges thereof respectively secured to adjacent edges of relatively movable parts with the folded portion of the strip being confined in the inter-fitting connections and presenting flatly contacting relatively movable portions.

2,105,855

DRY SHAVER

Charles Cuba, Brooklyn, N. Y.

Application February 6, 1937, Serial No. 124,730

16 Claims. (Cl. 30—43)



1. In a dry shaver, a guard plate head having a tubular shank, a blade carrier, a wafer blade carried by said carrier and having a cutting edge, means pivotally mounting said carrier on an axis parallel to the cutting edge of the blade, said blade carrier including an arm located in said shank and a carrier plate located over said guard plate head, means for rocking said blade carrier on its pivot and reciprocating it along its pivot axis, and a cover mounted on said guard plate over said pocket.

2,105,856

INSECTICIDAL OIL

Lyle R. Coleman, McAllen, and Gerald L. Cowley, Alamo, Tex.

No Drawing. Application March 21, 1935, Serial No. 12,130

1 Claim. (Cl. 196—149)

A new insecticidal oil, non-toxic to vegetation, consisting of a distillate fraction from crude petroleum oil which is characterized by having a viscosity of from 65 to 200 seconds Saybolt at 100° F., a specific gravity between .9000 and .9600, distilling between 500° F. and 800° F., and yielding an unsulphonated residue of between 60 and 85 percent.

2,105,857

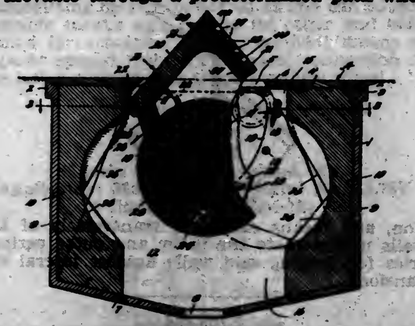
TRAFFIC SIGNAL DEVICE

George T. Darby, Jacksonville, Fla.

Application January 2, 1936, Serial No. 57,206

13 Claims. (Cl. 40—135)

6. A traffic signal comprising a movable frame, said frame including a normally erect signalling element and a counterweight constituting a shock absorbing medium adapted to return said element to its normal position after depression, two spaced pivots for said frame, either of which is movable through a predetermined path when



the other functions as a pivot, means in connection with said pivots for directing their respective movements alternately through said predetermined path depending upon the direction of the depressing force.

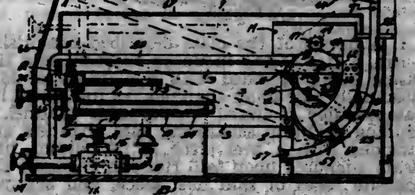
2,105,858

TOASTING MACHINE

William A. Graham, Houston, Tex.

Application December 19, 1936, Serial No. 116,330

16 Claims. (Cl. 53—5)



1. A toasting apparatus comprising, in combination, a gas burner, a fuel line for said burner leading from a source of fuel under pressure, a normally closed valve interposed in said line, a carriage for the article to be heated, means for supporting the carriage for movement toward or from the burner, said valve and supporting means for the carriage having coacting parts to open the valve for fuel flow to the burner when the carriage is substantially at the limit of its movement in one direction, releasable means for holding the carriage at such limit of its movement, and means under control of the fuel flowing through the fuel line for releasing said means to allow the carriage to move in the opposite direction to a second position.

2,105,859

SAFETY VEHICLE TIRE

Joseph J. Hruska, Milwaukee, Wis.

Application September 30, 1936, Serial No. 103,430

3 Claims. (Cl. 152—10)

1. A safety rim of the class described formed from sheet metal and the like, comprising an annular member, said annular member comprising a pair of substantially parallel walls having an integral connecting bead portion along the outer peripheries thereof and forming a continuation of the walls, the inner edges of the walls being flared outwardly, means spanning the

inner peripheries of the walls and connected thereto for firmly bracing the walls at their inner ends and holding the same in firm spaced rela-



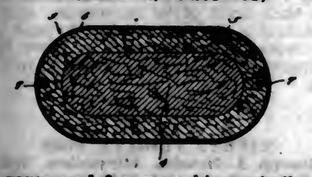
tion, and means extending transversely of the walls intermediate the inner and outer peripheries for holding said walls against lateral expansion.

2,105,860
TIRE
Joseph J. Hruska, Milwaukee, Wis.
Application July 3, 1935, Serial No. 29,728
5 Claims. (Cl. 152—22)



1. A device of the class described comprising a rim, a tire casing mounted thereon, said tire casing being provided with a plurality of longitudinally extending channels, an individual inflatable tube mounted within each channel, a dividing partition separating said channels and provided with a heel piece at its bottom, heel cleats anchored upon said rim and engaging the opposite faces of said heel piece, and bearings carried by the heel cleats for contacting with the heel piece and supporting the heel piece in a manner to reduce friction to a minimum between the heel cleats and the heel piece.

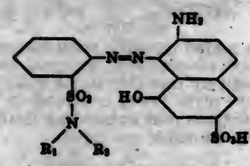
2,105,861
PASSING BALL
Joseph Klecka, Downers Grove, Ill.
Application June 12, 1937, Serial No. 147,959
1 Claim. (Cl. 273—58)



In a game and fun provoking missile, a hand ball comprising a padded filler of sawdust, a surrounding layer of raw cotton contained within said core, and an outer soft surfaced jacket having plush-like finish and constituting a protective covering for said sawdust and said cotton, said sawdust filler, cotton and confining jacket being compressed to form a soft hand ball, and having a flat-like form, the sections of said jacket being sewed together.

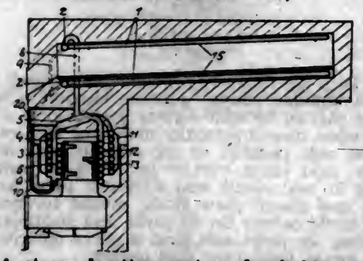
2,105,862
RED AZO-DYESTUFFS AND A PROCESS FOR THEIR MANUFACTURE
Oskar Knecht and Theodor Wirth, Basel, Switzerland, assignors to the firm of Chemical Works, formerly Sandoz, Basel, Switzerland
No Drawing. Application November 9, 1935, Serial No. 49,110. In Switzerland November 21, 1934
2 Claims. (Cl. 260—92)

1. Red monoazo-dyestuffs of the general formula:



wherein R_1 stands for a benzene nucleus and R_2 represents an unsubstituted alkyl group, said dyestuffs being in the dry state red to brown-red powders, soluble in water with a red coloration and dyeing animal fibres red shades of excellent fastness properties.

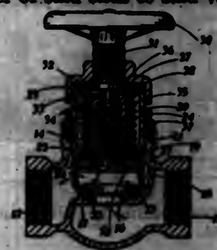
2,105,863
STEAM BAKING OVEN
Wilhelm Pfeiffer, Topl, near Karlsbad, Czechoslovakia
Application September 23, 1936, Serial No. 101,996
In Austria July 27, 1935
4 Claims. (Cl. 237—67)



1. A steam heating system for baking ovens comprising in combination, a tubular boiler, heating tubes, tubular connections between said boiler and the heating tubes to form a closed pressure proof heating circuit, a separator for the water and steam, and the water tubes of said boiler having the ends thereof interconnected with said separator for the water and steam mixture, a common collecting tube, said heating tubes being connected thereto, and one of said tubular connections forming the steam supply pipe communicating with one end of said collecting tube, and the other of said tubular connections forming the condensate discharge pipe communicating with the other end of said collecting tube.

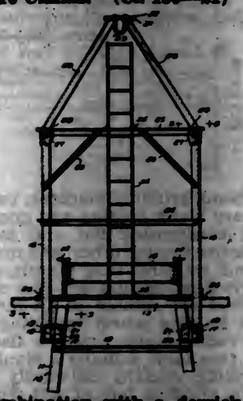
2,105,864
FLUID-CONTROLLING VALVE
Philip Keith Saunders, Wolverhampton, England
Application October 16, 1936, Serial No. 106,038
In Great Britain November 30, 1935
7 Claims. (Cl. 251—31)

1. In a valve, a valve body, an axially-movable valve member, a metal bellows the ends of which are maintained substantially cylindrical, concentric rings for clamping one of said ends to said valve body, other concentric rings for clamping the other of said ends to said valve member,



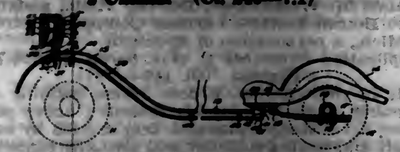
one of said rings at each end being flexible, and means for radially distorting said flexible rings during the clamping.

2,105,865
GIN POLE FOR DERRICKS
William Schwemlein and Samuel B. Settle, Parkersburg, W. Va., assignors to The Parkersburg Rig & Reel Company, Parkersburg, W. Va., a corporation of West Virginia
Application October 15, 1935, Serial No. 45,130
16 Claims. (Cl. 189—21)



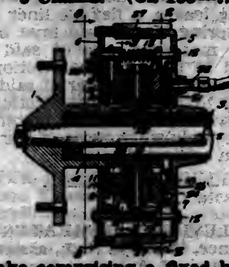
1. The combination with a derrick, of a gin pole comprising a plurality of lower legs secured adjacent their lower ends to the upper end of the derrick, a plurality of upper legs having their lower ends secured to the upper ends of said lower legs and converging toward their upper ends, and supporting means carried by the upper ends of said upper legs.

2,105,866
HEADLIGHT CONTROL MEANS FOR MOTOR VEHICLES
Milton W. Shaeffer, Hanover, Pa.
Application May 25, 1936, Serial No. 81,482
5 Claims. (Cl. 240—7.1)



1. Headlight control mechanism for a motor vehicle comprising a headlight, movable means connected to the headlight for vertically moving the beam thereof, resilient means connected for vertical movement with a wheel of the vehicle with respect to the body thereof, and motion transmitting means connected at one end to said movable means and having its other end connected for actuation by said resilient means at a point spaced from the point of connection of the latter with said vehicle wheel.

2,105,867
BRAKE
Marvin Stewart, Ashland, Ky.
Application May 25, 1936, Serial No. 81,767
3 Claims. (Cl. 188—72)



1. A brake comprising a fixed brake housing, a tubular member extending out of said housing and fixed to a wheel hub, a braking plate splined to said tubular member, floating brake linings arranged at opposite sides of the braking plate, pressure plates arranged opposite the brake linings and slidably supported in the brake housing, means acting to urge the pressure plates away from the brake linings, a chamber formed in the housing and adapted to receive fluid pressure of a brake operating mechanism, a diaphragm carried by said chamber and acted upon by the fluid pressure, a rib formed on the diaphragm to contact one of the pressure plates, cams formed on the other pressure plate, an adjusting plate mounted to the housing for a limited rotation, cams formed on the adjusting plate to coact with the first-named cam in adjusting the last-named pressure plate, and providing a stop therefor, and means for adjusting said adjusting plate.

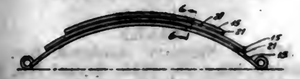
2,105,868
TYPEWRITER STAND
Arvine N. Thomas, Canton, Ohio, assignor to James P. Ward, Jr., Chicago, Ill.
Application June 14, 1937, Serial No. 148,198
6 Claims. (Cl. 311—1)



1. In a knock-down typewriter stand or table, front and rear leg frames, each including vertical corner legs and horizontal cross bars connecting the legs adjacent the upper and lower ends thereof, a foot board detachably connected at its ends to the lower cross bars, side aprons detachably connected to the upper ends of the legs of each

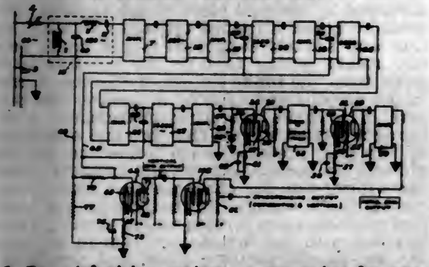
leg frame, a table top removably supported on the leg frames, and a shelf slidably mounted in the side aprons.

2,105,569
VEHICLE SPRING
Tom H. Thompson, Detroit, Mich.
Application April 16, 1935, Serial No. 16,618
14 Claims. (Cl. 267—47)



1. A leaf spring assembly comprising superimposed spring leaves, a flexible liner interposed between the spring leaves, said liner being composed of two materials, one of said materials being adapted to increase the friction between the spring leaves and the other of said materials being adapted to decrease the friction between the spring leaves, one of said materials being arranged to act only when parts of the other material has been subjected to wear.

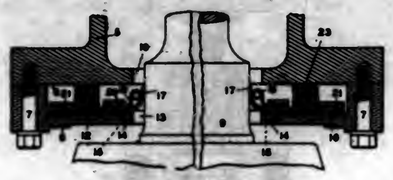
2,105,570
TELEVISION APPARATUS
Arthur W. Vance, Camden, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 23, 1934, Serial No. 727,091
10 Claims. (Cl. 178—7.1)



1. In a television system, a generator for producing synchronizing impulses, said generator being located at the television transmitter and comprising a source of alternating current having a certain frequency, means for multiplying said frequency to produce a sine wave current having a comparatively high frequency, and means for selecting only the peaks of said sine wave to produce said synchronizing impulses.

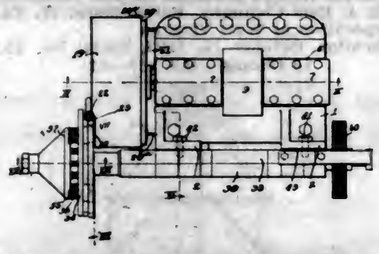
2,105,571
OIL AND DUST SEAL FOR JOURNAL BOXES
Albert Vigne, Webster Groves, Mo., assignor to National Bearing Metals Corporation, St. Louis, Mo., a corporation of New York
Application March 20, 1936, Serial No. 69,750
5 Claims. (Cl. 286—6)

1. In a device of the class described, a sealing unit for use with a journal box provided with a channel and also cooperating with an axle projecting into said box through an opening of such size as to permit relative movement between the axle and box; said unit comprising a sealing plate, a flexible sealing sheet contacting with the axle throughout its periphery to form an oil seal and with a wall of the box, lugs on the sealing plate cooperating with a wall of the channel to prevent rotation of the plate, said lugs permitting relative vertical movement between the plate and box but preventing substantial horizontal movement between said parts, and an ex-



pansion member holding the sheet against a wall of the channel.

2,105,572
GRINDING MACHINE
Arthur L. Warner, Carpentersville, Ill., assignor to Illinois Iron & Bolt Company, Carpentersville, Ill., a corporation of Illinois
Application July 23, 1934, Serial No. 736,534
3 Claims. (Cl. 51—124)

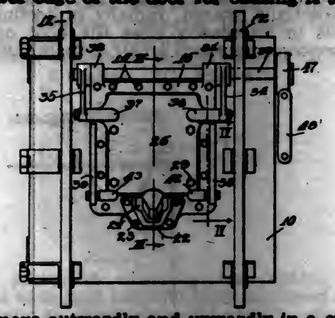


2. In a blank grinding machine, partially overlapped rotary blank holding and grinding wheels presenting confronting flat end faces inclined slightly relative to each other, and means for supporting and rotating said wheels so that the blanks carried on the flat end face of said blank holding wheel are rotated in an inclined plane, said blank holding wheel including a plurality of spaced radial blank supports fixedly carried on its end face each defining a blank supporting seat extending radially outwardly toward the plane of the grinding face of said grinding wheel, and clamping means for holding the blanks on said supports, the grinding arc of movement of each blank being substantially coextensive with the overlap of said wheels and the inclination of said inclined plane being such to progressively cause only the edge of each blank to be fed transversely closer to said grinding face as the blank is rotated through said grinding arc and to bring the blank edge to be ground into closest cooperation with said grinding face as the blank is traveling the last quarter of said grinding arc.

2,105,573
DOOR AND OPERATING MECHANISM
Claude M. Weinheimer, Detroit, Mich., assignor to Detroit Electric Furnace Company, Detroit, Mich., a corporation of Michigan
Application December 3, 1934, Serial No. 755,744
2 Claims. (Cl. 110—176)

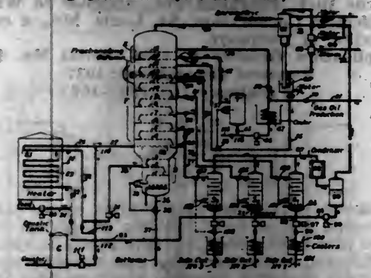
1. In combination, a door frame defining an opening, a shaft rotatably mounted above said door, a vertically swingable arm carried by said shaft and having its outer end pivotally connected to the door adjacent its upper edge, whereby the upper edge of the door is moved outwardly and upwardly away from said opening in an

arcuate path, and inclined slot guide means for the lower edge of the door for causing it to ini-



tially move outwardly and upwardly in a curved path and thereafter in a straight line path.

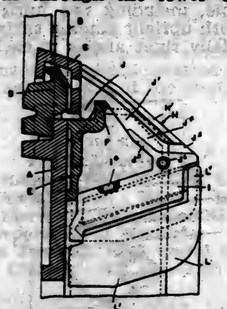
2,105,574
PROCESS FOR PREVENTING CORROSION IN THE DISTILLATION OF HYDROCARBON OIL
Blair G. Aldridge and Edward G. Ragatz, Los Angeles, Calif., assignors to Union Oil Company of California, Los Angeles, Calif., a corporation of California
Application July 16, 1934, Serial No. 734,529
3 Claims. (Cl. 196—25)



1. In a process for distilling oil, the steps comprising heating the oil in a heating zone, withdrawing the heated oil from the heating zone and then commingling caustic alkali solution with the said heated oil, introducing the heated oil together with the said commingled caustic alkali solution into a separating zone where vaporization takes place and vapors and unvaporized oil are separated, withdrawing at least a portion of the unvaporized oil containing caustic alkali from said separating zone and commingling said withdrawn oil containing caustic alkali with oil being heated in said heating zone.

2,105,575
APRON TUYERE FOR STOKERS
Royce L. Beers, Birmingham, Mich., assignor to Detroit Stoker Company, Monroe, Mich., a corporation of Michigan
Application October 7, 1935, Serial No. 43,949
13 Claims. (Cl. 110—75)

1. In a furnace, the combination with a furnace wall, of an apron tuyere detachably engaging said wall and projecting into the furnace chamber, said unit comprising an apron portion extending rearward and downward from said wall, a return-portion extending forward to said wall and together therewith and said apron portion forming an air chamber with ports opening therefrom through the lower end of said



apron, and a heat insulating unit detachably engaging said return-portion and covering the same.

2,105,576
WATER PRESSURE REGULATOR
William Thomas Birch, Chicago, Ill.
Original application March 4, 1925, Serial No. 9,313. Divided and this application November 30, 1936, Serial No. 112,499
1 Claim. (Cl. 50—23)

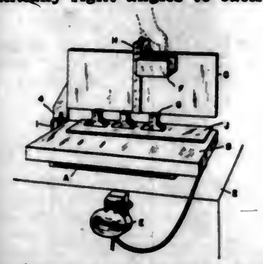


A water pressure regulator comprising a casing having an inlet and an outlet, means in said casing dividing said casing into an inlet chamber and an outlet chamber and carrying a ported valve seat, a valve movable in said inlet chamber and engageable with said seat, means in said casing connected to said valve to move said valve to open and to closed positions, respectively, with a snap action, a first cup-shaped member movable with said valve and having an outwardly extending imperforate annular wall, a second cup-shaped member secured stationary on said casing and having an outwardly extending imperforate annular wall disposed in nested relation with a wall of said first cup, the lip of one cup being in spaced-apart relation to the opposed bottom of the other cup to provide an air chamber when said valve is in open position, the opposed walls of said cup members being spaced to permit free relative movement of the cups and provide a narrow passage therebetween.

2,105,577
CORE BOX STRIPPING MACHINE
George C. Carney, Detroit, Mich., assignor to Harry W. Diefert, Detroit, Mich.
Application June 3, 1936, Serial No. 84,217
6 Claims. (Cl. 22—10)

1. In apparatus of the class described, a substantially horizontal base, a substantially horizontal core table substantially parallel to said base, yieldable means supporting the table upon

and cushioning it from the base, means for guiding a core box when manually lifted from a core on said table, including two upright members having smooth upright guiding surfaces disposed at substantially right angles to each other, one



of said members being rigidly fastened to said base, the other of said members being adjustable across the guiding surface of the first mentioned member, and a vibrator connected to one of said members.

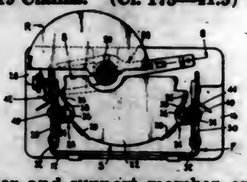
2,105,378

VARIABLE CONDENSER

Samuel Cohen, Brooklyn, N. Y., assignor to General Instrument Corporation, New York, N. Y., a corporation of New York

Application May 8, 1934, Serial No. 724,490

19 Claims. (Cl. 175—41.5)



1. A spacer and support member or comb for a variable condenser, said member comprising a holding portion or strap, and mounting lugs projecting outwardly therefrom and adapted to be secured to the frame of a condenser, said lugs being so connected to the comb as to be somewhat yieldable relative thereto.

4. A spacer and support member or comb for a variable condenser, said comb comprising a piece of sheet metal shaped and bent to form an upper holding portion or strap, a lower holding portion or strap extending in a direction parallel to but lying in a plane angularly related to the plane of the first strap, interconnecting portions bent to channel shape, and mounting lugs struck out between said interconnecting portions and adapted to be secured to the frame of a condenser, said lugs being so connected at one end only to said comb as to be somewhat yieldable relative to the comb.

12. A single ball end thrust bearing for a condenser, said bearing including an adjustable bearing plate for holding the ball bearing at the end of the condenser shaft, said plate being secured at one end to the end plate of the condenser and having an adjusting screw at its opposite end, another part of the plate having a locating lug dimensioned to fit within an aperture in the end plate.

2,105,879

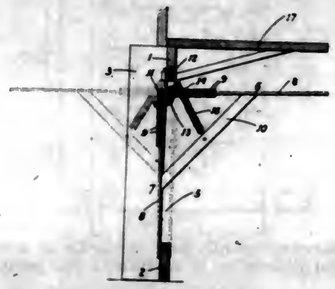
AUTOMATIC DOOR FOR TURKEY NESTS

Arthur D. De Hart, Modesto, Calif.

Application November 17, 1936, Serial No. 111,267

1 Claim. (Cl. 119—50)

A closure for a nest for fowls, comprising a frame adapted to surround a door opening, a pivot member secured on the frame, a door turnably mounted on said member and including circumferentially spaced, radially projecting door sections to alternately close the door opening, each section comprising a pair of spaced panels, a



stop for the door as each section reaches a closed position, a diagonal brace extending between the sides of the door sections on one side, and a snap action tension spring secured at one end on the frame and at the other end to the brace centrally of its ends.

2,105,880

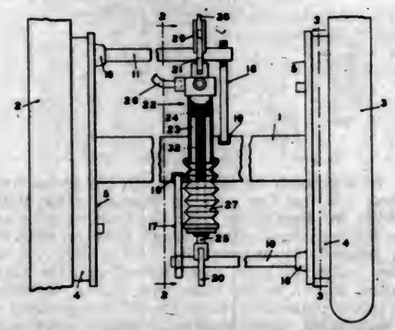
TRAILER OR TRUCK BRAKING MECHANISM

Burns Dick, Ferguson, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware

Application October 9, 1935, Serial No. 44,146

Renewed December 2, 1937

6 Claims. (Cl. 188—106)



1. In braking mechanism, the combination of a dead axle of a vehicle, a wheel at each end thereof, a brake for each wheel and comprising a drum and a cooperating friction device, supporting brackets secured to the central part of the axle and positioned on opposite sides thereof, shafts positioned on opposite sides of the axle, one end of each shaft being journaled in a bracket and the other end being supported by and connected to actuate the friction device of one of the brakes, an arm mounted on each shaft adjacent the first named end, a fluid motor interposed between and connected to the arms to rotate the shafts in opposite directions to actuate the friction devices, independently operable means for rotating said shafts, said last named means comprising a pull-rod, and an equalizing lever connected at its center to the pull-rod and at its ends to the arms secured to the shafts.

2,105,881

FRICTION TAPE WRAPPING

Donald W. Fother, Downey, Calif., assignor to Emsco Asbestos Company, Downey, Calif., a corporation of California

Application September 10, 1935, Serial No. 39,919

2 Claims. (Cl. 229—87)



1. A protective wrapping for friction tape adapted to be bent longitudinally in curved form, comprising an elongated paper sheath extending longitudinally of the tape and having its edges folded over the tape, said sheath having corrugations extending at right angles with the edges of the tape so that the sheath is longitudinally distensible in conformity with the curved surface of the tape as the tape is bent into longitudinally curved form.

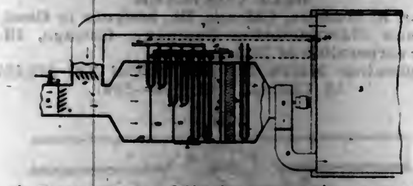
2,105,882

AIR CONDITIONING SYSTEM

Walter L. Fleisher, New City, N. Y.

Application November 6, 1934, Serial No. 751,684

4 Claims. (Cl. 257—1)



4. In an air conditioning apparatus, a conditioner having an air inlet and an air outlet, a plurality of tempering elements within said conditioner between said inlet and said outlet, different of said elements covering different portions of the cross sectional area of said conditioner, and means in addition to said elements for regulating the resistance to air flow through different portions of the cross sectional area of said conditioner.

2,105,883

ELECTRICAL SWITCH

Landon C. George, Chicago, Ill.

Application January 21, 1937, Serial No. 121,603

2 Claims. (Cl. 200—153)



1. In an electric switch mechanism, a wall plate, a shaft rotatably mounted on the wall plate, a liquid flow switch, a plate fixedly mounted on said shaft in proximity to the wall plate and providing a support for said switch, said supporting member providing an arcuate slot, a pin projecting from said wall plate into said slot to provide a stop limiting the oscillation of said supporting member, said switch being respectively in open and closed positions when said pin is positioned at opposite ends of said slot, a sleeve of cushioning material mounted on said pin, and resilient means positioned between and providing a yieldable separator for said plates adapted to hold the supporting plate against rotation unless actuated by manual rotation of the shaft.

2,105,884

PLUG CONTACT

Charles A. Hauser, Detroit, and Laurence H. Thomas, Birmingham, Mich., assignors to American Electrical Heater Company, Detroit, Mich., a corporation of Michigan

Application June 22, 1936, Serial No. 86,684

3 Claims. (Cl. 173—332)



1. An electrical contact comprising a U-shaped strip of metal having its end portions inwardly return-bent, said strip being formed of flexible material having good electrical conductivity, a low coefficient of friction at high temperatures and the oxide of which is a relatively good conductor, and a resilient reinforcing member arranged within the U and embracing the return-bent portions thereof, said reinforcing member being formed of material which retains its resiliency when subjected to heat.

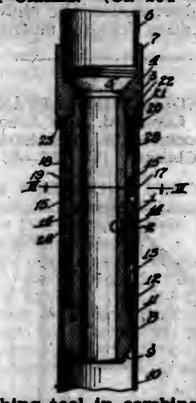
2,105,885

HOLLOW TRIP CASING SPEAR

Frank J. Hinderliter, Tulsa, Okla.

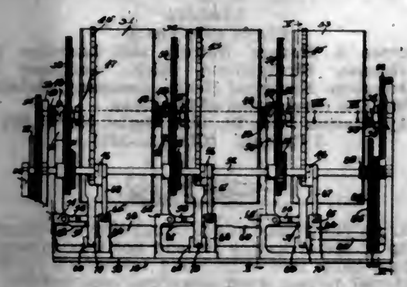
Original application March 30, 1932, Serial No. 601,951. Divided and this application January 7, 1935, Serial No. 615

4 Claims. (Cl. 294—86)



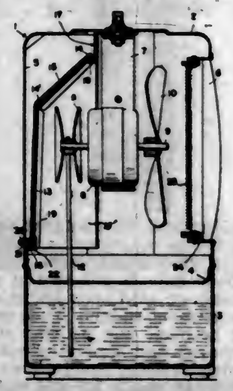
1. In a fishing tool in combination, a hollow body, clutch means surrounding said body and adapted for gripping engagement with a pipe in which said body may be inserted, a deformable packing element on said body below said clutch means, a cam element slidably fitted on said body and disposed between said packing element and said clutch means and supported solely by said packing element whereby upon downward movement of said clutch means on said body said cam element simultaneously deforms said packing element to form a fluid tight seal with the pipe surrounding the tool and expands said clutch elements into gripping engagement with said pipe.

2,105,836
SPRING MOTOR AND REFRIGERATOR DRIVE
Alexander F. Indrieri, Chicago, Ill., assignor of two percent to Edgar Bernhard, and fifteen percent to Dominick Petrunelli and Vito Scavo, all of Chicago, Ill.
Application April 1, 1936, Serial No. 72,007
2 Claims. (Cl. 185—40)



1. A spring motor comprising an elongated supporting and winding shaft rotatably secured at its ends in a frame structure, a plurality of cylindrical casings freely rotatable around said shaft, spiral springs in each of said casings affixed to the shaft at the inner ends thereof and to the casings at the outer ends thereof, dog clutch members carried by the sides of each of the casings, dog clutches slidably mounted on the shaft for engaging the clutch members, gears carried by said clutches, a drive shaft mounted alongside of said casings, gears on said drive shaft meshing with the clutch gears, means on said drive shaft for locking the casings against rotation, a cam sleeve slidably mounted beneath the casings, and means riding on said cam sleeve for engaging and disengaging the clutches and for releasing the casing locking means.

2,105,887
AIR CONDITIONING APPARATUS
George W. Langford, Ann Arbor, Mich.
Application December 16, 1935, Serial No. 54,724
9 Claims. (Cl. 183—9)

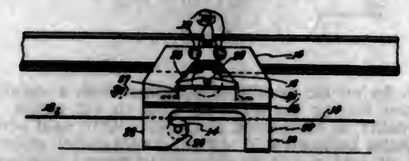


1. An air conditioning apparatus, comprising means forming an air passageway and means forming a liquid receptacle below said air passageway, means for creating a flow of air through said air passageway, a filter through which said air passes, said filter having an overhanging portion, and means below said overhanging portion for elevating liquid from said receptacle and throwing the elevated liquid directly against said overhanging portion.

2,105,888
PROCESS OF TREATING METAL
Carl F. Lauenstein and Paul F. Ulmer, Indianapolis, Ind., assignors to Link-Belt Company, Chicago, Ill., a corporation of Illinois
No Drawing. Original application April 22, 1932, Serial No. 606,907. Divided and this application March 7, 1936, Serial No. 67,702
4 Claims. (Cl. 148—14)

4. The method of coating and alloying a ferrous metal, of the group consisting of iron and steel, with silicon, which includes the steps of placing the ferrous metal, together with common salt and a source of silicon selected from the group of materials consisting of ferro-silicon, silicon and an ore of silicon, in a container, heating said container and contents to a point sufficient to break down the salt to chlorine and sodium and cause direct combination of the chlorine and silicon and free the sodium for action as a reducing agent on the ferrous metal, whereby the surface of the ferrous metal is alloyed and coated with silicon.

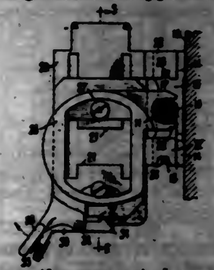
2,105,889
BELT CONVEYER
John R. Madeira, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application March 29, 1937, Serial No. 133,557
12 Claims. (Cl. 198—204)



1. In a sectional conveyer, an endless flat conveyer belt, a plurality of supporting standards, and longitudinally extending spacing members connecting said supporting standards together, said spacing members forming sides extending along said belt and having portions extending beneath and supporting the edges of said belt to prevent the spillage of material onto the lower run of said belt, and means to prevent material spilling through the joints between adjacent spacing members from collecting on the lower run of the belt comprising a collecting chute on each side of each of said standards, said chutes being disposed beneath the joints between said spacing members and arranged to discharge material away from said standards.

2,105,890
GATE LIFTER
Eugene Merfeld, Astoria, Long Island, and Albert Kindelmann, Floral Park, N. Y., assignors to International Projector Corporation, New York, N. Y., a corporation of Delaware
Application December 12, 1936, Serial No. 757,998
11 Claims. (Cl. 88—17)

1. In a film-carrying apparatus, a film-trap door, a support on which said door hangs, and manually operable means on the door movable relative to the door and independently engaging and interacting with the support for disengaging



the door from the support, by movement in a direction parallel to the face of the film.

2,105,891
AUTO-VENT
Willard L. Morrison, Chicago, Ill.
Application March 11, 1933, Serial No. 660,770
Renewed October 2, 1937
12 Claims. (Cl. 296—91)



10. An air deflecting device for automobiles comprising a transparent deflector section pivotally mounted in the window opening on an up and down axis, and upper and lower pads fitting over the reveals of the window opening for holding said section in place, whereby the deflector section may be installed without defacing the window reveals.

2,105,892
DISPENSING DEVICE
Robert E. Perry, Chicago, Ill.
Application January 27, 1937, Serial No. 122,402
14 Claims. (Cl. 221—65)



1. A powder dispensing device comprising, in combination, a hopper having an outlet, a measuring valve in said outlet, a chamber below said outlet adapted to receive an article upon which powder is adapted to be deposited, a trigger in said chamber operable upon insertion of said article, and toggle mechanism operable by said trigger to snap said valve into open and closed position.

2,105,893
HOT WATER HEATING SYSTEM
Anton Salmonson, Stapleton, N. Y.
Application May 6, 1936, Serial No. 78,113
3 Claims. (Cl. 126—362)



1. The combination with a storage tank for hot water, of a plurality of independently operable, external hot water heating elements each having at its bottom a valveless water supply connection with the bottom of the tank, and at its top a water discharge connection with the top of the tank, each of said discharge connections including a normally gravity closed valve capable of automatically opening in response to the differential in pressure created by the thermo-syphon circulation of water when the corresponding heating element is functioning to heat the water therein and of preventing reverse flow of water through the heating element not functioning, whereby either heating element may be utilized for heating water, the other element being in reserve.

2,105,894
METHOD OF PREPARING FUR FOR FELTING
Jack D. Sartakoff, Elmhurst, Long Island, N. Y., assignor to No-Mercury Felt Corporation, a corporation of New York
No Drawing. Application December 8, 1936, Serial No. 114,770
4 Claims. (Cl. 8—21)

3. The herein described method which comprises singeing the fur hairs indiscriminately while on the skin, thereafter cutting the fur from the skin, and thereafter felting the fur.

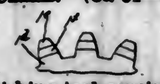
2,105,895
TILE
Otto A. Stever, Los Angeles, Calif., assignor to O. H. Kruger, San Marino, Calif.
Application March 5, 1936, Serial No. 67,244
Renewed June 23, 1937
2 Claims. (Cl. 72—18)



1. A tile made of thin sheet material having a front body of which the rear side is designed to

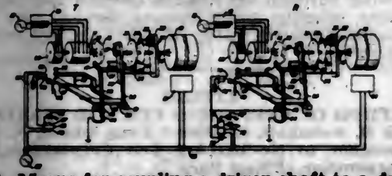
seat upon bonding material so as to form the solid surface material for the bonding material, portions integral with and extending from the body rearwardly for cutting into and thereby becoming embedded in the bonding material, and escape means in the portions in form of stamped in pieces cut sufficiently so that uncut adjoining portions project in bends towards one side of the first-named portions and thereby leaving apertures through which surplus bonding material may escape from behind the body towards the outside while the first-named portions are forced into the bonding material until the body becomes seated snugly.

2,105,896
METHOD AND MEANS FOR HONING GEARS, AND FOR TRUING THE HONING MEANS
Everard Stubbs, Springfield, Vt., assignor to The Fellows Gear Shaper Company, Springfield, Vt., a corporation of Vermont
Application January 4, 1935, Serial No. 397
3 Claims. (Cl. 51—204)



1. A gear finishing tool consisting of an abrasive member having gear teeth conjugate to those of the gear to be finished, and composed of nonmetal mineral grains suitable to abrade steel, bonded together, such grains in different zones of the tool teeth being different from one another in steel cutting capabilities.

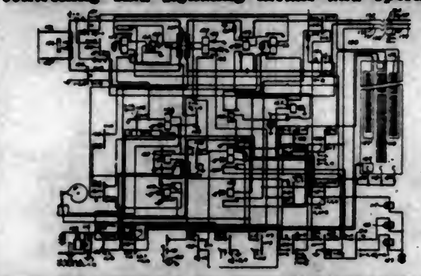
2,105,897
DRIVE FOR ROTATING ELEMENTS OF ELECTROOPTICAL SYSTEMS
Charles C. Towne, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 20, 1934, Serial No. 721,525
20 Claims. (Cl. 178—69.5)



1. Means for coupling a driven shaft to a driving shaft comprising means for causing the phase relationship between said shafts to change rapidly in one direction, and means automatically set into operation whenever the phase relationship is changing in the other direction for causing the phase relationship to change only relatively slowly in said other direction.

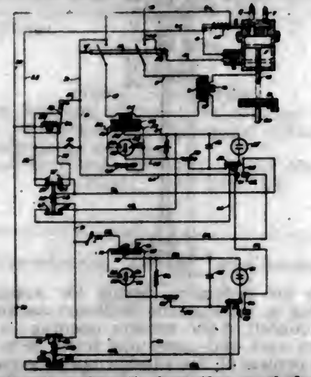
2,105,898
TELEPHONE EXCHANGE SYSTEM
Wiley Whitney, Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application February 21, 1936, Serial No. 65,032
6 Claims. (Cl. 179—27)

1. In a telephone system, an operator's position, trunk lines extending to said position, a plurality of groups of selector switches having access to said trunk lines, a cord circuit at said operator's position for connection with said trunk lines, signaling means at said operator's position and a discriminating relay at said position for controlling said signaling means and operable



only when a connection to said operator's position is established over a selector switch of one of said groups.

2,105,899
CURRENT FLOW TIMING DEVICE
David C. Wright, Euclid, Ohio, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application April 27, 1935, Serial No. 18,490
27 Claims. (Cl. 219—4)



1. Apparatus for timing the periods during which a work-circuit is closed and open, comprising: on-timing means for controlling the duration of the closed period; and off-timing means for controlling the duration of the open period between successive closed periods; the duration of one of said periods being dependent upon the magnitude of the voltage applied to one of said timing means, said one period being greater for small voltages applied to said one timing means and less for large voltages; said one timing means including means for causing termination of said one period and for effecting initial operation of the other of said timing means.

2,105,900
SHAFT BEARING
Charles C. Barber, Rockville Centre, N. Y., and Charles W. McWilliams, Kearny, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application November 20, 1935, Serial No. 50,644
2 Claims. (Cl. 308—72)

1. A support for a shaft bearing and the like comprising a rear member and a front member to support a bearing, said front member having

an upper band and a lower band, and interior pads suitably disposed along each of said bands

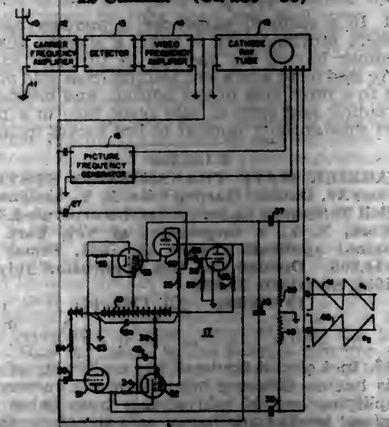


to support the bearing and flexible laterally along its surface when more than a predetermined pressure is applied to said front member.

2,105,901
FROTH FLOTATION METHOD
Frederic A. Brinker, Denver, Colo.
No Drawing. Application March 29, 1935, Serial No. 11,996
16 Claims. (Cl. 209—167)

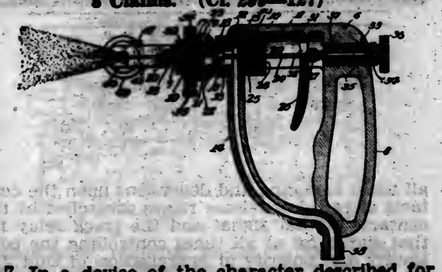
1. A method for the froth flotation separation of sulfide ores containing copper sulfide and sulfides of the class zinc and iron sulfides, comprising preparing a flotation pulp from the ore, supplying a cyanide compound thereby inhibiting flotation of the sulfides of said class, supplying sulfuric acid thereby activating depressed copper sulfide, supplying a frothing and a promoting agent, subjecting the pulp to froth flotation, and removing a copper sulfide concentrate substantially free from sulfides of said class and rejecting substantially all the sulfides of said zinc and iron class with the tailings.

2,105,902
PERIODIC VOLTAGE GENERATOR
Madison Cawein, Manhasset, N. Y., assignor to Hazeltine Corporation, a corporation of Delaware
Application February 15, 1934, Serial No. 64,022
12 Claims. (Cl. 250—36)



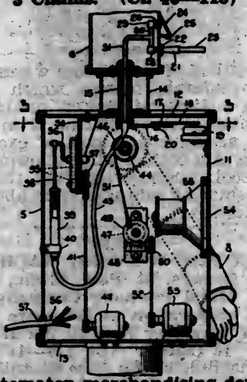
1. A periodic voltage generator comprising capacitance means, a direct-current circuit, a pair of circuits for charging said capacitance means to opposite polarities from said direct-current circuit, means for controlling said pair of circuits periodically to effect alternate charges of said capacitance means to opposite polarities, one of the circuits of said pair including two impedance means of substantially equal values and symmetrically disposed therein for the periodic current of said generator, and an output circuit in which the periodic voltages developed across said impedance means appear as balanced oppositely poled voltages.

2,105,903
SPRAYING DEVICE
Floyd O. Clisbe and Vaughn Kelly, Chicago, Ill.; said Kelly assignor to said Clisbe
Application February 12, 1934, Serial No. 710,766
8 Claims. (Cl. 299—127)



7. In a device of the character described for applying coating material of the lacquer or varnish type, the combination of a nozzle having a minute discharge orifice, means for delivering the material to the nozzle at a pressure in excess of 150 pounds per square inch for discharge through said orifice in a fine, high velocity stream, and means applied to the stream at a point directly in front of the orifice for breaking up and atomizing said stream and forming the latter into a substantially flat, fan-shaped sheet for coating purposes.

2,105,904
AUTOMATON MERCHANDISING DEVICE
Frank L. Dale, Hartsville, Ind.
Application June 20, 1936, Serial No. 86,380
3 Claims. (Cl. 46—118)

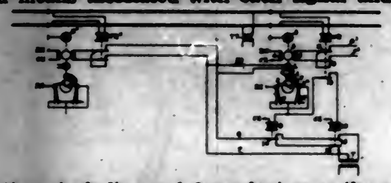


1. An automaton merchandising device including a body, a head oscillatable in a horizontal plane, a pair of arms one of which is pivoted at the shoulder of the body and movable from a point adjacent the lower extremity of the body to a position of salute and motor-actuated means associated with the body whereby upon a single movement of said arm from one position to the other, the head is timed to oscillate from front to profile and profile to front.

2,105,905
AUTOMATIC BLOCK SIGNALING SYSTEM FOR RAILROADS
Salisbury M. Day, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application September 6, 1934, Serial No. 742,953
5 Claims. (Cl. 246—39)

1. In a block signaling system, signals of the movable color screen type having contacts oper-

ated by said screen in accordance with the indication displayed by the signal, a track circuit next in advance of each signal and having a track relay, a polarized line circuit associated with each signal for controlling the signal next in the rear, and means associated with each signal and at



all times including and dependent upon the contacts of two slow release relays controlled by the contacts of that signal and the track relay for that signal for at all times controlling the continuity and polarity of energization of said line circuit for the signal next in the rear.

2,105,906
METHOD OF HOT PLATING CONTAINERS

Louis J. B. Demers, St. Paul, Minn., assignor to Superior Metal Products Company, St. Paul, Minn., a corporation of Delaware

Application October 26, 1936, Serial No. 107,601

7 Claims. (Cl. 91—70.2)



1. The method of hot plating a container having an imperforate bottom which consists in applying a coating of molten plating material to said container, then placing it in such position as to accumulate a pool of excess coating material on said bottom while allowing said container to cool progressively from the top down and then removing said pool from above while in molten condition.

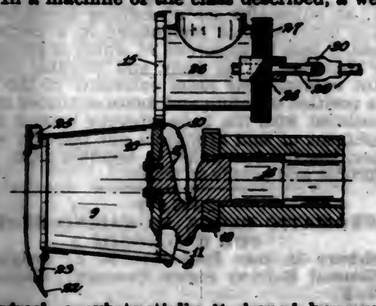
2,105,907
ELECTRIC WELDING MACHINE

Louis J. B. Demers, St. Paul, Minn., assignor to Superior Metal Products Company, St. Paul, Minn., a corporation of Delaware

Application November 25, 1936, Serial No. 112,750

10 Claims. (Cl. 219—4)

1. In a machine of the class described, a welding wheel, a substantially U-shaped horn supporting said wheel and means supporting said horn for rotation about the axis of said wheel.



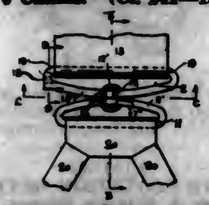
2,105,908
GARMENT SUSPENDER

James Ward Dick, High River, Alberta, Canada

Application January 2, 1936, Serial No. 57,223

In Canada September 24, 1934

6 Claims. (Cl. 241—18)



1. Braces or suspenders comprising shoulder straps, tabs for attachment to a garment and a separable swivel connection between said straps and said tabs pivoting about a vertical axis and having a slot in one member extending from a pivot hole along its base to one side and widened at the top to disengage the pivot pin and having projections or ridges formed on the inner end of the slot.

2,105,909
SUSPENDER CONNECTION

James Ward Dick, Calgary, Alberta, Canada

Application June 22, 1936, Serial No. 86,603

In Canada September 24, 1934

6 Claims. (Cl. 241—18)



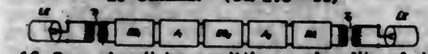
1. In a garment suspender, a member having a stem provided with a head, a shocket shaped member having an opening in the side to receive said head and a slot leading from said opening to a pivot hole in the bottom, and means for retaining said stem in said pivot hole in a position substantially normal to the socket member.

2,105,910
CARRIER WAVE TRANSMISSION SYSTEM

Homer W. Dudley, Garden City, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Original application July 31, 1931, Serial No. 554,266. Divided and this application July 25, 1935, Serial No. 33,903

19 Claims. (Cl. 178—44)



16. In a circuit transmitting a plurality of signals having different minimal levels, means for amplifying one of said signals from below the minimal level of another of said signals to above said level, and means to equalize said amplified signals.

2,105,911
PURIFICATION OF PHTHALIC ANHYDRIDE

Harold B. Foster, Williamsville, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Original application January 21, 1926, Serial No. 82,857. Divided and this application June 17, 1931, Serial No. 545,075

18 Claims. (Cl. 260—128)

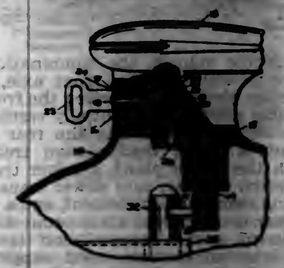
1. A process which comprises subjecting a substance selected from the group consisting of impure catalytic phthalic acid and impure catalytic phthalic anhydride to the action of a sulfuric anhydride substance selected from the group consisting of sulfuric acid, oleum and sulfur trioxide, distilling, and collecting the distillate.

2,105,913
LOCKING HANDLE FOR AUTOMOBILE HOODS

Lester K. Franklin, Chicago, Ill.

Application December 7, 1936, Serial No. 114,634

3 Claims. (Cl. 70—215)



1. In a lock for use with the hood of an automobile adapted to be opened and closed from the front portion thereof and having a bracket positioned at substantially the forwardmost top portion of the hood and a body member having a lower portion attached to said bracket, a bolt extending below the lower portion and carrying adjacent its lower end a projection, said projection adapted to normally lie within a recess of a stud anchored in the top portion of the radiator construction of the automobile so as to latch the hood against vertical movement, an upper portion forming a turnable handle, said handle attached to said bolt and adapted upon being turned to turn said bolt and move the projection out of said recess to thereby permit vertical movement of the hood, the lower portion of said body member having a hollowed out portion extending inwardly and transversely from its face, a locking cylinder housed in said hollowed out portion, said lower portion of said body member having at the rear of said hollowed out portion a vertically extending passage connecting at its lower end with a recess in the bracket, a bolt housed in said passage and having a circular recess, said locking cylinder having at its inner end a projection positioned within said circular recess, said locking cylinder adapted to receive and to be turned by a key fitted thereto, so that upon turning the key to locking position said key turns said cylinder which carries the projection downwardly to engage the lower shoulder of the bolt below the circular recess to pull the bolt down into the recess in the bracket and prevent turning of the handle, and upon said key being turned to unlocking position said key turns said locking cylinder and carries the projection upwardly to engage the upper shoulder of the bolt above the circular recess to pull the bolt above the recess in the bracket to permit turning of the handle.

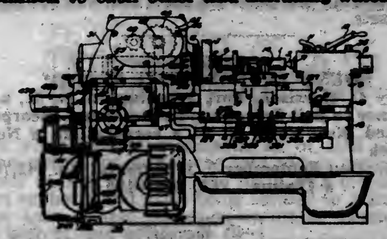
2,105,912
LATHE

Frank A. Fritzsch, Cincinnati, Ohio, assignor to The Ledge & Shipley Machine Tool Company, Cincinnati, Ohio, a corporation of Ohio

Application July 17, 1935, Serial No. 31,855

33 Claims. (Cl. 82—31)

1. The combination of a work support, a tool support, actuating means for cutting movement between said supports, a train of feeding means for feeding movements of said actuating means, forward and reverse quick traverse means for said actuating means, part of said train of feeding means and of said quick traverse means being common to each other and including automatic



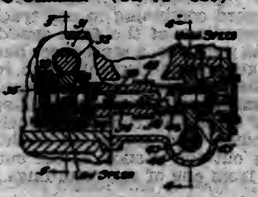
transmission relieving means in said train of feeding means operated by preponderance of speed in said quick traverse means, and cushioning means active at the end of reverse movement of said quick traverse means for positioning said actuating means at the end of its cycle of movements.

2,105,914
POWER TRANSMISSION MECHANISM

Frank A. Fritzsch, Cincinnati, Ohio

Original application July 17, 1935, Serial No. 31,855. Divided and this application May 7, 1936, Serial No. 78,433

5 Claims. (Cl. 74—389)



1. In a power transmission mechanism employing a driven member, and a plurality of drive members having drive connections with said driven member including an anchor member in one of said drive connections reacted upon by another of said drive connections, with said other of said drive connections rotatable in either direction, and also including automatic disconnecting means interrupting said one of said drive connections upon such reaction, the combination of a means automatically holding said disconnecting means in disconnecting relation at the termination of rotation in one direction of said other of said drive connections until reversal of direction of rotation of said other of said drive connections.

2,105,915
MANUFACTURE OF ATTRITION DEVICES

George Griffin, Paterson, N. J., assignor, by mesne assignments, of three-fourths to Miller P. Griffin and one-fourth to John W. Steward

Application December 30, 1935, Serial No. 56,731

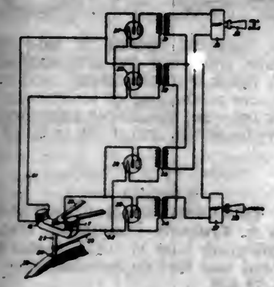
6 Claims. (Cl. 51—185)



1. The method of forming an attrition appliance which consists in softening a surface por-

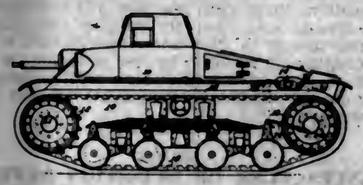
tion of a normally tough plastic substance, bringing into direct contact with each other said surface portion and a layer of grits, and pressing the grits and substance together while said surface portion still remains in softened state and maintaining the pressure until said surface portion sets.

2,105,916
SOUND REPRODUCING SYSTEM
Henry C. Harrison, Port Washington, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 5, 1934, Serial No. 742,761
8 Claims. (Cl. 179—100.4)



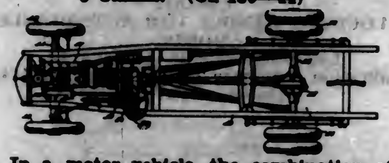
1. In a reproducing system the combination with a record combining in one track two independed recordings of the same sounds picked up at different positions, a reproducer having a stylus and two generating elements each responsive to both of the recordings and two reproducing circuits terminating in spaced loud-speaking receivers, of means for connecting each element to both circuits, and means in each circuit for balancing out the portion of the outputs of the elements from one of the recordings.

2,105,917
COMBAT VEHICLE
Arthur W. Herrington, Indianapolis, Ind., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind., a corporation of Indiana
Application August 8, 1936, Serial No. 94,983
8 Claims. (Cl. 180—9.1)



1. In a motor vehicle of the endless-tread type, the combination of the hull, a journal bearing piercing a side wall of the hull, a rock shaft journalled in said bearing with one end within the interior of the hull and its other end outside the hull, a wheel-pintle carried by said rock shaft with its axis parallel with and eccentric to the axis of the rock shaft, a belt-supporting idler journalled on said pintle, an arm carried by the inner end of the rock-shaft within the hull, and spring means within the hull and acting upon said arm to rock said shaft in one direction.

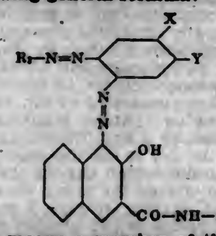
2,105,918
4-WHEEL DRIVE VEHICLE
Arthur W. Herrington, Indianapolis, Ind., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind., a corporation of Indiana
Application December 5, 1936, Serial No. 114,372
9 Claims. (Cl. 180—44)



1. In a motor vehicle, the combination of a main frame provided with a front axle, a rear axle, a traction element supporting the front axle and swingable about a substantially vertical axis, a traction element supporting the rear axle, a power plant, a power transmission train connected with the power plant, a power transmission connection between said power transmission train and the rear traction element, and a supplemental power transmission train connecting said first-mentioned power transmission train and the front traction element, said supplemental power transmission train comprising a pair of mating clutch elements, of the ratchet type, one of which is axially-shiftable relative to the other, and means for rotating said axially-shiftable clutch element and automatically axially biasing said axially-shiftable clutch element toward its fellow clutch element.

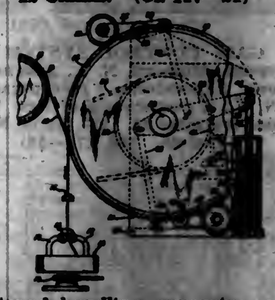
2,105,919
WATER INSOLUBLE ORTHO-DISAZO DYESTUFFS AND FIBRE DYED THEREWITH
Erwin Hoffa and Hans Heyna, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application January 27, 1934, Serial No. 708,691. In Germany February 2, 1933
8 Claims. (Cl. 260—84)

4. The water-insoluble ortho-disazo dyestuffs of the following general formula:



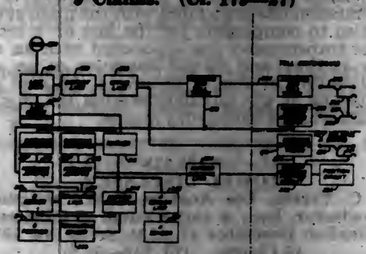
wherein R_2 means a member of the group consisting of radicals of the benzene and naphthalene series, R_1 stands for a radical of the group consisting of halogen-phenyl, dihalogen-phenyl, halogen-methyl-phenyl, nitro-phenyl, dinitro-phenyl, nitro-halogen-phenyl, nitro-dihalogen-phenyl, nitro-methyl-phenyl, nitro-dimethyl-phenyl, nitro-alkoxy-phenyl, nitro-dialkoxy-phenyl, nitro-trifluoro-methyl-phenyl, nitro-arylsulfonyl-phenyl and nitro-alkoxy-methyl-phenyl, X stands for a member of the group consisting of hydrogen, alkoxy, methyl, halogen and nitro and Y for a member of the group consisting of a methyl and alkoxy, yielding, when produced on the fiber, brown dyeings of good fastness properties, particularly of very good fastness to washing and to chlorine.

2,105,920
STRAND HANDLING APPARATUS
Vaughn L. Johannesson, Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application October 29, 1936, Serial No. 108,155
12 Claims. (Cl. 117—21)



1. In strand handling apparatus, a take-up means, a capstan for receiving strand material and delivering it to said take-up means, and means responsive to a stoppage of the take-up means and the capstan for maintaining the tension on the length of strand between the capstan and take-up means.

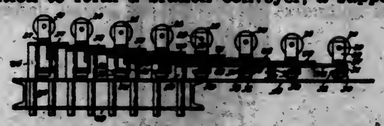
2,105,921
NUMBER CHECKING SYSTEM
Franklin A. Kerr, Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 11, 1936, Serial No. 68,256
9 Claims. (Cl. 179—27)



1. In a telephone system, a subscriber's line having a test terminal, automatic switches for establishing telephone connections with said subscriber's line, an operator's position, a connection established from said subscriber's line to said operator's position, control equipment common to said switches for directing the operation thereof, means under the control of said operator's position to seize said control equipment and means in said control equipment, responsive to seizure by said operator's position and registration of the number of said subscriber's line, to connect a checking current to said established connection over said test terminal.

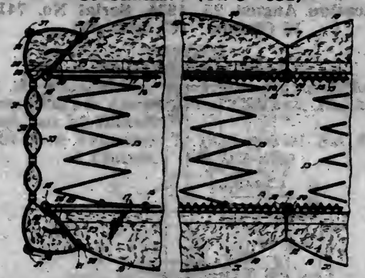
2,105,922
CONVEYER
Edward H. Maltby, White Bear Lake, Minn., assignor to Standard Conveyor Company, a corporation of Minnesota
Application November 30, 1934, Serial No. 754,721
14 Claims. (Cl. 198—36)

1. The combination with a spiral conveyer having a plurality of vertically spaced convolutions, of a switch comprising, a section of individually and laterally movable rollers for supporting loads, connected together for movement in unison and adapted to form a part of said spiral conveyer in one position and in another position to form a branch conveyer, a support-



ing plate extending beneath all of said rollers and means for supporting said rollers independently of each other on said plate, said independent supports and plate being formed to maintain the axes of said rollers substantially horizontal in both of said positions.

2,105,923
MATTRESS
Max Marsack, Milwaukee, Wis., assignor to Li-On Bedding Company, Milwaukee, Wis., a corporation of Wisconsin
Application January 28, 1937, Serial No. 122,734
30 Claims. (Cl. 5—351)



17. A mattress comprising a body of resilient material, a top pad covering the body and providing a plurality of parallel elongated cushions, and means for connecting the pad to said body at the junctures of said cushions.

21. A mattress of the kind described in combination, a spring assembly, a cover member therefor divided transversely into a plurality of individual parallel sections and attached to said spring assembly along the junctures of adjacent sections, stiffening means connected to the cover member adjacent its marginal edges, and means for securing said stiffening member and marginal edges of the cover member to the adjacent edges of the spring assembly.

27. The method of constructing a multi-cushion mattress consisting in providing a resilient core, prebuilding a cover pad made up of a plurality of plies of material secured together by lines of stitching extending through the pad and defining a plurality of associated cushions, then securing the pad to the core along the lines of stitching, tensioning the pad and securing the peripheral edges of at least one ply to the edges of the core.

2,105,924
ELECTRON DISCHARGE DEVICE
Hallam E. Mendenhall, Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 2, 1935, Serial No. 43,293
9 Claims. (Cl. 250—27.5)

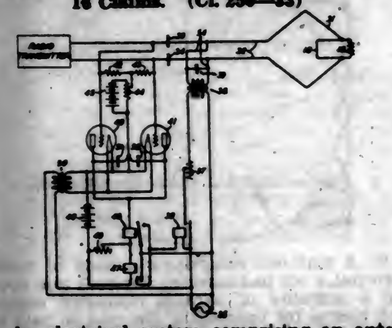
1. An electron discharge device comprising a

cathode, an output electrode including a plurality of reticulated output grids extending radially with respect to said cathode, an auxiliary



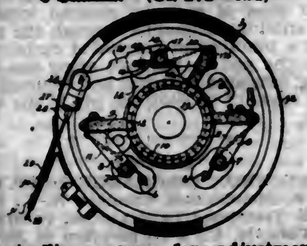
electrode including a plurality of rod members disposed between said grids, and means for producing a magnetic field adjacent said cathode.

2,105,925
ANTENNA SYSTEM
Francis F. Merriam, Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 25, 1934, Serial No. 741,356
16 Claims. (Cl. 250—33)



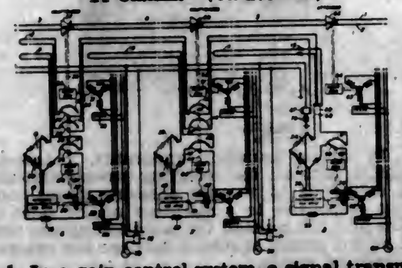
1. An electrical system comprising an antenna, a source of heating energy, and means actuated by the formation of a frozen deposit on said system for connecting said source of energy to said antenna and for discontinuing the supply of energy only after said deposit has melted.

2,105,926
MANUAL CONTROL FOR AUTOMOBILE GENERATORS
Otto Mueller, Toledo, Ohio
Application November 18, 1935, Serial No. 50,328
6 Claims. (Cl. 171—324)



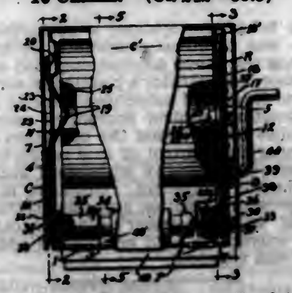
1. Controlling means for adjustment of a brush support having a pair of pins thereon, comprising a brush carrying member pivoted on one of said pins, a spring engaging the other pin and said brush carrying member, an adaptor having apertures therein removably fitting over said projecting pins on said brush support and secured thereon by said spring, and manual means for moving said adaptor from a point remote from said generator.

2,105,927
GAIN CONTROL SYSTEM
Harry Nyquist, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application November 24, 1936, Serial No. 112,461
14 Claims. (Cl. 178—44)



1. In a gain control system, a signal transmission line divided into sections, a main gain control station and auxiliary gain control stations associated with the sections of said transmission line, means at said stations for controlling the gain on the respective sections of the transmission line, emergency means for varying the gain control means at the main station not only to compensate for the loss on the section of the transmission line associated with the main station but also to compensate for the loss on a section of the transmission line associated with an auxiliary station, and means operative at an auxiliary station in case of failure of the gain control means at the auxiliary station for effecting operation of the emergency means.

2,105,928
TOWEL DISPENSER
Jay C. Perrin, Los Angeles, Calif., assignor to Towleaver, Inc., a corporation of California
Application December 17, 1934, Serial No. 757,778
16 Claims. (Cl. 242—55.5)



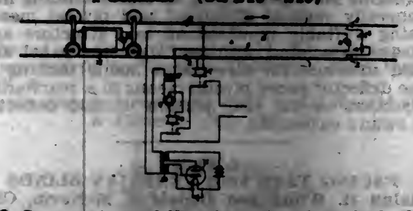
16. In a towel dispenser, a roll of towel material including a tubular core having one end fully open, and a trunnion having a portion permanently fixed to the other end of said core and a projecting portion including a flange spaced outwardly from and being substantially parallel with said other end, said projecting portion defining a bearing between the flange and adjacent the end of the roll.

2,105,930
ROLLER FEED MECHANISM FOR ROLLER BEARING ASSEMBLING MACHINES
Axel F. Rehnberg, Rockford, Ill., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Original application December 16, 1933, Serial No. 702,883. Divided and this application January 11, 1936, Serial No. 58,690
9 Claims. (Cl. 193—37)



1. A roller feeding device comprising a chute disposed so as to conduct rollers or the like by gravity from a source to a receptacle, said chute having a longitudinal passageway provided therein for said rollers having substantially parallel inner side walls at least one side wall of which is formed for broadside engagement by the rollers in planes perpendicular to the axis of the passageway at relatively close intervals in their travel through said chute to deflect the rollers substantially into parallelism.

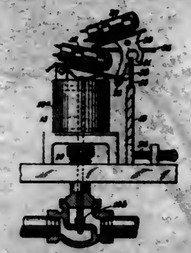
2,105,929
SIGNALING SYSTEM FOR RAILROADS
Wade H. Reichard, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application January 22, 1935, Serial No. 2,896
4 Claims. (Cl. 246—249)



3. In a system of the character described, the combination, with a trackway, of a track circuit including a track relay, a resonant wayside circuit including track wires extending along the track parallel with the track rails and the track circuit and energized with alternating current, a wayside signal control circuit normally controlled by said resonant circuit and said track circuit, and a tuned loop on a vehicle movable over the trackway and having substantially maximum coupling with said track wires.

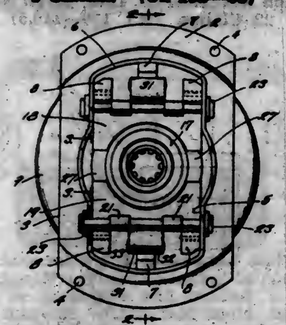
2,105,931
CONTROL DEVICE FOR OIL BURNERS
Nathaniel Rae, Patchogue, N. Y.
Application June 20, 1932, Serial No. 618,653
4 Claims. (Cl. 200—83)

1. A switch mechanism comprising a movably mounted switch, electrically-operated means for actuating said switch and maintaining the same in one position, an electrically-heated thermostatic element movable into engagement with said switch to maintain the same in said position for an interval after said electrically-operated means is deenergized, and a movably mounted switch having means thereon extending into



the path of said element for the actuation of the second switch upon movement of said element into engagement with said first switch, said last-named means being disposed in the path of said first switch for returning the second switch to the initial position upon release of the first switch by said element.

2,105,932
FRICTION CLUTCH
Carl A. Rucsenberg, Rockford, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application February 7, 1936, Serial No. 62,745
8 Claims. (Cl. 192—68)

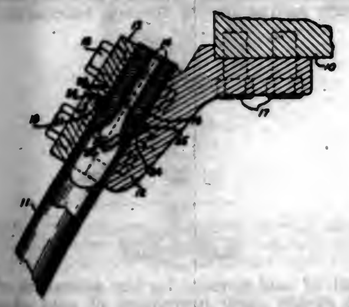


1. A friction clutch comprising, a cover plate, a pressure plate mounted for axial movement on said cover plate, a compression spring urging said pressure plate in one direction along the axis thereof, levers for moving said pressure plate against the force of said spring, and a lever operating sleeve slidably mounted on said pressure plate and engageable with said levers, said spring being so arranged relative to the clutch parts that one end thereof bears directly on the pressure plate and the other end bears directly upon said sleeve.

2,105,933
DEVICE FOR ATTACHING MEMBERS
Frank C. Spencer, Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application November 18, 1936, Serial No. 111,282
6 Claims. (Cl. 287—20)

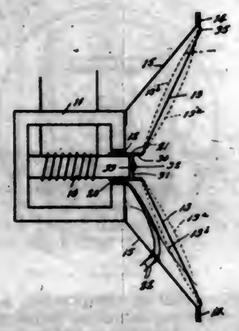
6. A device for locking a hollow member to a two part support, comprising a plug having a

transverse channel fitted within the member, the support parts having recesses cooperating to receive the member therein, one of the support parts having a transverse channel intersecting the recess thereof opposite the channel



in said plug, a locking pin in the channel of the support part, and means for clamping the support parts together to cause said pin to deflect the wall of the member into the channel of said plug to firmly lock the member to the support.

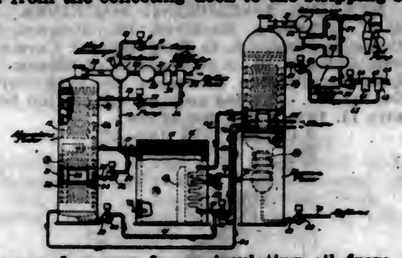
2,105,924
ELECTROACOUSTIC DEVICE
Clifford E. Stevens, Glen Ridge, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application November 23, 1929, Serial No. 409,212
22 Claims. (Cl. 179—115.5)



21. A diaphragm comprising a seamless truncated conical portion and an integral web extending across the apex end thereof, said web being relatively flexible as compared to the conical portion.

2,105,925
OIL TREATMENT
Harry Robert Swanson, White Plains, N. Y., assignor to Foster Wheeler Corporation, New York, N. Y., a corporation of New York
Application November 26, 1930, Serial No. 498,218
11 Claims. (Cl. 196—73)

6. Apparatus for the distillation of hydrocarbon oils comprising a heater for heating the oil to vaporization temperature, a fractionating column having a stripping section, a collecting deck associated with the stripping section, means for discharging unvaporized oil from the heater onto the collecting deck, means for conducting oil from the collecting deck to the stripping sec-



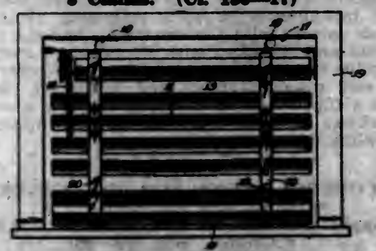
tion, and means for recirculating oil from the collecting deck through the heater.

2,105,926
MOTOR VEHICLE
Milton Tibbetts, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application October 20, 1934, Serial No. 749,151
12 Claims. (Cl. 296—84)



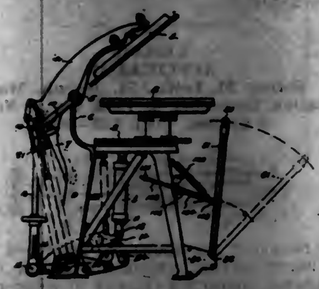
1. A construction for motor vehicles comprising a structure having a window opening therein, a deflector panel, pivotal means for supporting said deflector panel in said window opening for swinging movement about an axis extending in a generally vertical direction, said pivotal means being shiftably mounted on said structure and means associated with said deflector panel and said structure for directing a bodily shifting of the deflector panel pivotal means in a rearwardly direction as the rear portion of said deflector is swung outwardly.

2,105,927
FACING TAPE FOR VENETIAN BLINDS
Ralph H. White and Donald J. McNevin, Chicago, Ill.
Application April 5, 1937, Serial No. 135,996
8 Claims. (Cl. 156—17)



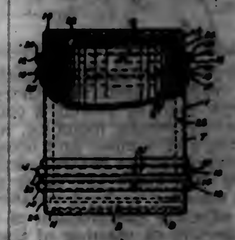
1. In combination with the ladder tape of a Venetian blind, a facing tape having a width at least as great as the width of the ladder tape, a series of loops on the back side of the facing tape, and fastening means secured to the facing tape by the loops and having fingers securing the facing tape to the ladder tape whereby the facing tape completely conceals the ladder tape from normal view.

2,105,928
GARMENT OR IRONING PRESS
Philip N. Brown and Ernest Davis, Syracuse, N. Y., assignors to The Prosperity Company Inc., Syracuse, N. Y., a corporation of New York
Application April 20, 1932, Serial No. 606,797
Renewed October 17, 1936
27 Claims. (Cl. 192—131)



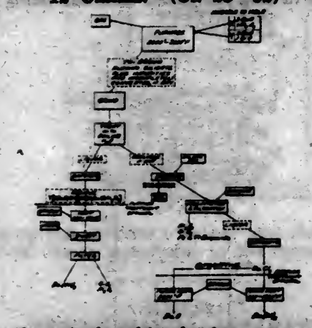
1. A garment or ironing press comprising, cooperating pressing jaws, operating mechanism to open and close the press, control mechanism controlling the actuation of the operating mechanism including, a movable member shiftable inwardly towards and outwardly away from the press a distance sufficient to require the operator to step away therefrom, and operator actuated means for operating the control mechanism; and means included in one of the aforesaid mechanisms normally in inoperative position and connected with the movable member so that it is movable into operative position upon the outward shifting thereof.

2,105,939
BARREL
Edward G. Cook, Brookiyn, N. Y., assignor of one-fourth to Isadore Goldberg, New York, N. Y.
Application September 23, 1933, Serial No. 690,650
8 Claims. (Cl. 220—5)



1. A cask comprising drawn metallic heads having tubular wall portions with plural convoluted key-forming means thereon; an intermediate shell, said shell having plural convoluted key-forming portions thereon constructed to underlie said first named convoluted key-portions; and a pourable hardenable bonding means in said key forming portions and moldable thereby, to bond said heads and shell together.

2,105,940
MANUFACTURE OF BARIUM COMPOUNDS
Elbert E. Fisher, St. Louis, Mo.
Application March 28, 1936, Serial No. 71,447
12 Claims. (Cl. 23—53)



1. In the art of making barium compounds, the process comprising, fusing together barium sulphate, alumina and silica in proportions such that the barium oxide content of the barium sulphate is substantially three molecules of barium oxide to each molecule of silica and three molecules of barium oxide to each molecule of alumina so as to obtain substantially sulfur free tribarium silica aluminate.

2,105,941
MEAT PROCESSING AND MOLDING DEVICE
Stanley F. Gleason, Philadelphia, Pa., assignor to Ham Boiler Corporation, Port Chester, N. Y., a corporation of Delaware
Application August 22, 1933, Serial No. 686,358
6 Claims. (Cl. 100—57)

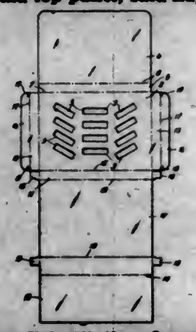


3. An apparatus for processing and molding meat, comprising a mold adapted to contain the meat to be processed and molded, a follower member movable within said mold, means for applying following pressure to said follower member, a flexible, resilient sealing member carried by the periphery of said follower member, effectively to seal said mold against ingress of extraneous matter and to permit escape from said mold of some of the juices extruded from said meat during the treatment thereof when the pressure within said mold is sufficient to distort said sealing member, and means for supporting and reinforcing said flexible, resilient sealing member, said sealing member having a cross-section such that its width is maximum at its peripheral portions and is less than said maximum at its inner portions.

2,105,942
DISPLAY AND SHIPPING CARTON
Robert S. Ghiselin, Chicago, Ill., assignor to Lewis-Howe Company, St. Louis, Mo., a corporation of Delaware
Application March 13, 1937, Serial No. 130,623
3 Claims. (Cl. 206—44)

1. A display and shipping carton for smaller

containers, comprising a top body panel having openings to receive containers, a bottom body panel, a front end wall connecting said top and bottom panels, a display and cover flap at the rear edge of said top panel, said flap being scored

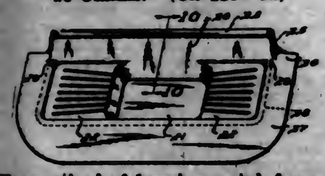


along a line parallel with the edge of the top panel so that the major portion of said flap can be folded over parallel to said top, and a rear end wall, said rear end wall projecting above said top panel and being scored in register with said score in said display and cover flap.

2,105,943
REFRACTORIES
Victor Moritz Goldschmidt, Oslo, Norway
No Drawing. Application July 1, 1935, Serial No. 29,574. In Austria July 13, 1934
24 Claims. (Cl. 106—9)

1. That method of making refractories comprising preparing a batch containing a mixture of coarse and fine granules of olivine-bearing rock of which at least 50 per cent are relatively coarse granules, and said rock containing more than about 70 per cent of olivine mineral, less than about 10 per cent each of monoclinic pyroxene, feldspar, and iron calculated as FeO, and less than about 15 per cent of magnesium hydrosilicates; and shaping and drying the mixture to form a refractory article.

2,105,944
METHOD OF MAKING SINKS
Vincent J. Graf, Detroit, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application March 31, 1933, Serial No. 663,711
Renewed October 7, 1935
16 Claims. (Cl. 113—51)

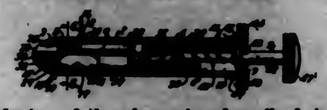


1. The method of forming a sink from a single metal blank, which comprises stamping the blank to form a horizontal basin and apron forming panel and an upright back panel, drawing the terminal end portion of the back panel to form a rearwardly projecting flange and to form from the metal of said end portion a horizontal extension of the apron forming portion of the horizontal panel, and folding said apron forming portion and horizontal extension downwardly to provide an apron having the rear edge thereof terminating in substantial vertical alinement with the rear edge of said flange.

2,105,945
HOT WORKABLE BRONZE
Daniel R. Hull, Watertown, Conn., assignor to The American Brass Company, Waterbury, Conn., a corporation of Connecticut
No Drawing. Application October 31, 1933, Serial No. 695,615
5 Claims. (Cl. 75—154)

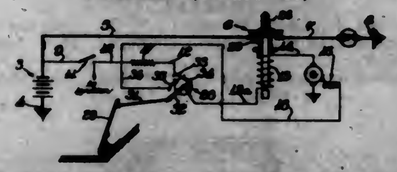
4. An alloy composed of from 2% to 36% tin, from 0.25% up to less than 5% manganese and balance copper, which is characterized by being hot workable.

2,105,946
APPLICATOR
Sidney M. Lewis, St. Joseph, Mo.
Application December 6, 1935, Serial No. 53,165
9 Claims. (Cl. 128—260)



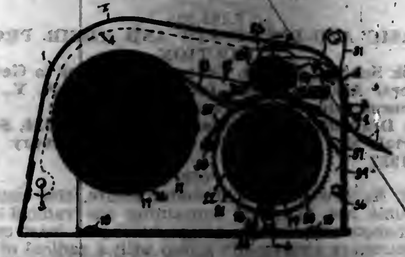
1. A device of the character described, including a barrel having compartments for containing separate chemicals capable of inter-reaction, a nozzle on the barrel for retaining the chemicals in said compartments and having outlet passages in communication with said compartments, and means in the barrel for effecting simultaneous ejection of the chemicals from said compartments for discharge through said passages.

2,105,947
AUTOMATIC STARTING MECHANISM
Paul H. Maurer, Elmira, N. Y., assignor to Eclipse Machine Company, Elmira Heights, N. Y., a corporation of New York
Application August 7, 1933, Serial No. 684,607
Renewed October 7, 1936
7 Claims. (Cl. 290—37)



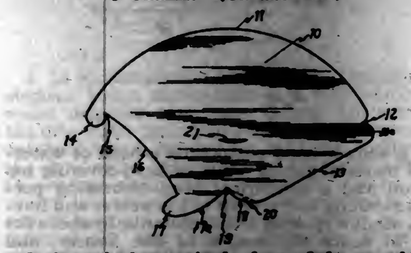
1. A power plant including an internal combustion engine, starting mechanism therefor including a magnetic starting switch, a control circuit for said starting switch including a battery, a manual switch and a make and break device; a manually operable power control member, means for operating said make and break device from said control member, a shunt resistor for maintaining the effective energization of the control circuit irrespective of opening of the make and break device, an engine-driven generator having a field winding connected in shunt with the portion of the control circuit including said make and break device, and means including said generator for maintaining said control circuit deenergized responsive to self-operation of the engine at or above a predetermined speed, said shunt resistor being of such value as to cooperate with the voltage of the generator in opposing flow of battery current through the magnetic starting switch to cause said switch to open at a predetermined engine speed.

2,105,948
SALES TAX CHECK MACHINE
Albert Mellmann, Detroit, and Morris Sheras, Manistee, Mich., assignors to Tax-Auditor Systems, Inc., Detroit, Mich.
Application April 12, 1934, Serial No. 74,152
10 Claims. (Cl. 101—5)



10. In a machine for cancelling and delivering sales tax receipts, the combination of coacting feed rolls, one of which is provided with a peripheral groove and the other of which is provided with a projecting slitter in register with said groove to cooperate with said groove to act upon and slit a sales tax receipt as it is fed between said rolls for cancellation purposes within its margins, and a stripper blade within said groove to remove the slitted strip.

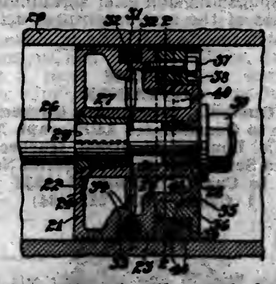
2,105,949
CONICAL CUP AND ICE CREAM RECEPTACLE
Method Morin, Chicago, Ill.
Application October 8, 1936, Serial No. 104,677
5 Claims. (Cl. 229—1.5)



1. A conical receptacle formed from a blank having a central slot and an arcuate edge, two opposed converging side edges extending from said arcuate edge, a pair of spaced apart projecting tongues formed integral with one of said side edges, the lower portions of said side edges merging in a reentrant angle whose apex is the axis of said arcuate edge, said arcuate edge having a slit therein.

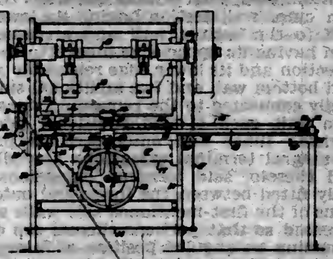
2,105,950
PISTON
Chester W. Metzger, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application March 7, 1936, Serial No. 67,693
4 Claims. (Cl. 309—4)

1. A piston comprising a plurality of sections, one of said sections having a series of arcuate recesses, wearing blocks in the recesses, and means



securing the sections together and clamping the wearing blocks immovably in the recesses.

2,105,951
SPRING MAKING APPARATUS
David G. Morgan, San Francisco, Calif., assignor of one-fourth to Noble Mahlmann and one-fourth to Edward J. O'Leary, San Francisco, Calif.
Application February 5, 1935, Serial No. 5,918
2 Claims. (Cl. 164—12)



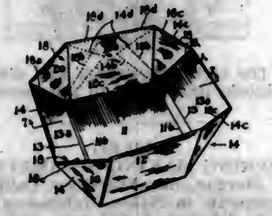
2. A spring making machine comprising a bed for supporting a strip from which springs are to be made, means for feeding the strip over the bed, means for cutting the strip to form a blank, a stop having a plurality of positions of adjustment and mounted on the bed in the path of movement of the strip for actuating the cutting means, whereby a blank of selected length depending upon the position of adjustment of the stop is cut from the strip, means interposed between the cutting means and said stop for punching the blank, a carriage for the punching means, and means associated with the carriage for indicating the central position of the punching means between the cutting means and said stop for each of the several positions of adjustment of the stop.

2,105,952
COMPOSITIONS OF MATTER
William Henry Moss, London, England, assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application October 29, 1935, Serial No. 47,226. In Great Britain August 24, 1933
17 Claims. (Cl. 106—40)

1. Compositions of matter comprising a thermoplastic plasticizable organic base material selected from the group consisting of cellulose derivatives and polyvinyl compounds and, as plasticizer therefor, an ester of an aryl substituted aliphatic acid with a polyhydric alcohol, said alcohol consisting of an open hydrocarbon

chain substituted by at least two hydroxyl substituent groups and said ester containing at least two radicles of the aryl-substituted acid.

2,105,953
CONTAINER
Alphonse Ouellette, Rosemount, Quebec, Canada, assignor to Consolidated Lithograph Manufacturing Co. Limited, Montreal, Quebec, Canada
Application September 18, 1936, Serial No. 101,485
In Canada August 22, 1936
1 Claim. (Cl. 229—34)



A container of the character described comprising a square bottom wall, side walls extending upwardly from two of the opposite edges of the bottom wall, each of said side walls comprising an outer wall section having its lower edge hinged to the bottom wall and an inner wall section having its upper edge hinged to the outer wall section and its lower edge releasably secured to said bottom wall and two additional side walls hingedly connected to the remaining sides of the bottom wall, each of said additional side walls comprising inner and outer sections provided with integral terminal extensions hingedly connected thereto, said terminal extensions being slidably fitted between the inner and outer wall sections of the first-mentioned side walls and being creased so that portions thereof are capable of assuming an angular position with respect to the first-mentioned side walls when partly withdrawn therefrom.

2,105,954
PIPE ALIGNING TOOL
Walter H. Rippe, Hutchinson, Minn.
Application August 1, 1936, Serial No. 93,871
1 Claim. (Cl. 113—102)



A portable pipe aligning tool comprising a single rod the end portions of which are bent laterally on the same side of said rod, a pair of aligning channels on the ends of the rod and rigidly secured thereto, said channels being endwise spaced and aligned the one with the other, a pair of arms rigidly secured to the rod with their free end portions overlying the aligning channels and spaced therefrom, said aligning channels having one of their sides rigidly secured to the arms, and a pair of clamping screws having threaded engagement with the arms for movement toward or from the aligning channels.

2,105,955
BASIC AZO-DYESTUFFS AND THEIR PRODUCTION
Erik Schirm, Dessau, Germany, assignor to General Aniline Works Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application February 6, 1934, Serial No. 709,949. In Germany February 7, 1933
4 Claims. (Cl. 260—76)

2. As new articles of manufacture, the water soluble azo dyestuffs containing the radical of a diazotised aromatic amine having at least one quaternary ammonium group with a radical of a coupling component comprising an aromatic diaceto acetyl diamine.

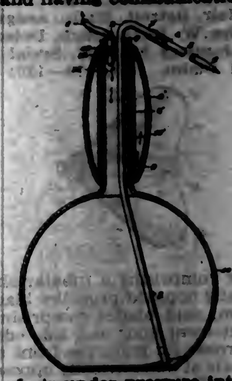
2,105,956
SHOWER HOOD
Herman Schnaittacher, New York, N. Y., assignor to Venus Corporation, New York, N. Y., a corporation of New York
Application May 20, 1937, Serial No. 143,685
5 Claims. (Cl. 2—68)



1. A shower hood comprising a hood of waterproof material having a curved head covering top portion and a cylindrical head embracing portion extending to the neck of the wearer and having a window opening from substantially above the eyes to below the mouth of the wearer, and laterally beyond the eyes of the wearer, a window of transparent waterproof material secured at three edges of said opening, said window being free at the lowermost edge of the opening, and means separating the lowermost portion of the transparent window from the hood portion to provide air communication between the interior and the exterior of the hood.

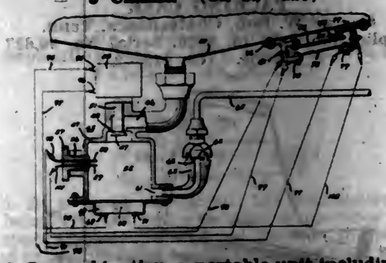
2,105,957
LIQUID DISPENSING DEVICE
Arthur N. Severson, Milwaukee, Wis.
Application March 24, 1937, Serial No. 132,777
5 Claims. (Cl. 215—4)

1. A device for dispensing liquids comprising, a receptacle having an elongated neck, a stopper sealing the neck, a delivery tube extending through and carried by the stopper, said tube terminating adjacent to the lower end of the receptacle, and a bulb closely embracing the elongated neck and having communication therewith



for forcing of air under pressure into the receptacle.

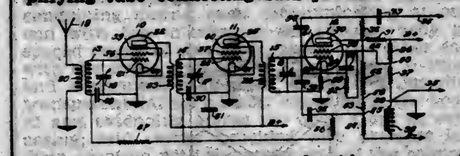
2,105,958
REFRIGERATING APPARATUS
Jacob Smilack, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application November 22, 1934, Serial No. 754,271
Renewed March 11, 1937
3 Claims. (Cl. 62—129)



1. In combination, a portable unit including an element which dehumidifies air and which has water dripping therefrom, means for catching the drip water from said element, said drip water catching means having an inlet for conducting the drip water thereinto and an outlet adapted to conduct drip water therefrom, means connected to a source of energy for creating a pressure in said drip water catching means to cause removal of drip water upwardly therefrom through said outlet, said last named means being normally ineffective and rendered effective automatically in response to the flow of a predetermined amount of drip water from said element to said catching means, and means also deriving its energy from said source of energy for said pressure creating means for prolonging the effectiveness of said drip water removing means for a predetermined period of time after the accumulation of drip water in said catching means has been diminished beyond the point for initiating effectiveness of said drip water removing means.

2,105,959
AUTOMATIC VOLUME CONTROL SYSTEM
Harold F. Spearin, Chicago, Ill., assignor to Alfred Crossley, Chicago, Ill.
Application December 14, 1935, Serial No. 54,464
5 Claims. (Cl. 250—20)

1. A radio signal receiving system, including a radio frequency amplifying tube and a detector tube, each having a cathode, grid and plate; a source of substantially direct current voltage; means connecting the plate of said detector tube to the positive end of such source, said means including a plate load resistor; gain control means for supplying a variable bias to the amplifying tube connecting said plate of said detector to the negative end of said source, said means including a portion having a substantially constant voltage drop thereacross during application of the variable bias to said amplifying tube during control action; and a connection between the grid of said amplifying tube and a point on said last-named means negative with respect to the cathode of said amplifying tube for rendering the gain control means effective.



2,105,960
RAZOR BLADE SCRAPER
Robert L'Welfe, Seattle, Wash.
Application August 6, 1937, Serial No. 157,708
2 Claims. (Cl. 30—333)

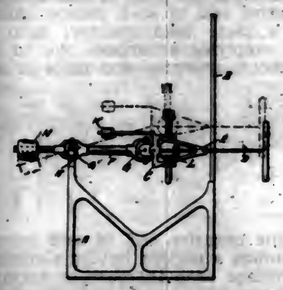


1. In combination, a razor blade, and means for holding the same for scraping, comprising, two cooperating jaws, the first thereof provided with a handle at the rear end and a flattened rectangular plate at the forward end, the rear outer corners of such plate turned downward on a slope from the face thereof for wedges, a second jaw plate slidably mounted over the first, clamp fingers extended from the rear outer edges of such upper plate and slidably down along the outer edges of said first lower jaw and loosely beneath the same, and adapted to slide along said wedges for drawing such jaws together and for clamping a razor blade between the same, said fingers further adapted to provide abutments to prevent said blade from moving backward from a predetermined position for use in scraping a surface, lugs on the rear portion of said upper plate astride a forward portion of the handle for maintaining the jaws in alignment, and for holding the blade in stored position between the blades lengthwise when not for use in scraping.

2,105,961
CARRIAGE FOR RÖNTGEN APPARATUS
Michele Andreini, Milan, Italy
Application February 21, 1935, Serial No. 7,605
In Italy February 23, 1934
5 Claims. (Cl. 250—94)

1. A Röntgen tube carriage, comprising a frame with tube holding means in one side thereof, a screen rigidly connected to and carried by said frame, a base, a lever system comprising a plurality of levers forming members of a link parallelogram system, a plurality of universal

joints connecting said levers at spaced points to the base, and a plurality of universal joints connecting said levers to the frame, said levers be-



ing four in number and vertically and horizontally spaced from each other and being counterweighted with respect to their joints to the base.

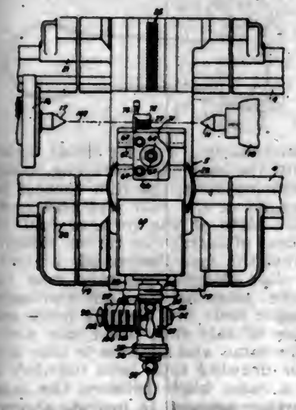
2,105,962

DIAMETER GAUGING APPARATUS

Clifford A. Bickel, Sidney, Ohio, assignor to The Monarch Machine Tool Company, Sidney, Ohio, a corporation of Ohio

Application May 28, 1935, Serial No. 23,887

11 Claims. (Cl. 82—24)



1. In a machine for turning work-pieces, means for supporting and rotating a work-piece about a rotational axis, a carriage, a cross slide on said carriage, a tool holder on said cross slide having a reference portion, a cutting tool on said tool holder, a tool-setting gauge for engaging said reference portion and having a tool-contacting portion spaced toward said axis a selected distance from said reference portion, means for clamping said cutting tool with its cutting edge engaging said tool-contacting portion, means associated with said carriage and said cross slide for indicating the relative positioning thereof with said tool-contacting portion and said cutting tool edge coinciding with said rotational axis, a cross slide mechanism for moving said cutting tool from its position of coincidence with said rotational axis outwardly to a predetermined radius, and measuring means associated therewith for directly indicating the reaching of said predetermined radius by said tool and cross slide.

2,105,963

PROPELLER

Joseph N. Blair, Detroit, Mich., assignor of one-half to John W. Roxborough, Detroit, Mich.

Application January 11, 1937, Serial No. 120,669

1 Claim. (Cl. 170—159)



A propeller comprising a tubular shaft, a pair of diametrically opposed propeller blades extending therefrom, said blades comprising substantially straight front ends and side edges curving rearwardly from said ends, the front ends terminating in a pair of diametrically opposed laterally projecting cutting blades extending along the same upon opposite sides thereof, respectively, and inclining laterally and rearwardly, and said side edges of the propeller blades having formed thereon a pair of laterally and oppositely extending trailing fins extending from said cutter blades in angular relation thereto.

2,105,964

PACKING CASE

George W. Bob, Chattanooga, Tenn.

Application July 16, 1936, Serial No. 90,827

5 Claims. (Cl. 229—23)



1. A foldable packing case including side and end walls formed of paperboard material and flexibly joined at adjacent edges to permit said walls to be folded, rigid frames reinforcing said end walls, reinforcing cleats extending along said side walls, and means attaching said reinforcing cleats to said side walls, said cleats being unconnected to said side walls over an end zone approximately equal to the thickness of the end frames to permit said zones to be bent out of the plane of said side walls, when said walled structure is folded.

2,105,965

KNITTING MACHINE

William Edward Beeton, Leicester, England

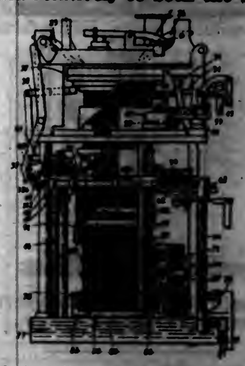
Application July 13, 1937, Serial No. 153,979½

In Great Britain December 24, 1935

10 Claims. (Cl. 66—46)

1. A knitting machine, having an instrument bed for a line of needles, instruments movable in

said bed, means movable in relation to the bed along the line of instruments to move successive instruments, an instrument picker for picking the instruments, which picker is movable, along said line and relatively to both the bed and said



means, to bring it into register with successive instruments of the line, means for locating said picker in relation to the line by the instruments themselves, and means for moving the picker along the line upon movement of the instruments in the bed.

2,105,966

WATCH CONSTRUCTION

John E. Bowen, Akron, Ohio

Application May 3, 1937, Serial No. 141,478

4 Claims. (Cl. 58—107)



1. In a watch movement, the combination of a balance wheel and a hairspring provided with a spaced overcoil, and a pin fixed on the bridge and extending from a point radially inward of the rim of the balance wheel, through the overcoil and projecting over the main body of the hairspring.

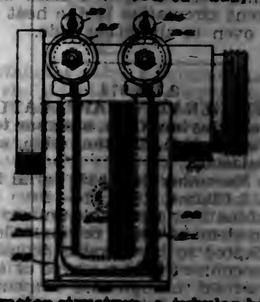
2,105,967

FLUID METER

Charles Southard Burdsal and Ralph Ernest William Titel, Phoenix, Ariz., assignors of fifty-one percent to said Burdsal and forty-nine percent to said Titel

Application July 20, 1936, Serial No. 91,510

2 Claims. (Cl. 73—213)



2. In a meter structure, a tubular body, a vertically disposed open front casing secured to and depending from said body, an upstanding U-shaped tube arranged within, supported from the bottom of and positioned inwardly adjacent the open front of the casing, an indicator within said tube in the form of a body of fluid responsive to pressure from within said tubular body to form it into parallel columns of different heights, a pair of spaced independent valve controlled pressure conducting means, each communicating at one end with the interior of the tubular body at spaced points of the latter, and at the other end with the upper ends of the sides of said U-tube, and a normally stationary vertically adjustable transparent carrier slidably engaging in the body of and extending across the open front of said casing, said carrier provided with pressure indicia coacting with the upper end of the column of greatest height of the indicator.

2,105,968

METHOD OF ROLLING FERROUS SHEETS

Alfred J. Castle, Chicago, Ill., assignor to Inland Steel Company, Chicago, Ill., a corporation of Delaware

No Drawing. Original application October 28, 1933, Serial No. 695,721. Divided and this application February 26, 1934, Serial No. 712,663

4 Claims. (Cl. 29—18)

1. The method of surfacing ferrous sheets which consists in subjecting their surfaces in cold condition to the rolling action under pressure, of a metal roll of a sclerescope hardness over 70 and presenting a mat working face.

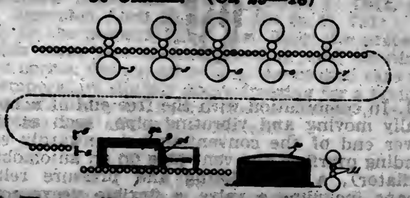
2,105,969

METHOD OF AND APPARATUS FOR PRODUCING FERROUS SHEET METAL

Alfred J. Castle, Chicago, Ill., assignor to Inland Steel Company, Chicago, Ill., a corporation of Delaware

Application August 7, 1935, Serial No. 35,185

30 Claims. (Cl. 29—18)



1. The method of producing cold reduced sheets involving the annealing of the cold reduced sheets in stacks which comprises subjecting surfaces of certain of the sheet material to the rolling action under pressure of rolls at least one of which has a dull or mat working face to produce dull or mat surfaced sheet material, stacking the sheets so that as to each pair of contacting surfaces at least one thereof is a mat surface, and in such surfaced and stacked condition annealing the sheets.

2,105,970

PARKING METER

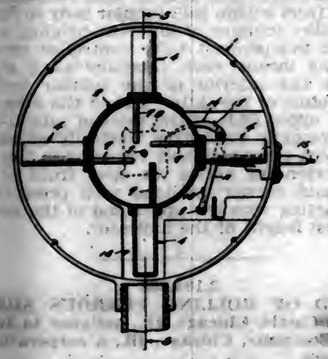
Leo J. Darley, Jackson, Miss., assignor, by mesne assignments, to Gravity Meter Corporation, a corporation of Delaware

Application November 3, 1936, Serial No. 109,831

15 Claims. (Cl. 161—15)

1. In a parking meter, a housing having a sight opening, a hollow member rotatably mounted in the housing, a plurality of receptacles carried by said member, a gravitative flowable material in

said member, means whereby each said receptacle receives a charge of such material from said member while at the sight opening, and discharges such material back into the member dur-



ing the next revolution of the member, and means whereby said member may be rotated to move the receptacles successively from and to the sight opening.

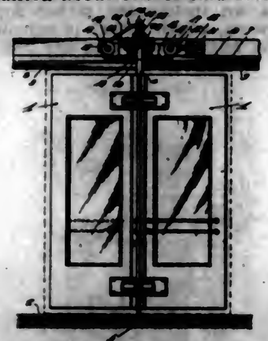
2,105,971
AUTOMOTIVE RADIATOR SEALING AND PRESSURE RELIEF MEANS
Arthur F. Grigg, Metuchen, and John E. Zeller, Montclair, N. J.
Application July 12, 1937, Serial No. 153,130
3 Claims. (Cl. 137—69)



1. In combination with the free end of a normally moving and vibrating pipe (such as the lower end of the conventional downwardly extending overflow and vent pipe on an automobile radiator), a pipe closing and pressure relief means including a valve, a flexible sleeve connecting and supporting said valve on said pipe, said valve having an upwardly facing valve seat with a valve opening therein, a gravity biased valve member freely resting on said seat to normally close its opening, said valve seat and said valve member being so constructed as to have only a limited annular contact area, valve member retaining means secured to said seat and loosely surrounding said valve member to permit it to partake of limited lateral cleaning movements on its limited area seat induced by the movements and vibrations of said pipe.

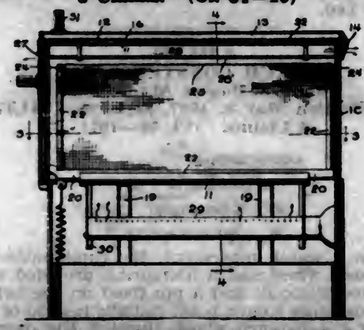
2,105,972
TROLLEY FOR REVOLVING DOORS
Thurlee M. Hagenbeck, Evansville, Ind., assignor to International Door Company, Evansville, Ind., a corporation of Illinois
Application August 3, 1935, Serial No. 35,395
19 Claims. (Cl. 20—18)

11. In a revolving door trolley, a rail system, a carrier, sets of rollers for supporting said carrier with respect to said rail system, and means pivotally mounted about one of said sets of rollers



for locking said carrier in a predetermined position with respect to said rail system.

2,105,973
MATRIX DRIER
Pearl Junius Hereford, Huntington, W. Va.
Application July 13, 1936, Serial No. 90,424
3 Claims. (Cl. 34—16)

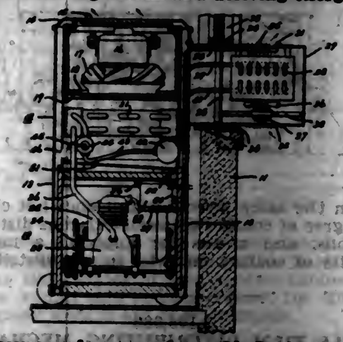


1. A device of the character described, comprising an oven having a heatable bottom, a foraminous matrix support mounted slidably on said bottom, burners located beneath said bottom for heating the same, heat passages around the edges of the bottom to permit heat to rise to the topside of said foraminous support, apertures in the walls of the oven, and an arcuate heat deflector mounted in the oven in parallel relation to said foraminous support to concentrate the heat to a matrix supported on its support, said arcuate deflector being formed with a baffle at its topside to prevent circulation of the heat from one side of the oven to the other side.

2,105,974
REFRIGERATING APPARATUS
Harry B. Hull, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application November 20, 1935, Serial No. 50,722
3 Claims. (Cl. 62—129)

1. In combination, a portable unitary structure including an element which dehumidifies air and which is adapted to have water dripping therefrom, means connected to a source of energy for circulating a fluid through said element to cause same to dehumidify the air, means for catching the drip water from said element, said drip water

catching means having an inlet for conveying the drip water thereinto and an outlet adapted to conduct drip water therefrom, means for closing said inlet and for creating a pressure in said drip water catching means, said last named means including means disposed in the air above water in said catching means and deriving energy from



said source of energy for said fluid circulating means for heating and expanding the air above the water in said catching means, and a conduit connected to said outlet and extending upwardly above said drip water catching means, said pressure creating means being effective to force water from said drip water catching means through said conduit.

2,105,975
WELL PUMP
Frank C. Knies and Richard N. Vickers, Smackover, Ark.
Application March 17, 1936, Serial No. 69,368
6 Claims. (Cl. 103—155)



1. In a standing valve, a tubular casing having its upper end adapted for connection with the lower end of a well tube, walls of the valve casing being formed with upper and lower longitudinally extending ducts offset relative to each other longitudinally of the valve casing to stagger the ducts and dispose their ends out of opposed relation to each other, a core fitting in the bore of the tubular valve casing and formed with a bore open at its lower end and having side ports communicating with lower ends of both ducts and with the upper end of the lower duct, the bore of said core being blocked between the upper end of the lower duct and the lower end of the upper duct and the upper duct having its upper end opening directly into the casing, said core having its upper end adapted for connection with a reciprocating pump serving as a closure for the upper end of its bore, and valve members carried by said core for controlling directional flow of liquid through the core and ducts.

2,105,976
BEARING
Joseph Ulfranc Langlois, Hull, Quebec, Canada
Application July 8, 1937, Serial No. 152,633
In Canada January 19, 1937
5 Claims. (Cl. 308—187)



1. In a bearing comprising reciprocating shaft supporting elements therein; pressure relieving bypass leading from one side to the other of said elements.

2,105,977
PROCESS OF MAKING FOOD PRODUCT
Gaston J. Ley, John H. Payne, and George Akau, Honolulu, Territory of Hawaii, dedicated to the free use of the People of the United States
No Drawing. Application January 14, 1937, Serial No. 120,504
2 Claims. (Cl. 99—93)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

2. In the preparation of taro flour, the process which comprises cooking, peeling and washing taro corms, thence subjecting the cooked taro to a temperature slightly above freezing for a period of substantially 30 hours, thence slicing, drying, grinding and sifting the material.

2,105,978
SULPHURIZED VIOLANTHRONE DERIVATIVES AND PROCESS OF PREPARING SAME
William Hiram Lycan, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application June 26, 1935, Serial No. 28,476
6 Claims. (Cl. 260—17)

1. The process which comprises condensing a member of the group consisting of organic carbonyl halides, organic sulphonyl halides, aldehydes, carboxylic acid anhydrides and di-halomethyl carbon compounds with a violanthrone having the Bz2,Bz2' positions free and thereafter heating the product with sulphur.

2. The product obtainable by condensing a member of the group consisting of organic carbonyl halides, organic sulphonyl halides and aldehydes, carboxylic acid anhydrides and di-halomethyl carbon compounds with a violanthrone having the Bz2,Bz2' positions free and thereafter heating the product with sulphur.

2,105,979
TRESTLE BRACE
Forest E. Manley, Galva, Ill.
Application March 29, 1937, Serial No. 133,723
2 Claims. (Cl. 304—5)



1. A trestle brace comprising two similar sockets to receive the legs of the trestle, and a flat horizontal plate integrally connected at its opposite side edges with the lower edges of the inner walls of said sockets, said horizontal plate cooperating with the inner walls of the socket to provide a trough for reception of the trestle beam, said horizontal plate constituting the sole connection between the socket so as to permit free flexing of the latter about lines coincident with the junctures of the edges of said plate with the edges of the inner walls of the socket, whereby spreading of the lower ends of the trestle legs will cause gripping engagement of the inner walls of said socket with opposite sides of the trestle beam, each socket comprising a top wall integrally secured to the upper edge of the inner wall thereof along one edge, an outer wall integrally connected at its upper edge to the opposite edge of said top wall, and side walls integral with the side edges of the outer wall and having flanges abutting and secured to the inner wall, rivets securing said flanges to the inner wall of each socket and having conical inner heads arranged to penetrate the side of the trestle beam.

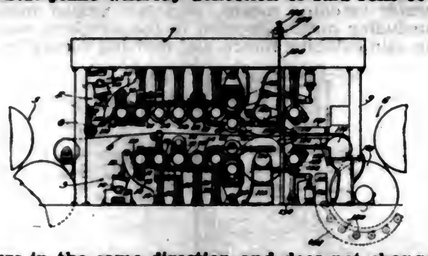
2,105,980
SWEAT BAND FOR HATS
John Margulies, Yonkers, N. Y., and David H. Young, East Orange, N. J.; said Young assignor to said Margulies
Application December 6, 1935, Serial No. 53,232
3 Claims. (Cl. 2—181)



1. A sweatband for a hat, comprising a leather having overlapped ends and elastic means passing through said overlapped ends at a plurality of points to hold them together resiliently.

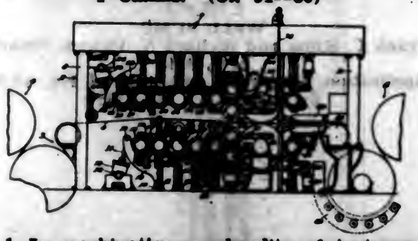
2,105,981
MACHINE FOR APPLYING MOBILE FILMS
Peter J. Massey, River Forest, Ill., and William F. Thiele and Bert F. Raprager, Wisconsin Rapids, Wis., assignors, by mesne assignments, of nine-tenths to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., a corporation of Wisconsin, and one-tenth to Peter J. Massey, Chicago, Ill.
Application September 11, 1935, Serial No. 40,189
18 Claims. (Cl. 91—50)

1. A coating machine for coating continuously advancing flexible webs which comprises in combination, a juxtaposed pair of oppositely driven rolls having uniform surfaces between which said flexible web passes, means for applying a preformed film of coating material to the surface of each of said rolls whereby said films are transferred to said web, each said means comprising a plurality of contacting distributing rolls disposed with axes in substantially the same horizontal plane whereby deflection of said rolls oc-



curs in the same direction and does not change the degree of contact between adjacent distributing rolls, and means for applying a metered quantity of coating material to said distributing rolls.

2,105,982
MOBILE FILM DISTRIBUTING MECHANISM
Peter Jay Massey, River Forest, Ill., and William F. Thiele and Bert F. Raprager, Wisconsin Rapids, Wis., assignors, by mesne assignments, of nine-tenths to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., a corporation of Wisconsin, and one-tenth to Peter J. Massey, River Forest, Ill.
Application December 20, 1935, Serial No. 55,368
4 Claims. (Cl. 91—50)

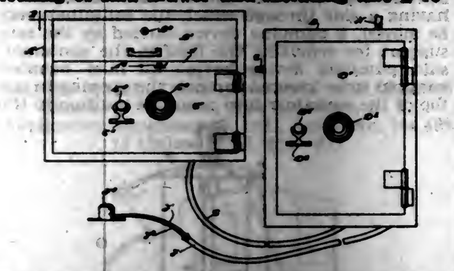


1. In combination, a plurality of juxtaposed rolls having their surfaces closely adjacent each other and their axes in parallel relationship, said rolls being supported adjacent their ends and being of such a length and weight as to deflect substantially at their longitudinal centers, the axes of said rolls being disposed in substantially the same horizontal plane whereby deflection of said rolls is negligible in changing the uniform clearances between adjacent roll surfaces, and means for applying a mobile coating material to one of said rolls whereby said material is transferred from roll surface to roll surface in the form of a relatively thin film of uniform thickness suitable for the coating of paper.

2,105,983
MONEY DRAWER AND LOCKER
William C. Miller and Albert L. Abbott, Canton, Ohio, assignors to Diebold Safe & Lock Co., Canton, Ohio, a corporation of Ohio
Application October 25, 1934, Serial No. 749,948
17 Claims. (Cl. 70—57)

1. In combination: a control-cabinet provided with a closure; a time-control lock for said closure; a drawer and locker unit comprising a locker provided with a lock-equipped closure and a drawer equipped with drawer-closing and locking means; an electric circuit system controlling

the closing and locking of said drawer and the unlocking of the drawer and the locker-closure, said electric system including means outside said control-cabinet for initiating the closing and locking of said drawer and including also a re-

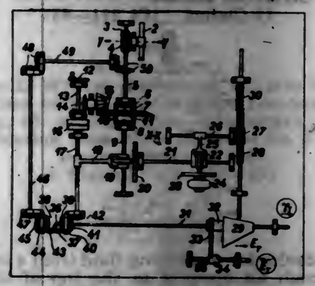


lay system housed in said control-cabinet having a reset switch operable only after gaining access to the interior of said control-cabinet, and means within said control cabinet for throwing said relay system out of commission.

2,105,984
WOOD STAINING
Charles G. Moore, Lakewood, and Milton Zucker, Cleveland, Ohio, assignors to The Glidden Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application October 31, 1929, Serial No. 403,993
6 Claims. (Cl. 134—18)

6. A dye solution for use as a wood stain consisting of a dye dissolved in water, a high boiling organic miscibilizing solvent selected from the group consisting of ethyl lactate and mono-ethyl ether of ethylene glycol, and alcohol.

2,105,985
SIGHTING DEVICE FOR FOLLOWING AERIAL TARGETS
Karl Papello, Dover, Switzerland, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application July 26, 1935, Serial No. 33,235
In Germany August 4, 1934
3 Claims. (Cl. 235—61.5)



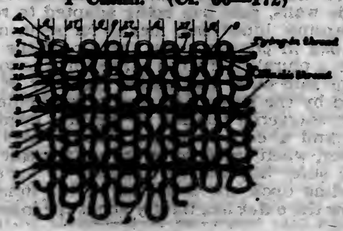
1. In a sighting device for following an aerial target, a hand wheel for adjusting the sighting device, two speed change gears, each of these gears having a driving member and a driven member, the driven member of each speed change gear being adjustable relatively to the corresponding driving member by means of an adjusting device, a motor of constant speed coupled to the driving member of one of the two speed change gears, means for adjusting the adjusting device of this one speed change gear according to the reciprocal magnitude of the time of flight required by a projectile fired from near the sighting device for hitting the target to which the said sighting device is directed, means for so coupling the driven member of this one speed change gear to the driving member of the other speed change gear as to drive this driving member, means for coupling the driven member of this other speed change gear to the sighting device, and means for coupling the adjusting device of this other speed change gear to the said hand wheel.

2,105,986
THRESHER SCREEN
Soren F. D. Petersen, Webster City, Iowa
Application July 7, 1936, Serial No. 89,403
1 Claim. (Cl. 209—394)



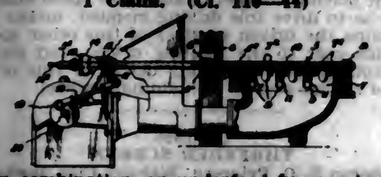
In a thresher screen expressly designed for handling soy beans, a relatively stationary frame, a pair of horizontally disposed spaced parallel rocker shafts mounted for oscillation in said frame, a pair of duplicate longitudinally elongated flat plates constituting screen slats and fixedly secured along corresponding longitudinal edges to said rocker shaft, the free swingable longitudinal edges of said slats being provided with longitudinally spaced notches to permit passage of air and grain therethrough when the slats are in the same horizontal plane and completely closed, said free swingable longitudinal edges of said plates being provided with depending spaced guard fingers alternately arranged with respect to said notches, said guard fingers being longitudinally curved and the curvature corresponding to the curvature of the arc through which the fingers are swingable during the opening and closing movements of said plates, the ends of the fingers adjacent said plates being joined directly to the contiguous longitudinal edge of said plates and the points of connection being flush with the upper faces of said plates, and said notches registering with the spaces between said fingers.

2,105,987
KNITTED FABRIC
Joseph P. Prisam, Rome, Ga.
Application June 29, 1936, Serial No. 88,026
1 Claim. (Cl. 66—172)



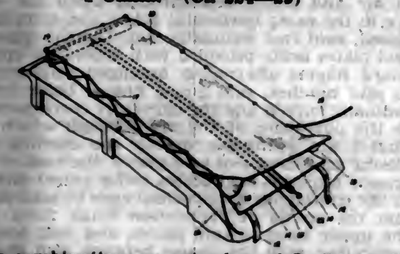
An accordion stocking top comprising two threads, one of said threads being knitted into alternate courses in every wale, the other one of said threads being knitted in intermediate courses in alternate wales and floated across intervening wales, and an unknitted elastic thread incorporated in said stocking top in spaced courses and secured to said stocking top by the floats of said second mentioned thread.

2,105,868
FUEL AGITATOR
Henri A. Ridot, Paris, France, assignor to Société Anonyme: Fours et Appareils Stein, Paris, France, a corporation of France
Application October 2, 1934, Serial No. 746,595
In France October 23, 1933
1 Claim. (Cl. 110—44)



In combination, an underfeed furnace including a retort, a fuel agitator including a tubular member extending through a lateral wall of the furnace and immediately above the retort and mounted for oscillation about its longitudinal axis, tubular fingers carried by and communicating with said member and extending into the retort, means conducting a cooling fluid to said fingers, a gear on said member exterior to the furnace, a second gear meshing with said first gear, a crank connected with said second gear so as to impart an oscillatory motion thereto.

2,105,969
TRAVELING BAG FOR AUTOMOBILES
Weaver A. Rush, Beatrice, Nebr.
Application September 16, 1932, Serial No. 633,538
Renewed August 29, 1935
1 Claim. (Cl. 224—29)



In combination, an outer bag of flexible material adapted to be placed upon the top of an automobile and having a width less than that of the top of the automobile and a length substantially equal to that of the top of the automobile, the outer contour of the bag conforming substantially to that of the top, said bag having collapsible side walls, said bag being adapted to receive a collapsible inner bag, means for securing the outer bag in position upon the top of the automobile, a plurality of rings carried by the top side edge of said outer bag and a plurality of rings carried by the lower side edge of said outer bag and in staggered relation to the first mentioned rings, and a cord threaded through said rings whereby, when the cord is drawn, the side walls of the outer bag will be collapsed to an extent depending upon the thickness of the inner bag to draw the outer bag tightly about the inner bag.

2,105,990
DISPENSING DEVICE
Paul I. Schultz and James J. Pelouch, Cleveland, Ohio, assignors to The United States Air Compressor Company, Cleveland, Ohio, a corporation of Ohio
Application February 1, 1936, Serial No. 61,982
44 Claims. (Cl. 221—47.1)

1. The combination of a support for a container of fluid, said container having an opening in the top of the container, the said support having a base and a side member carried by the base, said side member being adapted to hold the said container on the said base, the said side member having a side through which the container may be moved, a pumping device carried by the said support for removing the fluid in the container, said pumping device having an inlet member adapted to be lowered through the opening in the top of the container into operative position in the



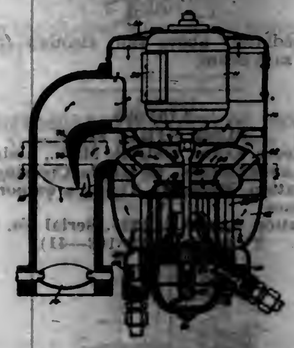
said container and adapted to be raised up from the opening in the container out of operative position so that the said container may be moved sidewards through the side of the support, and lift equalizing means carried by said support for counterbalancing part of the weight of said inlet member so that said inlet member may be raised and lowered through the opening in the top of the container with a minimum of auxiliary effort when the said container is moved in and out of its position on the support.

2,105,991
DISPENSING DEVICE
Paul I. Schultz and James J. Pelouch, Cleveland, Ohio, assignors to The United States Air Compressor Company, Cleveland, Ohio, a corporation of Ohio
Original application February 1, 1936, Serial No. 61,982. Divided and this application April 22, 1937, Serial No. 138,434
12 Claims. (Cl. 221—85)



1. A device for dispensing fluid from a container through an opening in the top of the container comprising, in combination, a holding member for accommodating said container, said holding member having a side portion through which said container may be moved, a cover for said holding member, a pump supported by said cover, the said pump having an inlet member adapted to be inserted through the opening of the container into said container, the said inlet member being adapted to be raised out of said container so that the container may be moved through the side portion of said holding member, and adapted to be lowered into said container so that fluid therein may be removed, and fluid means supported by said holding member for raising said inlet member.

2,105,992
LIQUID FUEL CONDITIONING APPARATUS
Charles P. Talmage, Kew Gardens, N. Y.
Application December 29, 1933, Serial No. 704,489
13 Claims. (Cl. 261—91)



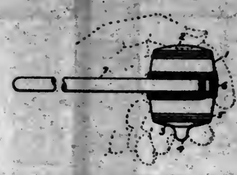
1. In a device of the character described, the combination of a saturation chamber communicating with the atmosphere at its upper end, a fuel cup mounted within said chamber for rotation on a vertical axis, power means to rotate said cup, means concentric with the rotary axis of said cup and communicating with the bottom thereof to feed liquid fuel upwardly into the cup as an incident to rotation thereof, a fan arranged to rotate with said cup to agitate and mix the atmosphere within the chamber, with fuel overflowing from, and thrown outwardly from the edge of said cup, an annular fuel collecting ring supported within said chamber and formed with a circumferential port providing communication between the interior of the chamber and the interior of the fuel ring, and a manifold connected to said fuel ring and opened to the atmosphere adjacent one end, and arranged to be connected with a fuel consuming means at its other end.

2,105,993
SHOT SHELL
William E. Wagner, Kilworthy, Ontario, Canada, assignor to Western Cartridge Company, East Alton, Ill., a corporation of Delaware
Application June 24, 1936, Serial No. 373,127
Renewed May 3, 1937
3 Claims. (Cl. 102—15)



2. A loaded shot shell having a primer and a propellant charge, the base of the shell having a well containing coarser grained propellant than the remainder of the charge and the well being dimensioned to control the ballistics of the shell.

2,105,994
WHIPPING TOP
Philip Zelenoff, Philadelphia, Pa.
Application July 13, 1937, Serial No. 153,165
1 Claim. (Cl. 46—70)



A whipping top comprising an approximately cylindrical main body of relatively large diameter having an arcuate convex upper surface and an arcuate convex lower surface, and a relatively thin cylindrical leg extending from the lower surface, the top being adapted to be set in rotation by a cord wound around its body portion, the lower surface around the leg forming an annular shoulder adapted to be supported on the player's fingers with the leg extending therebetween and therethrough, the upper surface of the top being adapted to be centrally held by the player's thumb, the top being adapted to be set in rotation by pulling the string, and the leg being adapted to guide the top in its initial rotation between the fingers, the top to be then dropped to the ground where the initial rotation keeps it in motion until the whip can be used to prolong the rotation indefinitely.

2,105,995
BRAKE BEAM SAFETY GUARD STRUCTURE
Edwin G. Busse, Chicago, Ill., assignor to Chicago Railway Equipment Company, Chicago, Ill., a corporation of Illinois
Application August 1, 1935, Serial No. 34,153
14 Claims. (Cl. 188—210)

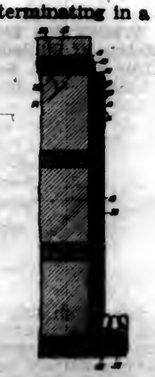


1. In combination, a railway truck side frame member, including a spring seat and a bracket extending upwardly and inwardly therefrom, spaced brake beams, and an elongated member having portions secured to said brake beams and having another portion offset laterally of the truck from said first-mentioned portions and extending immediately above said bracket and cooperating therewith to safeguard said assembly.

2,105,996
FLASHING
Edwin W. Byers, Chicago, Ill.
Application April 17, 1937, Serial No. 137,425
3 Claims. (Cl. 108—26)

1. A flashing comprising a metal sheet material having an end portion angularly bent at an

acute angle and terminating in a series of teeth,



said teeth being adapted to engage a wall surface and initially hold said flashing in place.

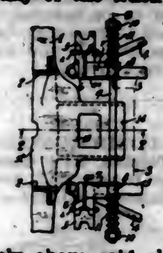
2,105,897
BACK CUSHION
Franklin O. Church, Buffalo, N. Y., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y., a corporation of New York
Application April 25, 1936, Serial No. 76,369
4 Claims. (Cl. 155—179)



1. A back cushion for vehicles having a base, a cushioning element mounted on said base composed of cellular resilient material and having recesses projecting forwardly from said base to provide a front slab and intersecting walls between said front slab and said base, a cover secured to said cushioning element in fixed position on the front area of said cushioning element and extending over the sides of said cushioning element towards said base and being freely movable in a vertical direction relatively to said base, said intersecting walls having less resistance to vertical movement than to sidewise movement.

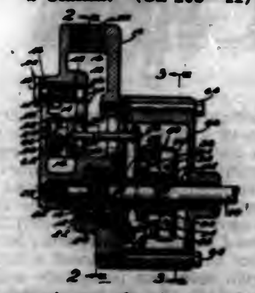
2,105,906
BRAKE BEAM SAFETY GUARD
Robert B. Cottrell, Chicago, Ill., assignor to Chicago Railway Equipment Company, Chicago, Ill., a corporation of Illinois
Application August 1, 1935, Serial No. 34,129
11 Claims. (Cl. 188—210)

1. In combination, a railway truck part having an upwardly facing element, a brake beam adjacent said part, a brake head carried by said beam, and a member carried by said head and extending longitudinally of the truck from said head



and immediately above said element for safeguarding said beam.

2,105,999
PUMP STRUCTURE
James Moore Evans, Detroit, Mich., assignor, by mesne assignments, to Grade Crossing Guard Corporation, Memphis, Tenn., a corporation of Tennessee
Application August 2, 1935, Serial No. 34,323
2 Claims. (Cl. 103—41)



1. In a pumping mechanism, a casing provided with outer enclosing walls and an interior wall to define separate inlet and outlet chambers disposed on opposite sides of the interior wall, a rotary impeller in said casing for transmitting fluid between said inlet and outlet chambers, said impeller being provided with a shaft projecting outwardly of said casing, said interior wall having an opening therein to form a by-pass connection between said chambers, a valve movably supported in said casing for opening and closing said opening and having an operating rod projecting outwardly of said casing, and a speed responsive means on said shaft having an operating connection between the shaft and the rod externally of the casing whereby said valve will be closed upon attainment of predetermined speed.

2,106,000
FAIRLEAD
Charles L. George, Findlay, Ohio, assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio, a corporation of Ohio
Application November 25, 1936, Serial No. 112,677
2 Claims. (Cl. 254—190)

2. In a fairlead, an annular guide frame having diametrically opposed bearing trunnions adapted when mounted to permit a rocking of the frame, a sheave frame mounted in said guide frame for swivel movements relative thereto about an axis at right angles to the rocking axis of the guide frame, a pair of peripherally opposed guide sheaves mounted in said sheave frame with their

axes in the plane of swivel movements of the sheave frame and with the cable guiding space



between the sheaves substantially coincident with said swivel axis.

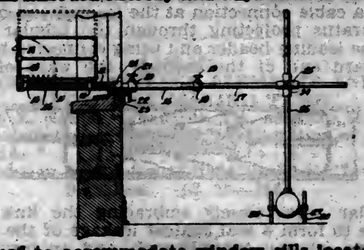
2,106,001
THERMOSTATIC CONTROL DEVICE
Otto J. Gross and Jay M. Woolhiser, Kenilworth, N. Y.
Application November 17, 1933, Serial No. 698,443
1 Claim. (Cl. 236—93)



A temperature regulator for a heating system comprising the combination of a metal casing consisting of a part forming a chamber and a part forming a removable cover for said chamber and having an aperture therethrough, an expansible diaphragm, fluid thermostat, a lever pivoted on the outside of said cover, and a member movable in said aperture for moving said lever, said diaphragm being loose in said chamber so as to be readily removed or replaced when said cover is removed, expansion of said diaphragm causing movement of said aperture member and said lever, and said casing having an outer surface shaped so that the regulator may be placed against an outer surface portion of the heating system in good thermal contact therewith.

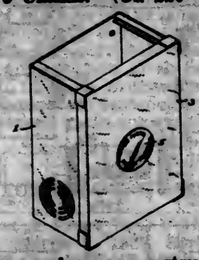
2,106,002
PORTABLE WINDOW SCAFFOLD
Eric E. Hall, Chicago, Ill.
Application January 6, 1937, Serial No. 119,296
7 Claims. (Cl. 304—24)

1. In a portable window scaffold, the combination of a platform adapted to be projected beyond a window sill, an adjustable extension rod supporting the platform at its outer end and adapted to rest upon a window sill, and a portable weighted member connected to the inner portion of the adjustable extension rod and adapted to rest upon the floor and to counter-balance the weight of the occupant of the platform, the weighted member being adjustable longitudinally of the extension rod to vary the leverage effect of the weight afforded thereby and adjustable vertically



thereof to accommodate window sills located at different levels above the floor.

2,106,003
TERMINAL BOX
Alfred Hewitt, Jamaica, N. Y., assignor to Metropolitan Device Corporation, a corporation of New York
Application March 14, 1936, Serial No. 68,844
6 Claims. (Cl. 220—55)



1. In a box and cover construction having an opening therethrough and a latch accessible through the opening for securing the cover on the box, the combination comprising a frangible insert including a section received in the opening and a flange abutting against the inner surface of the wall surrounding the opening, the flange having a diametrical groove therein, and a strap of less width than the frangible insert extending transversely of the opening for securing the frangible insert within the opening, the strap being of such width as to be received within the groove of the frangible insert.

2,106,004
DEVICE USED FOR COATING THE INTERIOR OF A WATER MAIN
Clinton Ingico, New York, N. Y., assignor to National Water Main Cleaning Co., New York, N. Y., a corporation of New York
Application May 20, 1937, Serial No. 143,636
3 Claims. (Cl. 204—5)

1. An apparatus for electrodepositing a protective coating from an electrolyte on the interior surfaces of metal conduits in which the latter receives a positive electric charge, comprising a negatively charged flexible cathode traversing said conduit, and nonconductive centering means carried by the flexible cathode and supporting the same at spaced intervals between its ends and throughout its length against contact with the conduit.

2. An electrodepositing apparatus, as claimed in claim 1, in which each of said inflated rubber bags has a tubular core open at its ends, said apparatus comprising further a link for the trailing end of the cathode projecting through the

tubular core of the rear header and being arranged to drag the latter along with the cathode, and a cable connection at the leading end of the apparatus projecting through the tubular core of the leading header and being connected to the forward end of the cathode, the walls of the



tubular cores closely embracing the link and cable to form a seal against leakage of the electrolyte solution therethrough, and an insulated wire connected to said cathode and projected through the tubular core of the leading header adjacent the said cable.

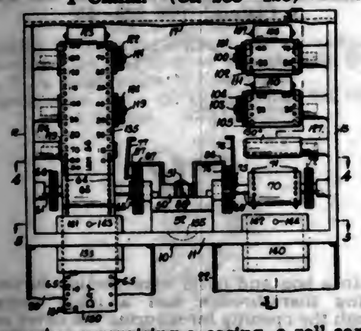
2,106,005

REGISTERING APPARATUS FOR MACHINES

Woodford A. Kennedy, Charlotte, N. C.

Application August 6, 1934, Serial No. 738,701

1 Claim. (Cl. 235—125)



A counter comprising a casing, a roll carrying a plurality of layers of printed tape mounted in the casing, each of said tapes having two offset rows of evenly spaced numbers printed thereon, and the marginal edges of the tapes being perforated, a feed roll mounted in the casing and having teeth projecting therefrom to engage the perforations in the tapes for feeding the same from the roll to the exterior of the casing, a slot in the casing through which the tape is expelled by movement of the feed roll, a driven shaft extending into the casing, a driving connection between the shaft and the feed roll, said casing having a window therein through which one of the rows of graduated numbers on the tape nearest the window is visible, the distance between the window and the exterior edge of the slot in the casing through which the tapes are expelled being such that the reading on one scale of evenly spaced numbers at the exterior of the slot is identical to the reading on the scale visible through the window, so that when the tapes are torn off at the exterior edge of the slot the last number appearing in one column will be identical to the number visible through the window.

2,106,006

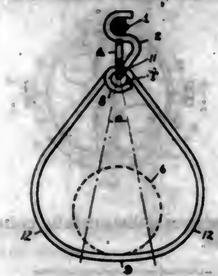
CABLE SUPPORTING DEVICE

Charles H. Klein, Cleveland, Ohio, assignor to The National Telephone Supply Company, Cleveland, Ohio, a corporation of Ohio

Application July 27, 1936, Serial No. 92,756

3 Claims. (Cl. 248—61)

3. A device of the character described comprising a cable supporting hanger having a lower portion in the form of an arc the center of which lies in the axis about which said hanger swings



during swinging movement of the cable supported thereby, said portion being of a length approximating the diameter of the cable to be supported by said hanger.

2,106,007

WIRE CONNECTING DEVICE

Charles H. Klein, Cleveland, Ohio, assignor to The National Telephone Supply Company, Cleveland, Ohio, a corporation of Ohio

Application September 9, 1936, Serial No. 99,977

7 Claims. (Cl. 173—263)



1. A wire connecting device comprising a tubular member having angularly related portions, said portions comprising complete tubes and an opening in the wall of said member at the junction of said portions, said opening being in alignment with the passage through one of said portions, and being of such size as to leave more than half of the cross section of the tubular member remaining at said junction.

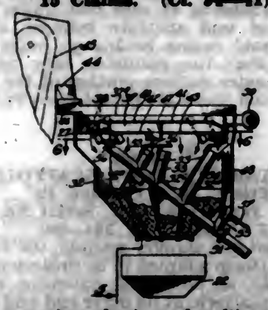
2,106,008

PORTABLE PAVING PLANT

George J. Kuhrts, Jr., Los Angeles, Calif., assignor to Standard Steel Works, Los Angeles, Calif., a corporation of California

Application December 24, 1934, Serial No. 758,954

15 Claims. (Cl. 94—41)



1. In a paving plant, a plurality of adjacently positioned aggregate bins, means for delivering different size aggregate to the separte bins, and an overflow pipe having a plurality of branches, each branch being open at its upper end and extending to the upper portion of a separate bin.

2,106,009

COOKY MOLDING DEVICE

Karrington M. Lee, Chicago, Ill.

Application November 2, 1936, Serial No. 108,796

2 Claims. (Cl. 107—10)



1. In a device of the type described, a base member having spaced supporting members pivotally mounted thereon, shoulders on said supports, centering members extending upwardly from said shoulders, a mold carrier having slotted ends adapted to rest on said shoulders and to receive said centering members, a mold on said mold carrier and extrusion members on said base member adapted to extend through said mold.

2,106,010

PROCESS OF PURIFICATION AND REGENERATION OF USED LUBRICATING OILS

Mario Giacomo Levi, Alberto Marietti, and Igino Ciarrocchi, Milan, Italy

No Drawing. Application February 23, 1935, Serial No. 7,252. In Italy April 23, 1934

10 Claims. (Cl. 196—16)

1. The step in the process of purification and regeneration of used lubricating oils comprising in the intimate mixing of such oils with anhydrous aluminum chloride at a temperature in the range between 130° C., and 140° C., to cause through polymerization complete precipitation of the impurities of a tarry, asphaltic or like nature contained in such used lubricating oil and to coagulate such tarry, asphaltic and like impurities into a sludge readily separable as a solid or semi-solid.

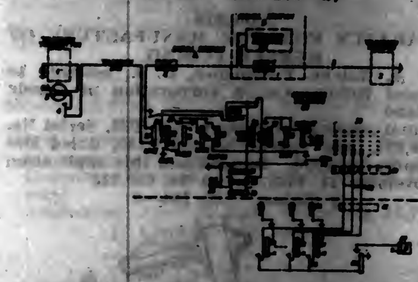
2,106,011

TELEGRAPH SYSTEM

Clarence E. Lemax, Oak Park, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware

Application November 7, 1935, Serial No. 48,655

8 Claims. (Cl. 178—8)



1. In combination, a line extending between a transmitting station and a receiving station, a selecting device associated with said line and located between the transmitting station and the receiving station, means for transmitting signals comprising codes of impulses over the line, said device normally being cut from under the control of signals transmitted over the line, timing means associated with the selecting device, means for transmitting a special signal of the same character as but of a length not encountered in ordinary transmission over the line, said timing means responsive only to said special signal for placing said selector under the control of the line at the termination of the said special signal, said selector thereafter responsive to signals over the line.

2,106,012

COLORED FASTENER ELEMENTS AND METHOD OF MAKING THEM

Frank E. Nedine, Meadville, Pa., assignor to Joy Manufacturing Company, a corporation of Delaware

Application September 15, 1934, Serial No. 744,184

9 Claims. (Cl. 29—148)



2. The method of producing colored fastener elements which includes, providing a plurality of fastener elements having a connected relationship with respect to each other, and covering a portion of the surfaces of the connected elements while submerging the elements within and subjecting them to an electrolytic dyeing solution, so that the covered portion of the surfaces of the elements will have its original color, and then severing the connected fastener elements and exposing the original grain color of the material.

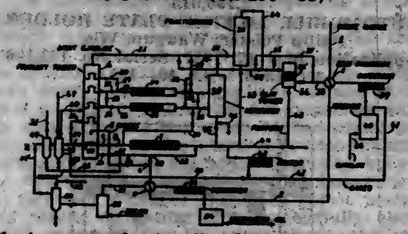
2,106,013

PROCESS FOR REFINING AND CRACKING OIL

Ernest A. Ocon, New York, N. Y.

Application March 8, 1937, Serial No. 129,578

13 Claims. (Cl. 196—53)



1. A process for treating bituminous materials such as mineral oils of wide boiling range substantially free from cracked materials to produce cracking stocks and valuable residual oils, which comprises vaporizing the initial bituminous charging stock with the aid of hot products from a saturating hydrogenation of hydrocarbon oils deficient in hydrogen by directly contacting said products while hot with the bituminous oil undergoing vaporization to form vapors and residual products, and fractionating the vapors to form non-refractory cracking stock distillates and valuable residual stocks substantially free from cracked materials.

2,106,014

ELECTRIC CURRENT CONVERTER

Joseph Maximus Pestarini, Grant City, Staten Island, N. Y.

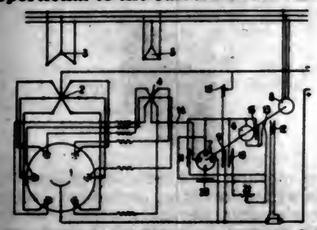
Application January 11, 1937, Serial No. 120,059

In France January 11, 1936

4 Claims. (Cl. 175—363)

1. In an electric converter unit, the combination with an alternating current supply line, a

direct current distribution line, a mercury vapour converter, a transformer of which the primary winding is connected to the alternating current line and the secondary star-shaped winding is connected to the anodes of said converter, of an induction regulator, of which the triangular primary winding is fed by the alternating current line and the star-shaped secondary winding is connected to the anodes of said converter, a control metadyne for the current of the converter unit, a variator for said control metadyne including a winding through which flows a variable current proportional to the current of the direct cur-



rent network, a modulator generator feeding a further winding of said variator, a shunt generator feeding direct current at constant voltage to a field winding of said modulator generator, a field winding for said modulator generator fed by a variable current proportional to the current of the direct current network, an amplifying metadyne having its secondary brushes connected with the neutral point of the induction regulator and the direct current line, respectively, and a secondary variator winding for said amplifying metadyne connected to the secondary brushes of the control metadyne.

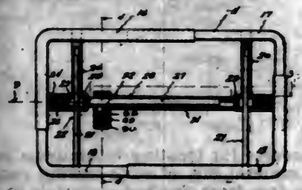
2,166,015

AUTOMOBILE LICENSE PLATE HOLDER

Philip Felster, Waupun, Wis.

Application May 17, 1937, Serial No. 143,100

3 Claims. (Cl. 40—125)



1. A holder for the license plates of automobiles comprising, a frame including a plurality of sections slidably connected together, said sections being of a U-shape in cross-section to receive the marginal edge of a plate, automatic means for preventing the separation of the sections after the sections have been slid toward one another to an adjusted position, manual means for rendering the automatic means inoperable, said manual means being so constructed and arranged as to be inaccessible when a plate is in the frame.

2,166,016

REED FOR MUSICAL INSTRUMENTS

Henry T. Prescott, Chicago, Ill.

Application July 3, 1935, Serial No. 29,617

2 Claims. (Cl. 84—363)

1. A reed for musical instruments comprising a body having a portion adapted to be clamped to the instrument and supporting a vibratable portion of flexible characteristics to be supported free of any clamp, said reed having portions cut out from the bottom to the top at its opposite edges between the vibratable portion and the



portion to be clamped, whereby the vibratable part of the reed is adapted to vibrate with respect to the major axis of the reed and also with respect to a transverse axis located in the vibratable portion thereof.

2,166,017

VALVE FOR BRAKES

Harold W. Price, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana

Application October 9, 1935, Serial No. 44,165

2 Claims. (Cl. 121—46.5)



1. For use with a power operating system, a valve for controlling the passage of fluid under differential pressure to a power operator, comprising a casing formed with an inlet port, an outlet, and an exhaust port, a valve member movable in said casing, a pressure responsive means movable with said valve member, and an operating element connected to said pressure responsive means, the valve member being formed with a longitudinally extending passage connecting a space adjacent the pressure responsive means with said outlet, and the casing being provided with an anti-rotation means extending into said passage.

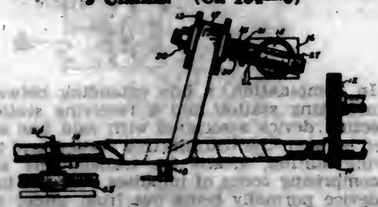
2,166,018

APPARATUS FOR THE MANUFACTURE OF RUBBER TUBING

Paul A. Raiche, Providence, R. I., assignor to Davol Rubber Co., a corporation of Rhode Island

Original application January 20, 1932, Serial No. 589,235, now Patent No. 1,940,145, dated December 19, 1933. Divided and this application November 21, 1933, Serial No. 699,018

9 Claims. (Cl. 154—6)



1. In a machine for forming rubber tubes, a rotatable mandrel, a rotatable carrier roll shaft mounted adjacent to said mandrel and adapted to carry a spool of strip rubber, mechanism for rotating said mandrel, a reciprocable hammer mounted adjacent said mandrel for hammering the seams of the strip rubber after it is wound

on said mandrel, and mechanism for relatively shifting the mandrel and hammer longitudinally along the axis of said mandrel.

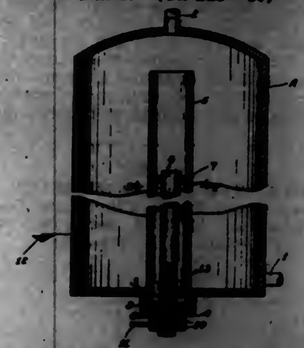
2,166,019

ELECTRIC WATER HEATER

Samuel Denyse Robertson, St. Louis, Mo., assignor to John J. Mitscherling, St. Louis, Mo.

Application August 5, 1935, Serial No. 34,096

1 Claim. (Cl. 219—40)



In an electric water heater, the combination with a container having an opening therethrough; of a closure cap for said opening; an outer shell electrode secured at its lower end from said cap and projecting into said container, and provided with water passage openings through its side wall adjacent its lowermost end; an inner electrode carried by said cap and spaced from and within said outer electrode, the lowermost end of said inner electrode being threaded and extended outwardly beyond said cap; an insulation element intermediate the ends of said water passage between and constantly engaging both of said electrodes; a washer within said cap and longitudinally engageable with said inner electrode but prevented against rotational movement relatively thereto; and rotatable locking means threadedly engageable with said inner electrode exteriorly of said cap, whereby the inner electrode may be held locked in its longitudinal adjustment.

2,166,020

MACHINE FOR SECURING HEADS IN CYLINDRICAL CONTAINERS

Albert H. Schmidlin, St. Joseph, Mich., assignor, by mesne assignments, to Seymour & Peck Company, Chicago, Ill., a corporation of Delaware

Application April 11, 1935, Serial No. 15,784

12 Claims. (Cl. 113—16)



1. Means for crimping a metal band of substantially uniform height about a container head, said means comprising a support for a shell having such a band to be crimped, a standard associated with the support, a lever pivotally carried by the standard, a member operably connected to the lever and adapted to surround the outer edge of the metal band and having a series of surfaces separated by V-shaped grooves and inclined inwardly at substantially 45° and adapted to engage the outer edge of the metal band at intervals therealong so as to crimp the metal band and bend it inwardly, and a second member having outwardly extending V-shaped fins operable in the grooves and said member being operably connected to the lever for pressing the crimped and inwardly bent edge of the metal band down against the head.

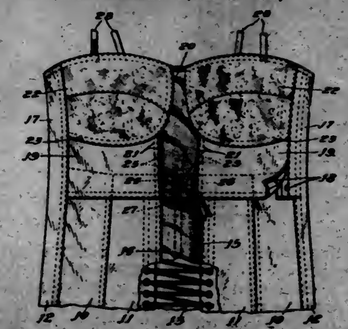
2,166,021

GARMENT

Charles H. Schopbach, Aurora, Ill., assignor to International Corset Company, Aurora, Ill., a corporation of Illinois

Application October 1, 1936, Serial No. 103,491

6 Claims. (Cl. 2—39)



1. A foundation garment comprising a corset having front and side portions and a brassière portion separate from each other at the front along the lower edge thereof with the sides of the brassière portion secured along the vertical front edges of the side portions, means in the front portion of the corset for positively varying and adjusting the width of the corset portion, and means in the brassière portion for automatically adjusting the brassière to the body of the wearer and compensating for variations in the adjusted width of the front corset portion, said means consisting of a horizontally elastic panel extending from the upper edge to the lower edge of the brassière portion and connected at its side margins to non-elastic portions of the brassière portion, the brassière portion overlying the adjustable corset portion and having greater elasticity in its lower than in its upper portion.

2,166,022

ELECTRIC FURNACE

Gilbert K. Sell, Oynwyd, Pa.

Application May 22, 1935, Serial No. 22,963

23 Claims. (Cl. 13—9)



1. In an electric furnace, a substantially horizontally located hollow electrode, electric connections for energizing the electrode, mechanism

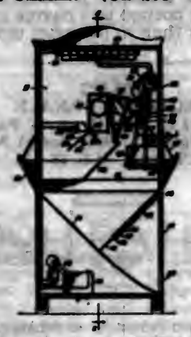
for positively feeding a succession of shaped charges to the furnace through the electrode, and means for rotating the electrode while energized and while having charges fed therethrough by virtue of which rotation erosion of the electrode is discouraged.

2,106,023
LUBRICANT DISPENSER
Harry R. Tear, Evanston, Ill., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware
Application March 3, 1937, Serial No. 128,723
30 Claims. (Cl. 221—47.3)



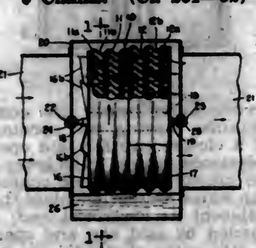
1. A dispenser comprising an original package of substantially cylindrical side wall shape and having a closed end adapted to be substantially wholly cut away, and means for cutting away said closed end and for forcing material through an opening in said closed end, comprising an annular knife engageable with said closed end adjacent said side wall to cut out said end and a cutter within the outline of said knife adapted to make an opening in said end, means for relatively moving the package and said knife and cutter to form an opening in said end and then cut it away from the side wall, and means for moving said cut end and said package relatively to each other to force the material from the package through said opening.

2,106,024
GAME APPARATUS
Milton E. Wood, Hitingville, N. Y.
Application February 10, 1937, Serial No. 124,991
2 Claims. (Cl. 272—102)



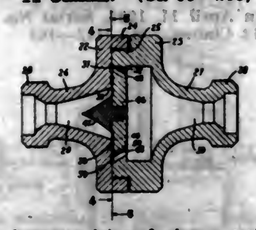
1. A game apparatus including a casing of general oblong shape having a flat front vertical wall and having a missile-receiving opening in said front wall in the upper portion thereof and having a second opening in the front wall below the first-mentioned opening and at a point appreciably above the bottom of the casing, said last-mentioned opening extending throughout the full width of the front wall, an inclined shelf on the front of the casing extending throughout the full width of the casing and in position to direct missiles which fall thereon through the said last-mentioned opening into the casing, a hopper in the casing into which missiles which enter the casing through either of said openings are collected, said casing having an outlet opening in its side wall near the lower end of the casing, and a manually operated gate on said hopper which when opened permits the missiles collected therein to fall through said outlet opening.

2,106,025
AIR FILTER AND HUMIDIFIER
Herbert Alfred Faber, Cincinnati, Ohio
Application July 14, 1936, Serial No. 90,457
6 Claims. (Cl. 261—92)



1. In an air filter and humidifier, a set of two mechanically balanced spiral units disposed laterally of each other, oppositely directed, and connected at their centers by a conduit communicating with means for mounting said set of units for rotation about an axis through their spiral centers, and a body of liquid disposed below the set of spiral units and maintained at a level whereby the outer free ends of the units will dip into the liquid at each revolution of the units.

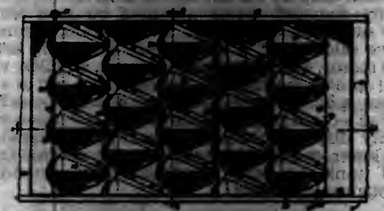
2,106,026
LIQUID HOMOGENIZING AND THE LIKE METHOD AND APPARATUS
John H. Gardner, Belding, Mich., assignor to Gardner Dairy Equipment Corporation, Grand Rapids, Mich., a corporation of Michigan
Application January 25, 1936, Serial No. 60,844
11 Claims. (Cl. 99—285)



1. In a homogenizing device, a pair of walled housing elements adapted to be connected in a liquid conduit flow line, one housing element having a passageway therethrough and laterally of the mouth of the passageway having a pair of annular concentric elevated planar faces thereon

providing an annular recess therebetween, the other housing element having a transverse wall provided with a corresponding pair of annular concentric elevated planar faces thereon providing an annular recess therebetween, means to clamp the two housing elements together with the elevated faces in pressure-sealed engagement, the recesses providing a sealed annular chamber, a plurality of generally radial grooves in one of the annular faces providing communication between the said housing elements, and conduit means extending through the said transverse wall effecting communication between the said annular chamber and the housing having the transverse wall.

2,106,027
RIFFLE
John F. Guest, Kelowna, British Columbia, Canada, assignor of one-half to Joseph L. Rosenberg, New York, N. Y.
Application August 7, 1936, Serial No. 94,769
10 Claims. (Cl. 209—458)



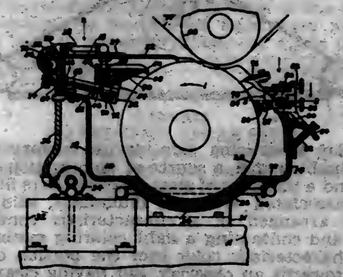
1. A riffle or classifier comprising a receiving pan, baffles in said pan, a floor situated above said pan, said floor being provided with a series of offset peaked members having triangular shaped sides open at their down-stream side, and means under said projections communicating with the receiving pan.

2,106,028
CLOSURE FOR TUBES AND THE LIKE
Karl David Heimsch, Stuttgart, Germany, and Otto Brunnert, Zurich, Switzerland, assignors, by direct and mesne assignments, to Julius Blech, Frankfort-on-the-Main, Germany
Application March 28, 1936, Serial No. 71,443
In Germany March 28, 1935
3 Claims. (Cl. 221—60)



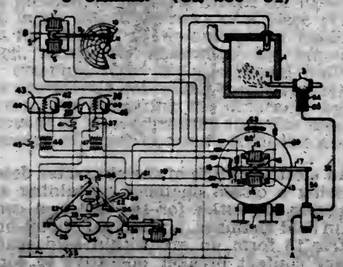
1. A closure for tubes, comprising in combination an externally screw threaded tube neck, a closure head consisting of a cylindrical lower part adapted to be removably fitted in said tube neck in frictional contact therewith and of a conical upper part with a base corresponding to the outer diameter of said tube neck and adapted to bear tightly against the top thereof so that its conical surface forms a continuation of the outer surface of said tube neck, said head having a plurality of passages extending from its lower end to the conical upper part below the top thereof, a screw cap adapted to be screwed on to said neck, an inwardly directed flange on the lower end of said cap adapted to limit the outward movement of said cap on said neck, said cap having a central aperture and a conical upper end corresponding to the upper part of said head, said cap adapted when screwed home to bear with its conical upper end against the conical part of said head and close said passages and when unscrewed to form an outlet passage for the contents of the tube through said passages in said head and through the central aperture in said cap.

2,106,029
INKING MECHANISM AND METHOD FOR PRINTING MACHINES
Albert J. Horton, White Plains, N. Y., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Application April 16, 1935, Serial No. 16,681
26 Claims. (Cl. 101—157)



1. In a printing machine, an ink fountain, a rotatable intaglio printing cylinder operable in the fountain, an auxiliary ink fountain within the fountain and comprising a receptacle of definite capacity, means for supplying ink to the auxiliary fountain, the auxiliary fountain overflowing to discharge ink therefrom by gravity onto the printing cylinder and into the fountain to form an ink body in the fountain in which the cylinder rotates.

2,106,030
MEASURING AND CONTROLLING APPARATUS
Raymond D. Junkins, Cleveland Heights, Ohio, assignor to Bailey Meter Company, a corporation of Delaware
Application June 26, 1934, Serial No. 732,477
5 Claims. (Cl. 236—84)



4. In combination, a thermo-couple sensitive to a variable, a potentiometer, a galvanometer under the joint control of the thermo-couple and the potentiometer, a motor having opposed fields for varying the effect of the potentiometer on the galvanometer, a pair of electron discharge devices each having a grid, a cathode and an anode, the cathode and anode of each of said devices connected in circuit with one of the motor fields,

for positively feeding a succession of shaped charges to the furnace through the electrode, and means for rotating the electrode while energized and while having charges fed therethrough by virtue of which rotation erosion of the electrode is discouraged.

2,106,023
LUBRICANT DISPENSER
Harry R. Tear, Evanston, Ill., assignor to The Lubrication Corporation, Chicago, Ill., a corporation of Delaware
Application March 3, 1937, Serial No. 128,723
30 Claims. (Cl. 221—47.3)



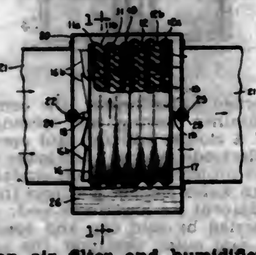
1. A dispenser comprising an original package of substantially cylindrical side wall shape and having a closed end adapted to be substantially wholly cut away, and means for cutting away said closed end and for forcing material through an opening in said closed end, comprising an annular knife engageable with said closed end adjacent said side wall to cut out said end and a cutter within the outline of said knife adapted to make an opening in said end, means for relatively moving the package and said knife and cutter to form an opening in said end and then cut it away from the side wall, and means for moving said cut end and said package relatively to each other to force the material from the package through said opening.

2,106,024
GAME APPARATUS
Milton E. Wood, Kingsville, N. Y.
Application February 10, 1937, Serial No. 124,991
2 Claims. (Cl. 273—102)



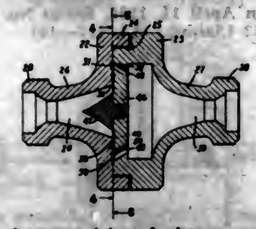
1. A game apparatus including a casing of general oblong shape having a flat front vertical wall and having a missile-receiving opening in said front wall in the upper portion thereof and having a second opening in the front wall below the first-mentioned opening and at a point appreciably above the bottom of the casing, said last-mentioned opening extending throughout the full width of the front wall, an inclined shelf on the front of the casing extending throughout the full width of the casing and in position to direct missiles which fall thereon through the said last-mentioned opening into the casing, a hopper in the casing into which missiles which enter the casing through either of said openings are collected, said casing having an outlet opening in its side wall near the lower end of the casing, and a manually operated gate on said hopper which when opened permits the missiles collected therein to fall through said outlet opening.

2,106,025
AIR FILTER AND HUMIDIFIER
Herbert Alfred Faber, Cincinnati, Ohio
Application July 14, 1936, Serial No. 90,457
6 Claims. (Cl. 261—92)



1. In an air filter and humidifier, a set of two mechanically balanced spiral units disposed laterally of each other, oppositely directed, and connected at their centers by a conduit communicating with means for mounting said set of units for rotation about an axis through their spiral centers, and a body of liquid disposed below the set of spiral units and maintained at a level whereby the outer free ends of the units will dip into the liquid at each revolution of the units.

2,106,026
LIQUID HOMOGENIZING AND THE LIKE METHOD AND APPARATUS
John H. Gardner, Belding, Mich., assignor to Gardner Dairy Equipment Corporation, Grand Rapids, Mich., a corporation of Michigan
Application January 25, 1936, Serial No. 60,244
11 Claims. (Cl. 92—265)



1. In a homogenising device, a pair of walled housing elements adapted to be connected in a liquid conduit flow line, one housing element having a passageway therethrough and laterally of the mouth of the passageway having a pair of annular concentric elevated planar faces thereon

providing an annular recess therebetween, the other housing element having a transverse wall provided with a corresponding pair of annular concentric elevated planar faces thereon providing an annular recess therebetween, means to clamp the two housing elements together with the elevated faces in pressure-sealed engagement, the recesses providing a sealed annular chamber, a plurality of generally radial grooves in one of the annular faces providing communication between the said housing elements, and conduit means extending through the said transverse wall effecting communication between the said annular chamber and the housing having the transverse wall.

2,106,027
RIFFLE
John F. Guest, Kelowna, British Columbia, Canada, assignor of one-half to Joseph L. Rosenberg, New York, N. Y.
Application August 7, 1936, Serial No. 94,769
10 Claims. (Cl. 209—453)



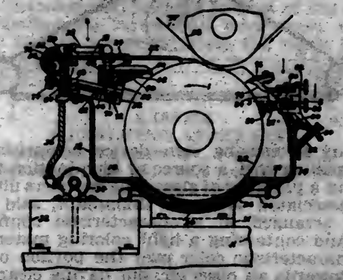
1. A riffle or classifier comprising a receiving pan, baffles in said pan, a floor situated above said pan, said floor being provided with a series of offset peaked members having triangular shaped sides open at their down-stream side, and means under said projections communicating with the receiving pan.

2,106,028
CLOSURE FOR TUBES AND THE LIKE
Karl David Heinsch, Stuttgart, Germany, and Otto Brunnert, Zurich, Switzerland, assignors, by direct and mesne assignments, to Julius Blech, Frankfort-on-the-Main, Germany
Application March 28, 1936, Serial No. 71,443
In Germany March 28, 1935
3 Claims. (Cl. 221—60)



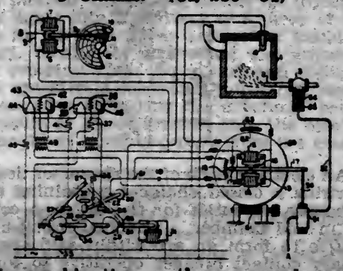
1. A closure for tubes, comprising in combination an externally screw threaded tube neck, a closure head consisting of a cylindrical lower part adapted to be removably fitted in said tube neck in frictional contact therewith and of a conical upper part with a base corresponding to the outer diameter of said tube neck and adapted to bear tightly against the top thereof so that its conical surface forms a continuation of the outer surface of said tube neck, said head having a plurality of passages extending from its lower end to the conical upper part below the top thereof, a screw cap adapted to be screwed on to said neck, an inwardly directed flange on the lower end of said cap adapted to limit the outward movement of said cap on said neck, said cap having a central aperture and a conical upper end corresponding to the upper part of said head, said cap adapted when screwed home to bear with its conical upper end against the conical part of said head and close said passages and when unscrewed to form an outlet passage for the contents of the tube through said passages in said head and through the central aperture in said cap.

2,106,029
INKING MECHANISM AND METHOD FOR PRINTING MACHINES
Albert J. Horton, White Plains, N. Y., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Application April 16, 1935, Serial No. 16,631
26 Claims. (Cl. 101—157)



1. In a printing machine, an ink fountain, a rotatable intaglio printing cylinder operable in the fountain, an auxiliary ink fountain within the fountain and comprising a receptacle of definite capacity, means for supplying ink to the auxiliary fountain, the auxiliary fountain overflowing to discharge ink therefrom by gravity onto the printing cylinder and into the fountain to form an ink body in the fountain in which the cylinder rotates.

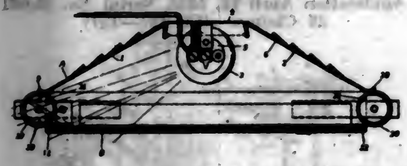
2,106,030
MEASURING AND CONTROLLING APPARATUS
Raymond D. Junkins, Cleveland Heights, Ohio, assignor to Bailey Meter Company, a corporation of Delaware
Application June 26, 1934, Serial No. 732,477
5 Claims. (Cl. 236—84)



4. In combination, a thermo-couple sensitive to a variable, a potentiometer, a galvanometer under the joint control of the thermo-couple and the potentiometer, a motor having opposed fields for varying the effect of the potentiometer on the galvanometer, a pair of electron discharge devices each having a grid, a cathode and an anode, the cathode and anode of each of said devices connected in circuit with one of the motor fields,

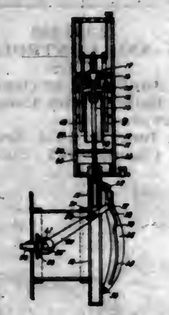
means for maintaining a normal potential relation between the grid and cathode of said devices, means controlled by the galvanometer for periodically in accordance with changes in the variable changing the grid-cathode relationship, control means for the variable operated by said motor, a second reversible motor connected in said circuit, and indicating means actuated by the second motor.

2,106,031
PSEUDO NEON SIGN
Joseph Harris Kleser, Brooklyn, N. Y.
Application March 11, 1937, Serial No. 130,213
4 Claims. (Cl. 40—132)



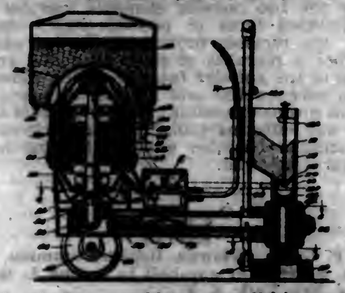
4. An advertising sign device comprising an illuminable panel, a source of illumination therefor, and a plurality of glass tube members illuminably associated with said illuminant, said tubes being arranged in a characteristic configuration, and containing a light coloring material of the characteristic color over the portion of said tube towards an observer, but having clear glass over a portion adjacent said illuminant.

2,106,032
ARC RUPTURING DEVICE FOR ELECTRIC SWITCHES
Emil Lange, Berlin-Zehlendorf, Germany
Application March 23, 1937, Serial No. 132,584
In Germany April 21, 1936
2 Claims. (Cl. 200—150)



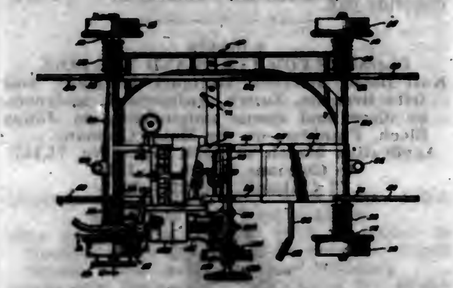
1. An electric switch of the character described comprising a closed chamber containing a fluid and having an outlet for the latter, a confined space in said chamber, a principal circuit breaker operative to form an arc within said space, an auxiliary contact breaker operative to form an arc at said outlet, said space being arranged so that the heating of its fluid by the arc will cause the fluid outside the space to be ejected through the outlet for rupturing the arc at the latter, a switch operating lever acting direct on the principal circuit breaker, and means co-operating with said lever for causing the auxiliary circuit breaker to break the circuit after the latter has been broken by the principal circuit breaker.

2,106,033
TERRAZZO GRINDING APPARATUS
Arthur William Moll, Chicago, Ill.
Application August 25, 1936, Serial No. 97,731
10 Claims. (Cl. 51—177)



2. A grinding, scrubbing or polishing machine comprising a horizontally disposed frame, a wheeled support for one end of said frame, a vertically disposed motor mounted on said frame over said wheeled support, a water tank mounted above said motor, a drive shaft extending below said motor, a driving pulley thereon, a hollow vertical spindle mounted in the extended end of said frame, a driven pulley thereon, a continuous belt geared to said pulleys, a universally mounted vertically disposed face grinding wheel secured to the lower end of said spindle and a conduit from said tank to said grinding wheel extending through said spindle.

2,106,034
RAIL GRINDER
Arthur William Moll, Chicago, Ill.
Application October 1, 1936, Serial No. 103,497
21 Claims. (Cl. 51—178)

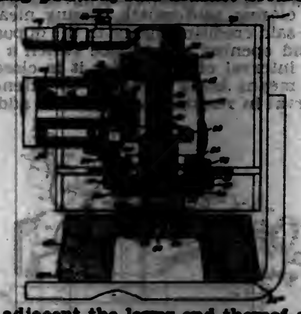


1. Apparatus of the class described comprising a rigid rectangular frame, a pair of parallel spaced axles supported thereby, wheels on both ends of both of said axles, a movable axle housing on each axle, a grinding wheel support frame carried by said housings, and a motor driven grinding wheel carried by said support frame, said support frame being capable of horizontal movement on said axles to provide a lateral adjustment for said grinding wheel.

2,106,035
TERRAZZO GRINDING ANGLE SPINDLE
Arthur William Moll, Chicago, Ill.
Application October 10, 1936, Serial No. 105,972
5 Claims. (Cl. 51—177)

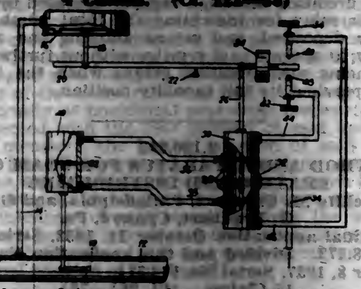
1. A terrazzo grinder comprising an angle shaped casing, a spindle therein, a grinding

wheel thereon, means for rotating said grinding wheel and a combined bracket and gauge for supporting said casing and associated parts in a working position, said bracket secured to said



casing adjacent the lower end thereof and comprising a plate, a member attached at right angles thereto and adjustable to gauge the distance the grinding wheel may be moved toward said wall.

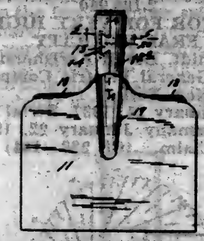
2,106,036
REGULATOR
George K. O'Connor, Wilmette, Ill., assignor to Smoot Engineering Corporation, Chicago, Ill., a corporation of Delaware
Application October 4, 1934, Serial No. 746,640
4 Claims. (Cl. 121—38)



1. A regulator comprising a weigh beam variably controlled in accordance with a condition to be controlled, a relay cylinder containing a double-acting piston, a control device for controlling said condition connected to said relay piston, fluid connections to opposite ends of said cylinder having a valve actuated by movements of said weigh beam, and fluid stabilizing means acting on said weigh beam and including oppositely-acting jets directed thereagainst and supplied with fluid from said cylinder and its connections.

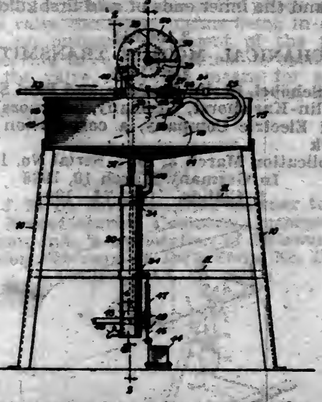
2,106,037
GARDEN TOOL
George Pirich, Minneapolis, Minn.
Application July 13, 1936, Serial No. 90,397
2 Claims. (Cl. 280—30)

2. In a garden tool, a blade having an extended portion bent into tubular form to form a handle-receiving socket, said extended portion, at one edge, having a dove-tailed ear, and at its other edge, a dove-tailed notch, said ear having an edge portion that projects under an adjacent portion of the socket hardening the notch, and a handle fit snugly in said socket, engagement of the dove-tailed ear in the dove-tailed notch serving to prevent circumferential opening of the handle-receiving socket under expanding pressure exerted by the handle, said dovetailed ear being locked against radial outward movement from the noteh by the over-and-underlapping engage-



ment therebetween and the portion of the socket surrounding the notch and being held against radial inward movement from the notch by the inserted handle.

2,106,038
MEASURING APPARATUS
Herbert Ramsey, Jr., Nutley, N. J.
Application May 20, 1937, Serial No. 143,651
8 Claims. (Cl. 99—258)



2. An apparatus for curing meat by the artery curing method, comprising means for injecting a curing liquid into the artery of a piece of meat, means for measuring the amount of liquid thus injected, means for measuring the amount of liquid escaping from the meat, and indicating means operatively connected to the two measuring means for indicating the difference between the amount of liquid injected into the meat and the amount of liquid escaping from the meat.

2,106,039
CONDENSER DIELECTRIC MATERIAL
Meyer M. Safford, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
No Drawing. Application December 12, 1935, Serial No. 54,698
9 Claims. (Cl. 154—2.6)

1. A condenser dielectric comprising an inorganic substance consisting of calcined titanium dioxide of such electrical characteristics that when mixed with 10 per cent shellac and molded into a disc 1/8 inch thick and 4 inches in diameter and its electrical properties measured at 1000

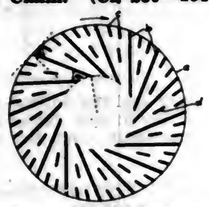
cycles, such disc possesses a power factor of not more than 3 and a dielectric constant of at least 22.

2,106,040

BLOWER ROTOR FOR VERY HIGH PERIPHERAL VELOCITY

Friedrich Schmidt, Berlin-Karlshorst, Germany, assignor to General Electric Company, a corporation of New York

Application January 11, 1937, Serial No. 120,074
In Germany January 22, 1936
1 Claim. (Cl. 230—134)



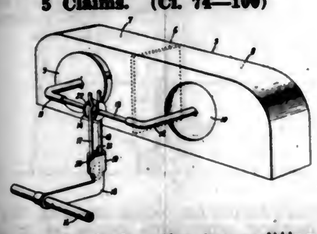
A blower rotor having vanes extending from the inlet to the outlet providing vane channels, short guide vanes within the vane channels extending inward from the outlet, and short guide vanes within the vane channels intermediate the inlet and the inner ends of said first guide vanes.

2,106,041

MECHANICAL MOTION TRANSMITTING DEVICE

Fritz Schöbel, Berlin-Pankow, and Paul Schubert, Berlin-Karlshorst, Germany, assignors to General Electric Company, a corporation of New York

Application March 3, 1937, Serial No. 128,842
In Germany March 10, 1936
5 Claims. (Cl. 74—100)



1. In a mechanical motion transmitting device, the combination of an operated member provided with a cylindrical surface and arranged to move in a straight line between two end positions, an operating member including a crank provided with a pair of resilient members adjacent opposite sides of said cylindrical surface and arranged to move transversely of said operated member during its linear movement, and a tapered projection on one of said resilient members arranged to move past said operated member during said transverse movement to force apart said spaced members thereby creating an unstable condition between the two end positions of said operated member.

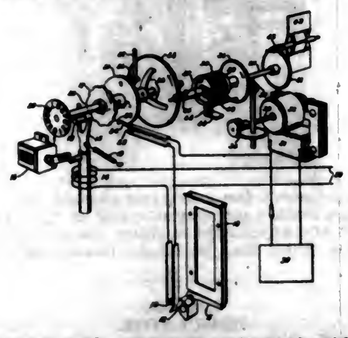
2,106,042

COIN CONTROLLED TIME SWITCH

Julian H. Stark, Fort Wayne, Ind., assignor to General Electric Company, a corporation of New York

Application March 8, 1932, Serial No. 597,502
4 Claims. (Cl. 194—6)

1. A coin-operated time switch comprising a credit relay, a coin chute, means responsive to the deposit of a coin in said chute for momentarily energizing said credit relay, a service switch, a movable crediting means actuated in one direction in response to the operation of said relay for closing said switch, timing means for actuating said crediting means in the opposite direction and opening said service switch a predetermined interval of time after it is closed, the crediting means being arranged to extend such time interval in response to deposit of additional



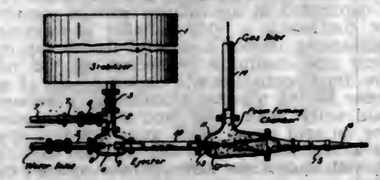
coins and the repeated operation of said relay at any given time in proportion to the number of additional coins thus deposited up to a given maximum corresponding to the full capacity of said crediting means, a register operated by said credit relay for indicating the total number of coins deposited, and means allowing the credit relay to operate said register without further influencing said crediting means when the latter has reached its full capacity position.

2,106,043

METHOD AND APPARATUS FOR FOAM GENERATING AND DISTRIBUTING

Radcliffe M. Urquhart, Philadelphia, and George G. Urquhart, Cynwyd, Pa.

Original application October 18, 1932, Serial No. 638,272. Divided and this application November 8, 1937, Serial No. 173,514
15 Claims. (Cl. 261—76)



1. Method of producing foam, comprising subjecting a foam-forming material to mechanical subdivision induced by turbulent flow; injecting a stream of gas under pressure from an exterior source into the material while so subdivided, further mechanically subdividing the foam, and then withdrawing it at least partially by pressure of the gas.

12. Method of producing a fire-extinguishing foam which comprises ejecting one or more high velocity streams of liquid from a corresponding number of nozzles in such manner as to impart a high degree of turbulence to the body of said stream of liquid, thereby finely subdividing the same, and entraining gas into and by means of the resulting stream of subdivided liquid in the presence of a foam-promoting agent.

2,106,044

DISAPPEARING WALL CABINET BOARD

Lawrence Remaine Young, Seattle, Wash.

Application July 2, 1935, Serial No. 29,628
2 Claims. (Cl. 38—127)



2. In wall cabinet means for installation between the outer and inner portions of a wall, which outer and inner wall portions are spaced apart by standard two by four inch studding; a wall cabinet of shallow depth positioned between said inner and outer wall portions, said wall cabinet having a doorway in its upper portion substantially shorter than said cabinet; a disappearing board member of substantially greater length than said doorway and slightly less length than said cabinet movable through said doorway into and out of said cabinet; groove and pin means guiding the lower end of said board member for vertical movement in said cabinet; a horizontal front cross piece adjustably and rigidly connected with the front portion of said upright side members, said side members having notches at a plurality of elevations receiving said cross piece; and a plurality of horizontal rear cross pieces rigidly connected with the rear portion of said upright side members, the bottom of each of said rear cross pieces being spaced above the plane occupied by the top of said front cross piece for each location provided by said notches a distance equal to the thickness of said board, whereby the board will rest on the top of said front cross piece and engage below one of said rear cross pieces for each vertical position of the board.

2,106,045

FISHING DEVICE

Andrew M. Zambersky, Cleveland, Ohio

Application August 14, 1936, Serial No. 96,087
3 Claims. (Cl. 43—53)



1. A device of the character set forth comprising an elongated body having sides and end walls converging toward its upper end and formed in its upper end portion with an opening, one side of said body being provided with ribs extending substantially in the direction of pull on said device.

2,106,046

MARKING IMPLEMENT

Sidney D. Barlow and Philip Sussman, New York, N. Y.

Application August 6, 1937, Serial No. 157,688
12 Claims. (Cl. 120—43)

1. A marking implement including a casing having rigid walls and being provided with a transverse partition dividing said casing into a reservoir chamber for a marking fluid and a feed chamber for said fluid, valve controlled means intercommunicating said chambers, piston means in the feed chamber, said piston means having a tubular member movable therewith and at one end communicating with the feed chamber and at its other end projecting from the casing, a marking point valve in said projecting end of the tubular member normally closing the



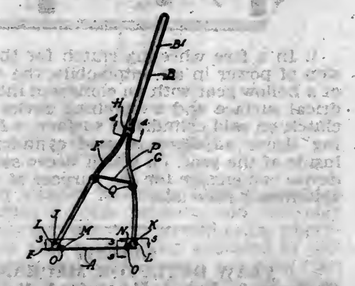
same and being mounted so as to be responsive to axial writing or marking pressure to move to open position so as to permit a discharge of the marking fluid under pressure of the piston means, with the valve controlled means being in closed position, an outward movement of the piston means serving to cause movement to open position of the valve controlled means for a flow of the marking fluid from the reservoir to the feed chamber.

2,106,047

WEED CUTTER

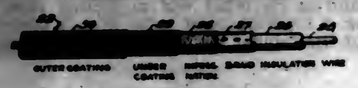
Francis J. Birge, Seymour, Ind., assignor to Seymour Manufacturing Company, Incorporated, Seymour, Ind., a corporation of Delaware

Application February 26, 1937, Serial No. 127,866
2 Claims. (Cl. 30—318)



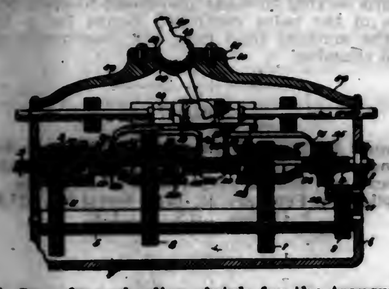
1. In a tool, the combination of a blade, a wooden handle member made from rounded stock and bifurcated through a portion of its length to provide a pair of resilient arms integral with the handle and each of substantially semi-circular cross-section, said arms extending divergently toward opposite ends of the blade with a reinforcement applied to the handle member adjacent the point at which said arms diverge to oppose any tendency of said member to split beyond said point, means securing the ends of the arms to the blade adjacent its opposite ends respectively, and a spreader secured between the arms intermediate their ends and the point of bifurcation, flexing them apart and causing them to exert tension on the blade.

2,106,648
CODED WIRE
Albert T. Candy, Jr., Oak Park, Ill., assignor to Candy & Company, Inc., Chicago, Ill., a corporation of Illinois
Application November 12, 1932, Serial No. 642,278
2 Claims. (Cl. 173—264)



1. The method of coding and identifying individual conductors of a group of similar insulated electric conductors which consists in providing each individual conductor with a colored under coating externally of the insulation and an outer coating of a different color, some of the conductors having outer coatings of the same color and inner coatings of different colors, assembling the conductors in a group and scraping off regions of the exposed coatings to reveal the color of the under coatings without substantially impairing the insulation of the conductor as a whole at such regions.

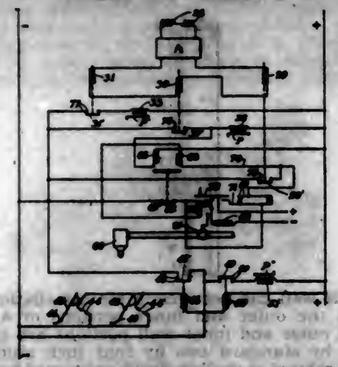
2,106,649
FREEWHEELING CLUTCH
Nicholas A. Culmsel, Rochester, N. Y.
Application March 24, 1932, Serial No. 600,967
12 Claims. (Cl. 192—46)



1. In a free wheeling clutch for the transmission of power in an automobile, the combination of a hollow gear with an elongated internal cylindrical surface and a clutching device adapted to clutch on said cylindrical surface, a freely rotating sleeve adjacent to said cylindrical surface inside of the gear, on which sleeve said clutching device can engage for the purpose of running the clutching device idle.

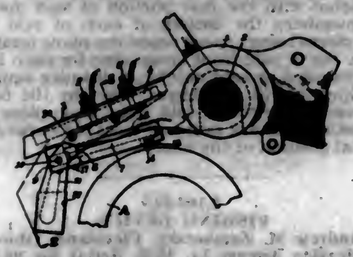
2,106,650
FLAW DETECTOR MECHANISM
Harcourt C. Drake, Hempstead, N. Y., assignor to Sperry Products, Inc., Brooklyn, N. Y., a corporation of New York
Application October 28, 1933, Serial No. 695,611
1 Claim. (Cl. 177—311)

In a flaw detector mechanism for electrical conductors having means responsive to flaw, said responsive means being adapted to generate an electric impulse in the region of flaw, marking means for placing a mark on the conductor when said responsive means detects a flaw, means including an electric circuit whereby said responsive means actuates said marking means, means including a split coil relay for controlling said circuit, means responsive to said impulses in excess of a predetermined magnitude and adapted to energize one coil of said relay, means responsive to said impulses of lesser magnitude than said preceding means and adapted to energize the other coil of said relay, said second coil, when energized, being insufficient to close



said circuit but sufficient to act as a holding coil, and means for establishing an independent circuit through said second coil when said first circuit is closed.

2,106,651
ELECTROMECHANICAL TRANSLATING DEVICE
Orville M. Dunning, East Orange, N. J., assignor to Thomas A. Edison, Incorporated, West Orange, N. J., a corporation of New Jersey
Application December 6, 1933, Serial No. 701,247
20 Claims. (Cl. 179—100.41)



12. In an electrical recorder including a device for engraving oscillations in a record, said device being adapted for bias against the record and being responsive to modulations of said bias: a piezoelectric bending unit carrying said device above the record, supported for unitary movement toward and away from the record, positioned for bending in the direction of such movement, and having a mass which provides a substantial portion of said bias.

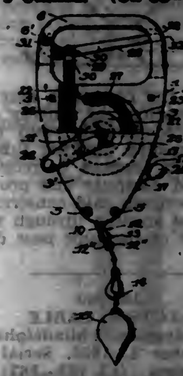
2,106,652
BAKE OVEN
John Faulds, Oak Park, Ill.
Application June 3, 1936, Serial No. 83,288
6 Claims. (Cl. 107—99)

1. In a bake oven, in combination, a casing, a horizontal shaft pivotally mounted within the casing, a reel mounted on the shaft and comprising a pair of end elements, shelves arranged in vertically disposed pairs pivotally mounted on the reel, a side wall of the casing parallel with the axis of the reel being provided with an inwardly inclined deflector for directing ascending



vapor currents inwardly between the shelves of an ascending pair.

2,106,653
GAUGE TAPE CASE
Virgil T. Lainger, Arkansas City, Kans.
Application January 2, 1937, Serial No. 118,770
5 Claims. (Cl. 33—138)



1. In combination with a flexible measuring tape, a case having a handle, a tape spool and a brake drum rigidly disposed on a common shaft thus forming an integral member, said member being rotatably mounted in said case and said tape being attached to said spool, a brake band frictionally engaging said drum, and a brake lever pivotally linked to said band, said lever being hung within and co-planar to said handle.

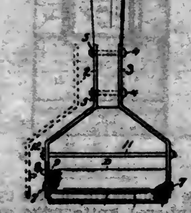
2,106,654
MULTIPLE SWITCH
Lawrence C. Leighton, Cristobal, Panama, Canal Zone
Application July 18, 1935, Serial No. 32,263
4 Claims. (Cl. 200—11)

1. A multiple switch comprising a plurality of contact supporting plates, means for supporting said plates in spaced relation, a series of contact fingers mounted upon said plates, a pair of end plates, means for supporting said end plates in spaced relation with said contact supporting plates, a shaft journaled in said end plates, a plurality of contact members carried by said shaft, said shaft being movable axially with respect to one of said end plates and adapted to be moved by the other of said end plates for positioning said contact members in contact engaging relation with said contact fingers, and



means for adjusting the position of said movable end plate for maintaining operative contact pressure between said contact members and said contact fingers.

2,106,655
HAND SCRAPER
Glen D. Lang, Kansas City, Mo.
Application March 5, 1936, Serial No. 67,233
3 Claims. (Cl. 30—169)



1. A hand scraper having a handle provided with two arms, a blade between and rotatably mounted at its opposite ends on said arms, whereby said blade may be rotatably adjusted to different positions, said blade having a cutting edge parallel with the axis of said blade, the latter having in each end holes arranged in a circle concentric with said axis and in staggered relation to the holes in the other end, said blade being endwise reversible between said arms, and a locking pin extending inwardly from one of said arms and adapted to enter any one of said holes in the adjacent end to hold the blade from turning in either direction.

2,106,656
HAIR NET
Donald R. McCown, San Diego, Calif.
Application September 25, 1935, Serial No. 41,011
7 Claims. (Cl. 132—49)

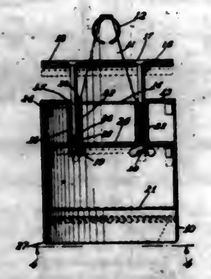
1. In a hair net, a plurality of section members formed of foraminous cloth of sufficient body

to permit stitching, said section members sewed together along portions of their margins to form a substantially semi-spherical head covering, one side of said structure being open upwardly some distance from the lower margin to form the mid-



die back side of said net, and the sides of said open portion being adapted to fold into overlapped relation at the back, and some of said sections being formed in folded secured reinforcing relation from said opening forwardly to provide an adjustable head fitting foraminous structure.

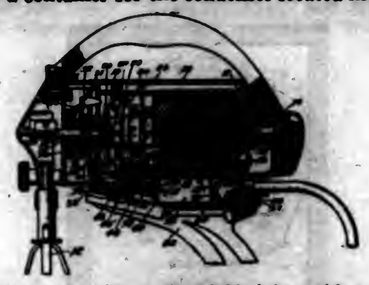
2,106,057
COOKING TOOL
Angelo Napolillo, Chicago, Ill.
Application July 11, 1936, Serial No. 90,054
5 Claims. (Cl. 107—49)



1. A cooking tool comprising a cylindrical form having a peripheral knife edge and upstanding arms, a handle connecting the ends of the arms together, a mold slidably arranged in the form and having a plurality of scallop forming fingers, spring means for retracting the mold within the form, a plate member having operative connection with the mold and disposed contiguous the handle whereby to receive the pressure of the hand of the operator when grasping the handle.

2,106,058
ELECTRIC MOTOR
Emanuel Nielsen and Victor A. Parts, Racine, Wis., assignors to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application December 19, 1936, Serial No. 116,767
19 Claims. (Cl. 171—252)

1. An electrical motor comprising a casing providing a main chamber for housing the motor shaft and conventional motor parts, the casing walls being extended laterally and providing an auxiliary chamber separated from the main chamber by part of the casing wall, a condenser, and a container for the condenser located in said



auxiliary chamber and shielded by said casing walls.

2,106,059
CIGARETTE EXTINGUISHER
Daniel F. Norton, Chicago, Ill.
Application February 18, 1935, Serial No. 6,996
2 Claims. (Cl. 131—51)



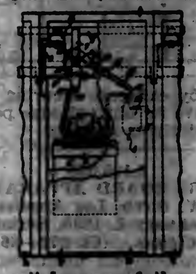
1. A device of the character described, comprising in combination, an ashtray and an extinguisher mounted thereon, said extinguisher comprising an inclined tapering tube, having a constricted portion adapted to receive and extinguish a lighted cigarette and provided in its lower side wall beneath said constricted portion with an elongated opening through which ashes from the interior of the tube pass directly into the tray.

2,106,060
ELECTRIC CABLE
John K. Ostrander, Philadelphia, Pa.
Application October 1, 1935, Serial No. 43,044
7 Claims. (Cl. 172—267)



1. An electric cable comprising an inner conductor, a body of insulation therefor, and a second conductor surrounding the insulation and forming a protective armor therefor, said conductor comprising sets of bare conductors, the metal of one set being hard, untwisted and of circular cross-section, and that of the other set being soft and of rectangular cross-section, the total cross section of all of the hard wires being greater than that of the soft wires, all of said wires being spirally wrapped around the insulation with the soft wires so twisted as to occupy radial positions between each two hard wires, the side walls of the soft wires having shallow seats formed therein by sidewise pressure on the hard wires and in which they are permanently located, the hard and soft wires being spirally wrapped and interlocked with the round wires making tight fits with the seats throughout their length.

2,106,061
ELECTRIC SWITCH GEAR
Robert Paxton, Drexel Hill, Pa., assignor to General Electric Company, a corporation of New York
Application March 12, 1936, Serial No. 68,430
7 Claims. (Cl. 175—228)



1. Electric switch gear of the metal enclosed unit type comprising a supporting frame, a circuit breaker and busbar structure mounted in said frame, a partition forming in said frame compartments for said circuit breaker and busbar structure, respectively, said partition having a substantially right angle flange overhanging said partition at one side thereof forming therewith a unit independent of the switchgear enclosure, and insulating structure mounted on said flange for supporting said busbar structure in spaced relation to said partition.

2,106,062
CIGARETTE OR CIGAR
Arthur Daniel Hawkings, Buxton, England
Application October 5, 1935, Serial No. 43,723
In Great Britain October 9, 1934
1 Claim. (Cl. 131—52)



As an article of manufacture, a smokable roll, a strip of material of uniform width wound into a roll having a bore and the outer end portion of the strip secured to one end of the smokable roll with one edge of the wound strip adjacent the smokable roll, a tubular mouthpiece having an exterior enlargement at one end engaged in the bore of the wound strip to extend substantially the length of the wound strip with the enlargement abutting the outer edge of the wound strip and the portion of the mouthpiece engaged in the bore of the wound strip secured to the inner end portion of the strip, the enlargement providing means for drawing out the wound strip to form a tapered tube and the portion of the mouthpiece engaged in the wound strip forming a supporting core for the outer end of said tapered tube to prevent the collapsing of said end of the tapered tube.

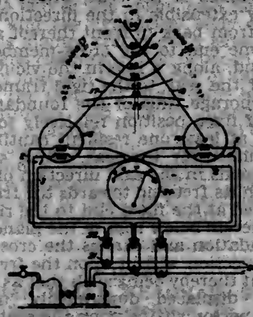
2,106,063
INDUSTRIAL TRUCK
Edward H. Rands, Cleveland, Ohio, assignor to The Baker-Raulang Company, Cleveland, Ohio, a corporation of Ohio
Application August 16, 1935, Serial No. 36,522
6 Claims. (Cl. 280—35)

1. In an industrial truck, the combination of a frame having a low load supporting portion at one end, power driven wheels for supporting the other end of said frame, a sub-frame trunnioned on said low frame portion, inner and outer opposed pairs of knuckle mounted steerable wheels carried by the inner and outer ends respectively of said sub-frame and arranged to support the load carrying portion of said frame, and steering connections between said steerable wheels arranged to steer all thereof simultaneously about a common center, said connections including an



arm connected to the spindle of each wheel and extending toward the opposite pair of wheels, separate members free from attachment to said sub-frame for connecting the arms of each pair of wheels together, said members being disposed above and substantially transversely of said low frame portion and between said pairs of steerable wheels, and another member free from attachment to said sub-frame connecting one arm of one pair of wheels to one arm of the opposite pair of wheels.

2,106,064
LOAD INDICATOR FOR THREE-PHASE GENERATORS
Theodore A. Rich, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application December 12, 1935, Serial No. 54,675
6 Claims. (Cl. 172—245)

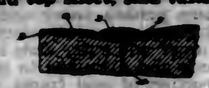


3. Safe current load measuring apparatus for a three-phase system, the phase currents of which may be designated I_1, I_2, and I_3, respectively, a ratio meter for measuring the ratio I_3/I_1, a second ratio meter for measuring the ratio I_2/I_1, indicating pointers for said ratio meters which swing in parallel planes and cross each other when the ratio measurements do not exceed unity, an ammeter for measuring the phase I_1 current, and a chart graduated in terms of the phase I_1 current as measured by said ammeter on which chart the crossing point of said pointers indicates the maximum safe phase I_1 current load that may be carried by the system.

2,106,065
MATTRESS
Edward Rose, Newton, Mass., assignor to Rose-Derry Company, Newton, Mass., a corporation of Massachusetts
Application October 24, 1936, Serial No. 107,429
1 Claim. (Cl. 5—356)

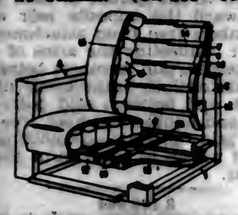
A mattress including a waterproof top sheet,

tufts located at suitable intervals on said sheet and secured in place by cords passing through holes in said top sheet, said tufts being secured



to said top sheet by waterproof cement cooperating with the tufts to form a seal against the passage of water through said holes.

2,106,966
CHAIR, SETTEE, OR LIKE FURNITURE
William Howard Sedgrove, Weybridge, England
Application September 23, 1936, Serial No. 101,991
In Great Britain January 30, 1936
10 Claims. (Cl. 155—56)



10. In a chair, settee or like article of furniture whereof the seat is upholstered or is constructed for use with loose cushions, the combination comprising a rigid frame for the article, a cross-member forming the front edge of the seat of the article, a foundation for supporting the upholstery or cushions of the seat, which foundation is elastically extensible in the direction of depth of the seat from back to front thereof and is anchored at one end to the cross-member and at the other end, along a line in the vicinity of the rear edge of the seat, to the rigid frame, the line of rear anchorage thus of the foundation being therefore, of fixed position relatively to the rigid frame, and at least one resilient cantilever supporting member for the seat, which supporting member extends in the said direction of depth of the seat with its free end towards the front thereof, is fastened at the fixed end to the rigid frame at a level therein below that of the plane occupied by the foundation and carries the cross-member in rigid connection with it upon the free end, the arrangement thereby being such that as the cross-member is displaced downwardly, under the weight of a person sitting upon the seat, it moves along a path of increasing distance from the said line of rear anchorage of the foundation, partly against the resultant pull of the foundation and partly against the upward thrust of the supporting member.

2,106,967
SHINGLE
Frank H. Schmidt, Hillsboro, Ohio
Application July 28, 1936, Serial No. 93,079
1 Claim. (Cl. 108—8)

A shingle, comprising an elongated flat sheet of material having an unbroken edge contour throughout and an undersurface which is flat and unbroken throughout, said strip being tapered from a line extending longitudinally and inset a substantial distance from one longitudinal edge to the adjacent edge, a plurality of ribs formed upon the top surface of and integral with the strip and extending from the other longitudinal edge transversely of the strip and terminating short of said taper line, and said shingle being slightly bowed transversely, the concave side being the underside of the shingle whereby the shingle when



flattened out by elements securing it to a roof surface will have its tapered edge pressed firmly against the underlying surface.

2,106,968
DIVING BOARD APPARATUS
Charles W. Birch, Los Angeles, Calif.
Application January 2, 1936, Serial No. 57,192
12 Claims. (Cl. 272—66)



5. In a diving board apparatus, a frame structure, means for securing one end of said board to said frame, a horizontal track, a fulcrum member mounted on said track and adapted to support said board at a constant angle from the horizontal and at predetermined intermediate points, and means for moving said fulcrum member along said track while said board, including the weight of the diver, is resting upon said fulcrum.

2,106,969
HAT CLEANING TOOL
Lester C. Smith, West Hartford, Conn., assignor to The Spencer Turbine Company, Hartford, Conn., a corporation of Connecticut
Application July 19, 1935, Serial No. 32,216
5 Claims. (Cl. 223—23)

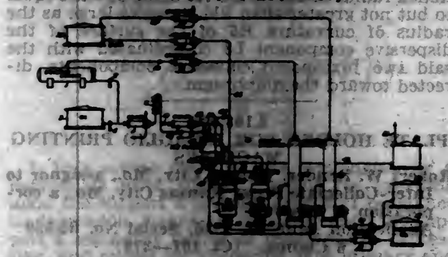


1. A hat blank cleaning tool comprising a crown of the general shape of a hat block and having a slot opening inwardly from the outer surface of said crown to a chamber therein, said slot permitting access to substantially the entire surface of said blank when slid on said crown, a valve to regulate the length of said slot, and means for attachment of a hose or similar device for creating a partial vacuum within said chamber.

2,106,970
DRAFTING OR LAY-OUT APPARATUS
Chester A. Speir, Laurel, Quebec, Canada, assignor to The Chester A. Speir Syndicate, Ottawa, Ontario, Canada
Application October 11, 1935, Serial No. 44,891.
Renewed December 16, 1937. In Canada April 30, 1935
16 Claims. (Cl. 33—110)

1. The combination with a measuring instrument, of a lay-out tool or instrument having at least one edge, an apparatus mounted thereon and embodying an indicating member movably mounted to be moved by said apparatus in a direction substantially parallel to said edge of said lay-out tool or instrument and relative to said measuring instrument for measurement indication.

2,106,971
DECOLORIZING PETROLEUM OILS
Robert E. Stanton, Denver, Colo., assignor to The Petroleum Processes Corporation, Wichita, Kans., a corporation of Kansas
Application March 7, 1934, Serial No. 714,494
1 Claim. (Cl. 196—147)



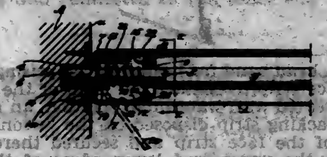
The herein disclosed process of refining viscous lubricating oils, which comprises dissolving and heating to from about 100° to about 125° F. viscous lubricating oil in liquefied normally gaseous hydrocarbon under pressure sufficient to maintain the solvent liquid and at elevated temperatures, removing suspended matter for which the solvent has an antagonistic effect at such temperature by passing the solution through a bed of inert filtering medium and then decolorizing by passing said solution directly and continuously from said inert filter bed through a bed of adsorbent decolorizing medium.

2,106,972
LINGERIE STRAP HOLDER
Julia A. St. Clair, San Francisco, Calif.
Application September 11, 1937, Serial No. 163,474
1 Claim. (Cl. 24—95)



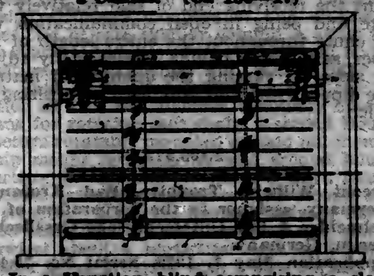
A lingerie holder made of a single piece of wire stock and comprising a bar member having a terminal point, said member being formed into a coil at a suitable distance from the point and extending thence in substantial parallelism with the bar member to provide a second bar member, then reversed upon itself in a single U-bend to provide a third bar member spaced and terminating in a closed loop which is resiliently held in contact with said coil, in combination with a sheet metal guard permanently and rigidly attached to the second bar member by having portions doubled over to enclose the wire of said member in proximity to said bend and provided with a receiving portion for the pin point when the pin is closed.

2,106,973
SHADE ROLLER PLUNGER TRUNNION
Walter J. Stuber, Philadelphia, Pa., assignor to Carey-McFall Co., Philadelphia, Pa., a corporation of Pennsylvania
Application October 27, 1934, Serial No. 750,360
12 Claims. (Cl. 156—36)



7. A hollow open ended shade roller comprising a substantially cylindrical wall having a rib extending longitudinally thereof, a preassembled bung unit comprising a cup-shaped element consisting of a substantially cylindrical body and an integral bottom plate at one end thereof, a second plate parallel to said bottom plate in spaced relation thereto, said bung unit being mounted in the hollow end of the roller with the axes of the two substantially coinciding, a trunnion operatively mounted in said plates with one end projecting beyond the end of the roller, said hollow end of the roller and the cylindrical body of the bung unit having aligned transversely extending openings affording communication between the interior of the bung unit and the exterior of the roller, and means on the trunnion engageable by a tool insertable through said aligned openings for retracting the trunnion, the cylindrical body of said bung cup having a longitudinal groove receiving said rib and a shoulder formed at the end of said groove adjacent said bottom plate and engaging the end of said rib to position the bung unit in the open end of the roller.

2,106,974
VENETIAN BLIND HEADRAIL SUPPORT
Walter J. Stuber, Philadelphia, Pa., assignor to Carey-McFall Co., Philadelphia, Pa., a corporation of Pennsylvania
Application June 12, 1936, Serial No. 85,174
2 Claims. (Cl. 156—17)



1. In a Venetian blind comprising a slotted head rail; a supporting bracket for the head rail, said head rail slot being located adjacent the bracket, and a latch slidably mounted in

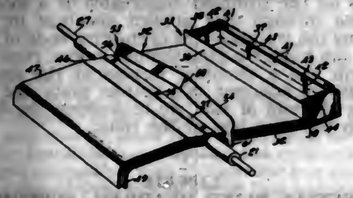
the head rail slot and cofunctioning with the bracket to prevent accidental displacement of the head rail from the bracket.

2,106,675
HEAD BAND FOR HEADWEAR
George Lawrence Tabley, Paddington, near Sydney, New South Wales, Australia, assignor of one-fourth to Thomas Dyson Stock and one-fourth to George Seddon, both of Sydney, Australia
Application December 31, 1936, Serial No. 118,639
In Australia January 25, 1936
3 Claims. (Cl. 2—181)



1. A head band for headwear comprising a textile face strip to contact the head of the wearer and treated with waterproof solution, an absorption backing strip disposed on the "wrong" surface of the face strip and secured thereto adjacent the upper and lower edges of the face strip, and a waterproof sweat strip secured to the face strip adjacent the lower edge thereof, further characterised in that the face strip is folded to overlie and conceal the row or rows of stitching attaching the backing strip and sweat strip to the face strip.

2,106,676
VISCOUS LIQUID FILLING AND MEASURING APPARATUS
Norman M. Thomas, Brooklyn, N. Y., assignor to Joe Lowe Corporation, New York, N. Y., a corporation of Delaware
Application August 24, 1935, Serial No. 37,675
6 Claims. (Cl. 226—104)



1. An apparatus for delivering a measured quantity of material to a receptacle comprising a supply tank, a relatively wide chute mounted to tilt about an axis disposed transversely intermediate its ends, an open-top dipper mounted adjacent the receiving end of said relatively wide chute and being in open communication with said chute throughout the entire length of said dipper, said dipper having telescopically adjustable sides for varying the quantity of material to be dipped from said tank with each tilting operation.

2,106,677
CORRECTED OBJECTIVE
Albrecht Wilhelm Tronnier, Bad Kreuznach, Germany, assignor to the corporation of Jos. Schneider & Co., Optotechnische Gesellschaft, Berlin, Germany
Application May 7, 1936, Serial No. 78,451
In Germany November 22, 1935
1 Claim. (Cl. 88—57)

A light-intensive, spherical, chromatically and astigmatically corrected objective of the type comprising a diaphragm and five components in contact with the air, three of which have positive refractive power, while the remaining two are meniscus-shaped, have a dispersive effect, encompass the diaphragm, and have hollow outer surfaces toward the diaphragm, two of the three collecting components being juxtaposed and being arranged on the object side and have, together with the dispersive component co-ordinated therewith, a smaller positive refractive power than the two components of the objective arranged on the other side of the diaphragm, characterised in that each of the two collective



components on the object side of the diaphragm has a convex surface toward the object, the radius of curvature R3 of the said convex surface of the second component L2 from the object is smaller than the radius of curvature R1 of the corresponding convex surface of the component L1 first from the object, the first-mentioned radius of curvature R3 being at least equal to but not greater than 2¼ times as large as the radius of curvature R6 of the surface of the dispersive component L3 co-ordinated with the said two juxtaposed collective components, directed toward the diaphragm.

2,106,678
PLATE HOLDER FOR INTAGLIO PRINTING MACHINES
Robert W. Bender, Kansas City, Mo., assignor to Inter-Collegiate Press, Kansas City, Mo., a corporation of Missouri
Application June 15, 1936, Serial No. 85,239
6 Claims. (Cl. 101—378)



1. In an intaglio printing machine, a cylinder; a pair of arched plates each having a printing surface thereon; a fin mounting the plates in spaced-apart, end-to-end relation on the cylinder in spaced relation thereto; clamps on the said fin for each plate respectively for removably securing the same in operative position; and guide elements on the fin for said plates, said guide elements engaging the remote ends of said plates, said clamps engaging the plates along the arcuate longitudinal edges thereof.

2,106,679
ELECTRIC LAMP
Jan Bergmans, Eindhoven, Netherlands, assignor to General Electric Company, a corporation of New York
Application July 15, 1935, Serial No. 31,486
In the Netherlands July 26, 1934
7 Claims. (Cl. 176—34)

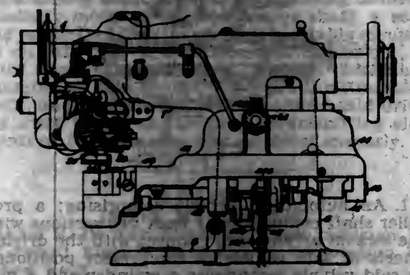
1. An electric lamp comprising a bulb having an elongated concave light-reflecting portion so

shaped that cross-sections thereof in planes passing through the longitudinal axis thereof are of increasing curvature as the sections are taken in



planes approaching the middle of said reflecting portion from its sides, and a light source located within said reflecting bulb portion.

2,106,680
SEWING MACHINE WORK SUPPORT
Louis G. Bowman, St. Louis, Mo., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo., a corporation of Maine
Original application September 27, 1935, Serial No. 42,547. Divided and this application May 5, 1936, Serial No. 78,695
16 Claims. (Cl. 112—260)



1. In a sewing machine, the combination of a depressible work support, means for imposing upon the support a primary degree of resistance to depression, means for imposing upon the support a secondary degree of resistance to depression, and means for rendering said primary and secondary resistance imposing means selectively dominant.

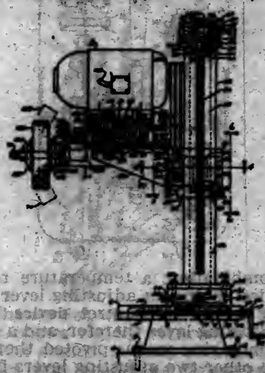
2,106,681
CASEMENT WINDOW OPERATING MEANS
Harry R. Campbell, Baltimore, Md., assignor to Campbell Metal Window Corporation, New York, N. Y., a corporation of Maryland
Application October 27, 1934, Serial No. 750,274
1 Claim. (Cl. 262—117)

A casement window structure comprising a metallic window casing having a web portion extending parallel to the plane of and surrounding a window opening in said casing, and an inner flange portion at the inner edge of said web extending inwardly of the window opening and an outer flange portion at the outer edge of said web extending away from the window opening, a window hinged to said casing to swing outwardly from a position in which it closes said opening and comprising a metallic frame including a web portion which is parallel to and spaced away from the first mentioned web portion and inner and outer flange portions which overlap the said inner and outer flange portions of the casing in the closed position of the window, means subjecting the window to a yielding opening force, a bar extending movably through the outer flange of the window frame and having its inner end within the space between the casing and window frame webs in the closed position of the window and guided into said space by said webs as the window is moved into its closed position, a spring at the outer side of the window acting on said bar and tending to move the latter outwardly of the said flange through which it extends, said



inner window casing flange having an opening in register with said bar when the window is in its closed position, and a flexible window closing element extending through the last mentioned opening and connected to the inner end of the bar.

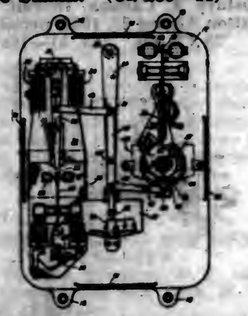
2,106,682
ADJUSTABLE FINISHING MACHINE
Gustave A. Carlson, Detroit, Mich.
Application August 23, 1935, Serial No. 37,524
20 Claims. (Cl. 51—168)



1. In an adjustable finishing machine, the combination of a slide member movably mounted, a second slide member movably mounted on said first mentioned slide member, a tubular column mounted on and extending upwardly from said second slide member and provided with a keyway extending through its side wall for the greater portion of the length of said tubular column, a nut member slidably mounted on said tubular column and provided with a boss portion extending within said tubular column, a key member secured to said nut member and engaging the keyway of said tubular column, a housing structure mounted at and closing the upper end of said tubular column, a shaft suitably supported at one of its ends in said housing structure and extending into said tubular column, said shaft threadably engaging the boss portion of said nut member, manually operated means for rotating said shaft, a second housing structure rotatably mounted on said nut member, clamp means for securing said second housing structure on said nut member, a third housing structure swivelly mounted on said second housing structure, a bracket member swivelly mounted on said third housing structure and adapted to swivel about a horizontal axis, said bracket member being provided with a boss portion having a bore therethrough, a manually operated means for swivelling said bracket member, a second shaft mounted in the bore of the boss portion

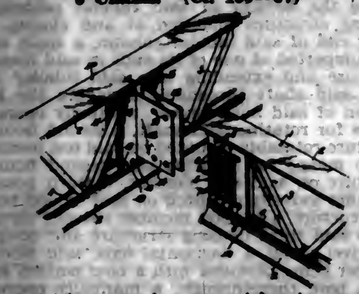
of said bracket member, a second bracket member pivotally mounted on said shaft, a housing supported on said second bracket member, a third shaft rotatably supported in the housing supported on said second bracket member, electrically operated means for driving said third shaft member, a third bracket member adjustably and pivotally supported by said second shaft and adapted to support said electrically operated means, and resilient means for actuating said second bracket member together with its supported mechanism about said second shaft.

2,106,663
MEANS FOR CONTROLLING CONDITIONS OR OPERATIONS
Ralph R. Chappell, Richmond, Va., and Denis McCormack, Lutherville, and Robert J. Sirob, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application September 2, 1933, Serial No. 688,698
23 Claims. (Cl. 236—44)



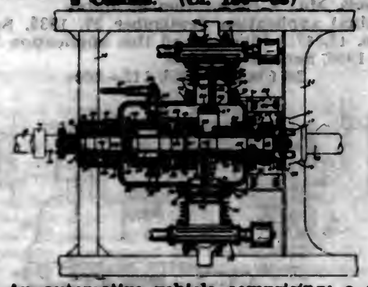
17. In combination, a temperature responsive control device having an adjusting lever therefor, a humidity responsive control device having a separate adjusting lever therefor, and a third adjusting lever having means pivoted thereon connecting the other two adjusting levers for simultaneously adjusting said control devices according to a predetermined ratio whereby different effective temperatures may be obtained with any desired humidity or temperature.

2,106,664
JOIST SUSPENSION
Edwin D. Coddington, Douglaston, Long Island, N. Y., assignor to Reynolds Corporation, New York, N. Y., a corporation of Delaware
Application November 2, 1936, Serial No. 109,990
6 Claims. (Cl. 189—37)



1. A joist suspension comprising in combination a transverse joist section and a supporting joist, a pair of spaced bearing plates detachably connected to the supporting joist and projecting laterally therefrom, a hollow plate strut carried upon the end of the transverse joist section and snugly received between the bearing plates, said bearing plates and hollow plate strut being provided with pairs of holes capable of being selectively brought into alignment but being differently spaced apart, and attaching means extending through the aligned holes of the bearing plates and hollow plate strut.

2,106,665
POWER TAKE-OFF AND ASSOCIATED MECHANISM
Paul H. Davey, Kent, Ohio
Original application December 12, 1932, Serial No. 702,962. Divided and this application March 28, 1936, Serial No. 71,017
6 Claims. (Cl. 180—53)



1. An automotive vehicle comprising; a propeller shaft comprising at least two sections with one section arranged to connect with the driving wheels of said vehicle; a compressor positioned on said vehicle comprising a cylinder and a piston therefor; a connecting rod and an eccentric strap connected to said piston; an eccentric associated with said strap and mounted on said propeller shaft; and means for optionally causing said propeller shaft to drive said eccentric or said driving wheels.

2,106,666
POWER TAKE-OFF AND ASSOCIATED MECHANISM
Paul H. Davey, Kent, Ohio
Application March 28, 1936, Serial No. 71,018
6 Claims. (Cl. 180—53)



1. A power take-off arranged to form a part of a drive shaft in an automotive vehicle comprising aligned driving and driven shaft sections, at least one of said sections being rotatably supported from said vehicle through a self-aligning bearing whereby the power take-off is maintained in self-aligned relation thereto; a power transmitting element rotatably supported on said driving section and spaced therefrom a substantial portion of its length to form an annular space adjacent the end of said driving section; double acting clutch means mounted on said driving

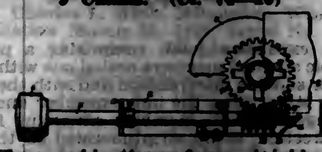
section in non-rotatable relation thereto and within said annular space; cooperating clutch elements on said clutch means and said power transmitting element arranged to engage in one position of said clutch means; and cooperating clutch elements on said clutch means and said driven section arranged to engage in another position of said clutch means.

2,106,667
POWER TRANSMITTING APPARATUS
Paul H. Davey, Kent, Ohio
Application July 28, 1933, Serial No. 92,214
11 Claims. (Cl. 74—11)



1. A power transmitting mechanism comprising a driving shaft, a power transmitting element rotatably mounted on said driving shaft, a second power transmitting element rotatably mounted on said first power transmitting element, a third power transmitting element rotatably mounted on said second power transmitting element, and means to selectively connect said driving shaft to any of said power transmitting elements or to a plurality thereof simultaneously.

2,106,668
DRIVE MECHANISM
Donald R. De Tar, Stratford, Conn., assignor to General Electric Company, a corporation of New York
Application May 8, 1936, Serial No. 78,616
9 Claims. (Cl. 74—10)



1. The combination of a rotatable driving member with a driven member, means connected with said driven member to utilize the motion thereof, a coupling member, means for moving said coupling member axially of said driving member during a predetermined rotational movement of said driving member, and means for causing said coupling member to rotate with said driving member upon further movement of said driving member in the same direction, said coupling member being arranged to transmit both its rotational motion and its motion axially of said driving member through said driven member to said means.

2,106,669
METHOD OF PREPARING STABLE CHOCOLATE MILK
Bernice Fick, Cincinnati, Ohio, assignor to Kroger Grocery & Baking Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application February 10, 1933, Serial No. 656,196
2 Claims. (Cl. 99—23)

1. The process of preparing a chocolate milk drink which comprises mixing together chocolate, water, and corn syrup, combining the gum, flour, salt, sugar and flavoring materials, blending the chocolate water mixture with the last named mixture and heating the mixture to approximately 185 degrees C.; heating whole or skimmed milk to a temperature of 70 degrees C. and cooling it approximately to 60 degrees C.; and adding one part of the mixture as prepared above to ten parts of the milk at 60 degrees C., heating the same slowly to a temperature of approximately 80 degrees C. and maintaining this temperature for approximately thirty minutes, then rapidly cooling to approximately 20 degrees C. and storing at this latter temperature for approximately ten hours.

2,106,699
WHEELED SUPPORTING MEANS FOR HEAVY MACHINES
Benjamin H. Flynn, Alexandria, La.
Original application November 5, 1935, Serial No. 48,426, now Patent No. 2,088,369, dated July 27, 1937. Divided and this application May 11, 1937, Serial No. 142,037
6 Claims. (Cl. 254—93)



1. In a heavy duty machine, a rigid frame, vertical jack bodies rigidly secured to said frame, vertical jack shanks slidably engaged with said jack bodies and projecting downwardly therefrom, wheeled supporting means to which the lower ends of said jack shanks are connected, means for vertically adjusting said jack bodies on said jack shanks to raise and lower said frame, rigid vertical brace bars connected with the lower ends of said jack shanks and lying slidably against portions of said frame, and means for rigidly securing said brace bars against said frame portions after vertical adjustment of the frame to the desired elevation.

2,106,691
RADIATOR
Fred L. Foster, Jamestown, N. Y., assignor to Jamestown Metal Equipment Company, Inc., Jamestown, N. Y., a corporation of New York
Application October 26, 1935, Serial No. 46,920
2 Claims. (Cl. 257—130)



1. In a radiator core structure having water conduits and separator strips interposed between said conduits, a water conduit strip comprising a

body portion, the marginal edges of the strip being laterally offset from said portion and of generally zig zag conformation, marginally limited means in said body portion defining vertically aligned wall segments, the segments of two adjacent strips forming a straight water conduit, a ledge formed in each of said segments, said ledge projecting inwardly of said strip into the water conduit formed by a pair of strips, a flat face in said ledge, said ledge, when a pair of strips are assembled, abutting two adjacent ledges of the other strip and serving to bridge the space therebetween to provide a fluid passageway between front and rear portions of the conduit.

2,106,092
LOCKING STOP VALVE
John E. Glasscock, Oklahoma City, Okla.
Application April 13, 1937, Serial No. 136,542
1 Claim. (Cl. 292—307)



In a device of the class described in combination with a stop cock or valve, a two piece dart consisting of a dart proper and a follower adapted to be seated in registering openings in the spigot and barrel of said valve, heads formed on said dart members having shoulders for seating on top of said barrel, said heads having alining holes for inserting a seal therethrough, a catch on the lower end of said dart member for seating under said barrel and locking in position against removal when backed up by said follower and a chain for securing said dart members against separation when not in locked position.

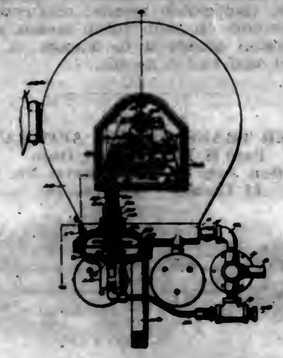
2,106,093
DAMPER CONSTRUCTION
Arthur A. Geese, Milwaukee, Wis.
Application February 17, 1936, Serial No. 64,391
2 Claims. (Cl. 126—292)



1. In a damper arrangement for use within a sectional duct employing a partition, a set of plates of a size to fit said ducts, studs engaging said plates in opposite sides of their outer walls, the inner ends of said studs being longitudinally slotted through their center, rivets adapted to engage both sides of said studs and the plate, a flanged bushing fastened to said partition, two of said studs journaled in said bushing, the remaining two threaded and projecting through the outer walls of said duct equipped with flanges projecting outwardly to contact the inside of the outer walls, slots in the outer face of said threaded studs arranged in parallel relation to said plates, and nuts engaging said threaded studs for contacting the outside face of said outer walls causing the outer walls to be forced against said flange on the threaded stud.

2,106,094
TIME CONTROL MECHANISM
Leon J. Griffey and Chester C. Herndon, Tulsa, Okla., assignors to Hanlon-Waters, Inc., Tulsa, Okla.
Application January 13, 1936, Serial No. 58,943
15 Claims. (Cl. 161—7)

1. The combination with a fluid controlling valve, a valve control member, a train of gears for actuating said member, diaphragm actuated means for operating said train of gears, fluid means for actuating said diaphragm, a spring



clock mechanism, means associated therewith for timing the admission of fluid to said diaphragm, and means actuated by said diaphragm for winding said clock mechanism.

2,106,095
EXPANSION JOINT
Joseph William Holzel, Warren, Ohio
Application April 10, 1935, Serial No. 15,713
2 Claims. (Cl. 94—18)



1. An expansion joint, comprising a pair of telescopic channel members nested one within the other for slidable interrelation and with the outer member larger than the inner member and with the flanges of both members extending in the same direction, a cap strip mounted on the upper flange of the outer member, said outer member having a shear bar at its outer side for embedding in a road slab molded against the outer side of the outer member to hold the latter from vertical displacement relatively to the slab, a plurality of anchor pins fixed to the outer member and extending outwardly therefrom to hold the member to the road slab and extending inwardly therefrom for slidable engagement through the inner member and in the opposite slab thereof, said inner member having bearing openings therethrough for receiving the inner extensions of the anchor pins to maintain the members in alinement, a second plurality of anchor pins fixed to the inner channel member and extending outwardly therefrom to hold the inner member to an adjacent road slab molded against the outer side of the inner member and having inner ends extending slidably through the outer channel member and its slab, said outer channel member having bearing openings therethrough to receive the inner ends of the anchor pins of the inner member to maintain the members in alinement, said anchor pins extending irregular distances from the opposite sides of the channel members to prevent straight transverse lines of cracking in the molded road slabs.

2,106,096
ART FOR THE TREATMENT OF TISSUE PAPER
Grover C. Hoffman, New York, N. Y., assignor of one-half to Helene de Bourgogne, New York, N. Y.
No Drawing. Application September 28, 1935, Serial No. 42,973
2 Claims. (Cl. 91—68)

2. The process of treating tissue paper which consists in saturating the paper with a solution comprising two parts of ethyl alcohol, one part of glycerine with three parts of water, and containing five and one-half ounces of talcum powder in suspension in six gallons of the solution, then passing the treated paper between wringer rolls, while saturated, and finally drying it.

2,106,097
CANDY NOVELTY
John G. Hogan, Steubenville, Ohio
Application February 23, 1935, Serial No. 7,891
10 Claims. (Cl. 46—175)



1. A candy novelty comprising a body formed of hard candy having a central chamber therein with confining walls, said candy having aligned small openings in opposite walls, the area of the openings being relatively small as compared with the area of the cavity and being so arranged that when the candy is placed in the mouth air may be blown through the openings to produce a whistling effect.

2,106,098
LAWN MOWER
Charles L. Huth, Milwaukee, Wis.
Application March 26, 1935, Serial No. 13,152
1 Claim. (Cl. 56—253)



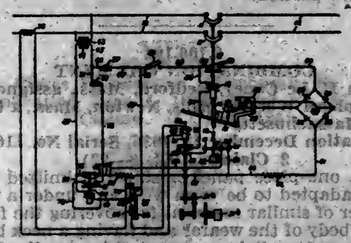
In a lawn mower, a body comprising spaced vertical side plates, a driven shaft journalled in bearings at the inner sides of said side plates toward the said ends thereof, cutters carried by said driven shaft, a stationary cutter bar supported from said plates and extending beneath the cutter assembly, a ground roller carried by said plates directly in rear of said cutter bar, a drive shaft carried by said side plates toward the rear ends thereof, traction wheels mounted on said drive shaft at the inner sides of said plates, gears mounted on said traction wheels adjacent said side plates, gears mounted on said driven shaft adjacent said side plates, an intermediate shaft carried by said plates, gears on said intermediate shaft meshing with the gears on both the traction wheels and the driven shaft, and an operating handle pivotally connected to said side plates at the rear ends thereof and at points thereon lying in the horizontal plane of the traction wheel shaft, said side plates having their top and end edges inwardly flanged to form a housing overlying the peripheries of said gears.

2,106,099
PISTON VALVE ENGINE
John W. Jenkins, Indianapolis, Ind.
Application May 18, 1934, Serial No. 726,273
1 Claim. (Cl. 123—73)



A gas engine comprising a cylinder having an open upper end and inlet and exhaust ports, a sliding valve within the open end of the cylinder and closing the same and controlling the inlet and exhaust ports, a rigid member carried by the valve and extending beyond the cylinder, said rigid member being smaller in cross section than said valve member and having an outer end provided with a transverse opening, said opening having cam contacting surfaces and cam clearing surfaces, a driven shaft passing through said opening, cams carried by the shaft and engaging said cam contacting surfaces to impart proper movement to the valve, a means extending rigidly from the cylinder, said means slidably engaging said enlarged outer end of said central member at a sufficient distance from the cylinder and sliding valve to prevent overheating at such engagement and to facilitate the convenience of lubrication, repair and other attention of same independently of the cylinder and valve proper, said means preventing rotation of said valve by the friction of said cams against said cam contacting surfaces.

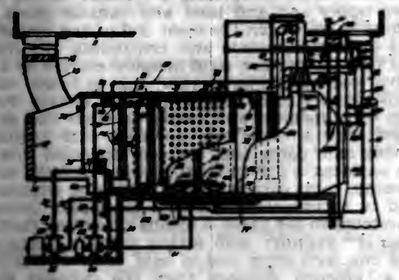
2,106,100
CIRCUIT CONTROLLING MEANS
Benjamin W. Jones, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application October 8, 1936, Serial No. 104,605
10 Claims. (Cl. 175—294)



1. Control means for a circuit controlling switch having an operating winding energizable to close

the switch, means for latching the switch in its closed circuit position upon operation thereto and means responsive to closure of the switch for deenergising the operating winding, said control means comprising normally energized means operable upon deenergization thereof to release said latch means, relay means for controlling said normally energized means, overload means for energizing said relay means to effect deenergization of said normally energized means and thereby release said latch means upon the occurrence of predetermined overload conditions, and connections controlled by said overload means for short-circuiting said normally energized means to effect release of said latch means upon the occurrence of said overload conditions even though said relay means fails to operate.

2,106,101
AIR CONDITIONING SYSTEM
Otto A. Labus, Wisconsin Rapids, Wis., and Robert B. P. Crawford, Chicago, Ill., assignors, by direct and mesne assignments, to Frick Company, Waynesboro, Pa., a corporation of Pennsylvania
Application November 16, 1928, Serial No. 319,764
Renewed December 11, 1933
13 Claims. (Cl. 236—44)



1. In combination, air conditioning apparatus for conditioning a mixture of fresh and return air, said apparatus comprising means for introducing a mixture of fresh and return air into a conditioning unit, means for varying the humidity and temperature of a portion of said mixture, means for mixing said portion with a second portion of said mixture of different temperature and humidity for producing the conditioned air, a control element responsive to the temperature of moisture condensed from the conditioned air, a control element responsive to the dry bulb temperature of the conditioned air, and means differentially responsive to both of said control elements for regulating the relative proportions of said two portions.

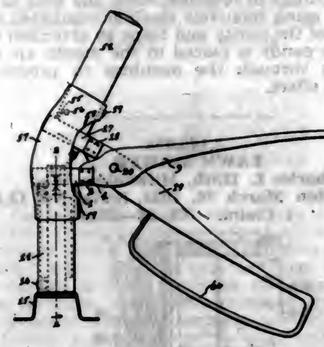
2,106,102
COMBINATION GARMENT
Joseph H. Le Cocq, Bedford, Mass., assignor to Shepherd Worsted Mills, Newton, Mass., a trust of Massachusetts
Application December 19, 1936, Serial No. 116,748
2 Claims. (Cl. 2—92)

1. A one-piece panel or shield of knitted material adapted to be worn with and under a coat sweater of similar material for covering the front of the body of the wearer and having a neck band for supporting it in proper position on the body and having a non-stretchable tape band stitched to its inner face transversely thereof at approximately the waist line, said tape having extensible ends adapted to be tied together at the back of the



body for holding said panel in unstretched position on the front of the body.

2,106,103
CATTLE GUN
Eugene Locati, Sidney, N. Y.
Application March 23, 1937, Serial No. 132,607
8 Claims. (Cl. 17—1)

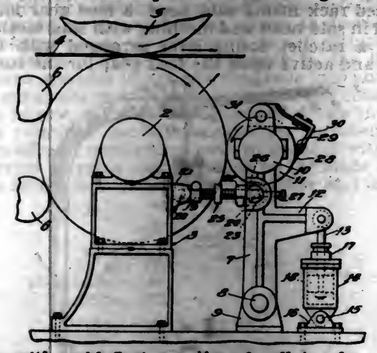


1. In a cattle gun two jaws with handles for moving them toward and from one another, a barrel carried by one jaw and a firing pin and pin timing and releasing mechanism carried by the other jaw and means operable upon the movement of the jaws together for first energizing the firing pin and then releasing it upon completion of the movement of the jaws together.

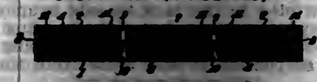
2,106,104
CLEANING ROLL
Peter J. Massey, River Forest, Ill., and William F. Thiele and Bert F. Raprager, Wisconsin Rapids, Wis., assignors, by mesne assignments, of nine-tenths to Consolidated Water Power & Paper Company, Wisconsin Rapids, Wis., a corporation of Wisconsin, and one-tenth to said Peter J. Massey
Application November 27, 1935, Serial No. 51,739
7 Claims. (Cl. 91—43)

1. In combination, a roll for applying coating material to a continuously passing flexible web,

and a stone roll disposed in oscillating relationship with said first mentioned roll to clean the surface of the same.

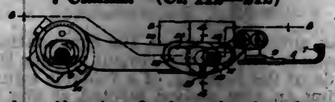


2,106,105
COMPOSITE PLANK
Anthony P. Miller, Pleasantville, N. J.
Application May 14, 1935, Serial No. 21,238
6 Claims. (Cl. 94—15)



1. A composite plank, including a preformed base having a recess in its upper face extending throughout its length and transversely positioned preformed filler pieces keyed in the recess, said base having longitudinally extending grooves in its side edges adapted to receive the heads of securing devices driven into a support on which the plank is located.

2,106,106
TOP FEED MECHANISM FOR SEWING MACHINES
Charles W. Mueller, St. Louis, Mo., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo., a corporation of Maine
Application May 15, 1936, Serial No. 79,997
7 Claims. (Cl. 112—212)

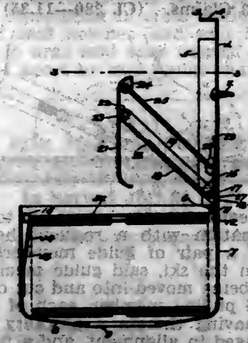


1. A 4-motion top feed mechanism for sewing machines comprising the combination with a feed lever having a longitudinally extending fulcrum slot, of a feed dog connected to one end of said lever, a fulcrum pin located in the slot of the lever and swingable about a fixed axis, means connected to the other end of the lever for imparting up and down and back and forth movements to the feed dog, and means for securing said fulcrum pin in an adjusted position.

2,106,107
LOADED SMALL CALIBER RIFLE CARTRIDGE
John M. Olin, Alton, Ill., assignor to Western Cartridge Company, East Alton, Ill., a corporation of Delaware
No Drawing. Application November 7, 1930, Serial No. 494,189
6 Claims. (Cl. 102—42)

1. A loaded small caliber rifle cartridge comprising, a case or shell having a primer recess formed at its rim, a coordinative primer therein, a projectile, and a high density-loaded projectile-propelling charge of granular smokeless powder having a high available potential energy characteristic, the powder being granulated and surface modified in coordination with the primer to substantially retard the initial combustion rate and being also interiorly modified in coordination with the surface modification and granulation to maintain a fast subsequent burning rate, in a zone of high energy transfer at safe breech pressures.

2,106,108
TOWEL DISPENSING CABINET
Philip D. Parsons, Swarthmore, Pa., assignor to Scott Paper Company, Chester, Pa., a corporation of Pennsylvania
Application February 25, 1936, Serial No. 65,694
1 Claim. (Cl. 312—62)



In a towel-dispensing cabinet, a casing having a front wall provided with a delivery opening, and means for feeding the towels forwardly in the casing into position for withdrawal through said opening, said means comprising an arm mounted on a fixed pivot at the back of the casing, a pad element pivotally connected to said arm and flatly engaging the towels at the back, said pad being supported by said arm in spaced relation to and free from frictional engagement with the walls of the casing, a spring arranged to exert pressure tending to force the free end of said arm and the pad toward the said front wall, and a link having a fixed pivotal connection at the back of the casing and to said pad in position paralleling said arm, said link being effective to maintain the pad continuously in substantially parallel relation to said front wall, said arm, link and pad constituting a completely operative spring-actuated unit having engagement with the casing only through the pivotal connections between said casing and said arm and link.

2,106,109
FUSE PLUG
Pierce Prendergast, Pittsburgh, Pa.
Application June 4, 1936, Serial No. 83,462
9 Claims. (Cl. 200—125)



1. In a multiple-fuse plug, a body member, a cap member rotatably carried on the body mem-

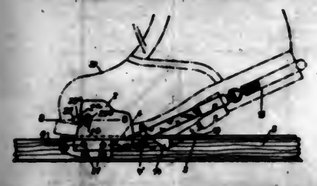
ber, said cap member having an inverted well therein, the outer walls of which are provided with radially extending recesses, a fuse member having a hub portion located against the bottom of the well, radial arms with reduced area portions connected to said hub and located in the recesses and extending vertically to the top of the recesses and being turned over the edge of the well, and a hollow sleeve member fitted in the well having radial projections fitting into the said radial recesses, the radial extensions of the fuse member having a part of the vertical portion thereof of reduced area.

2,106,110

SKI ATTACHING DEVICE

Adolf Attenhofer, Zurich, Switzerland

Application October 26, 1935, Serial No. 46,700
In Switzerland October 31, 1934
13 Claims. (Cl. 280—11.35)



8. In a device for attaching a ski to footwear, the combination with a resilient heel pulling member of a pair of guide members pivotally mounted on the ski, said guide members being capable of being moved into and out of the path of the heel pulling member, each of said guide members having therein a plurality of spaced holes arranged in alignment, and a pair of pins on said ski, said pins being adapted to engage one with one of the holes of each of said guide members so as to form the pivotal point therefor, each of said guide members having an enlarged opening therein, and a second pair of pins on the ski, said latter pins being adapted to engage one with each of said openings for limiting the pivotal movement of said guide members to selectively vary the diagonal pull of the heel pulling member.

2,106,111

MANUFACTURE OF ALKALI CELLULOSE

Alfons Bayerl and Karl Kösslinger, Dessau, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application February 5, 1935, Serial No. 5,152. In Germany February 9, 1934
6 Claims. (Cl. 260—10)

1. A process of manufacturing alkali cellulose which comprises spraying a cloud of caustic soda solution containing about 40 to about 50 per cent. of NaOH on wet wood pulp containing from about 40 to approximately 60 per cent. of dry pulp, the ratio of dry pulp to the caustic soda solution applied being less than 1:3.

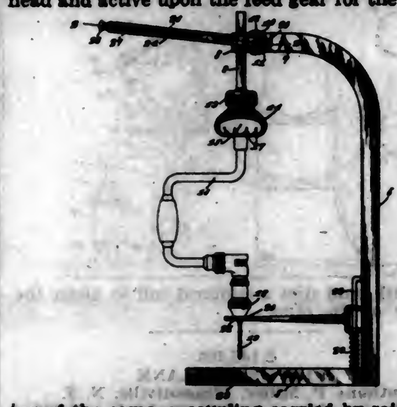
2,106,112

BRACE HOLDER AND PRESS

Martin Benato, Santa Barbara, Calif.

Application July 30, 1936, Serial No. 93,509
Renewed December 15, 1937
1 Claim. (Cl. 144—104)

A brace holder and press comprising a base, a crane rising from the base and having a forwardly directed upper end, a guide head on the forwardly directed upper end, a vertically disposed toothed rack fitting said head, a feed gear journaled in said head and meshing with said toothed rack, a ratchet acting lever arranged with the head and active upon the feed gear for the turning of the same, a coupling carried by said rack at its lower end, and a bit brace knob receiving head swiveled to the rack by said coupling and having splits at intervals for the bending of the head about the brace knob for its clamping thereby and suspension of said brace from the rack.



2,106,113

VEHICULAR TRAFFIC SIGNAL

John W. Brougher, Bremen, Ind.

Application March 11, 1936, Serial No. 68,341
1 Claim. (Cl. 177—329)



In an automobile signal, the combination with a housing having a compartment opening through one side of the housing, of a foldable signal arm including an arm section pivoted at one end to an inner wall of said compartment, a hand section pivoted at one end to the free end of the arm section, and a link having one end pivotally connected to said hand section, and having its opposite end pivotally connected to an inner wall of said compartment whereby to cause said hand section to move to a folded or unfolded position relative to the arm section incidental to a swinging of the arm section into or out of position within said compartment and means connected to the arm section for actuating the same.

2,106,114

CIRCUIT BREAKER

Herbert J. Crabbs, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application November 2, 1934, Serial No. 751,290
13 Claims. (Cl. 200—146)

1. In an electrical switch, a pair of spaced insulator columns, conducting means mounted on each of the columns, a swingably supported blade for bridging the conducting means to provide an electrical circuit therebetween, an arc extinguishing device mounted in proximity to the blade, means operable to actuate the blade into and out of engagement with at least one of the conducting means, said arc extinguishing device including relatively movable conducting members for providing a conducting path in parallel with the current carrying path provided by the blade when the switch is in closed circuit position, and means



carried by said arc extinguishing device adapted to be engaged by said blade upon movement of the latter out of engagement with the said one contact for separating said relatively movable conducting members to establish an arc therebetween, said means carried by said arc extinguishing device being operative upon further movement of said blade toward the full open position to separate the arc extinguishing device a substantial distance from at least one of said conducting means to thereby provide an air gap sufficient to withstand high voltage.

2,106,115

CINEMATOGRAPHIC INTERMITTENT FILM FEED AND SHUTTER

Andre Leon Victor Clement Debrie, Paris, France

Application March 15, 1937, Serial No. 131,054
In Great Britain June 27, 1936
2 Claims. (Cl. 88—18.4)



1. In a cinematographic apparatus a mechanism for the intermittent feed of the film past the film gate comprising a support, a pin carrier, two lever arms lying in a plane substantially parallel to the plane of the film gate, means for mounting said lever arms at one end on the support so as to allow their rocking both in their plane and in a direction perpendicular thereto, means whereby the pin carrier is pivotally secured between the free ends of both lever arms, a small sized cam arranged between intermediate parts of the lever arms and adapted to control their reciprocating motion in their plane a shaft controlling the rotation of the cam and a second cam carried by said shaft adapted to constrain periodically the pin carrier and cooperating lever arms to reciprocate in a direction perpendicular to the plane of the film gate.

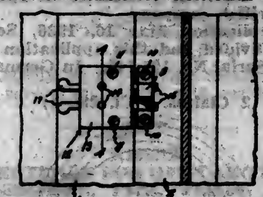
2,106,116

WINDOW LOCK

Leo Dusinske, Bedford, Mich.

Application February 27, 1936, Serial No. 66,117
1 Claim. (Cl. 292—54)

A lock for attachment to the meeting rails of window sashes and comprising a keeper plate on one rail having an upstanding keeper lug provided with a wedge shaped upper end and a pair of opposed notches in the side edges thereof, respectively, each of acute angled form, and a pair of opposed laterally spaced locking levers pivotally mounted intermediate their ends on the other



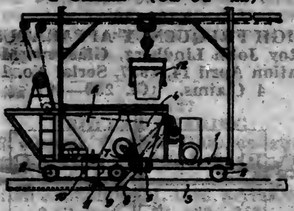
rail and having corresponding ends extending from said rail upon opposite sides of said lug, respectively, to receive the latter therebetween, said ends conforming in cross sectional contour to that of said notches, and said levers being tensioned to urge said ends thereof together to be cammed apart by said wedge shaped head.

2,106,117

METHOD FOR MAKING CONCRETE ROADS

Alfred Holter, Abbedingen, near Oslo, Norway

Application July 13, 1934, Serial No. 735,044
In Norway July 21, 1933
1 Claim. (Cl. 94—22)



A method for making concrete road surfaces which comprises placing a layer of cement mortar on the road, placing a layer of stones of suitable size on top of said first named layer, mixing said layers by harrowing and exposing the mixture to the treatment of light rollers during a period extending beyond the initial setting time and over at least part of the period of final setting.

2,106,118

HOSE JOINT TIGHTENER

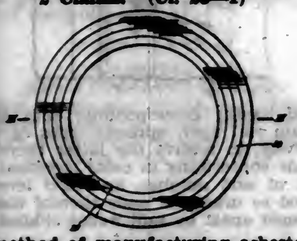
Walter Leslie Jackson and Kingsley John Jackson, Perth, Western Australia, Australia

Application April 11, 1936, Serial No. 73,982
In Australia June 21, 1935
3 Claims. (Cl. 24—19)



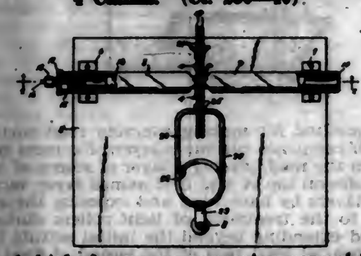
1. In a device as and for the purposes herein set forth, a flexible band having a loop at one end, a cam-lever having an eccentric turned over lip freely anchoring and holding same, a bracket, a pin projecting beyond the bracket, pivot means securing said cam-lever to said bracket, said band adjacent its other end having a slot for anchoring same to said pin.

2,106,119
MANUFACTURE OF ASBESTOS RINGS
Theodor Kranzelt, Reuth v/Neumark, Germany, assignor of four-fifths to Maurice Prosberg, Paris, France, and one-fifth to George Angus & Company Limited, Newcastle-on-Tyne, England, a British company
Original application May 16, 1936, Serial No. 80,184. Divided and this application October 19, 1936, Serial No. 105,142. In Germany June 25, 1935
2 Claims. (Cl. 28—1)



1. A method of manufacturing asbestos rings for packing, clutches, brake linings and like purposes, which consists in bending into frusto-conical form a flat strip of the fabric formed by knitting asbestos on a machine, knitting the ends of the strip together and finally pressing the strip flat to give a circular ring.

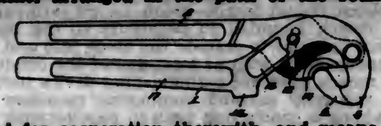
2,106,120
HIGH FREQUENCY APPARATUS
Le Roy John Lindberg, Glasgow, Mont.
Application April 14, 1927, Serial No. 186,930
4 Claims. (Cl. 250—40)



1. A high frequency apparatus comprising a base, a pair of supports on the base, a pair of tubes supported by the supports in alignment and having their adjacent ends in spaced relation, a third tube extending longitudinally in the tubes and having one end portion anchored to the outer end of one of the first mentioned tubes, adjusting means between the outer end of the other of the first mentioned tubes and the remaining end of the third mentioned tube, a pair of current conductive plates between the adjacent ends of the first mentioned tubes and circumscribing the third mentioned tube and spring means for holding the said plates under contractual relation.

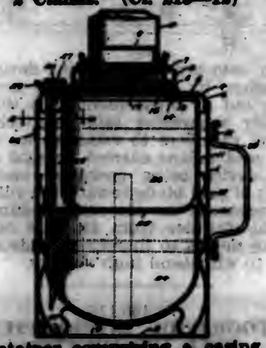
2,106,121
FENDER TOOL
Frank Lorenze, Rochester, N. Y.
Application January 6, 1937, Serial No. 119,346
2 Claims. (Cl. 81—15)

1. A fender tool in the form of pliers, comprising a pair of companion members including handles, a jaw member for each handle and formed thereon, a hooked portion included in one of said jaw members, a rounded head formed on the hooked portion, means for pivotally securing the jaw members together, a channeled portion formed on the other jaw member and having its channel arranged in the path of the rounded



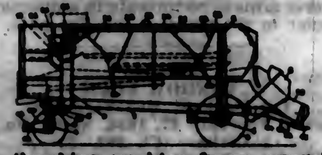
head for cooperation therewith, and means for slidably connecting the jaw members together inwardly of the pivot therefor.

2,106,122
CONTAINER
Frank D. McGowan, Worcester, Mass.
Application November 23, 1936, Serial No. 112,395
2 Claims. (Cl. 215—12)



1. A container comprising a casing, a vessel within the casing, a partition dividing the vessel into separate upper and lower compartments, a neck at the upper end of the vessel and opening into the upper compartment, a stopper received by the neck for closing the upper compartment, tubular means rising from and communicating with the lower compartment, a stopper for closing the tubular means, a ring member threadedly secured to the upper end of the casing, caps engageable with the stoppers and threaded to the ring member, a pouring spout for the tubular means and formed on and rising at an outward inclination from the ring member, a flat portion included in the ring member, a shoulder at the upper end of the vessel, cushion supporting means for the vessel and including corrugated upright spring arms between the vessel and casing and engageable therewith, a gasket between the shoulder and flat portion and said cushion supporting means cooperating with the gasket to provide a dead air space between the vessel and casing.

2,106,123
THRESHING MACHINE FRAME
Hermann Rommelfaert, Saxony, Germany
Application July 26, 1935, Serial No. 33,282
In Germany August 25, 1934
17 Claims. (Cl. 130—27)



1. A threshing machine frame comprising a central torque member, substantially integral U-shaped supporting means finally secured to said torque member and side walls secured to said U-shaped supporting means.

2,106,124
COMBUSTION CHAMBER OF INTERNAL COMBUSTION ENGINES OF THE COMPRESSION IGNITION TYPE
Harry Ralph Ricardo, London, England
Application December 27, 1934, Serial No. 759,392
In Great Britain January 4, 1934
3 Claims. (Cl. 123—32)



1. An internal combustion engine of the liquid fuel injection compression ignition type, comprising a cylinder; a combustion chamber, the contour of which is substantially a surface of revolution symmetrical about a plane at right angles to its axis, communicating with said cylinder; a piston adapted to reciprocate in said cylinder, and to approach the end of said cylinder at the end of its compression stroke so that the greater part of the clearance space is comprised within the combustion chamber; means constituting at least part of the wall of the combustion chamber arranged to be kept relatively hot during running, said means comprising a member in which a passageway between the cylinder and combustion chamber is formed, the axis of said passageway lying in the plane of symmetry of the combustion chamber and spaced from the axis of said chamber so as to cause the air entering the chamber to partake of a swirling motion about the axis of the chamber, the annular body of air moving with the greatest velocity being substantially in the plane of symmetry of the chamber and being separated from both the axis and the wall thereof; a fuel injecting nozzle disposed in the wall of the combustion chamber and adapted to deliver a jet of fuel, the axis of which lies in the plane of symmetry of the combustion chamber and is directed toward a point on the part of the wall of the combustion chamber which is kept hot during running, which point is spaced from said nozzle about the chamber axis in the direction in which the air circulates by an angular spacing which is between approximately 120° and approximately 150°, whereby said jet is concentrated in the path of that portion of the air circulating within the chamber at the highest velocity, the orifice of said passageway in the combustion chamber being disposed at a point which is outside of said angular spacing and spaced from said nozzle about the chamber axis in the direction of air circulation by an angular spacing in the neighborhood of from 190°–220°.

2,106,125
MECHANISM FOR GRINDING ARTIFICIAL DENTURES
Leslie Norman Redpath, Melbourne, Australia, and Samuel James Bryant, Thornton Heath, England; said Bryant assignor to said Redpath
Application November 21, 1935, Serial No. 111,226
In Great Britain November 5, 1935
3 Claims. (Cl. 32—33)

2. Denture-grinding mechanism comprising, in combination with a denture-carrier and driving means therefor, a support and a flexible ring arranged between the said carrier and support and adapted for permitting the carrier to be



rotated bodily by the driving means whilst preventing revolution of the said carrier about its axis.

2,106,126
ELECTRODE FOR OPEN ARC LAMPS
Isidor Silberstein, Paris, France, assignor to Prof. Dr. Max Volmer, Neubabelsberg-Steinstuecken, Germany
Application April 6, 1936, Serial No. 73,047
In Germany February 2, 1935
4 Claims. (Cl. 176—119)



1. The combination with an electrode for open arc-lamps, of a conductor pin attached at one end of the body of the electrode and in axial alinement with the same, and a resilient member provided with two substantially parallel legs connected with each other at one end, said resilient member being attached transversely to said pin and being provided to be connected with an electrode holder.

2,106,127
ROLLER BEARING
Harry E. Stamer, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a corporation of Ohio
Application September 21, 1936, Serial No. 101,759
3 Claims. (Cl. 308—218)



1. A roller bearing comprising a cup having a conical raceway and a thrust rib at the larger end of said raceway, taper rollers on said raceway and a one piece cage for said rollers, said cage being of smaller diameter than the imaginary cone of the roll axes and comprising continuous end rings connected by bridges integral therewith and the large ends of the pockets between said bridges being wide enough to permit radial movement of the large ends of the rollers in the operation of assembling or disassembling the bearing, each of said bridges having a reentrant angle in its inner face defining a relatively long straight portion adjoining the small end ring and in pocket-forming relation to the rollers and a relatively short portion adjacent to the large ring.

2,106,128
GAME
Henry J. Stitt, New York, N. Y.
Application March 6, 1937, Serial No. 129,311
10 Claims. (Cl. 272—141)

1. A slide apparatus adapted to be used in a projecting machine, comprising a rotatable ring-

like wheel having a pointer carried thereby, an impeller independent of the ring-like wheel but formed with resilient protuberances adapted to strike the ring-like wheel so as to cause the ring-



like wheel to rotate, means for causing each of said protuberances to be bowed and then released to strike and spin said wheel upon each actuation of said impeller, and a hand-operated member for actuating said impeller.

2,106,129

METHOD OF MAKING SEPARABLE FASTENERS

Gideon Sundback, Meadville, Pa., assignor to Talon, Inc., Meadville, Pa., a corporation of Pennsylvania

Application February 4, 1935, Serial No. 4,794

12 Claims. (Cl. 29—148)



1. The method of making fastener elements comprising forming attaching means on each fastener member for securing it to a tape, a portion of the member being adapted to project beyond the attaching means, punching out a recess in one side of such projecting portion of said member, and deforming material from an outer surface of said member to provide a projection opposite said recess.

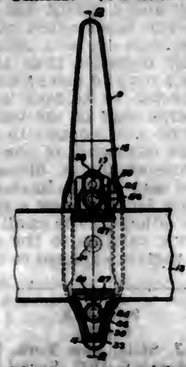
2,106,130

VERTICAL BUMPER

Alphonso S. Campbell, Winchester, Mass., assignor to A. S. Campbell Co., Inc., East Boston, Mass., a corporation of Massachusetts

Application November 10, 1936, Serial No. 110,048

4 Claims. (Cl. 293—55)



1. A vertical bumper comprising a body having a seat at its rear side to be applied by a movement of superposition from the front to a horizontal bumper bar, a nut and a bolt at either side of the seat, one of which is secured to the body to dispose the shank of the bolt projecting rearwardly therefrom across the upper and lower vertical edges of the bar, clips through which the bolts pass having ends extending over the margin of the horizontal bar, including a clip having a hooked edge to engage said margin, a broad shank extending therefrom having a marginal flange and a rib struck up centrally therefrom through which the bolt-receiving opening is formed and which extends substantially from the throat of the hook.

2,106,131

METHOD OF PRODUCING STRONTIUM CARBONATE

Harvey G. Elledge and Alfred Hirsch, Painesville, Ohio, assignors to Diamond Alkali Company, Painesville, Ohio, a corporation of Delaware

No Drawing. Application May 24, 1934, Serial No. 727,264

2 Claims. (Cl. 23—66)

1. A process of converting strontium sulphate to strontium carbonate which comprises treating said sulphate with agitation with Na_2CO_3 in the presence of NaOH and water from 10 to 20 times the weight of the sulphate at a temperature from approximately 90° C. to 100° C., said sulphate being in a state of subdivision to pass a 40 mesh sieve, the quantity of Na_2CO_3 ranging between 1.3%–9% excess Na_2CO_3 over the molecular equivalent of $SrSO_4$ and the corresponding quantity of NaOH ranging between 27%–100% of the weight of the sulphate.

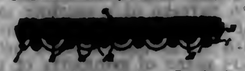
2,106,132

METHOD FOR APPLYING FLOCK

William F. Feinbloom, Rochester, N. Y., assignor to Champion Knitwear Company, Inc., Rochester, N. Y.

Application August 27, 1937, Serial No. 161,240

3 Claims. (Cl. 91—68)



1. The method of applying flock to the finish face only of a knitted or woven fabric, which comprises, applying a relatively fine liquid adhesive coating to one face of the fabric such that it penetrates partially through the fabric, dispersing the flock on the coated surface, stretching the fabric to spread the fibres thereby increasing the exposed areas thereof and permitting the adhesive to form interstitial deposits and become impregnated in the fibres to the desired depth in the fabric, beating the fabric to work the flock into intimate anchored relation in the interstitial deposits and into cemented relation with the said adhesively impregnated fibres of the fabric at such a depth that the flock is clamped and compressed in rigid engagement between adjacent closed up fibres of the fabric, and relieving the fabric from its stretched condition whereby such anchored and cemented relation of the flock becomes pronounced and positive on drying of the adhesive.

2,106,133

METAL BACKED PRESSURE-SENSITIVE ADHESIVE

Maurice A. Goldman, New Brunswick, N. J., assignor to Johnson & Johnson, New Brunswick, N. J., a corporation of New Jersey

No Drawing. Application November 7, 1935, Serial No. 49,788

6 Claims. (Cl. 91—68)

1. As a new article of manufacture, the combination of a flexible backing comprising one or more piles of metal foil having symmetrically formed selvage edges whereof the salvaging is manifested by hot trimmed sealed edges, and a pressure-sensitive adhesive applied as a tenacious coating to said backing and normally prevented from outflow therebeyond by the selvage edges of the backing, said coating having greater adhesion to the backing than to a surface to which it may be applied in service whereby the article is capable of repeated removal and use.

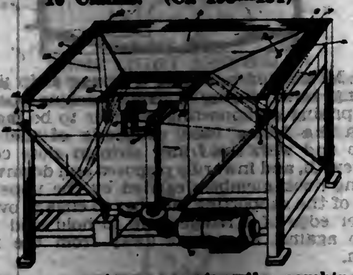
2,106,134

CONVEYING APPARATUS

Frederick Wade Greer, Belmont, Mass., assignor to J. W. Greer Company, Middlesex, Mass., a corporation of Massachusetts

Application July 2, 1935, Serial No. 29,482

10 Claims. (Cl. 198—184)



1. In a conveying apparatus, the combination of a conveyor belt, mechanism for driving said belt, means for guiding said belt to provide adjacent work supporting runs thereof, lying at an angle to each other, and connected by a downwardly extending loop, said means including a guiding member holding said loop taut and disposed angularly both with reference to the direction of travel of said runs and also with reference to the planes of said runs, the discharge end of the first run and the receiving end of the second run being located in approximately the same plane and separated from each other by a narrow crevice across which the articles conveyed will be carried by said runs.

2,106,135

TRACTOR WHEEL

Alphonso Henry, Hamilton, Ohio, assignor to The Hamilton Caster and Manufacturing Company, Hamilton, Ohio, a corporation of Ohio

Application December 11, 1935, Serial No. 53,940

1 Claim. (Cl. 301—52)



A tractor wheel of skeleton structure, comprising, a pair of spaced conical rims in opposing relation with the sense converging toward each other, providing a centrally open recessed tread, and diagonally disposed cleats between the rims with the end of each cleat on one rim being directly axially opposite the end of the succeeding cleat on the other rim for contacting continuity, the cleats projecting radially beyond the periphery of the rims and curved so that their outer edges lie in a cylinder.

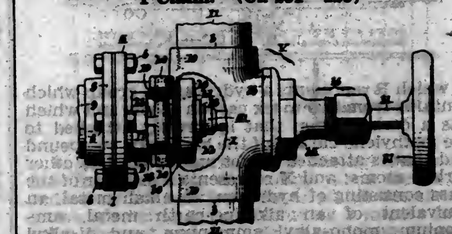
2,106,136

VALVE

James A. Jensen, Philadelphia, Pa., assignor to Quaker City Iron Works, Philadelphia, Pa., a corporation of Pennsylvania

Application August 21, 1935, Serial No. 37,134

1 Claim. (Cl. 251—125)



In a combined check and stop valve of the type described the combination of a body having aligned fluid outlets and a lateral fluid inlet in a common plane, a partition extending crosswise of the inlet, a closure member to cooperate with the flow orifice in the partition at the outlet side of the latter, a curved arm fulcrumed to the valve body by axially aligned socketed studs and a mutually engaging hinge pin, said arm being freely suspended on the inlet side of the partition and projecting at its other end through the flow orifice to the outlet side thereof, a pivot pin engaged in diametrically opposed holes of a sleeve-like clamp nut whereby the closure member is pivotally connected to the curved arm and can automatically swing away from the flow orifice and independently seek an open relatively-inclined position, and an actuating screw stem axially aligned with the inlet of the valve whereby the closure member may be moved against pressure to close the flow orifice.

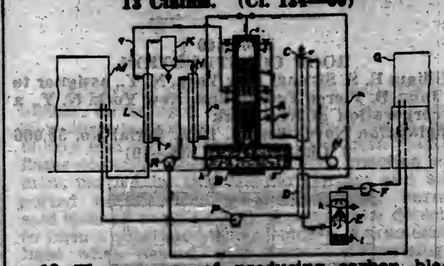
2,106,137

PROCESS OF PRODUCING CARBON BLACK

Forrest C. Reed, Kansas City, Mo.

Application July 9, 1934, Serial No. 734,436

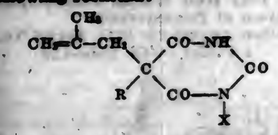
13 Claims. (Cl. 134—60)



13. The process of producing carbon black which comprises, removing water from combustion gases produced within the process, subjecting the gases remaining after said removal of water, together with hydrocarbons, to high temperatures by passing the mixture over heated contacting surfaces so as to decompose said hydrocarbons, and then separating the carbon black from the gaseous mixture.

2,106,138
METHALLYL-SUBSTITUTED BARBITURIC COMPOUND
Horace A. Shonle, Indianapolis, Ind., assignor to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana
No Drawing. Application November 8, 1937, Serial No. 173,531
12 Claims. (Cl. 260—33)

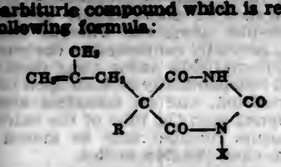
1. A barbituric compound which is represented by the following formula:



in which R represents a hydrocarbon group which contains from two to six carbon atoms and which has a carbon atom that is directly attached to the methylene carbon of the barbituric compound and that is attached to not more than two other carbon atoms; and X represents a member of the class consisting of hydrogen, an alkali metal, an equivalent of an alkaline-earth metal, ammonium, mono-alkyl ammonium, and di-alkyl ammonium.

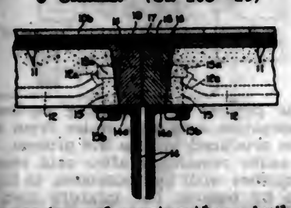
2,106,139
METHALLYL-SUBSTITUTED BARBITURIC COMPOUND
Horace A. Shonle, Indianapolis, Ind., assignor to Eli Lilly and Company, Indianapolis, Ind., a corporation of Indiana
No Drawing. Application November 10, 1936, Serial No. 110,122
8 Claims. (Cl. 260—33)

1. A barbituric compound which is represented by the following formula:



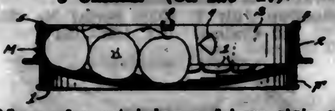
in which R represents an amyl group having not to exceed one branching; and X represents a member of the class consisting of hydrogen, an alkali metal, an equivalent of an alkaline-earth metal, ammonium, mono-alkyl ammonium, and di-alkyl ammonium.

2,106,140
ROOF CONSTRUCTION
William E. S. Streng, New York, N. Y., assignor to John B. Pierce Foundation, New York, N. Y., a corporation of New York
Application November 16, 1935, Serial No. 50,066
3 Claims. (Cl. 108—10)



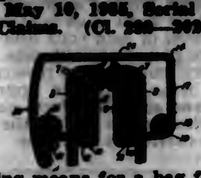
3. For use in roof construction a building unit comprising, a slab portion having one major face weather resistant, the margin of the said face being depressed to form a ledge running continuously peripherally of the unit; and a continuous peripheral groove formed substantially within the confines of the material of the said ledge along the inner margin thereof, opening into the surface of the ledge and having its bottom substantially opposite its opening.

2,106,141
FRINGE SUPPORT FOR USE IN PACKING FRUITS
James W. Trew, Gettysburg, Pa., assignor to Rice, Trew & Rice Co. Inc., Biglerville, Pa., a corporation of Pennsylvania
Application July 15, 1937, Serial No. 153,854
3 Claims. (Cl. 206—17)



1. Means for retaining a fringe strip upon a facing form during a fruit packing operation comprising a supporting member to be mounted upon the facing form exteriorly of the fringe strip and with the fringe strip in close contact therewith, and inwardly disposed and downwardly facing hook members carried by the upper portion of the supporting member to engage over the upper edge of a fringe strip to hold said fringe strip against movement away from the facing form.

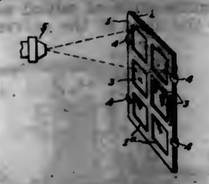
2,106,142
HANDBAG FASTENER STRUCTURE
Preston Upham, Brookline, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application May 10, 1935, Serial No. 20,741
5 Claims. (Cl. 292—302)



1. A fastening means for a bag frame having a pair of channel-shaped frame members hinged together at their ends, said fastening means securing the two frames together, and comprising an element fastened within one of said frame members and extending through the outer side wall thereof and a cooperating U-shaped fastening member pivotally attached to the other of said frame members and constructed for fastening engagement with said element.

2,106,143
PIEZOELECTRIC DEVICE AND METHOD OF MAKING THE SAME
Alfred L. W. Williams, Cleveland, Ohio, assignor to The Brush Development Company, Cleveland, Ohio, a corporation of Ohio
Application April 1, 1936, Serial No. 72,149
In Great Britain April 5, 1935
17 Claims. (Cl. 171—327)

1. A method of making piezo-electric devices comprising bodies formed of homogeneous water-soluble crystalline material of high specific inductive capacity and having electrodes on one or more surfaces thereof, said method comprising applying directly to the body surface to be electroded a thin coating of conductive material in a wet state and in sufficiently limited amount to prevent significant solution of the said crystalline material and sufficiently finely divided to adhere, after drying, to the piezo-electric material in



intimate contact therewith; causing the wet coated surface to dry; and thereafter applying additional conductive material to the coating to increase its conductivity.

2,106,144
DOME LIGHT ASSEMBLY
Burton S. Fleraday, Toledo, Ohio, assignor to Dura Company, Toledo, Ohio, a corporation of Ohio
Application August 8, 1935, Serial No. 35,854
2 Claims. (Cl. 240—7.35)



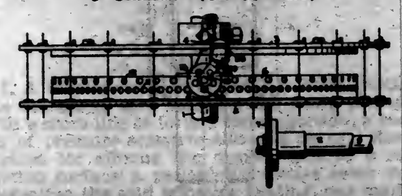
2. A light assembly comprising a housing element and a lens element, the housing element having a smooth forwardly extending flange, the lens element being of moulded plastic material and having an inwardly extending smooth resilient flange frictionally engaging the flange of the housing so as to form the sole means of connection between said elements, and one of said elements having an integral laterally extending rim forming a substantial continuation of the front face of the lens element.

2,106,145
VEHICLE LAMP
Burton S. Fleraday, Toledo, Ohio, assignor to Dura Company, Toledo, Ohio, a corporation of Ohio
Original application August 8, 1935, Serial No. 35,854. Divided and this application January 16, 1936, Serial No. 59,239
6 Claims. (Cl. 240—7.35)



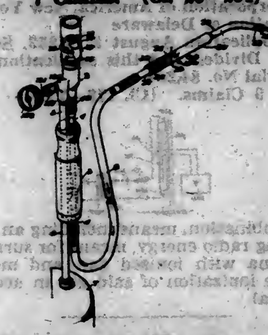
6. A dome light assembly comprising a housing having a flanged end, a lens having an integral inwardly extending resilient flange frictionally engaging said flanged end, and a rim extending laterally from said second flange, said rim and lens being of the same material and integral with each other.

2,106,146
YARN SPEED INDICATING MEANS
Herbert E. Gosling, Providence, R. I., assignor to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application April 30, 1936, Serial No. 77,172
9 Claims. (Cl. 66—125)



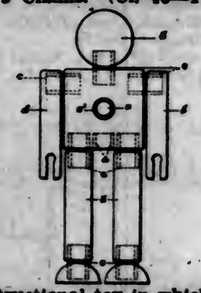
1. In a knitting machine having means for knitting a plurality of running yarns, means for indicating the relative rates at which the several yarns are being drawn including a master indicator element and a single, yarn driven element for cooperating therewith to effect an indication, said single element being movable from one yarn to another whereby indications are taken under uniform conditions.

2,106,147
APPARATUS FOR DETECTING GASES
William Keiffer Hull, Hagerstown, Md., assignor to The Hull Manufacturing Company, Hagerstown, Md., a corporation of Maryland
Application August 12, 1935, Serial No. 35,899
7 Claims. (Cl. 23—254)



1. Apparatus for detecting gases, comprising a burner, including a tubular flame-shielding portion surrounding the combustion zone of said burner and formed from iron free from reactive flame-coloring material, a copper reaction element carried by said tubular portion and supported in the heating zone of said burner, said element reacting with the gas to be detected to form a substance which emits a characteristic light when heated, said element comprising a slotted annular frusto-conical body, and means for bringing the gas into contact with said member including a flexible conduit, and a tubular member connected thereto and provided at one end with a restricted inlet opening for gas to be detected and provided with at least two relatively large longitudinally spaced air inlet openings and means for opening and closing said air inlet openings.

2,106,148
CONSTRUCTIONAL TOY
Georg Kellner, Tabarz, Thur-Wald, Germany, assignor to Walter Lines, London, England
Application August 3, 1936, Serial No. 93,959½
In Germany August 13, 1935
3 Claims. (Cl. 46—173)



1. A constructional toy in which the assembly of shaped blocks or units into figures, models, and the like is provided for by connections comprising a peg or pivot-like member which is formed integral with the one unit, and preferably does not project beyond the surface thereof, and a rubber sleeve-like member which is carried by in the other unit and is elastic in the longitudinal as well as in the radial direction; the said sleeve being adapted, on being pressed over its complementary peg member, to frictionally engage or grip the said peg.

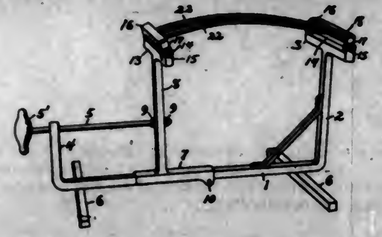
2,106,149
RADIO APPARATUS
Ernest G. Linder, Philadelphia, Pa., assignor to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Original application August 31, 1933, Serial No. 687,544. Divided and this application June 9, 1936, Serial No. 84,264
9 Claims. (Cl. 179—171)



1. In combination, means including an antenna for radiating radio energy, means for surrounding said antenna with ionized gas, and means for varying the ionization of said gas in accordance with a signal.

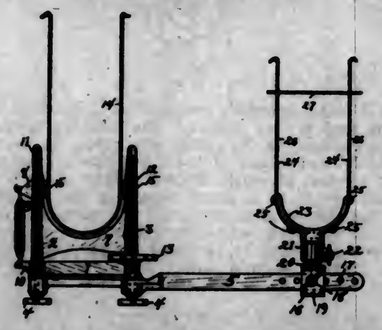
2,106,150
SURGICAL HYPEREXTENSION FRAME
Earl E. Longfellow, Warsaw, Ind., assignor to Harry Herschel Leiter, Warsaw, Ind.
Application August 19, 1935, Serial No. 36,821
5 Claims. (Cl. 128—84)

1. A surgical hyperextension frame consisting of a base having feet to prevent lateral tilting thereof, and provided at one end with a vertical standard and at its opposite end with a post, said standard having a cross head at its top, a slide on said base between said standard and post provided with means to retain the slide in operating position on said base and having also an upright standard provided with a cross head at its top, link bars pivotally mounted respectively in said cross heads, said link bars having corresponding horizontal slots that are open through the opposing faces of said link bars and closed at the opposite sides thereof, means to limit tilting movement of said link bars in their respective cross heads toward each other, springs acting to move said link bars toward each other, flexible bridge bars the opposite ends of which are removably positioned in the slots of the corresponding link



bars and spaced apart from each other, and an adjusting rod threaded in said post operatively associated with the standard on said slide for moving same toward the standard on said base thereby to cause upward flexure of said bridge bars.

2,106,151
SURGICAL LEG SPLINT
Earl E. Longfellow, Warsaw, Ind., assignor to Harry Herschel Leiter, Warsaw, Ind.
Application November 16, 1935, Serial No. 50,169
4 Claims. (Cl. 128—84)



3. In a surgical splint having members applicable respectively to uninjured and injured legs of a patient, a frame provided with a stirrup and having longitudinal parallel guides, a cross-head having parallel rods that extend into said guides to permit longitudinal adjustment of said frame thereon, a beam connected with said cross-head so as to permit relative adjustment of said cross-head and beam transversely to said rods, means for securing said beam in its adjusted positions, means for moving and securing said frame adjustably on said rods relative to said cross-head, and a second stirrup having an adjustable connection with said beam.

2,106,152
INDICATING AND CONTROL APPARATUS
Harold C. Matter, Chicago, Ill., assignor to Belmont Radio Corporation, a corporation of Illinois
Application July 19, 1937, Serial No. 154,371
14 Claims. (Cl. 116—124.4)

1. Indicating and control apparatus for a radio receiver including a one-piece combination tuner

and dial member connected with the tuning condenser for the radio receiver, said one-piece member having finger cavities therein for tuning movement thereof, a dial portion on said member lighting means to the rear of said member, with



said member translucent in portions and opaque in portions as to the passage of light therethrough from said lighting means whereby to provide selected illumination over the member to the eye of an observer in front of said radio receiver.

2,106,153
DISPLAY UNIT
Arthur B. Mull, Appleton, Wis., assignor to Marathon Paper Mills Company, Rothschild, Wis., a corporation of Wisconsin
Application April 26, 1937, Serial No. 138,991
2 Claims. (Cl. 40—124.1)

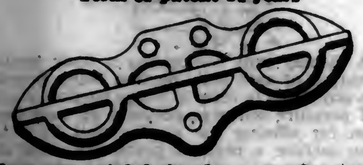


1. A display unit comprising a body portion, one margin of said body portion being provided with a score line to form a flange portion, a coating of pressure sensitive adhesive on said flange portion for affixing the display unit to a supporting surface, a peelable protective cover strip protecting the said adhesive coating, one margin of said cover strip extending beyond said score line to afford a grasping portion therefor, one end of said score line terminating in two diverging slits to form a V-shaped notch to provide a free tab portion at the end of said flange portion disconnected from the body portion, a second tab portion positioned on the body portion of the display unit adapted to be folded over and adhered by the said adhesive to said first tab for retaining said flange at an angle to said body portion.

DESIGNS

JANUARY 18, 1938

107,937
DESIGN FOR A REAR FRAME MEMBER FOR A VELOCIPEDE
Bert J. Andersen, Hammond, Ind.
Application April 23, 1937, Serial No. 68,953
Term of patent 14 years



The ornamental design for a rear frame member for a velocipede, as shown.

107,938
DESIGN FOR A VELOCIPEDE FRAME MEMBER
Bert J. Andersen, Hammond, Ind.
Application April 23, 1937, Serial No. 68,954
Term of patent 14 years



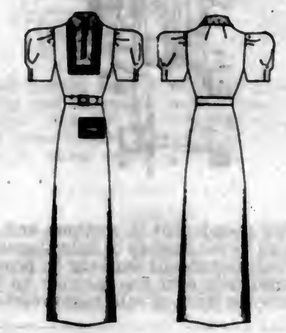
The ornamental design for a velocipede frame member, as shown.

107,939
DESIGN FOR A TENNIS BALL
Samuel Graham Ball, Streetly, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y., a corporation of New York
Application June 9, 1937, Serial No. 69,758
In Great Britain December 23, 1936
Term of patent 14 years



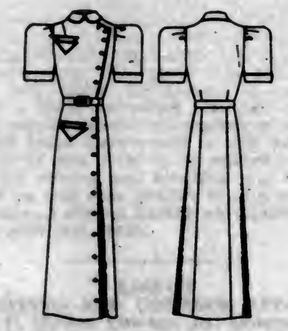
The ornamental design for a tennis ball, as shown.

107,940
DESIGN FOR A DRESS
Helen Berry, New York, N. Y.
Application December 14, 1937, Serial No. 73,607
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

107,941
DESIGN FOR A DRESS
Helen Berry, New York, N. Y.
Application December 14, 1937, Serial No. 73,608
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

107,942
DESIGN FOR A DRESS
Helen Berry, New York, N. Y.
Application December 14, 1937, Serial No. 73,609
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

107,943
DESIGN FOR A WRIST WATCH
Israel L. Bloom, Denver, Colo.
Application September 5, 1936, Serial No. 64,738
Term of patent 14 years



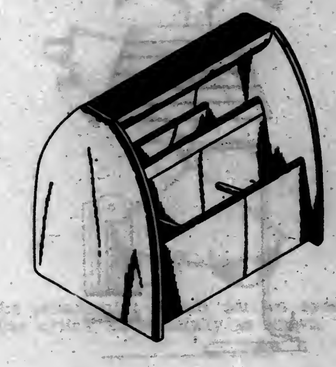
The ornamental design for a wrist watch, as shown and described.

107,944
DESIGN FOR A CLOTHESLINE TIGHTENER
Michael Becchine, Passaic, N. J.
Application May 19, 1937, Serial No. 69,429
Term of patent 14 years



The ornamental design for a clothesline tightener, as shown and described.

107,945
DESIGN FOR A SHOESHINE BOX
Charles Harvey Churchill, Cortland, N. Y.
Application July 14, 1937, Serial No. 70,435
Term of patent 7 years



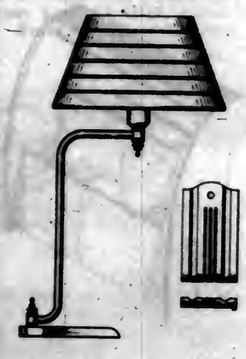
The ornamental design for a shoeshine box as shown and described.

107,946
DESIGN FOR A SHOE
Warren L. Delaney, Auburn, Maine
Application April 17, 1937, Serial No. 68,849
Term of patent 14 years



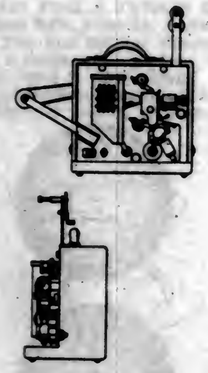
The ornamental design for a shoe, as shown and described.

107,947
DESIGN FOR A SEMI-INDIRECT ELECTRIC LAMP
Bert A. Dickerson, Decatur, Ill., assignor to Faries Manufacturing Company, Decatur, Ill.
Application February 17, 1937, Serial No. 67,709
Term of patent 3½ years



The ornamental design for a semi-indirect electric lamp, substantially as shown.

107,948
DESIGN FOR A PROJECTOR
Steve Edwards, New York, N. Y., assignor to Harry A. Kapit, New York, N. Y.
Application July 2, 1937, Serial No. 70,299
Term of patent 7 years



The ornamental design for a projector as shown.

107,949
DESIGN FOR A SHOE
Louis J. Epstein, Jersey City, N. J.
Application December 8, 1937, Serial No. 73,461
Term of patent 3½ years



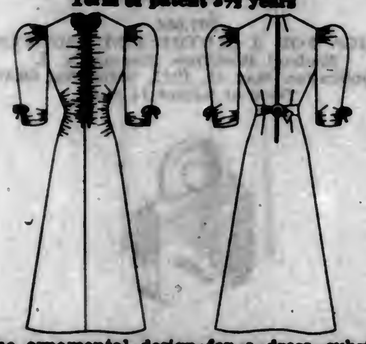
The ornamental design for a shoe substantially as shown.

107,950
DESIGN FOR A DRESS
Pauline Fraechia, New York, N. Y.
Application December 8, 1937, Serial No. 73,436
Term of patent 3½ years



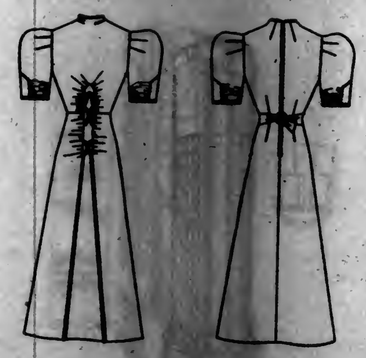
The ornamental design for a dress, substantially as shown.

107,951
DESIGN FOR A DRESS
Pauline Fraechia, New York, N. Y.
Application December 8, 1937, Serial No. 73,438
Term of patent 3½ years



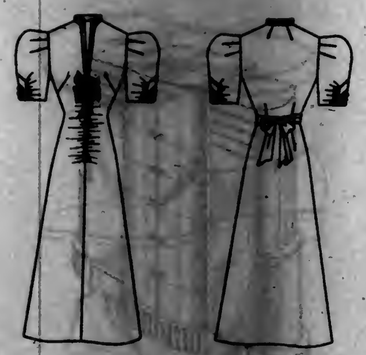
The ornamental design for a dress, substantially as shown, and described.

107,952
DESIGN FOR A DRESS
Pauline Fraechia, New York, N. Y.
Application December 8, 1937, Serial No. 73,439
Term of patent 3½ years



The ornamental design for a dress, substantially as shown, and described.

107,953
DESIGN FOR A DRESS
Pauline Fraechia, New York, N. Y.
Application December 8, 1937, Serial No. 73,440
Term of patent 3½ years



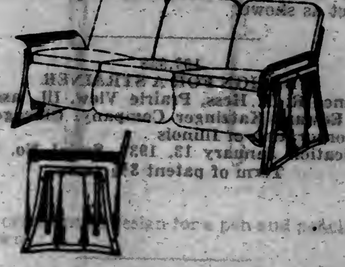
The ornamental design for a dress, substantially as shown.

107,954
DESIGN FOR AN EYESHADE OR SIMILAR ARTICLE
Arnold N. Gates, Cleveland Heights, Ohio
Application November 23, 1937, Serial No. 73,125
Term of patent 7 years



The ornamental design for an eyeshade or similar article substantially as shown.

107,955
DESIGN FOR A GLIDER
Aaron S. Goldberg, Philadelphia, Pa., assignor to Bunting Glider Company, Philadelphia, Pa., a corporation of Pennsylvania
Application November 19, 1937, Serial No. 73,012
Term of patent 7 years



The ornamental design for a glider as shown.

107,956
DESIGN FOR A SLIPPER
Leo Goedkind, Williamsport, Pa.
Application December 2, 1937, Serial No. 73,326
Term of patent 3½ years



The ornamental design for a slipper substantially as shown.

107,957
DESIGN FOR A SPOOL DISPLAY CABINET
Barnett J. Graham, Okmulgee, Okla.
Application November 11, 1937, Serial No. 72,814
Term of patent 7 years



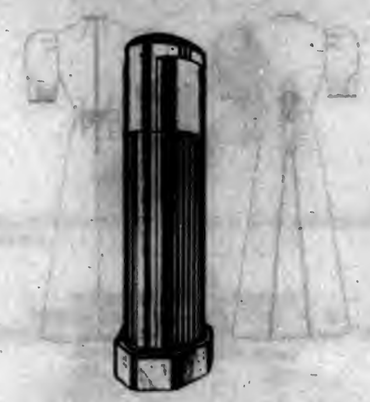
The ornamental design for a spool display cabinet as shown.

107,958
DESIGN FOR A STRAINER
Clarence R. T. Hess, Prairie View, Ill., assignor to Edward Katzinger Company, Chicago, Ill., a corporation of Illinois
Application January 13, 1937, Serial No. 67,027
Term of patent 3½ years



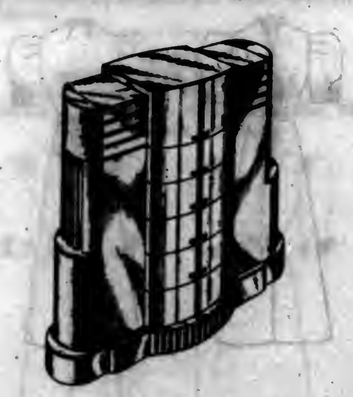
The ornamental design for a strainer, as shown and described.

107,959
DESIGN FOR A COMBINED HOSE TOWER AND CABINET FOR AUTOMOBILE SERVICE STATIONS OR THE LIKE
Willis A. Kropp, Oak Park, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application April 5, 1937, Serial No. 68,563
Term of patent 3½ years



The ornamental design for a combined hose tower and cabinet for automobile service stations or the like as shown and described.

107,960
DESIGN FOR A COMBINED HOSE TOWER AND CABINET FOR AUTOMOBILE SERVICE STATIONS OR THE LIKE
Willis A. Kropp, Oak Park, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application April 5, 1937, Serial No. 68,564
Term of patent 3½ years



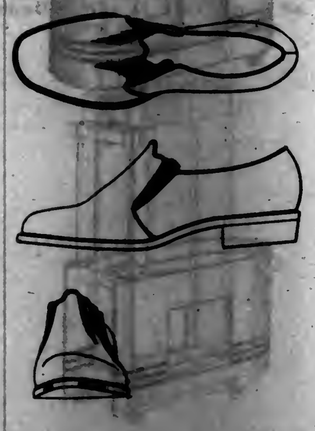
The ornamental design for a combined hose tower and cabinet for automobile service stations or the like as shown and described.

107,961
DESIGN FOR A COMBINED HOSE TOWER AND CABINET FOR AUTOMOBILE SERVICE STATIONS OR THE LIKE
Willis A. Kropp, Oak Park, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application April 5, 1937, Serial No. 68,565
Term of patent 3½ years



The ornamental design for a combined hose tower and cabinet for automobile service stations or the like as shown.

107,962
DESIGN FOR A SHOE
Josef Lanz, Salzburg, Austria, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass., a corporation of Massachusetts
Application September 25, 1937, Serial No. 71,798
Term of patent 3½ years



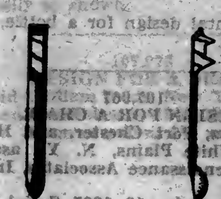
The ornamental design for a shoe, substantially as shown and described.

107,963
DESIGN FOR A SHOE
Arthur H. Lessing, New York, N. Y.
Application December 3, 1937, Serial No. 73,460
Term of patent 3½ years



The ornamental design for a shoe substantially as shown.

107,964
DESIGN FOR A PEN AND PENCIL CLIP
Clinton E. Marshall, Bronx, N. Y.
Application November 16, 1937, Serial No. 72,928
Term of patent 7 years



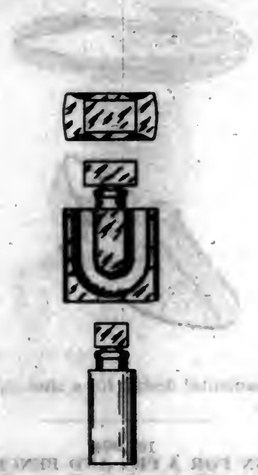
The ornamental design for a pen and pencil clip as shown.

107,965
DESIGN FOR A PEN AND PENCIL CLIP
Clinton E. Marshall, Bronx, N. Y.
Application November 16, 1937, Serial No. 72,929
Term of patent 7 years



The ornamental design for a pen and pencil clip, as shown.

167,966
DESIGN FOR A BOTTLE
Frank McIntosh, New York, N. Y., assignor to Lentheric Incorporated, New York, N. Y., a corporation of New York
Application December 1, 1937, Serial No. 73,287
Term of patent 14 years



The ornamental design for a bottle, substantially as shown.

167,967
DESIGN FOR A CHAIR
Robert Mulwitz, Port Chester, and Herbert G. Jennings, White Plains, N. Y., assignors to American Renaissance Associates, Inc., White Plains, N. Y.
Application November 19, 1937, Serial No. 73,035
Term of patent 14 years



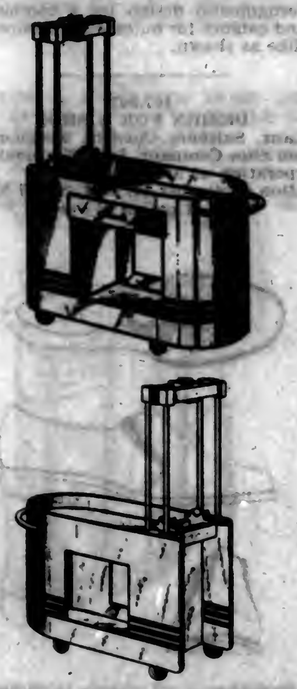
The ornamental design for a chair, as shown.

167,968
DESIGN FOR A LABEL
Edmund Opler, Hinsdale, Ill., assignor to Siren Mills Corporation, Chicago, Ill., a corporation of Illinois
Application April 8, 1937, Serial No. 68,628
Term of patent 14 years



The ornamental design for a label, as shown and described.

167,969
DESIGN FOR A WORKSTAND OR THE LIKE
Edward M. Pfanner, Elm Grove, Wis., assignor to Blackhawk Mfg. Co., Milwaukee, Wis., a corporation of Wisconsin
Application May 10, 1937, Serial No. 69,284
Term of patent 7 years



The ornamental design for a workstand or the like, as shown.

167,970
DESIGN FOR A WORKSTAND OR THE LIKE
Edward M. Pfanner, Elm Grove, Wis., assignor to Blackhawk Mfg. Co., Milwaukee, Wis., a corporation of Wisconsin
Application May 10, 1937, Serial No. 69,285
Term of patent 7 years



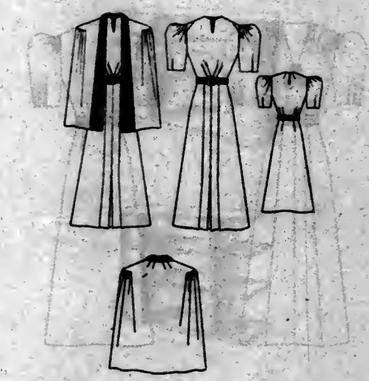
The ornamental design for a workstand or the like, as shown.

167,971
DESIGN FOR A PRESS OR THE LIKE
Edward M. Pfanner, Elm Grove, Wis., assignor to Blackhawk Mfg. Co., Milwaukee, Wis., a corporation of Wisconsin
Application May 10, 1937, Serial No. 69,286
Term of patent 7 years



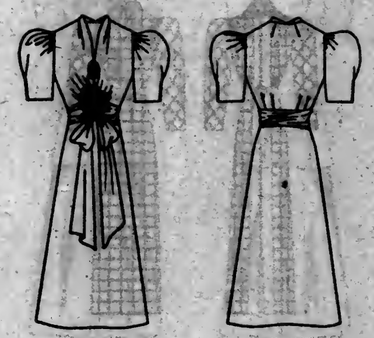
The ornamental design for a press or the like, as shown.

167,972
DESIGN FOR A DRESS ENSEMBLE
David William Price, New York, N. Y.
Application December 8, 1937, Serial No. 73,455
Term of patent 3½ years



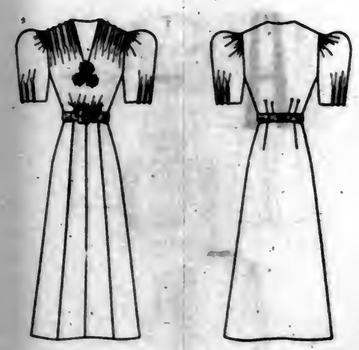
The ornamental design for a dress ensemble, substantially as shown.

167,973
DESIGN FOR A DRESS
David William Price, New York, N. Y.
Application December 8, 1937, Serial No. 73,456
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

167,974
DESIGN FOR A DRESS
David William Price, New York, N. Y.
Application December 9, 1937, Serial No. 73,499
Term of patent 3½ years



The ornamental design for a dress, substantially as shown, and described.

167,975
DESIGN FOR A DRESS
Katheryn Rost, New York, N. Y.
Application December 11, 1937, Serial No. 73,525
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

167,976
DESIGN FOR A CAMERA
Walter D. Teague, New York, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
Application November 23, 1937, Serial No. 73,132
Term of patent 7 years



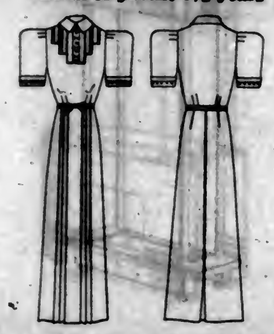
The ornamental design for a camera as shown.

167,977
DESIGN FOR A SHOE SOLE
Nelson E. Tousley, Waban, Mass., assignor to Hood Rubber Company, Inc., Watertown, Mass., a corporation of Delaware
Application November 13, 1937, Serial No. 72,850
Term of patent 14 years



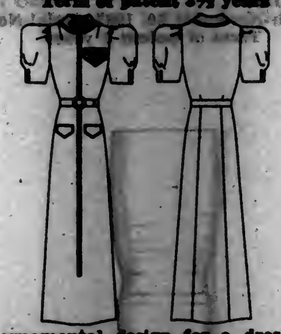
The ornamental design for a shoe sole as shown.

167,978
DESIGN FOR A DRESS
Mildred Wagner, New York, N. Y.
Application December 14, 1937, Serial No. 73,612
Term of patent 3½ years



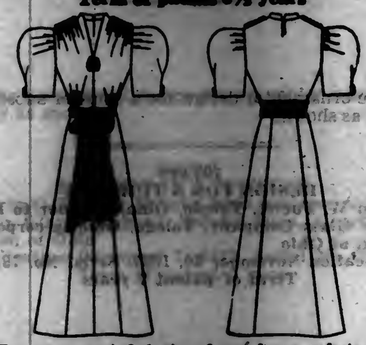
The ornamental design for a dress substantially as shown.

167,979
DESIGN FOR A DRESS
Mildred Wagner, New York, N. Y.
Application December 14, 1937, Serial No. 73,613
Term of patent 3½ years



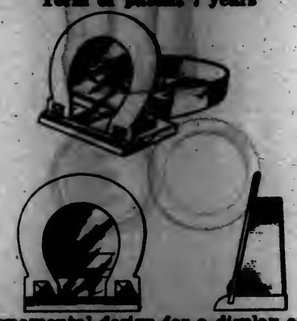
The ornamental design for a dress substantially as shown.

167,980
DESIGN FOR A DRESS
Samuel Warshaw, New York, N. Y.
Application December 8, 1937, Serial No. 73,453
Term of patent 3½ years



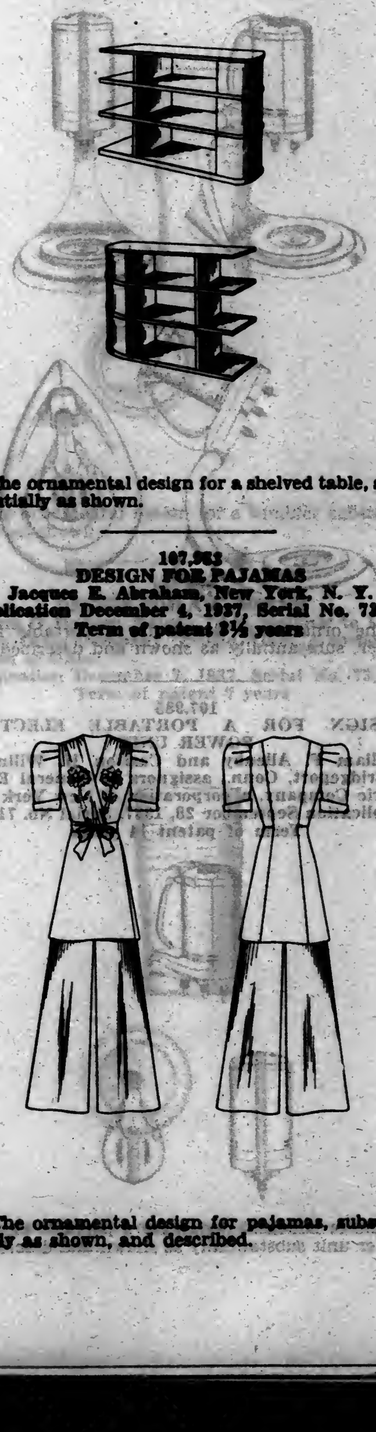
The ornamental design for a dress, substantially as shown.

167,981
DESIGN FOR A DISPLAY CONTAINER FOR WATCHES
Samuel Weissman, New York, N. Y.
Application May 4, 1937, Serial No. 69,146
Term of patent 7 years



The ornamental design for a display container for watches as shown.

167,982
DESIGN FOR A SHELVED TABLE
Lee L. Woodard, Owosso, Mich.
Application November 10, 1937, Serial No. 72,769
Term of patent 3½ years

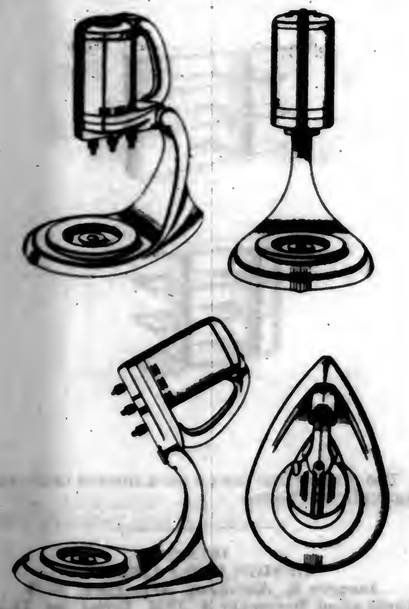


The ornamental design for a shelved table, substantially as shown.

167,983
DESIGN FOR PAJAMAS
Jacques E. Abraham, New York, N. Y.
Application December 4, 1937, Serial No. 73,250
Term of patent 3½ years

The ornamental design for pajamas, substantially as shown, and described.

107,964
DESIGN FOR A PORTABLE FOOD MIXER
William F. Allenby and Carlton H. Willman, Bridgeport, Conn., assignors to General Electric Company, a corporation of New York
Application September 28, 1937, Serial No. 71,846
Term of patent 14 years



The ornamental design for a portable food mixer, substantially as shown and described.

107,965
DESIGN FOR A PORTABLE ELECTRIC POWER UNIT
William F. Allenby and Carlton H. Willman, Bridgeport, Conn., assignors to General Electric Company, a corporation of New York
Application September 28, 1937, Serial No. 71,847
Term of patent 14 years



The ornamental design for a portable electric power unit substantially as shown and described.

107,966
DESIGN FOR A TUMBLER
Edwin W. Fuerst, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application November 30, 1937, Serial No. 73,253
Term of patent 7 years



The ornamental design for a tumbler substantially as shown.

107,967
DESIGN FOR A TUMBLER
Edwin W. Fuerst, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application November 30, 1937, Serial No. 73,254
Term of patent 7 years



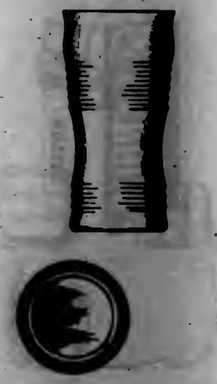
The ornamental design for a tumbler substantially as shown.

107,968
DESIGN FOR A TUMBLER
Melvin O. Hansen, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 7, 1937, Serial No. 73,422
Term of patent 7 years



The ornamental design for a tumbler substantially as shown.

107,969
DESIGN FOR A TUMBLER
Melvin O. Hansen, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 7, 1937, Serial No. 73,423
Term of patent 7 years



The ornamental design for a tumbler substantially as shown.

107,990
DESIGN FOR A TUMBLER
Melvin O. Hansen, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 7, 1937, Serial No. 73,424
Term of patent 7 years



The ornamental design for a tumbler substantially as shown.

107,991
DESIGN FOR A TUMBLER
Melvin O. Hansen, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 7, 1937, Serial No. 73,425
Term of patent 7 years



The ornamental design for a tumbler substantially as shown.

167,892
DESIGN FOR A TUMBLER
Melvin O. Hansen, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 7, 1937, Serial No. 73,426
Term of patent 7 years



The ornamental design for a tumbler substantially as shown.

167,893
DESIGN FOR A TUMBLER
Melvin O. Hansen, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 7, 1937, Serial No. 73,427
Term of patent 7 years



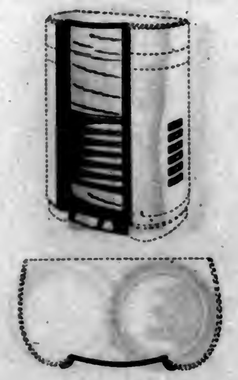
The ornamental design for a tumbler substantially as shown.

167,894
DESIGN FOR A TUMBLER
Melvin O. Hansen, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 7, 1937, Serial No. 73,428
Term of patent 7 years



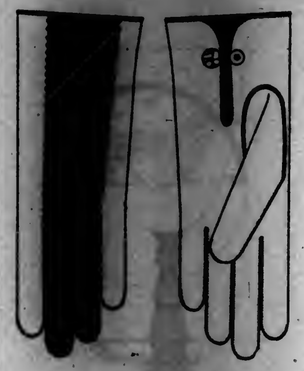
The ornamental design for a tumbler substantially as shown.

167,895
DESIGN FOR A RADIO CABINET
Archie L. Herron, Chicago, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application February 15, 1937, Serial No. 67,745
Term of patent 7 years



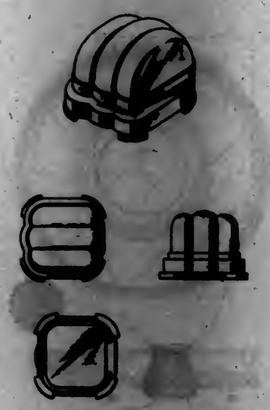
The ornamental design for a radio cabinet, substantially as shown and described.

167,896
DESIGN FOR A GLOVE
Julius A. Bieler, Gloversville, N. Y.
Application December 2, 1937, Serial No. 73,432
Term of patent 3½ years



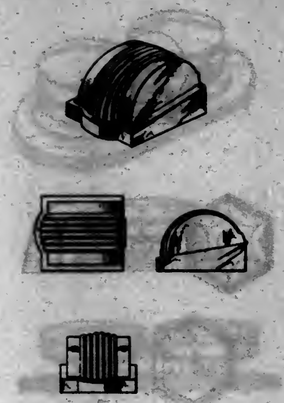
The ornamental design for a glove, substantially as shown.

167,897
DESIGN FOR A JEWELRY DISPLAY CONTAINER OR SIMILAR ARTICLE
William J. Hiscock, Buffalo, N. Y., assignor to Wellsheim & Sachs, Inc., Buffalo, N. Y., a corporation of New York
Application December 2, 1937, Serial No. 73,314
Term of patent 3½ years



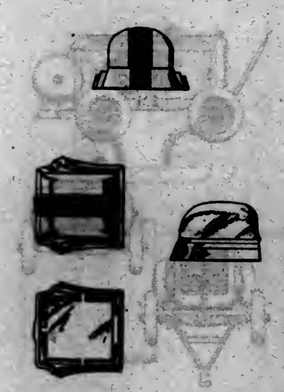
The ornamental design for a jewelry display container or similar article, as shown.

167,898
DESIGN FOR A JEWELRY DISPLAY CONTAINER OR SIMILAR ARTICLE
William J. Hiscock, Buffalo, N. Y., assignor to Wellsheim & Sachs, Inc., Buffalo, N. Y., a corporation of New York
Application December 2, 1937, Serial No. 73,315
Term of patent 3½ years



The ornamental design for a jewelry display container or similar article, as shown.

167,899
DESIGN FOR A JEWELRY DISPLAY CONTAINER OR SIMILAR ARTICLE
William J. Hiscock, Buffalo, N. Y., assignor to Wellsheim & Sachs, Inc., Buffalo, N. Y., a corporation of New York
Application December 2, 1937, Serial No. 73,316
Term of patent 3½ years



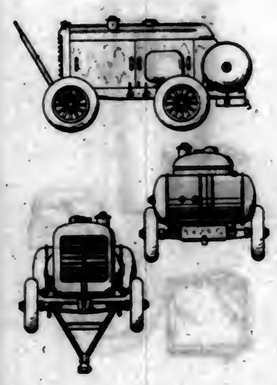
The ornamental design for a jewelry display container or similar article as shown.

166,890
DESIGN FOR A JEWELRY DISPLAY CONTAINER OR SIMILAR ARTICLE
William J. Hiscock, Buffalo, N. Y., assignor to Wolfshein & Sachs, Inc., Buffalo, N. Y., a corporation of New York
Application December 2, 1937, Serial No. 73,217
Term of patent 3½ years



The ornamental design for a jewelry display container or similar article as shown.

166,891
DESIGN FOR A MOTOR DRIVEN PORTABLE COMPRESSOR
Joseph W. Jones, Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application November 17, 1937, Serial No. 72,949
Term of patent 14 years



The ornamental design for a motor driven portable compressor, as shown.

166,892
DESIGN FOR A GOBLET OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application December 2, 1937, Serial No. 73,306
Term of patent 7 years



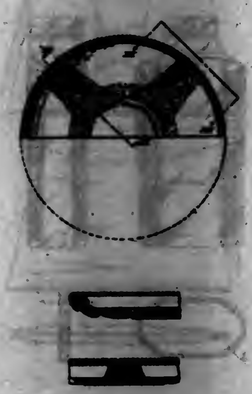
The ornamental design for a goblet or similar article, substantially as shown.

166,893
DESIGN FOR A GOBLET OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application December 2, 1937, Serial No. 73,307
Term of patent 7 years



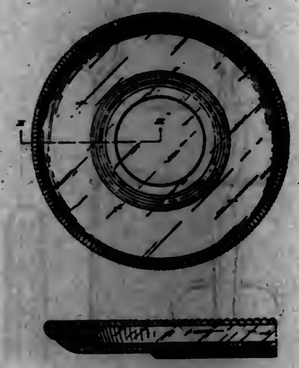
The ornamental design for a goblet or similar article, substantially as shown.

166,894
DESIGN FOR A SALAD PLATE OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application December 2, 1937, Serial No. 73,310
Term of patent 3½ years



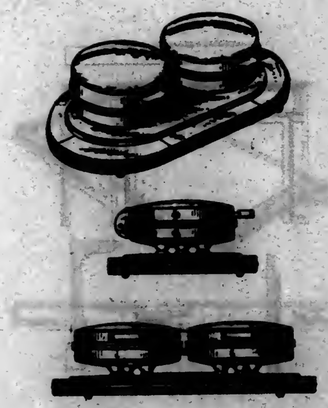
The ornamental design for a salad plate or similar article, substantially as shown and described.

166,895
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa.
Application December 10, 1937, Serial No. 73,516
Term of patent 3½ years



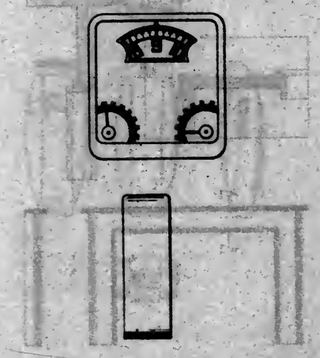
The ornamental design for a plate or similar article, substantially as shown.

166,896
DESIGN FOR A WAFFLE IRON OR THE LIKE
Howard A. Smith, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application November 29, 1937, Serial No. 73,243
Term of patent 7 years



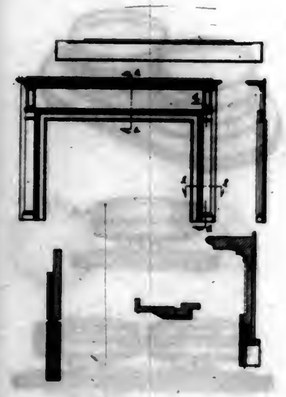
The ornamental design for a waffle iron or the like substantially as shown.

166,897
DESIGN FOR A COMBINATION CLOCK AND WEATHER AND TEMPERATURE INDICATOR
Othneil G. Williams, Winsted, Conn., assignor to William L. Gilbert Clock Corporation, Winsted, Conn., a corporation of Connecticut
Application November 26, 1936, Serial No. 66,944
Term of patent 3½ years



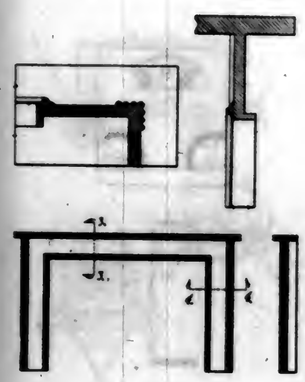
The ornamental design for a combination clock and weather and temperature indicator, as shown and described.

166,008
DESIGN FOR A MANTEL OR SIMILAR ARTICLE
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,263
Term of patent 7 years



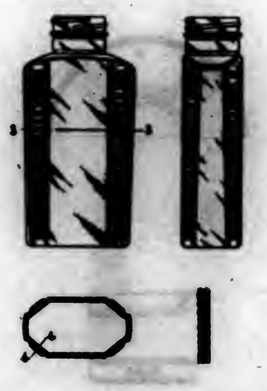
The ornamental design for a mantel or similar article substantially as shown.

166,009
DESIGN FOR A MANTEL OR SIMILAR ARTICLE
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,265
Term of patent 7 years



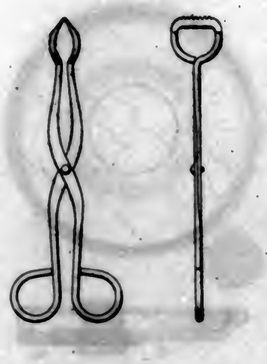
The ornamental design for a mantel or similar article, substantially as shown.

166,010
DESIGN FOR A BOTTLE
Sidney L. Brandeis, Chicago, Ill., assignor to Brockway Glass Company, Inc., Brockway, Pa.
Application November 18, 1937, Serial No. 72,995
Term of patent 7 years



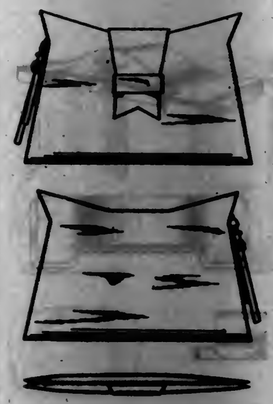
The ornamental design for a bottle, as shown.

166,011
DESIGN FOR A SERVING TONGS
John Clark Brown, New York, N. Y.
Application September 15, 1937, Serial No. 71,641
Term of patent 14 years



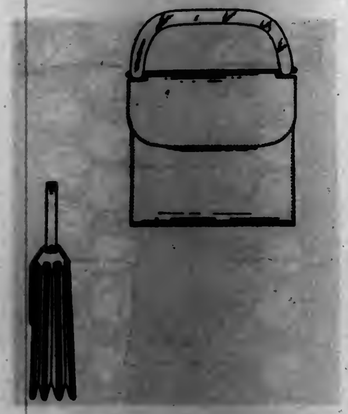
The ornamental design for a serving tongs, as shown.

166,012
DESIGN FOR A HANDBAG
Henri Fuhrmann, Chicago, Ill.
Application November 26, 1937, Serial No. 72,917
Term of patent 3½ years



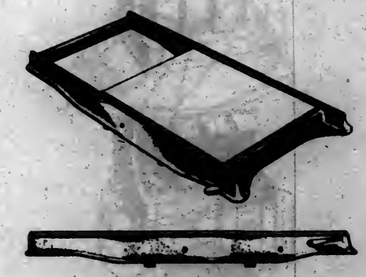
The ornamental design for a handbag, substantially as shown.

166,013
DESIGN FOR A HANDBAG
Henri Fuhrmann, Chicago, Ill.
Application December 8, 1937, Serial No. 73,470
Term of patent 3½ years



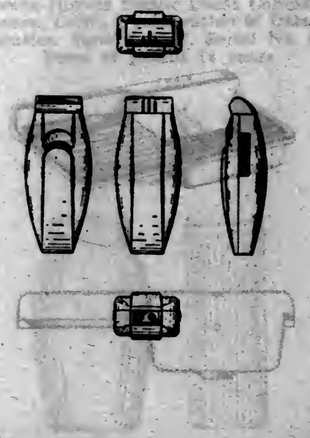
The ornamental design for a handbag, substantially as shown and described.

166,014
DESIGN FOR A PLATEN FRAME FOR TYPEWRITING MACHINES
Jacob N. Hoffman, Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application June 18, 1937, Serial No. 69,896
Term of patent 7 years



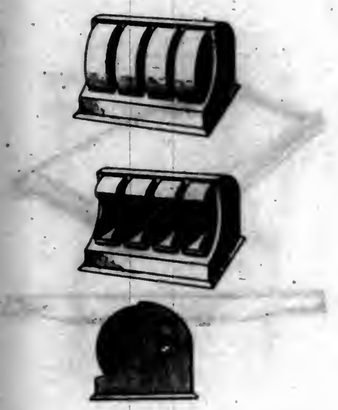
The ornamental design for a platen frame for typewriting machines, as shown.

166,015
DESIGN FOR A DRY SHAVER
Raymond Knapp, Long Island City, N. Y.
Application October 12, 1937, Serial No. 72,275
Term of patent 14 years



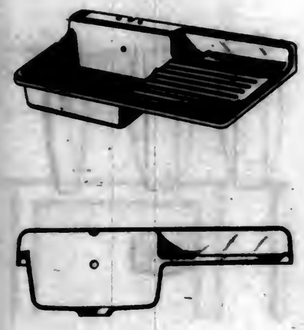
The ornamental design for a dry shaver substantially as shown.

166,016
DESIGN FOR A BOX FOR CIGARETTES, PLAYING CARDS, AND THE LIKE
Harvey Lathrop, Forest Hills, Long Island, N. Y.
Application November 18, 1937, Serial No. 72,966
Term of patent 7 years



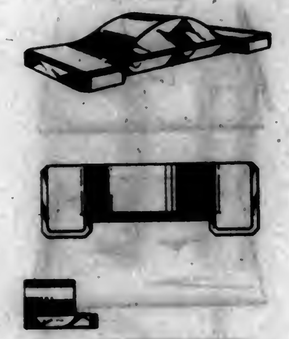
The ornamental design for a box for cigarettes, playing cards, and the like, substantially as shown.

166,017
DESIGN FOR A SINK
John R. Morgan, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application November 12, 1937, Serial No. 72,820
Term of patent 7 years



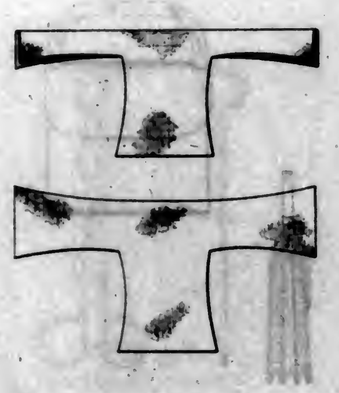
The ornamental design for a sink, as shown.

166,018
DESIGN FOR A TOILET TANK TOP
Charles C. Norris, Riverside, Calif.
Application November 16, 1937, Serial No. 72,744
Term of patent 7 years



The ornamental design for a toilet tank top, as shown.

166,019
DESIGN FOR A SCARF
Patricia Quinn O'Hara, New York, N. Y.
Application May 26, 1937, Serial No. 69,585
Term of patent 7 years



The ornamental design for a scarf, as shown and described.

166,020
DESIGN FOR A PACKER JAR
Fred J. Peiler, Hammond, Ind., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana
Application November 20, 1937, Serial No. 72,277
Term of patent 7 years



The ornamental design for a packer jar substantially as shown.

166,021
DESIGN FOR A TEXTILE FABRIC
Peter S. Salamanca, New York, N. Y.
Application December 16, 1937, Serial No. 73,648
Term of patent 2½ years



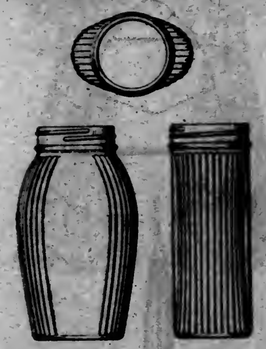
The ornamental design for a textile fabric substantially as shown.

166,022
DESIGN FOR A TELEPHONE HAND-SET-MOUNTING
Hans Sengebusch, Villa Park, Ill., assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application June 12, 1937, Serial No. 69,515
Term of patent 14 years



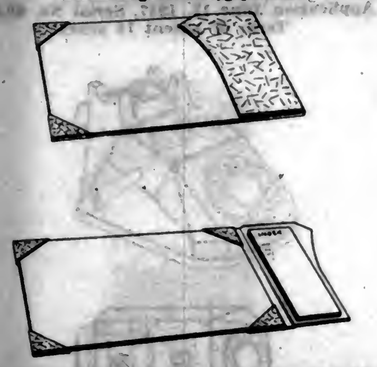
The ornamental design for a telephone hand-set-mounting as shown and described.

166,023
DESIGN FOR A JAR
Norman F. Stoner, San Francisco, Calif., assignor to Owens-Illinois Pacific Coast Company, San Francisco, Calif., a corporation of Delaware
Application June 2, 1937, Serial No. 69,652
Term of patent 14 years



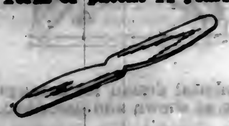
The ornamental design for a jar substantially as shown.

106,624
DESIGN FOR A COMBINATION BLOTTER AND PAD HOLDER FOR DESKS
Gloria Stone, Buffalo, N. Y.
Application June 22, 1936, Serial No. 63,440
Term of patent 3½ years



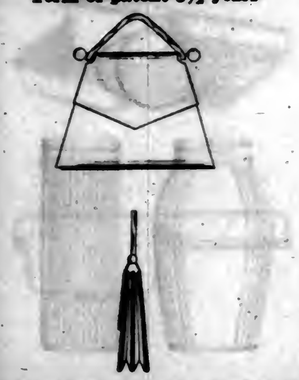
The ornamental design for a combination blotter and pad holder for desks as shown and described.

106,625
DESIGN FOR A HANDLE STICK
John W. West, Maplewood, N. J., assignor to Joe Lowe Corporation, New York, N. Y., a corporation of Delaware
Application June 10, 1936, Serial No. 63,185
Term of patent 14 years



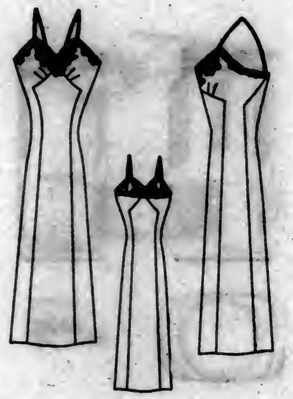
The ornamental design for a handle stick substantially as shown and described.

106,626
DESIGN FOR A HANDBAG
Henri Feimann, Chicago, Ill.
Application December 3, 1937, Serial No. 73,468
Term of patent 3½ years



The ornamental design for a handbag, substantially as shown and described.

106,627
DESIGN FOR A SLIP
Sol B. Heckman, New York, N. Y.
Application November 27, 1937, Serial No. 73,211
Term of patent 3½ years



The ornamental design for a slip substantially as shown.

106,628
DESIGN FOR A VEGETABLE MASHER OR SIMILAR ARTICLE
Joseph G. Jacobsen, Oak Park, Ill., assignor to The Edward Katzinger Company, Chicago, Ill., a corporation of Illinois
Application January 22, 1937, Serial No. 67,235
Term of patent 14 years



The ornamental design for a vegetable masher or similar article, as shown.

106,629
DESIGN FOR A DRESS
Margaret Michalsen, New York, N. Y.
Application December 9, 1937, Serial No. 73,456
Term of patent 3½ years



The ornamental design for a dress, substantially as shown, and described.

106,630
DESIGN FOR A DRESS ENSEMBLE
Margaret Michalsen, New York, N. Y.
Application December 17, 1937, Serial No. 73,669
Term of patent 3½ years



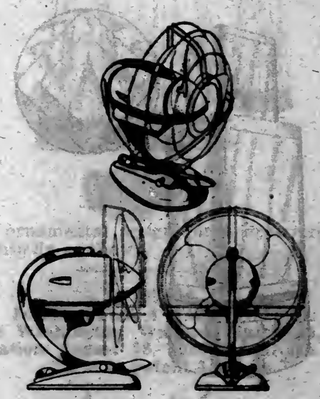
The ornamental design for a dress ensemble, substantially as shown and described.

106,631
DESIGN FOR A COAT
Henry Miller, New York, N. Y.
Application December 31, 1937, Serial No. 74,004
Term of patent 3½ years



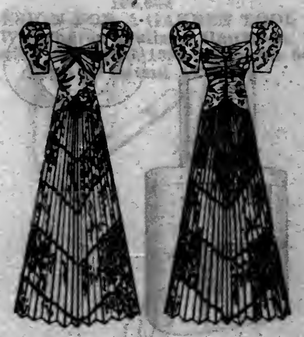
The ornamental design for a coat substantially as shown.

106,632
DESIGN FOR AN ELECTRIC FAN
Malcolm S. Park, Mount Kisco, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application October 27, 1937, Serial No. 72,497
Term of patent 3½ years



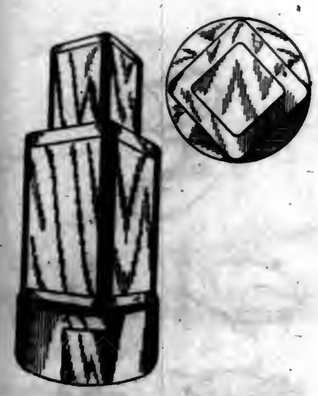
The ornamental design for an electric fan, as shown and described.

106,633
DESIGN FOR A DRESS
Edith Perlman, New York, N. Y.
Application December 27, 1937, Serial No. 73,668
Term of patent 3½ years



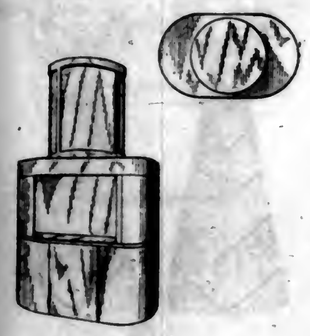
The ornamental design for a dress, substantially as shown, and described.

106,034
DESIGN FOR AN ADVERTISING DEVICE OR THE LIKE
Jean O. Reinecke, Chicago, Ill., assignor to Meta Dewes Burgweger, Wilmette, Ill.
Application October 7, 1937, Serial No. 72,040
Term of patent 14 years



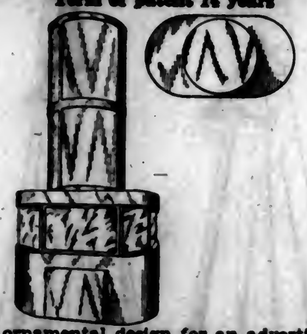
The ornamental design for an advertising device or the like, as shown.

106,035
DESIGN FOR AN ADVERTISING DEVICE OR THE LIKE
Jean O. Reinecke, Chicago, Ill., assignor to Meta Dewes Burgweger, Wilmette, Ill.
Application October 7, 1937, Serial No. 72,041
Term of patent 14 years



The ornamental design for an advertising device or the like, as shown.

106,036
DESIGN FOR AN ADVERTISING DEVICE OR THE LIKE
Jean O. Reinecke, Chicago, Ill., assignor to Meta Dewes Burgweger, Wilmette, Ill.
Application October 7, 1937, Serial No. 72,042
Term of patent 14 years



The ornamental design for an advertising device or the like, as shown.

106,037
DESIGN FOR A TEXTILE FABRIC
Walter Ross, New York, N. Y.
Application December 22, 1937, Serial No. 73,793
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown and described.

106,038
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application December 13, 1937, Serial No. 73,574
Term of patent 3½ years



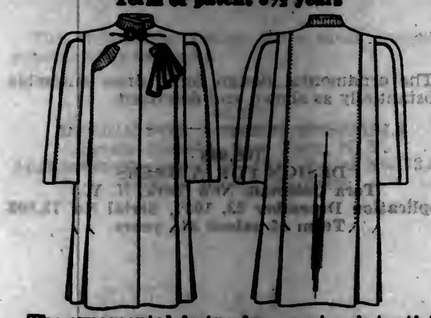
The ornamental design for a coat, substantially as shown and described.

106,039
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application December 13, 1937, Serial No. 73,576
Term of patent 3½ years



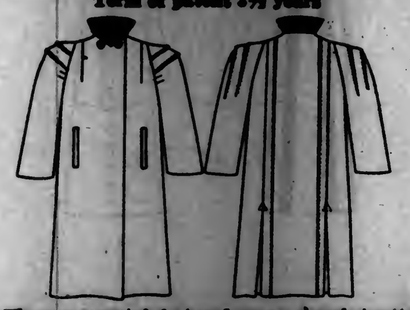
The ornamental design for a coat, substantially as shown and described.

106,040
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application December 20, 1937, Serial No. 73,734
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

106,041
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application December 20, 1937, Serial No. 73,735
Term of patent 3½ years



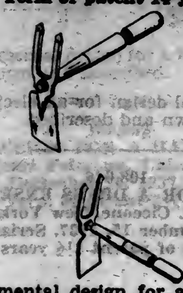
The ornamental design for a coat, substantially as shown.

106,042
DESIGN FOR A DRESS ENSEMBLE
William G. Stekman, New York, N. Y.
Application December 13, 1937, Serial No. 73,583
Term of patent 3½ years



The ornamental design for a dress ensemble, substantially as shown.

106,043
DESIGN FOR A GARDEN TOOL
Wayne Washington Wallace, Harriman, Tenn.
Application August 28, 1936, Serial No. 64,624
Term of patent 14 years



The ornamental design for a garden tool, as shown, and described.

106,044
DESIGN FOR A GARDEN TOOL
Wayne Washington Wallace, Harriman, Tenn.
Application August 28, 1936, Serial No. 64,625
Term of patent 14 years



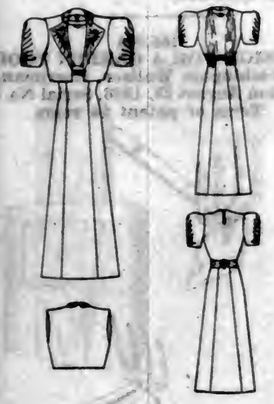
The ornamental design for a garden tool, as shown, and described.

108,645
DESIGN FOR AN ELECTRIC WELDING APPARATUS
James W. Wilkinson, deceased, late of Kansas City, Kans., by Gladys M. Wilkinson, executrix, Johnson, Kans.
Application May 10, 1937, Serial No. 69,276
Term of patent 7 years



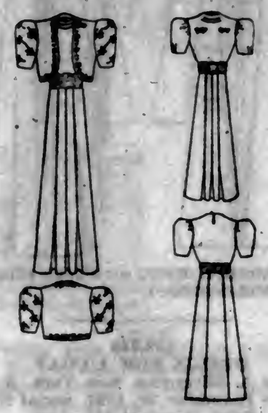
The ornamental design for an electric welding apparatus as shown and described.

108,646
DESIGN FOR A DRESS ENSEMBLE
Elizabeth M. Cisceno, New York, N. Y.
Application December 15, 1937, Serial No. 73,628
Term of patent 3½ years



The ornamental design for a dress ensemble substantially as shown.

108,647
DESIGN FOR A DRESS ENSEMBLE
Elizabeth M. Cisceno, New York, N. Y.
Application December 15, 1937, Serial No. 73,629
Term of patent 3½ years



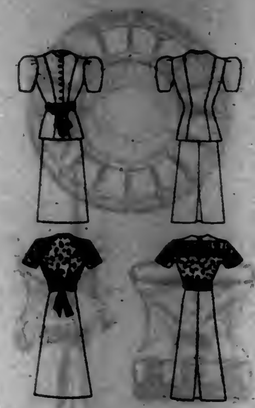
The ornamental design for a dress ensemble substantially as shown and described.

108,648
DESIGN FOR A DRESS
Tera Coleman, New York, N. Y.
Application December 22, 1937, Serial No. 73,868
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

108,649
DESIGN FOR A DRESS ENSEMBLE
Tera Coleman, New York, N. Y.
Application December 22, 1937, Serial No. 73,869
Term of patent 3½ years



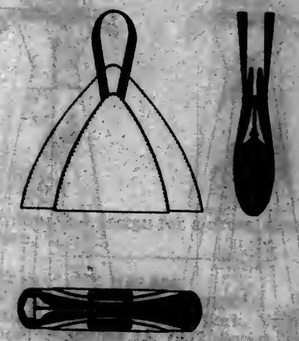
The ornamental design for a dress ensemble substantially as shown.

108,650
DESIGN FOR A DRESS ENSEMBLE
Sylvia Connell, New York, N. Y.
Application December 22, 1937, Serial No. 73,824
Term of patent 3½ years



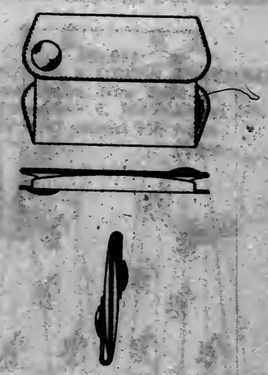
The ornamental design for a dress ensemble, substantially as shown, and described.

108,651
DESIGN FOR A HANDBAG
Henri Fuisseau, Chicago, Ill.
Application December 20, 1937, Serial No. 73,722
Term of patent 3½ years



The ornamental design for a handbag, substantially as shown and described.

108,652
DESIGN FOR A HANDBAG
Henri Fuisseau, Chicago, Ill.
Application December 20, 1937, Serial No. 73,723
Term of patent 3½ years



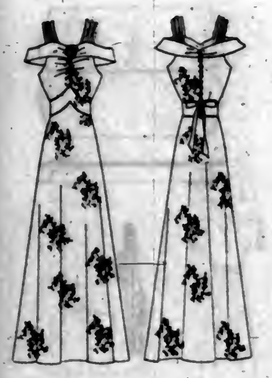
The ornamental design for a handbag, substantially as shown and described.

102,953
DESIGN FOR A DRESS
Ida Lampel, New York, N. Y.
Application December 20, 1937, Serial No. 73,730
Term of patent 3½ years



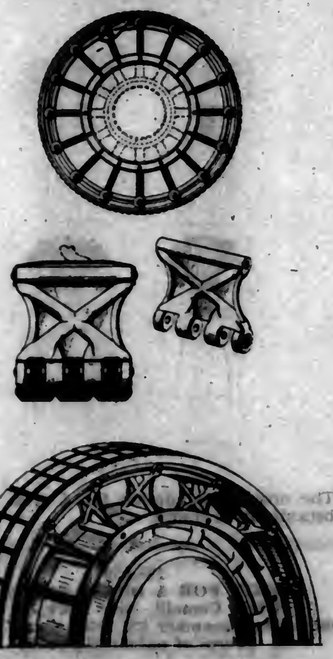
The ornamental design for a dress, substantially as shown and described.

102,954
DESIGN FOR A DRESS
Abraham Magenis, New York, N. Y.
Application December 23, 1937, Serial No. 73,813
Term of patent 3½ years



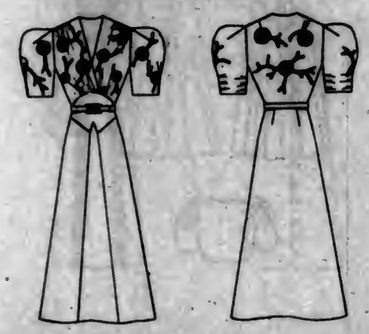
The ornamental design for a dress, substantially as shown.

102,955
DESIGN FOR A COMBINED WHEEL AND TIRE
James V. Martin, Hempstead, N. Y.
Application April 12, 1936, Serial No. 62,193
In Canada January 22, 1936
Term of patent 14 years



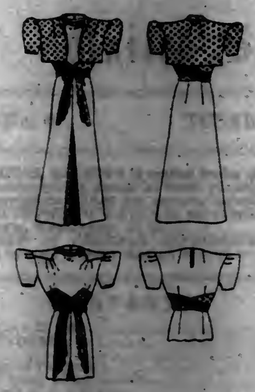
The ornamental design for a combined wheel and tire, as shown and described.

102,956
DESIGN FOR A DRESS
Sidney J. Foster, New York, N. Y.
Application December 4, 1937, Serial No. 73,454
Term of patent 3½ years



The ornamental design for a dress, substantially as shown, and described.

102,957
DESIGN FOR AN ENSEMBLE DRESS
Nathan Rolfe, New York, N. Y.
Application December 23, 1937, Serial No. 73,830
Term of patent 3½ years



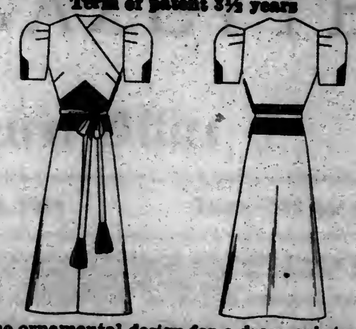
The ornamental design for an ensemble dress, substantially as shown.

102,958
DESIGN FOR A DRESS
Benjamin Shapiro, Brooklyn, N. Y.
Application December 15, 1937, Serial No. 73,624
Term of patent 3½ years



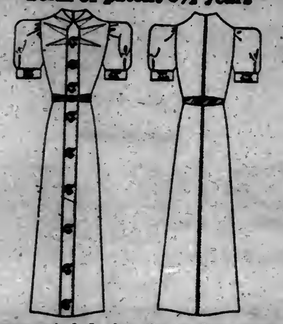
The ornamental design for a dress substantially as shown.

102,959
DESIGN FOR A DRESS
Marie Eileen Smith, New York, N. Y.
Application December 20, 1937, Serial No. 73,728
Term of patent 3½ years



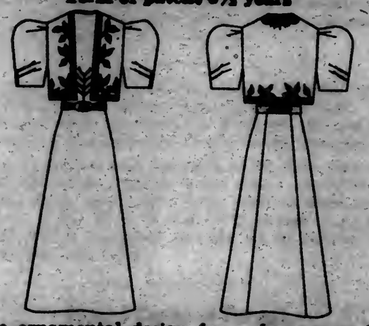
The ornamental design for a dress, substantially as shown.

102,960
DESIGN FOR A DRESS
Mildred Wagner, New York, N. Y.
Application December 15, 1937, Serial No. 73,627
Term of patent 3½ years

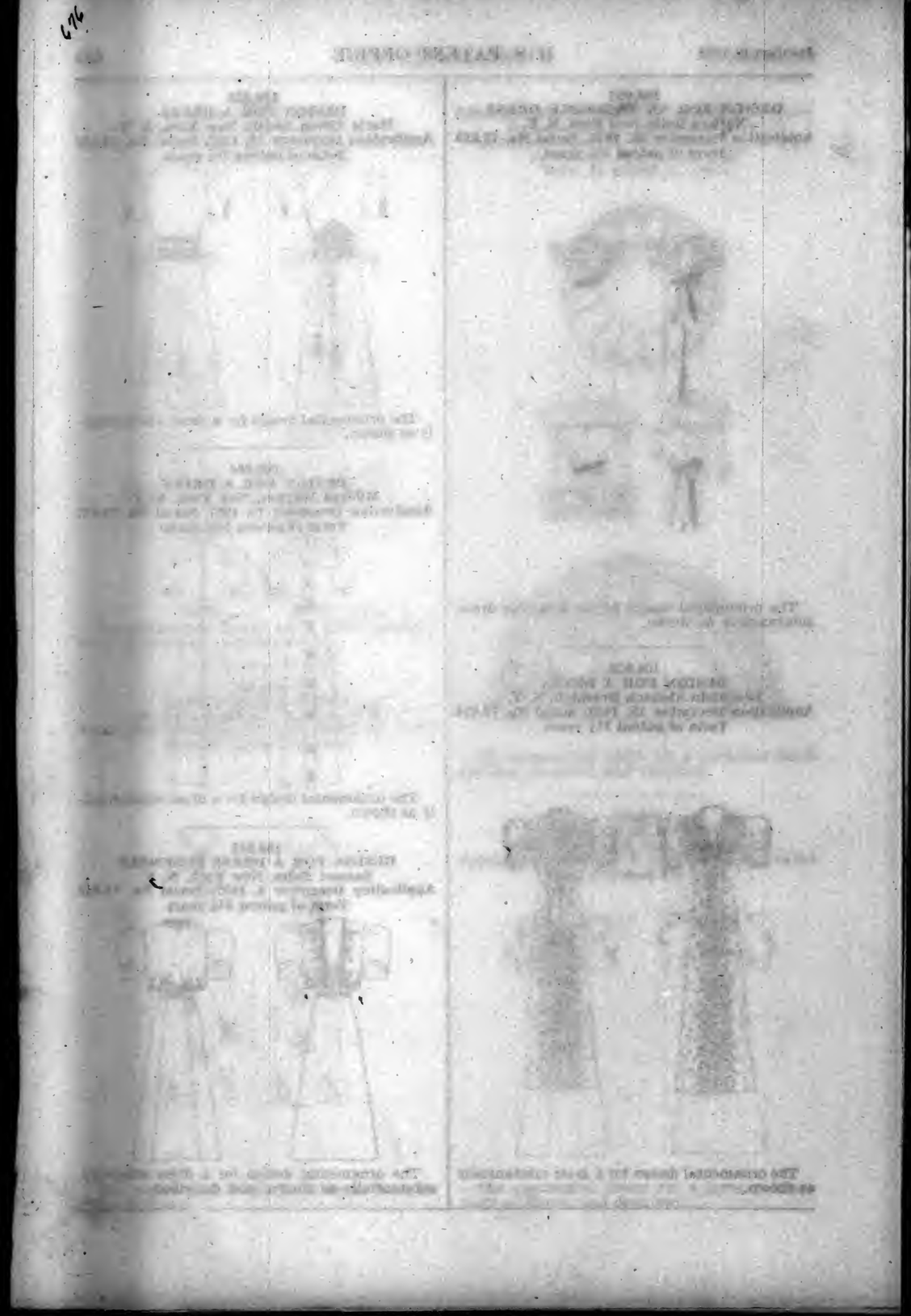


The ornamental design for a dress substantially as shown.

102,961
DESIGN FOR A DRESS ENSEMBLE
Samuel Zahn, New York, N. Y.
Application December 4, 1937, Serial No. 73,245
Term of patent 3½ years



The ornamental design for a dress ensemble, substantially as shown, and described.



Patents Nos. 2,106,154 to 2,106,697

THE OFFICIAL GAZETTE

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January 25, 1938

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Labels	11—No.	33,602 to No.	33,612, inclusive.
Prints	1—No.	14,027	
Reissues	9—No.	20,033 to No.	20,041, inclusive.
Patents	544—No.	2,106,154 to No.	2,106,697, inclusive.
Designs	126—No.	103,567 to No.	103,692, inclusive.
Total	868		

Adjudicated Patents

(D. C. N. J.) Hayduck patent, No. 1,449,103, for process for the manufacture of compressed yeast, *Held* valid and infringed. *Standard Brands* v. *National Grain Yeast Corporation*, 21 F. Supp. 46.

(D. C. N. J.) Hayduck patent, No. 1,449,105, for low-alcohol yeast process, *Held* invalid. *Id.*

(D. C. N. J.) Hayduck patent, No. 1,449,106, for low-alcohol yeast process, *Held* invalid. *Id.*

(D. C. N. J.) Hayduck patent, No. 1,449,109, for low-alcohol yeast process, *Held* invalid. *Id.*

(D. C. Pa.) Cappon patent, No. 1,475,932, for ink eradicator, claims 1, 2, 4, 5, and 9 *Held* valid and infringed. Claim 8 *Held* invalid. *Cardinell Corporation* v. *Scriptos Ink & Paste Co.*, 21 F. Supp. 60.

(C. C. A. Ind.) Gillian patent, No. 1,620,643, for glove, *Held* not infringed. *Gillian* v. *Glove Corporation*, 92 F.(2d) 656.

(D. C. N. J.) Corby and Bührig patent, No. 1,673,735, for process for the manufacture of yeast, *Held* invalid. *Standard Brands* v. *National Grain Yeast Corporation*, 21 F. Supp. 46.

(C. C. A. Ill.) Lewin patent, No. 1,777,120, for conduit coupling, claim 6 *Held* valid and infringed. *Pyle Nat. Co.* v. *Lewin*, 92 F.(2d) 628.

(C. C. A. Ill.) Lewin patent, No. 1,800,539, for conduit coupling, claims 2, 3, 8, 9, 10, and 11 *Held* valid and infringed. *Id.*

(C. C. A. Ind.) Gillian patent, No. 1,807,402, for glove, claims 1 and 2 *Held* invalid. *Gillian* v. *Glove Corporation*, 92 F.(2d) 655.

Disclaimers

1,907,328.—*Alexander A. MacOubbin*, Montclair, and *Joseph Zavertnik, Jr.*, Harrington Park, N. J. DISTILLATION OF PETROLEUM OILS. Patent dated May 2, 1933. Disclaimer filed December 29, 1937, by the assignee, *Warren W. Grimes*.

Hereby enters his disclaimer to claim 5 of said Letters Patent.

1,919,292.—*John Field*, Fairfield, Conn. ELASTIC GARMENT. Patent dated July 25, 1933. Disclaimer filed December 27, 1937, by the assignee, *United States Rubber Products, Inc.*; *The Warner Brothers Company*, former assignee, consenting.

Hereby disclaims claim 9 of said patent, and also disclaims from the scope of claims 1, 3, 6, 7, and 8, a garment wherein the material positioned at the rear of the wearer and extending over the posterior portions is formed of a knitted elastic fabric employing knitted elastic yarn in its construction and having laid-in elastic yarn extending along some of the knitted courses.

2,097,173.—*Arthur J. Beasley*, Shaker Heights, Ohio. Closure means. Patent dated October 26, 1937. Disclaimer filed December 31, 1937, by the assignee, *National Malleable and Steel Castings Company*.

Hereby disclaims from the claim of the above identified Letters Patent any closure means except one which is bendable along intersecting axes, such as those designated A—A and B—B in line 36 of column 2, page 1, of said patent, extending through spaces between the "projections" and "ribs".

Printed Copies of Patents

A printed copy of the complete specification and drawings of any patent published herein can be obtained for ten cents.

Condition of Applications Under Examination at Close of Business January 8, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 43,827; Trade-Mark Division, 1,805. Oldest new case, July 6, 1937; oldest amended, June 21, 1937.)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Aug. 9	Aug. 9	721
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Sept. 4	Sept. 7	781
4602	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Nov. 9	Nov. 8	372
7003	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Harvesting; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Oct. 1	Sept. 30	508
2027	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons.	Oct. 8	Oct. 8	825
4600C	6. LEWERS, A. M., Carbon Chemistry (part)	Oct. 3	Oct. 4	760
2220	7. JAEGER, C. D., Optics; Photography	Sept. 21	Sept. 29	1,187
6800	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Oct. 1	Oct. 12	854
4604	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Sept. 17	Sept. 9	503
6813	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies and Tops; Vehicle Fenders; Spring Devices.	Sept. 1	Sept. 4	886
6807B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Buttons, Eyelet, and Stud Setting; Harness; Leather Manufactures; Welting and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Oct. 4	Oct. 6	517
7701	12. HENRY, O. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Step Mechanisms; Velocipedes.	Aug. 6	Aug. 4	773
6800	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning, Boring and Drilling.	Sept. 1	Sept. 1	995
6807	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Oct. 11	Oct. 9	980
4607	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Sept. 28	Sept. 28	1,124
5710	16. SPENCER, C. J., Telegraphy; Telephony	Sept. 8	Sept. 8	841
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures, Printing; Type Casting; Sheet-Material Associated or Printing; Sheet or Web Feeding; Type Setting.	Oct. 8	Oct. 8	813
4613	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 8	Sept. 9	454
4600	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Sept. 14	Sept. 10	774
6800	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Sept. 15	Sept. 15	429
7730	21. THOMPSON, T. J., Textiles; Cloth Finishing	Oct. 6	Oct. 2	880
6600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Boats' Ships; Marine Propulsion.	Oct. 13	Oct. 13	977
7234	23. BUTTNER, W. J., Registers (part)	July 3	June 21	228
6602	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Oct. 11	Oct. 13	835
6700	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Oct. 8	Oct. 2	881
6602	26. YOUNG, R. R., Electricity, Generation; Motive Power	Sept. 2	Sept. 2	802
5703	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	July 27	July 26	823
4603	28. SOLYOM, H. L., Internal-Combustion Engines	Oct. 15	Oct. 6	283
6002	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Sept. 1	Sept. 2	926
4600	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illuminating; Thermostats and Humidostats.	Aug. 9	Aug. 9	843
4700	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Oct. 11	Oct. 11	882
4600	32. LYON, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Oct. 1	Oct. 1	811
6800	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Sept. 23	Sept. 27	936
6600	34. GAPENSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Oct. 25	Oct. 15	815
2670	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Oct. 9	Oct. 7	846
7002	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Sept. 2	Sept. 2	867
2600B	37. WEAVER, M. L., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Sept. 9	Sept. 14	721
3004	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Wells; Plastic Compositions.	Aug. 28	Aug. 31	899
4670	39. WHITNEY, F. L., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Sept. 7	Sept. 3	849
2670	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Sept. 8	Sept. 3	1,202
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Engineer Sets	Sept. 25	Sept. 28	889
2600	42. CUTTING, H. O., Electric Signaling	Sept. 7	Sept. 2	884
4601B	43. KLINGE, R. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Sept. 13	Sept. 14	868
4607B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Aug. 10	Aug. 11	846
7008	45. HILL, H. D., Starting and Coupling; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanisms; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Sept. 24	Sept. 27	716
4613	46. TAYLOR, M. E., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Sept. 10	Sept. 10	640
6800	47. LOWE, E. R. (Act.), Clutches; Brakes	Oct. 1	Oct. 1	806
2601	48. BOEPPLE, O. B., Electricity, General Applications; Igniters	Sept. 20	Sept. 20	888
7726	49. SHEFFIELD, E. L., Chain-Constructed Apparatus; Ventilating; Driers; Liquid Purification	July 13	July 13	870
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Oct. 4	Oct. 5	870
2600	51. BACKUS, C. D., Radiant Energy	Sept. 28	Sept. 28	911
7700	52. KNOTTS, M. E., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Oct. 1	Oct. 1	874
6807	53. PECK, M. E., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Posting and Paper Hanging.	Sept. 11	Sept. 9	823
2674	54. STRACHAN, C. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Oct. 28	Oct. 28	900
6000	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Aug. 14	Aug. 17	1,074
4700	56. COCKBILL, G., Chemical Chemistry; Laminated Fabrics; Paper Making	Aug. 25	Aug. 26	1,160
6813	57. MICOLSON, C. D. G., Cooking and Pantomime; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Drum and Horse Furnishings; Jewelry; Nut and Bolt Locks; Toys.	Sept. 16	Sept. 3	943
2600	58. DOWELL, T. F., Aircraft; Buttons and Jars	Sept. 21	Sept. 14	877
4700	59. SHEPARD, F. F., Chemistry; Fertilizer; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Oct. 1	Oct. 12	917
2600	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Sept. 21	Sept. 11	886
6726	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Aug. 5	July 15	700
6621	62. FUGH, E. C., Gaming; Geometrical Instruments	Oct. 11	Oct. 11	868
4600	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Sept. 11	Oct. 2	406
4708	64. NASH, F. M., Aeronics; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Oct. 1	Oct. 1	1,021
2612	65. McDERMOTT, F. S., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Sept. 4	Sept. 4	661
2600B	Trade-Mark Cases, Labels and Prints: F. A. RICHMOND	Trade-Marks	Dec. 1	Dec. 24	1,475
		Labels and Prints	Nov. 23	Dec. 27	330
3005	Designs, H. H. KALUPY		Dec. 14	Dec. 23	905

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE TAYLOR AND LOUNSBURY

No. 3,859. Decided December 28, 1937

(88 F.(2d) 705)

PATENTABILITY—PROCESS OF REFINING PETROLEUM.

Claims for a process of refining petroleum *held* unpatentable over the prior art.

APPEAL from the Patent Office. Affirmed.

Mr. Cornelius M. Stillmore for Taylor and Lounsbury.

Mr. E. F. Whitehead and *Mr. Howard E. Miller* for the Commissioner of Patents.

GARRETT, *J.*:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office affirming a decision of the Examiner denying the patentability of 11 claims, numbered 36 to 46, inclusive, of an application for patent for a process of oil refining. Claims 36 to 38, inclusive, are generic claims. The Examiner classes claims 40 to 42, inclusive, as being

"sub-generic to claims 36 to 39 and generic to species of converting the sulphur compounds into sulphur compounds having higher boiling point."

Claims 43 to 46, inclusive, are drawn to the species of treating with sulphuric acid. Five claims, numbered 47 to 51, inclusive, are not directly involved in this appeal, they being held by the tribunals of the Patent Office to be

"directed to other species which it is believed would become patentably allowable, if generic claims 36-39 are decided to be allowable."

We quote claims 36, 40, and 45:

36. A process for refining a sulfur-containing petroleum distillate of gasoline boiling range, comprising: sharply fractionating said distillate into a plurality of not substantially overlapping gasoline fractions, at least one of which fractions contains sulfur compounds, separately chemically treating said fraction containing sulfur compounds to convert sulfur compounds into sulfur compounds boiling within the boiling temperature range of one other of said gasoline fractions, separately redistilling said treated fraction to recover the major portion of said treated fraction and eliminate converted sulfur compounds, and blending the redistilled desulfurized portion with another of said gasoline fractions of the distillate having a boiling temperature range including the boiling temperatures of some of the eliminated sulfur compounds.

40. A process for refining a sulfur-containing petroleum distillate of gasoline boiling range, comprising: sharply fractionating said distillate into a plurality of not substantially overlapping gasoline fractions at least one low boiling fraction of which contains sulfur compounds, separately chemically treating said low boiling gasoline fraction to convert sulfur compounds into compounds having boiling temperatures which fall within the boiling temperature range of a higher boiling gasoline fraction of said distillate, separately redistilling the treated fraction in a manner to recover the major portion of said treated fraction and eliminate converted sulfur compounds, and blending the recovered desulfurized portion with at least one other of said gasoline fractions of the distillate having a boiling temperature range including the boiling temperatures of some of the eliminated sulfur compounds.

45. A process for refining a sulfur-containing petroleum distillate of gasoline boiling range, comprising: sharply fractionating said distillate into a plurality not substantially overlapping gasoline fractions, more than one of which contains sulfur compounds, separately treating at least two of said sulfur-containing gasoline fractions with sulfuric acid so as to cause a change in the constitution of the sulfur compounds accompanied by a rise in the boiling temperature of said sulfur compounds, the boiling temperatures of said converted sulfur compounds being beyond the original boiling temperature ranges of the major portions of the respective treated fractions and within the boiling temperature range of another of said gasoline fractions, separately redistilling said treated fractions to recover the major portions thereof having substantially the same boiling temperature ranges as those of the original fractions and to eliminate converted sulfur compounds, and blending the redistilled portions.

The Examiner rejected the claims at issue upon prior art and also "as being drawn to an old and exhausted combination." The latter ground was not referred to in the decision of the Board. The prior art references cited are: Robinson, 910,534, January 26, 1909; Coast, 1,400,860, December 20, 1921; Howard et al., 1,797,145, March 17, 1931; Merrell, 1,827,537, October 13, 1931; Wagner, 1,873,738, August 23, 1932.

All the claims are method claims and no drawing accompanies the application. The steps comprehended in the process, in the combination of which steps the invention is claimed to reside, are four in number. These we give (supplying the numerals) in the language of the concluding portion of the specification:

[1] producing a number of fractions by distillation, [2] treating some or all fractions to change the volatility of sulfur-bearing components by any of known methods, [3] separating said components from the low-sulfur-containing portions by distillation and [4] thereafter combining the remaining desulfurized portions to produce finished material of low sulfur content.

The brief on behalf of appellants, after a general statement relative to process of distilling petroleum to obtain gasoline, says:

Appellants' invention is particularly concerned with a method for eliminating sulfur-bearing substances which could not be removed by these old methods of treatment. [Italics quoted.]

There was no oral argument before us on behalf of appellants, but an elaborate brief was filed originally, and, by permission of the court, a brief in reply to that of the Solicitor for the Patent Office also was filed.

These briefs we have examined with care, and it must be stated that in neither of them does there appear to be specific and definite answers to the adverse findings of the Examiner; approved in all respects, although without detailed discussion as to all of them, by the Board.

It is well settled, of course, that this court will not reverse concurring decisions of the tribunals of the Patent Office unless we are convinced that such decisions are manifestly erroneous, and the burden rests upon the party appealing to point out and convince us of the error, or errors, alleged.

The Examiner gives detailed statements of the features of the prior art deemed by him to be pertinent to the issue, saying, inter alia:

* * * Merrell teaches the process of separating a distillate of the gasoline range into two or more fractions, treating each fraction separately, and then blending the treated fractions. Attention is particularly directed to lines 17 to 64 and lines 95 to 97, page 2 of Merrell. It is to be noted that Merrell mentions the advisability of redistillation of the chemically treated fractions where thought necessary before blending said fractions. The applicability of Merrell to the instant case is apparent. It is conceded that Merrell does not specifically describe the chemical treatment of each fraction in order to convert the sulphur compounds into such compounds which would fall within the boiling range of another

fraction. Nevertheless, Morrell does teach the desirability of redistillation, and since the main object of the Morrell process is desulphurisation it would be obvious that the distillation would be carried out in such a way as to obtain the greatest possible removal of the objectionable sulphur compounds. Distillation for the purpose of more efficient separation of desirable from undesirable components of a fraction simply falls within the domain of any oil refining engineer.

Wagner separates a distillate into three fractions within the motor fuel range and treats at least two of the fractions separately. Wagner teaches the redistillation of the separated fractions as noted on page 2, lines 53 to 56, and the blending feature on page 2, lines 90 to 103.

Robinson 910,584 discloses treating oil from cracked products in separate fractions followed by rerunning before blending to obtain a kerosene product of a very low sulphur content. See page 6, lines 23 to 47 and lines 118 to 122 of Robinson.

Coast discloses the separation of a distillate into two fractions wherein the heavier fraction is treated with sulphuric acid, redistilled and then blended with the untreated lighter fraction.

The Board did not, in its first decision, enter into details of the prior art but devoted its discussion largely to a diagram containing two figures which appellants seem to have presented to that tribunal in a brief to illustrate their views of the distinction between their procedure and that of the prior art. This diagram is repeated in the brief before us, it is stated,

"For the purpose of aiding the Honorable Court in understanding the decision of the Board of Appeals * * *."

The brief further states that "this figure will not be relied upon in the present appeal * * *."

Since appellants do not here rely upon that diagram, it is our assumption that they accepted as correct the Board's analysis thereof and answer thereto. Appellants, however, include in their brief before us another diagram consisting of three figures intended to illustrate their argument relative to distillate boiling between certain temperatures, distillation curves, fractionating into a plurality of narrower not substantially overlapping fractions, treating one or more of the fractions chemically, separately redistilling the treated fractions, and, finally, the blending process.

As to claim 45, supra, appellants petitioned the Board for rehearing, pointing out certain limitations which it was claimed clearly distinguished it from the prior art. In denying this petition the Board wrote a second opinion in which appear a number of quotations from the Morrell specification, some of which seem to us to be pertinent not only to the limitations in claim 45, but generally to all the claims.

It is conceded in the brief on behalf of appellants that the specific steps of their process are "individually old," but the insistence is that the claims "are drawn to novel combination steps which mutually co-act to achieve improved results," that is, as we deduce from the statement of the brief, quoted, supra, the result of "eliminating sulfur-bearing substances which could not be removed by * * * old methods of treatment."

The difficulty which we have in respect to this contention is that of finding just where or how the appellants have combined the admittedly old steps in any novel manner which required the exercise of invention. The brief for appellants emphasizes the fact that it was conceded by the Examiner that

"Morrell does not specifically describe the chemical treatment of each fraction in order to convert the sulphur compounds into such compounds which would fall within the boiling range of another fraction."

Also, the brief asserts:

* * * *Appellants' process is a further improvement on Morrell's* in so far as the drastic treatment of the heavier fraction *A* of Morrell can be improved by applying appellants' method, that is by subdividing this fraction by distillation into two or more cuts, acid treating each cut separately to convert sulfur compounds, separately redistilling each treated cut, and combining desulfurized distillates with the alkali treated fraction *B* of Morrell. The sulfur reduction by this method would be still greater than by Morrell's method. [Italics quoted.]

While it is true that the Examiner made the concession, recited supra, it is also true that the chemical treatment of fractions derived from distillation and their redistillation after treatment is admittedly old.

Morrell teaches the treatment of a "condensed fraction" by sulphuric acid, caustic soda, and plumbite, and "if necessary, a redistillation." The Morrell specification further states:

* * * I have found that these objectionable amounts of sulphur compounds can be more readily removed from the distillate if the distillate is divided into fractions. The reason for this is that the *separated fractions* permit of more intimate contact between the oil and the *desulphurizing agent*. While the reactive types of sulphur compounds may be of the same general series in the several fractions, the *separation* of these fractions permits more *selective* action between the *desulphurizing agent* and the *reactive sulphur compounds*. [Italics ours.]

The foregoing certainly seems to us to justify the holding that Morrell teaches the chemical treatment of all fractions when necessary to desulphurize. Also, he teaches the following:

After the various fractions have been independently subjected to the necessary refining and desulphurizing treatment, they are recombined and the recombined product is ready for use as a motor fuel.

So, it seems to us clear that Morrell teaches the four general steps of (*a*) fractionating by distillation, (*b*) chemical treatment of all fractions which require treatment, (*c*) redistillation after treatment, if necessary, and (*d*) blending the refined fractions.

It is urged on behalf of appellants that the only redistillation taught by Morrell is that of redistilling the highest boiling fraction, but it is conceded that in his specification Morrell states that some of another fraction may be subjected to a "*light* refining or a *light* desulfurizing action and redistillation" (italics quoted), and it is then argued that such light treatments do not mean the "drastic" treatments of the separate fractions which appellants require.

We find nothing in appellants' claims which specifically names "drastic" treatment. It is supposed that we are asked to infer that "drastic" treatment is necessary in order to convert sulfur compounds into compounds boiling within the boiling range of "one other of the fractions." We do not feel at liberty to draw such an inference but, even if drawn, we are not convinced that Morrell's process fails to comprehend such treatment. Morrell's objective was the same as that of appellants—desulphurization, and we regard as quite pertinent the observation of the Examiner to the effect that it would be obvious to carry out the Morrell process in such a way as to obtain, as nearly as possible, the desired result.

It is noted that in appellants' specification, after describing the treatments declared to be requisite for desulphurizing the fractions, it is said:

It is not always necessary, however, to treat all fractions of the distillate by one of these methods, as some of them, especially those occurring at the lower boiling range, sometimes do not contain a sufficiently high percentage of sulfur to require any other treatment, than a soda or water-wash. In some cases certain fractions may be sweetened by doctor treatment and may not require redistillation. The most effective and/or economical combination of the various treatments can be best ascertained by preliminary tests on a small scale; the method and conditions selected are then reproduced in the plant operation.

No reason is suggested why tests "on a small scale" may not be made in applying the Morrell process, as well as in applying the process of appellants.

It is pointed out in the second decision of the Board that Morrell's specification states:

* * * It is obvious of course, that any number of cuts or fractions may be made in the fractionating tower, and that the fractions or cuts may be taken off separately at varying heights in the fractionating tower, and subjected to only that amount of refining action which will produce the most efficient results. * * *.

In view of all the foregoing, we are unable to agree to the correctness of the contention of counsel for appellants that "Actually, Morrell has stopped where appellants have only begun," but, it may be remarked that, even were this conceded, the question would still remain whether the combination of steps on the part of appellants alleged to be different involves invention, or is merely a matter of mechanical skill.

We have found some difficulty in determining the precise limitations embraced in claim 45, supra, upon which appellants rely to differentiate it in principle, or in any patentable sense, from the other rejected claims.

The brief says:

Claim 45 calls for (*a*) distilling a gasoline distillate into a plurality of sulfur bearing fractions, (*b*) separately treating at least two sulfur bearing fractions to produce sulfur compounds boiling beyond the ranges of the original fractions but within gasoline range (*c*) separately redistilling the treated fractions and (*d*) blending the redistilled fractions.

Taking the argument in the brief and considering also the statements in the petition for rehearing filed with the Board, it is our conclusion that limitation (*b*), supra

"separately treating at least two sulfur bearing fractions to produce sulfur compounds boiling beyond the ranges of the original fractions but within gasoline range"

comprises the subject matter upon which the contention is principally based.

We are of the opinion that the teachings of the Morrell patent, already quoted supra, while not specifically stating a treatment of two separate fractions, are comprehensive enough to include the treatment of two, or even more. That the use of sulfuric acid is taught by the prior art already has been pointed out, and we are unable to discern wherein appellants teach its use in any new way.

We do not feel under the necessity of analyzing or discussing any other of the references cited, since it seems clear to us that whatever appellants do which differs from Morrell's teachings does not constitute invention. For the same reason, we do not regard it necessary to give especial attention to appellants' claimed result. They claim to have accomplished a higher degree of desulphurisation than was accomplished by the prior art. This may be true, although we have no particular evidence of it in the record, but that would not of itself render their process patentable.

We find no error in the holdings below and the decision of the Board of Appeals is affirmed.

Affirmed.

GRAHAM, *P. J.*, sat during the argument of this case, but died before the opinion was prepared.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

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340,357. Tea. Montgomery Mills, Jersey City, N. J. Registered November 3, 1936. Canceled January 7, 1938.

345,804. Certain named medicinal preparations. The Warren-Teed Products Company, Columbus, Ohio. Registered May 4, 1937. Canceled January 7, 1938.

347,637. Aspirin tablets. Elijay Corporation, Chicago, Ill. Registered June 29, 1937. Canceled January 7, 1938.

349,348. Hair preparation. Paul Gaise, Jr., New York, N. Y. Registered August 24, 1937. Canceled January 7, 1938.

349,690. Refrigerators. Fordson Export Corporation, Detroit, Mich. Registered August 31, 1937. Canceled January 7, 1938.

351,887. Children's, misses', and women's outer garments. Morris Sobelman, doing business as Perfect Garment Company, Baltimore, Md. Registered November 9, 1937. Canceled January 7, 1938.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 2,027,007, Otto Wittal, Feelable footage indicator for motion picture apparatus, decided December 31, 1937, claims 1, 2, 3, 4, 5, 6, and 7.

Pat. 2,056,896, J. K. Douglas, Hydraulic transmission, decided December 16, 1937, claims 5 and 6.

Pat. 2,065,269, G. W. Fyler, Radio transmitting system, decided December 14, 1937, claims 1 and 11.

Changes in Classification

Order No. 3,417, December 31, 1937, directs:

In *class 38, Textiles, Ironing or Smoothing* (Division 27), abolish the following subclasses with their definitions:

Fluid treatment
Machines
151 Steaming
152 On cylinder.
153 Static devices
154 With fabric carrying cylinder,
155 Moistening
156 Strippers,
157 Fountain,
158 Immersion,
159 Roller,
160 Web,
161 Aqueous vapor,
162 Implements
163 Steamers.

The patents formerly contained in these subclasses have been placed for the most part in class 68, Textiles, Fluid Treating Apparatus, subclasses 5, and indented subclasses, 200, and indented subclasses, 221 and 222, established in this order.

In *class 141, Washing Apparatus* (Division 27), abolish the following subclasses:

2 Lubricating waste cleaning and reclamation.
5 Wool-washing machines.
12 Miscellaneous fiber and pulp washers.

The patents for apparatus formerly contained in these subclasses have been placed for the most part in class 68, Textiles, Fluid Treating Apparatus, established in this order, in appropriate subclasses thereof, and the process patents have been placed for the most part in class 8, Bleaching and Dyeing.

In *class 150, Cloth, Leather, and Rubber Receptacles* (Division 29), establish the following subclass and definition:

Bags
1.8 Clothespin-bag type.

1.8. Bags falling within the class definition and commonly known as clothespin bags.

The patents contained in this subclass have been taken for the most part from various subclasses in class 68, Laundry, abolished in this order.

In *class 206, Special Receptacles and Packages* (Division 40), establish the following subclass and definition:

0.5 Infusion containing.

0.5. Receptacles and packages not otherwise classified containing an infusing substance which may be infused directly from or through the walls of the receptacle or package.

Search Classes—
6—BATHS, CLOSETS, SINKS AND SPITTOONS, subclasses 226 and 229–231.
8—BLEACHING AND DYEING, subclass 6.
21—PRESERVING, DISINFECTING AND STERILIZING, subclass 74.
23—CHEMISTRY, subclasses 5 and 240.
45—FURNITURE, subclass 28.
99—DOMESTIC COOKING VESSELS, subclass 3.5.
87—OILS, FATS, AND GLUE, subclass 23.
99—FOODS AND BEVERAGES, subclass 77.1.
128—SURGERY, subclass 272.
131—TOBACCO, subclasses 30 and 55.
167—MEDICINES, POISONS, AND COSMETICS, subclass 84.
239—FLUID SPRINKLING, SPRAYING AND DIFFUSING, subclass 24.

The patents contained in this subclass have been taken for the most part from various subclasses in class 68, Laundry, abolished in this order.

In *class 242, Winding and Reeling* (Division 61), establish the following subclass and definition:

Cordage
47.5 Storage on sheaves.

47.5. Devices for storing rope, cord, thread, yarn or other strand material on sheaves, the sheaves being shiftable toward each other but normally urged apart and the strand material being wound around the several sheaves.

The patents contained in this subclass have been taken for the most part from various subclasses in class 68, Laundry, abolished in this order.

In *class 248, Supports* (Division 52), establish the following subclass and definition:

27.5 Washboard type.

27.5. Supports for washboards. These supports may or may not be permanently attached to the washboard.
Note.—For washboard structure, see class 68, TEXTILES, FLUID TREATING APPARATUS, subclass 223 and indented subclasses.

The patents contained in this subclass have been taken for the most part from various subclasses in class 68, Laundry, abolished in this order.

In *class 294, Handling, Hand and Hoist-Line Implements* (Division 4), establish the following subclasses and definitions:

8.5 Clothes tongs.
Poles
23.5 Laundry sticks.

8.5. Devices of the plier or tong type peculiarly adapted to lift clothes.
(1) Search this class, subclass 3.
(2) Search Class—
81—TOOLS, subclass 44 and indented subclasses.

23.5. Poles peculiarly adapted for use in handling laundry.

The patents contained in these subclasses have been taken for the most part from various subclasses in class 68, Laundry, abolished in this order.

In *class 211, Supports, Racks* (Division 8), establish the following subclasses and definitions:

119.01 Clothesline, isolated supports
119.02 Looped lines
119.03 Horizontal plane,
119.04 Pulley support inside of building,
119.05 Pulley support movable through building opening
119.06 Swingable support
119.07 On vertical axis only,
119.08 On horizontal axis only,
119.09 With loop tighteners,
119.10 Single run line
119.11 With pin or gripper actuator,
119.12 With suspended article support,
119.13 With article gripper
119.14 Linked lines,
119.15 Line tighteners,
119.16 Bodily displaceable line
119.17 Vertically translatable,
119.18 Line covers.

119.01. Isolated supports with a flexible article supporting strand or strands joining the supports.
(1) Note.—For clotheslines supported by a single support see appropriate subclasses in this class.
(2) Note.—For means for gripping and holding a clothesline or for coupling the ends of a looped line see class 24, BUCKLES, BUTTONS, CLASPS, ETC., subclass 115 and indented subclasses, and class 188, BRAKES, subclass 64 and subclass 65.1 and indented subclasses.
(3) Note.—For clothespins see class 24, BUCKLES, BUTTONS, CLASPS, ETC., subclass 137 and indented subclasses.
(4) Note.—For tools for pulling clotheslines see class 81, TOOLS, subclass 3.
(5) Note.—For clothesline reels see class 242, WINDING AND REELING, subclass 100 and indented subclasses.
(6) Note.—For devices for supporting rods or tubes from a messenger cable see class 248, SUPPORTS, subclass 61. For similar devices see class 191, ELECTRICITY, TRANSMISSION TO VEHICLES, subclass 40 and indented subclasses.
(7) Note.—For props for supporting intermediate portions of a clothesline which is strung between isolated supports see class 248, SUPPORTS, subclass 353.
(8) Note.—For pulleys of general utility see class 254, PUSHING AND PULLING IMPLEMENTS, subclass 190 and indented subclasses.

(9) Note.—For means engaging a run of a looped line suspended from another run of the line or from a support above the line to prevent the line from sagging see class 254, PUSHING AND PULLING IMPLEMENTS, subclass 198.

119.02. Devices of the type set forth in subclass 119.01 wherein the strand is in the form of an endless loop trained about pulleys.

119.03. Devices of the type set forth in subclass 119.02 in which the looped strand has its runs arranged so that a plane passing through the runs is out of the vertical.

119.04. Looped strands which pass through a building opening and about a pulley within the building to enable the loading of the strand within the building.

119.05. Looped strands under subclass 119.02 which pass through a building opening and about a pulley in the building and in which the pulley is shiftable to a position outside of the opening to enable the closing of the building opening with the strands wholly outside of the building.
(1) Note.—For window attached racks see this class, subclass 67 and indented subclasses.
(2) Note.—For window brackets see class 248, SUPPORTS, subclass 306.

119.06. Structures as set forth in subclass 119.05 in which the support for the pulley is swingable through the opening.
Note.—For brackets with vertical and horizontal pivots, see class 248, SUPPORTS, subclass 278 and indented subclasses.

119.07. Structures under subclass 119.06 in which the support for the pulley is mounted on a vertical axis and is swingable through the opening.
Note.—For brackets mounted on a vertical pivot see class 248, SUPPORTS, subclass 288.

119.08. Structures under subclass 119.06 in which the support for the pulley is mounted on a horizontal axis and is swingable through the opening.
Note.—For brackets mounted on a horizontal pivot see class 248, SUPPORTS, subclass 291.

119.09. Means under subclass 119.02 for tightening and preventing sagging of a looped strand, usually by shifting one of the pulleys about which the strand is trained.
(1) Note.—For looped line tighteners due to the motion of a pulley support through a building opening see this class, subclass 119.05 and indented subclasses.
(2) Note.—For transmission belt tighteners see class 74, MACHINE ELEMENTS AND MECHANISMS, subclass 242.3 and indented subclasses.
(3) Note.—For conveyer belt tighteners see class 198, CONVEYORS, POWER DRIVEN, subclass 208.
(4) Note.—For means to prevent sagging of looped lines by devices intermingling the runs of the lines see class 254, PUSHING AND PULLING IMPLEMENTS, subclass 198.

119.10. Isolated supports with a flexible strand or strands joining the support, the strands not being looped endlessly about pulleys.

119.11. Devices under subclass 119.10 with strands not looped endlessly about pulleys in which the strands are provided with article gripping means and in which means are provided for moving the gripping means along the supporting strand or for separating the jaws of the gripping means.

119.12. Devices under subclass 119.10 in which there is provided means suspended from a strand and which functions to support articles.
Note.—For clothespins per se see class 24, BUCKLES, BUTTONS, CLASPS, ETC., subclass 137 and indented subclasses.

119.13. Devices of the type set forth in subclass 119.10 in which the strand is provided with means to grip an article.
Note.—For article supports associated with looped lines see this class, subclass 119.02.

119.14. Racks of the type set forth in subclass 119.13 in which the flexible strands are made up of linked members.
Note.—For linked chains see class 59, CHAIN, STAPLE, AND HORSESHOE MAKING, subclass 84 and indented subclasses.

119.15. Tighteners for strands, the strands not being looped endlessly about pulleys.
(1) Note.—For line tighteners and stretchers, in general, see class 242, WINDING AND REELING, and class 254, PUSHING AND PULLING IMPLEMENTS.
(2) Note.—See also class 256, FENCING, subclass 87 and indented subclasses, for fence wire stretchers.

119.16. Single run lines mounted so that they may be bodily displaced for convenience in loading or for subsequent positioning for ready drying of clothes suspended from the line.

119.17. Devices as set forth in subclass 119.16 in which the line is capable of being translated bodily in a vertical plane.

119.18. Means for covering strands to prevent transfer of soil accumulated during non-use of the strands to the object supported thereby.

The patents contained in these subclasses have been taken for the most part from various subclasses in class 68, Laundry, abolished in this order.

In *class 254, Pushing and Pulling Implements* (Division 61), establish the following subclass and definition:

Cable
Guides
198 Sag preventers.

198. Devices for preventing the sagging of a loop strand by engagement of a coupling device supporting one strand from the other strand or from a separate supporting line.
Note.—See class 248, SUPPORTS, subclass 61, for similar devices. See also class 173, ELECTRICITY, CONDUCTORS, for conductors supported from a parallel line, and class 191, ELECTRICITY, TRANSMISSION TO VEHICLES, subclass 40 and indented subclasses, for trolley line supports.

The patents contained in this subclass have been taken for the most part from various subclasses in class 68, Laundry, abolished in this order, and from class 254, subclass 190.

In *class 68, Laundry* (Division 27), change the title of the class to read class 68, Textiles, Fluid Treating Apparatus, abolish the existing subclass titles and establish in lieu thereof the subclasses contained in the new loose leaves now being printed for insertion in the Manual of Classification, and definitions which will appear in Bulletin No. 73.

(Note.—Lists of subclass titles, and the definitions, may be seen in the Search Room, and in the Classification Division, Room 3624, pending publication.)

BULLETIN OF DECISIONS OF PATENT OFFICE ON TRADE-MARKS, LABELS, AND PRINTS

RENDERED DURING DECEMBER, 1937

EX PARTE THE PEPSODENT CO., Serial No. 384,267.

In a decision rendered December 23, 1937 (159 Ms. Dec. 1,046), *Assistant Commissioner Frazer* held that The Pepsodent Co., of Chicago, Ill., is not entitled to register, under the act of 1905, the word "Irium" as a trade-mark for dentifrices.

The ground of the decision is that the specimens filed with the application do not show a trade-mark use of that word.

In his decision, after stating that on each of the cartons filed as specimens are found the words "Pepsodent tooth paste alone contains Irium. Safely steps-up polish on teeth," and noting that on the hearing on appeal additional cartons were offered showing the words "Pepsodent alone contains Irium. New discovery that safely steps-up luster on teeth", the Assistant Commissioner said:

"I am clearly of the opinion that this record conclusively shows the word 'Irium' to perform no trade-mark function with respect to dentifrices. All applicant has done is to inform purchasers of the fact that its tooth paste contains a new ingredient known as 'Irium'. The word identifies the ingredient rather than the tooth paste, and the notation in which it appears on the cartons is merely a 'statement of the quality of the product.' *General Baking Co. v. Commander-Larabee Corporation*, 23 C. C. P. A. 973, 82 Fed.(2d) 427."

He further noted that originally applicant's goods were described as "a pharmaceutical preparation used as an ingredient in dentifrices", and that in responding to the rejection on the ground that no specimens on file showed such use, the applicant said "the labels very definitely identify a pharmaceutical, the right to use which belongs to the applicant, and it does not identify the tooth paste",

and then said:

"I am in complete agreement with that statement, and I think it is as true now as when made."

CALIFORNIA PRUNE & APRICOT GROWERS ASSOCIATION v. DOBRY FLOUR MILLS, INC., Application for Cancellation No. 3,029.

In a decision rendered December 23, 1937 (159 Ms. Dec. 1,047), *Assistant Commissioner Frazer* held that Dobry Flour Mills, Inc., of Yukon, Okla., was entitled to register, under the act of 1905, as a trade-mark for wheat flour, a mark including the name "Dobry's" beneath which is the word "Sunsweet" and a purported representation of the sun, all inclosed within an elaborate border, notwithstanding the prior adoption and use by the California Prune & Apricot Growers Association, of San Jose, Calif., of the term "Sunsweet" and a sun design as a trade-mark for dried fruits, canned fruits, etc.

The ground of the decision is that there is sufficient difference in the goods and such difference in the marks taken as a whole that confusion in trade would not be likely.

In his decision the Assistant Commissioner said:

"Broadly speaking it may be that wheat flour is of the same descriptive properties as fruit and fruit products, but specifically there is a wide difference. The ruling of the California Packing Corporation case (158 Ms. D 397, 25 U. S. P. Q. 118), was restricted to 'dried fruits and small packages of flour.' Moreover, the marks there considered were identical. In the instant case, even if the design features of respondent's mark be disregarded, there remains the notation 'Dobry's Sunsweet' to be compared with petitioner's mark 'Sunsweet'. Apparently the Examiner refused to consider the first word of respondent's mark, observing in his decision that, being an ordinary surname, 'it is incapable of statutory ownership and can add nothing to the right of registration claimed to be possessed by the respondent.' In this I think the Examiner erred. Respondent's mark is to be considered as a whole, and the name 'Dobry's' is a constituent part thereof."

He then, after referring to the opposition of *Joseph Tetley & Co. v. Buy State Fishing Co.*, 23 C. C. P. A. 969, 82 Fed.(2d) 299, in which the Court of Customs and Patent Appeals held there was no likelihood of confusion between the mark "Budget Special" used on fish and "Tetley Budget Tea" for tea, and noting that the court expressed the opinion that fish and tea are merchandise of the same descriptive property, but held in view of the difference in the character of the goods there was no likelihood of confusion said:

"I think the difference in character of the goods here involved is as considerable as that found to exist with respect to those of the cited case. Also the dissimilarity of the marks appears to be substantially equal, particularly in view of the stipulation in the instant proceeding that respondent's mark as used is 'Dobry's Sunsweet Flour.'"

GREEN CROSS PHARMACEUTICAL PRODUCTS, INC., *v.* THEODOR H. TEMMLER AND TUCKER PHARMACAL COMPANY (THEODOR H. TEMMLER, ASSIGNEE, SUBSTITUTED), Application for Cancellation No. 3,036.

In a decision rendered December 28, 1937 (159 Ms. Dec. 1,051), *First Assistant Commissioner Macklin* held that a cancellation proceeding brought by the Green Cross Pharmaceutical Products, Inc., of New York, N. Y., to cancel the registrations of Theodor H. Temmler, of Berlin, Germany, and Tucker Pharmacal Company, of New York, N. Y., of the terms "Bro-seda" and "Brosedan" as applied to a bromide and a sedative, respectively, was properly dismissed.

In his decision, after pointing out that the registrants had opposed the application for registration of the Green Cross Pharmaceutical Products, Inc., of the term "Prosedal" for nerve quieting medicine and that the cancellation proceeding was brought thereafter, petitioner for cancellation alleging that the words are descriptive of the goods, and noting the position of the Examiner of Interferences that the words were not descriptive and that the petitioner for cancellation did not have the right to use a word so modified from these terms, whether descriptive or not, which would be likely to cause confusion with the registered mark, the First Assistant Commissioner said:

"'Bro-seda' and 'Brosedan' were properly cited by the Examiner of Trade-Marks against 'Prosedal', which is admitted by the appellant to be similar to the registered words, although appellant states that his word is arbitrary."

And then, pointing out the argument as to the manner in which the registered words would be pronounced, he said:

"Neither of these words as registered appears in the dictionary, nor are they mere misspellings of the words of which they are alleged to be suggestive. The decisions cited by the appellant have been carefully considered. * * * The appellant adopted its word 'Prosedal' long after these registrations. It was faced with an opposition proceeding and has filed this cancellation proceeding admitting, or claiming as it were that 'Prosedal' is similar to both the registered marks.

"It seems to me there is much to support registrant's contention that this cancellation proceeding is in the nature of frivolous and vexatious litigation; that it is without substance; that it was interposed for purposes of delaying an adjudication in the opposition proceeding."

EX PARTE PINAUD INCORPORATED, Serial No. 365,477.

In a decision rendered December 28, 1937 (159 Ms. Dec. 1,054), *First Assistant Commissioner Macklin* held that Pinaud Incorporated, of New York, N. Y., is entitled to register, under the 10-year proviso of the Trade-Mark Act of 1905, the word "Vegetal" as a trade-mark for perfumery extracts.

In his decision the First Assistant Commissioner noted that the registration had been refused because the Examiner was of the opinion that the "alleged mark is merely the name of the goods" and that in the opinion of the Examiner the allegation of ten years exclusive use was negatived by the fact that the term appears in the Century Dictionary of 1903, the definition given being, among others, "* * * having the characteristics or nature of a vegetable", and then, after noting applicant's argument as to the applicability of the 10-year proviso, he said:

"First, it may be noted that the application seems to be filed in proper form, and under oath it is stated that the applicant and its predecessors, naming them, have continuously used the trade-mark 'Vegetal' since the year 1857, and that such use of said trade-mark was in commerce among several states of the United States and between the United States and foreign nations . . . etc."

"The fact that the word 'Vegetal' was defined as above quoted in the Century Dictionary of 1903 and is now similarly defined in later dictionaries is not in my opinion tantamount to finding that the applicant's use for more than ten years prior to 1905 was not exclusive use, when such dictionary definition does not refer to toilet water and where, as seems to be the case here, the trade-mark use of the applicant is specifically for toilet water having the characteristics or nature of a vegetable extract."

He also said:

"Further, that 'vegetal' has since been used by others, if this should be true, may indicate that at present there is not an entirely exclusive trade-mark use by the applicant, but I think that this is a matter with which the Patent Office cannot be concerned to the extent of refusing the registration sought."

DERMALAB, INC., *v.* HERMAN GUMBIN, Opposition No. 15,441.

In a decision rendered December 29, 1937 (159 Ms. Dec. 1,058), *First Assistant Commissioner Macklin* held that Herman Gumbin, of Chicago, Ill., is entitled to register the notation "NaCene" as a trade-mark for ointment for eczema, etc., notwithstanding the prior registration by Dermalab, Inc., of Winnetka, Ill., of the terms "Nac" and the term "Nac-pac" for similar goods.

In his decision the First Assistant Commissioner noted opposer's argument that the applicant had merely added to the mark "Nac" the suffix "ene" and that through carelessness or ignorance "Nac" might be pronounced so as to be confused with "NaCene" and the further argument that a prospective purchaser would suppose that "NaCene" was a companion of the original and primary "Nac" product, and said:

"Considering the argument of both parties and the cases cited, I think that the appearance and natural pronunciation of the applicant's word sufficiently differentiates it as to be not reasonably likely to cause confusion.

"It would seem natural that almost anyone able to read would pronounce 'Nac' as 'nack' and applicant's mark 'NaCene', whether the long mark over the 'a' were understood or not, as 'naycen'."

EX PARTE CONTINENTAL OIL COMPANY, Serial No. 367,233.

In a decision rendered December 29, 1937 (159 Ms. Dec. 1,049), *First Assistant Commissioner Macklin* held that Continental Oil Company, of Ponca City, Okla., is entitled to register, under the act of 1920, the term "Germ Processed".

In his decision he noted the Examiner's holding that the mark would not "perform the function of indicating origin or ownership of the goods", and could have no meaning except as referring to the process by which the goods had been treated and, after referring to the evidence to show that the term "Germ Processed" means to the purchasing public and those who retail the oil a motor oil made by the Continental Oil Company, said:

"The Examiner's position might be tenable if 'germ processed' were a term properly and naturally applied to a product of other manufacturers, and by reason of which there could be no exclusive use and thus no trade-mark use by the applicant. Clearly in the present case there is no reason to believe that other oil companies have used 'Germ Processed'. Therefore, it seems to me to be of no consequence for the purpose of this decision that 'Germ Processed' is a correct statement relating to the applicant's patented process. The patent does not use the term. On the contrary, it refers to the steps of the process by a number of other terms. It follows, therefore, that if 'Germ Processed' has been selected as an apt term and has been used as a trade-mark and has become known to designate a product manufactured by appellant, it is registrable under the 1920 act."

EX PARTE THE PENNZOIL COMPANY, Serial No. 337,543.

In a decision rendered December 29, 1937 (159 Ms. Dec. 1,056), *First Assistant Commissioner Macklin* held that the notation "Tough-Film" is not registrable, under the act of 1905, as a trade-mark for lubricating oils since it is merely descriptive of the characteristics of the goods.

In his decision he referred to publications as showing that it is important that a lubricating film be maintained, and noting the definition of tough and referring to the argument based on the decision of the Court of Appeals for the District of Columbia

In re The Irving Drew Company, 54 App. D. C. 310, 297 Fed. 889, said:

"I cannot agree that this case nor the reasoning of the applicant is sufficient to overcome the impression I have that the words 'Tough-Film' applied to motor oil are clearly descriptive within the meaning of the statute and must be refused registration. In my opinion, descriptiveness may apply to use or results, as well as to the particular nature of the goods themselves."

He then referred to the decision of the Court of Appeals for the District of Columbia in *The Kay & Ess Company* v. *Coe, Commissioner of Patents*, 21 U. S. P. Q. 174, 483 O. G. 229, in which the Court, in holding the term "Morocco" descriptive of a finish, had said that a paint is as much the goods of the manufacturer

"in the trade-mark sense of the term, when applied to a wood or metallic surface as when in the can,"

and said:

"In that case the word 'Morocco' was held descriptive of the finish and it seems to me that oil in the can has no more utility than paint in the can. Both are useful only when applied to a surface. In the present case the oil could does form a film when used and the toughness of this film as understood by the purchaser is a desirable quality and is a natural and apt term to apply to such a film."

R. B. DAVIS COMPANY *v.* TOWNS & JAMES, INC., Opposition No. 16,447.

In a decision rendered December 31, 1937 (159 Ms. Dec. 1,050), *Assistant Commissioner Fraser* held that error had been committed by the Examiner of Interferences in treating a paper filed by the applicant Towns & James, Inc., of Brooklyn, N. Y., as a motion to dismiss and in suggesting that the respondent might waive his right to file an answer and then raise the question sought to be raised by the motion.

It appears that in the paper filed the respondent had denied the allegations of the answer as to the similarity of the marks and the goods being of the same descriptive properties but it asked that "the interference be dissolved" and in view of that and the later waiver of the right to file an answer the Examiner of Interferences had refused to consider the "paper" and to enter a decree pro confesso.

In his decision the Assistant Commissioner said:

"Opposer insists that as a motion to dismiss admits the truth of all facts properly pleaded in a notice of opposition, applicant's failure to answer after the denial of such motion entitles opposer to judgment. Ordinarily I think that would be true, but the difficulty here is that the supposed motion to dismiss expressly denied most of the material allegations of the notice. It should have been, and should now be, treated as an answer. The mere fact that a prayer was included 'that the interference be dissolved' did not convert it into a motion to dismiss, nor did applicant's acquiescence in its treatment as such. Applicant is not represented by counsel, and apparently knows nothing about the technicalities of pleading. Having answered the notice of opposition, sufficiently though somewhat informally, applicant is entitled to a hearing upon the issues made."

He then dismissed the appeal and remanded the case with directions to set time for the taking of testimony.

TRADE-MARKS

OFFICIAL GAZETTE, JANUARY 25, 1938

[VOL. 486. No. 4]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 384,794. GOODRICH GRINDING WHEEL CO., Chicago, Ill. Filed Oct. 26, 1936.

CARBO-OXILITE

For Grinding Wheels, Sharpening Stones and Hones, and Similar Sharpening Devices.
Claims use since June 1, 1933.

Ser. No. 395,064. COMMERCIAL SOAP AND CHEMICAL CO., San Francisco, Calif. Filed July 10, 1937.

KLENLEE

For Scouring Soap Powder and Toilet Liquid Soap.
Claims use since Apr. 1, 1937.

Ser. No. 396,023. BOURJOIS, INC., New York, N. Y. Filed Aug. 5, 1937.

SHAV PAK

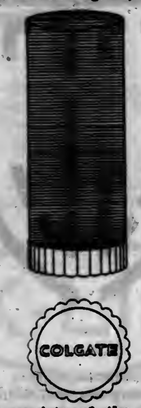
For Shaving Soap.
Claims use since July 9, 1937.

Ser. No. 397,013. THE J. B. WILLIAMS COMPANY, Glastonbury, Conn. Filed Sept. 1, 1937.



No claim is made to the representation of the carton or any wording except "Williams", "Luxury", and "The J. B. Williams Company."
For Shaving Cream.
Claims use since May 27, 1937.

Ser. No. 397,014. COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J. Filed Aug. 26, 1937.



The trade-mark consists of the combination and arrangement of the colors employed and of the word "Col-

gate." The horizontal lining on the drawing denotes the color blue. The applicant without waiver of its common law rights makes no claim herein to the exclusive use of the representation of a shaving stick holder or of a cap, per se.

The applicant is the owner of United States trade-mark certificate No. 230,252 dated July 19, 1927, registered under the 10-year proviso of the act of Feb. 20, 1905.

For Shaving Soap and Shaving Stick.

Claims use since 1856 for the word "Colgate"; and since Dec. 28, 1935, for the entire mark.

Ser. No. 397,439. GENERAL CHEMICAL COMPANY, New York, N. Y. Filed Sept. 15, 1937.



For Sodium Phosphate Detergents, Particularly Tri-Sodium Phosphate Detergents, and Sodium Silicate Detergents, Particularly Sodium Meta-Silicate Detergents.

Claims use since August, 1934.

Ser. No. 397,440. GENERAL CHEMICAL COMPANY, New York, N. Y. Filed Sept. 15, 1937.



For Sodium Phosphate Detergents, Particularly Tri-Sodium Phosphate Detergents, and Sodium Silicate Detergents, Particularly Sodium Meta-Silicate Detergents.

Claims use since August, 1934.

Ser. No. 397,517. FRANK POSTMA, Paterson, N. J. Filed Sept. 17, 1937.

TRUE THE SHAFT FIRST

JOURNALIZE

The words "True the Shaft First" are disclaimed apart from the mark.

For Abrading Material Used in the Lapping of Engine Crankshafts.

Claims use since Aug. 8, 1937.

Ser. No. 399,035. MAYBEE SOURCE, INC., New York, N. Y. Filed Oct. 19, 1937.

Irresistible

For Saponaceous Compounds for Cleaning the Hands, Shaving Cream, Shaving Sticks, Shaving Powder, Outfit Packages Containing Soap and Towel, Soap Powder for Bathing, Washing, and Cleaning Purposes, Laundry Soaps, Soap Flakes, Hand Soaps, and Toilet Soaps.

Claims use since Oct. 5, 1937.

Ser. No. 399,107. PRODUCTSON MACHINE COMPANY, Greenfield, Mass. Filed Oct. 20, 1937.

Proma

For Polishing Wheels and Belts.

Claims use since Mar. 24, 1937.

Ser. No. 399,266. BELTRACTION CO., Chicago, Ill. Filed Nov. 3, 1937.

BELTRACTION

For Material for Treating Mechanical Belting for the Purpose of Cleaning, Preserving, Etc.

Claims use since Jan. 25, 1937.

CLASS 5

Adhesives

Ser. No. 400,171. REMINGTON RAND INC., Buffalo, N. Y. Filed Nov. 26, 1937.

LB

For Paste.

Claims use since July 12, 1937.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 380,452. WINFRED IRVING FROST, doing business as B. F. W. Products, Los Angeles, Calif. Filed June 30, 1936.



The word "Products" is disclaimed apart from the mark.

For Medicinal Preparations for the Treatment of Irritation of the Skin; Ointments for the Muscles.

Claims use since May 9, 1936.

Ser. No. 383,660. MILES TEKULIA, Rochester, Pa. Filed Sept. 25, 1936.



The word "Mast" is disclaimed apart from the mark.

For Ointment for Running Sores, Cuts, Burns, Bruises, External Cancers, and Skin Irritations Generally.

Claims use since July 1, 1936.

Ser. No. 383,665. ROBERT S. R. WITTMER, doing business as Pittsburgh Scientific Laboratories, Pittsburgh, Pa. Filed Sept. 25, 1936.

Yan-s

For Laxative Regulator, Cold Tablets, and Foot Salves.

Claims use since August, 1936.

Ser. No. 384,818. CRESTS DOW CHEMICAL COMPANY, Marquette, Mich. Filed Oct. 14, 1936.



The words "Trade Mark" are disclaimed.

For Acetic Acid, Acetone, Activated Carbon, Creosote Oil, Iron Acetate Liquor, Methanol, Propionic Acid, Pyroligneous Acid, and Charcoal for General Use in the Chemical Arts.

Claims use since Oct. 4, 1935, for methanol; since Jan. 8, 1936, for acetic acid, acetone, creosote oil, iron acetate liquor, propionic acid, and pyroligneous acid; and since Apr. 20, 1936, for activated carbon and charcoal.

Ser. No. 389,546. CRESTEX LABORATORIES, INC., Chariton, Iowa. Filed Mar. 2, 1937.

NIF

Hair and Scalp Dressing

No claim is made to "Hair and Scalp Dressing."

For Preparation for Use in Dressing the Hair.

Claims use since Jan. 7, 1937.

Ser. No. 393,196. ROMRO PARENT, doing business as Familex Products Company, Montreal, Quebec, Canada. Filed May 24, 1937.

Jacquello

For Perfumes, Make-Up Rouges, Lipsticks, Talcum Powders, Skin Lotions and Toilet Water, Face Powders, Bath Salts, Body Powders.

Claims use since July 1, 1928.

Ser. No. 393,384. ANDREW F. LUZZI, doing business as The X-Lin Company, Wichita Falls, Tex. Filed May 28, 1937.

X-LIN

For Dental and Surgical Dressing in the Nature of Ointments and Salves.

Claims use since Jan. 1, 1937.

Ser. No. 393,546. GENE PALMER, INCORPORATED, Los Angeles, Calif. Filed June 2, 1937.



The colors of the mark are blue, buff, and gold. The word "Hollywood" is disclaimed apart from the mark.

For Tissue Cream.

Claims use since March, 1937.

Ser. No. 394,239. LOVELY LADY, INC., Chicago, Ill. Filed June 18, 1937.

Lovely Lady

For Face Powder, Cold Cream, Vanishing Cream, All Purpose Face Cream, Astringent, Lipstick, Lip Rouge, Rouge, Eye Shadow, Eyebrow Pencil, Foundation Cream, Skin Freshener, Tissue Cream, Bleaching Cream, Brilliantine, Skin Lotions, Dusting Powder, and Nail Polish.

Claims use since Sept. 15, 1923.

Ser. No. 394,893. EUGENE H. EISING, JR., doing business as Kyrene Laboratories, New York, N. Y. Filed July 6, 1937.

KOOLORA

60 ASTRINGENT MOUTH WASH TABLETS

The words "60 Astringent Mouth Wash Tablets, 1966 Broadway, New York, N. Y.," and the representation of the label are disclaimed. The drawing is lined for green.

For Pharmaceutical Preparation to be Dissolved in Water to Make a Dentifrice and Mouth Wash.

Claims use since Apr. 15, 1936.

Ser. No. 395,065. COMMERCIAL SOAP AND CHEMICAL CO., San Francisco, Calif. Filed July 10, 1937.

KWIKILL

No claim is made to the word "Kwikill" apart from the mark.

For Fly Sprays, Roach Sprays, Moth Sprays, and Insecticides.

Claims use since Apr. 1, 1937.

Ser. No. 396,260. SHUBEL S. COOKE, Cobleskill, N. Y. Filed Aug. 11, 1937.



The portrait of the child is the infant portrait of applicant and the portrait of the elderly person that of his deceased grandmother. No claim is made to the word "Salve" apart from the mark.

For Medicinal Salve for the Relief of Hemorrhoids or Piles, Sunburn, Burns, Ulcers, Chafing, and Similar Irritations and Diseases of the Skin.

Claims use since June 23, 1937.

Ser. No. 396,682. HOLDER MEDICINE CO., INC., Cincinnati and Norwood Station, Cincinnati, Ohio. Filed Aug. 23, 1937.

VITAL-EX

For General Tonic Containing Vitamins.

Claims use since Aug. 14, 1937.

Ser. No. 396,695. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Aug. 23, 1937.

DYSPEL

For Medicinal Tablets for Relief of Pain, Deodorant Powder, and Deodorant Cream.

Claims use since January, 1933 on tablets; since Apr. 5, 1937 on powder, and since Jan. 25, 1937 on cream.

Ser. No. 396,836. LOMBO D. MILLARD, Grainton, Nebr. Filed Aug. 27, 1937.



The portrait is that of a deceased person. No claim is made to the words "Green Salve" apart from the mark.

For Green Salve Having Healing and Curative Properties and Employed for Treatment of Skin Irritations, Burns, Abrasions, and Minor Ailments in the Same General Category.

Claims use since June 1, 1937.

Ser. No. 397,033. MAIN LABORATORIES, INC., Olympia, Wash. Filed Sept. 2, 1937.



For Livestock Salve, Livestock Antiseptic, Germicides, and Sterilizing Preparations, Mouth Wash, Gargle, and for Oral Use for Treating Ulcers, Etc., Antiseptics, Bactericides, Fungicides, Skin Salve for Medicinal Use, for Treating Skin Diseases, Sunburn, Rash, Acne, Scabies and Hemorrhoids, Antiseptic and Fungicidal Oil, Particularly for Treating Fungus Infections, Staphylococcic Infections and the Exudative Diathesis of Infancy and Childhood, Shampoo and Dandruff Remover, Preparation for Removing Ink, Intravenous Injection Solution Administered to Human Beings for Treatment of Infections of the Skin and Skin Diseases, Intravenous Injection Solution Administered to Livestock and Animals for Treatment of Mastitis, Coccidiosis, Hemorrhagic Septicemia, Foot-Rot, Forage Poisoning, Suppurative Wounds, Infectious Enteritis, Canine Distemper, and Other Contagious and Infectious Diseases, and for a Chlorine Solution Used as a Disinfectant for Swimming Pools.

Claims use since Feb. 1, 1937.

Ser. No. 397,361. EDWIN M. FREEMAN, Denver, Colo. Filed Sept. 13, 1937.

PORCELAINIZE

For Jelly-Like Material for Use in Application to Coated Surfaces to Change the Absorptive and Reflective Co-Efficients of Such Coatings and the Perviousness and Resistant Qualities Thereof.

Claims use since May 17, 1935.

Ser. No. 397,533. JOHN L. DENNEY, doing business as Kamba Laboratories, Fresno, Calif. Filed Sept. 18, 1937.

KAMBA

For Medical Preparation for Treatment of Stomach Ulcers, Indigestion, Gas, Kidney, Liver, and Gall Bladder Trouble.

Claims use since Jan. 1, 1934.

Ser. No. 398,365. THE WM. S. MERRELL COMPANY, Reading, Ohio. Filed Oct. 11, 1937.

BASSORAN

For Laxative Preparation in Dry Form.

Claims use since Sept. 28, 1937.

Ser. No. 399,235. WILLIAM E. HUNGER, doing business as Sutton-Hunger Products Company, Los Angeles, Calif. Filed Nov. 2, 1937.

NATO-BARRO

The word "Barro" is disclaimed except as shown.

For Natural Mineral Clay-Pack of a Medicinal Nature for Animals.

Claims use since Jan. 3, 1935.

Ser. No. 399,251. SHARK INDUSTRIES, INC., Hollywood, Fla. Filed Nov. 2, 1937.

ELBROL

For Processed Shark Liver Oil.

Claims use since Dec. 15, 1936.

Ser. No. 399,252. SHARK INDUSTRIES, INC., Hollywood, Fla. Filed Nov. 2, 1937.

SHARKOL

For Processed Shark Liver Oil.

Claims use since July 15, 1937.

Ser. No. 399,378. SYLVANIA INDUSTRIAL CORPORATION, New York, N. Y. Filed Nov. 5, 1937.

CEGLIN

For Chemical Compounds for Impregnating and Coating Yarns, Fabrics, and Papers for Improving the Feel, Appearance, and Durability Thereof.

Claims use since Nov. 3, 1937.

Ser. No. 400,284. THE ANACIN COMPANY, Jersey City, N. J. Filed Nov. 30, 1937.

ANACIN

For Medicinal Preparation for Internal Use Acting as an Analgesic to Relieve Pain.
Claims use since Jan. 22, 1919.

Ser. No. 400,481. ZENITH PRODUCTS CO., Wellsville, Ohio. Filed Dec. 4, 1937.

SULPHASOL

For Medicated Shampoo for Dogs.
Claims use since Nov. 1, 1936.

CLASS 9

Explosives, Firearms, Equipments, and Projectiles

Ser. No. 398,534. JACQUES L. GALEF, New York, N. Y. Filed Oct. 15, 1937.

GERMANY

The word "Germany" is disclaimed.
For Alarm Pistols, Alarm Revolvers, Automatic Pistols, Air Pistols, Air Rifles, Revolvers, Shot Guns, Rifles, Ammunition, More Specifically, Blank Cartridges, Cartridges, Shells.
Claims use since Aug. 2, 1937.

CLASS 10

Fertilizers

Ser. No. 400,064. L. M. McLAREN PRODUCE, INC., Yuma, Ariz. Filed Nov. 23, 1937.

"PHOTOSENSIN"

For Fertilizer.
Claims use since Nov. 8, 1937.

CLASS 11

Inks and Inking Materials

Ser. No. 399,914. TYRON CORPORATION, Philadelphia, Pa. Filed Nov. 18, 1937.

CADUX

For Inked Ribbons and Carbon Paper.
Claims use since Apr. 7, 1937.

CLASS 12

Construction Materials

Ser. No. 399,965. MARGUERITE HANSEN, doing business as San Francisco Stove Works, San Francisco, Calif. Filed Nov. 20, 1937.

FINLENITE

For Cast Iron and Cast Bronze Plates Having a Non-Slip Tread and Adaptable for Use as Thresholds, Stair Landings, Step Plates, or Elevator Approaches and the like, as Well as In or Out of Buildings, or in Ships, etc., to Prevent Slipping Especially Under Damp or Wet Conditions.
Claims use since Nov. 5, 1937.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 388,765. THE BREWER-TITCHENER CORPORATION, Cortland, N. Y. Filed Feb. 11, 1937.

BTC

For Drop Forgings—Namely, Chain Hooks, Grab Hooks, Slip Hooks, Shackles, Yoke Rod Ends, Cold Shuts, U-Bolts; Also Forged High Tension Suspension Line Hardware—Namely, Insulator Caps, Eye Hooks, Ball Hooks, Ball Eyes, Shackles, Clevises, Clevis Eyes, Adapters, Socket Eyes, Links, Straps, Suspension Clamps, Trunnion Clamps, Ground Wire Clamps, Strain Clamps and Double Strain Yoke Sets; Also Metal Stampings—Namely, Yoke Ends for Pull Rods, Wire Suspension Clamps, Expansion Plugs, Heel Washers for Shoes, Upholstery Nails, Wiring Clips, Chair Glides, Drawer Slides and Hose Clamps.
Claims use since Feb. 1, 1918.

Ser. No. 396,655. ALUMINUM GOODS MFG. CO., Jersey City, N. J., and Manitowoc, Wis. Filed Aug. 23, 1937.

THRIFTY — MAID

For Base Metal Cookers.
Claims use since Apr. 19, 1937.

Ser. No. 399,896. GUSTIN-BACON MANUFACTURING CO., Kansas City, Mo. Filed Nov. 18, 1937.

ROLAGRIP

For Pipe Couplings.
Claims use since December, 1931.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 399,900. ROSS-MEEHAN FOUNDRIES, Chattanooga, Tenn. Filed Nov. 18, 1937.

ROSS-MEEHAN

For Iron and Steel Castings.
Claims use since Oct. 28, 1937.

Ser. No. 399,943. TAY-HOLBROOK INC., San Francisco, Calif. Filed Nov. 19, 1937.

TAY HO

For Sheet Metal Rods from Galvanized Iron.
Claims use since July 1, 1929.

CLASS 16

Paints and Painters' Materials

Ser. No. 395,982. DEUTSCHES HYDRIERWERKE, A.-G., Berlin-Charlottenburg, Germany. Filed Aug. 4, 1937.

Hydrowax

For Polishing Waxes.
Claims use since Dec. 20, 1935.

Ser. No. 399,451. LACQUER PRODUCTS, INC., Cleveland, Ohio. Filed Nov. 8, 1937.

LP

For Ready Mixed Paints, Paint Enamels, Lacquers, Varnishes, Coloring and Tinting Products, Thinners, Reducers, Retarders, Removers, Primers, Sealers, Polychromatic Bases, and Masking Compounds.
Claims use since Feb. 2, 1932.

Ser. No. 400,255. TARR & WONSON, LIMITED, Gloucester, Mass. Filed Nov. 29, 1937. Under 10-year proviso.

TARR & WONSON, LIMITED
METALLIC COPPER PAINT
For the Bottoms of Vessels & Wooden & Boats

For Paints—Namely, Preservative Paints for the Bottoms of Vessels.
Claims use since July 1, 1933.

Ser. No. 400,256. TARR & WONSON, LIMITED, Gloucester, Mass. Filed Nov. 29, 1937. Under 10-year proviso.

TARR & WONSON, LIMITED
RACING COMPOUND

For Paints—Namely, Preservative Paints for the Bottoms of Vessels.
Claims use since Dec. 15, 1936.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 399,302. BERNARD G. JOHNSON, Brookfield, Ill. Filed Nov. 4, 1937.

Multiduty

For Hand Die Trucks.
Claims use since Oct. 21, 1937.

Ser. No. 399,950. JOHN V. BUCHER, Albany, N. Y. Filed Nov. 20, 1937.

SAFTISIG

For Warning Signal Consisting of a Flag on Which the Words "Learner" and "Caution" Appear and Which is Fastened to Automobiles.
Claims use since Oct. 15, 1937.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 389,368. MODERN ELECTRIC DOOR CHIME CO., New York, N. Y. Filed Feb. 25, 1937.

NuTone CHIME

No claim is made to the various words apart from the mark.
For Electric Chimes, Door Signals, and Inter-Office Signaling Devices.
Claims use since Feb. 23, 1937.

Ser. No. 396,907. KNAPP-MONARCH COMPANY, doing business as Chevron Co., St. Louis, Mo. Filed Oct. 25, 1937.

Chevron

For Electric Toasters, Electric Sandwich Toasters, Electric Room Heaters, Electric Flat Irons, and Electric Grill Stoves.
Claims use since Sept. 27, 1937.

Ser. No. 399,766. ERNEST H. KUEVER, Oakland, Calif. Filed Nov. 15, 1937.

SIGNACATOR

For Electric Switches, Throttle Switches, Rotary Switches, Frictionally Driven Switches, Holding Switches, Automatic Steering Gear Switches, Directional Electric Light Signaling Systems for Vehicles and Parts of the Same, Such as Signaling Lamps, Indexing Lamps, Lamp Lenses and Masks and Lamp Brackets, Including Universal Accessory Bases for Mounting on Automotive Bodies.
Claims use since Nov. 5, 1937.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 394,662. THE SHURKATCH FISHING TACKLE CO. INC., Richfield Springs, N. Y. Filed June 29, 1937.

SHURITE

For Weed Minnows, Spinning Minnows, Artificial Bait, and Floats.
Claims use since Feb. 12, 1937.

Ser. No. 396,505. THE CREEK CHUB BAIT COMPANY, Garrett, Ind. Filed Aug. 20, 1937.

DING BAT

PIKIE

For Artificial Fishing Lure.
Claims use since September, 1936.

Ser. No. 399,654. FOUR-JACKS CORPORATION, Chicago, Ill. Filed Nov. 12, 1937.

"CLUB-JACK"

For Non-Repeating Indicating Wheel or "Wheel of Fortune" for Games and the Like.
Claims use since May 15, 1936.

Ser. No. 400,052. GLEN L. EVANS, INC., Caldwell, Idaho. Filed Nov. 22, 1937.

TALON INSTANT PENETRATION HOOKS

The words "Instant Penetration Hooks" are disclaimed apart from the mark.
For Fish Hooks.
Claims use since Nov. 20, 1932.

Ser. No. 400,411. GEM CITY MACHINES, INC., Dayton, Ohio. Filed Dec. 3, 1937.

ES-KI-MO

For Miniature Shooting Gallery.
Claims use since Nov. 20, 1937.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 393,509. THE JOHNSON-JOHNSON COMPANY, Jackson, Mich. Filed May 4, 1937.

T-J

For Machine Tool Cutters, Cylinders Employing Compressed Air for the Actuation of Machines and Machine Parts, Remote Control Systems for Manual Operation by the Operator and Parts Thereof for Operating Machines, Mandrels and Collets, Drill Press Fixtures, Arbor Presses and Cylinders Employing Hydraulic Pressure for Operating Machines and Machine Parts.
Claims use since Dec. 15, 1919, for machine tool cutters; and since Jan. 15, 1937, for remaining goods.

Ser. No. 394,122. THE CERAMIC MACHINERY COMPANY, Hamilton, Ohio. Filed June 16, 1937.

MIDWEST

For Diesel Locomotives, Gas Mechanical Locomotives, and Parts Thereof.
Claims use since August, 1933.

Ser. No. 395,290. FELKER MANUFACTURING CO., Torrance, Calif. Filed July 16, 1937.

DI-MET

For Diamond Impregnated Metal Saw Blades, Diamond Impregnated Drills, Drilling Machines, Motor Driven Sawing Machines, and for Lapidary Equipment—Namely, Stone Cutting Machines, Grinding Machines, Lapping Machines, and Polishing Machines.
Claims use since July 7, 1936.

Ser. No. 395,295. BLADE MASTER, INC., New York, N. Y. Filed July 19, 1937.

BLADE Master

For Manually Operated Razor Blade Sharpening Apparatus.
Claims use since Sept. 15, 1936.

Ser. No. 397,343. NICHOLS ENGINEERING & RESEARCH CORPORATION, New York, N. Y. Filed Sept. 11, 1937.

VORTRAP

The word "Trap" is disclaimed apart from one or more of the other features of the mark.
For Apparatus for Establishing Fluid Vortices for Separating Solid Particles from Liquid or Fluid Suspensions.
Claims use since Aug. 17, 1937.

Ser. No. 397,370. MODERN CARPET SWEEPER CO., INC., Brooklyn, N. Y. Filed Sept. 13, 1937.

REVELATION

For Carpet Sweepers.
Claims use since Dec. 8, 1936.

Ser. No. 398,421. CHRYSLER CORPORATION, Highland Park, Mich. Filed Oct. 12, 1937.



The representation of the goods is disclaimed apart from the mark.
For Bearings for Machinery.
Claims use since Aug. 25, 1937.

Ser. No. 393,422. CHRYSLER CORPORATION, Highland Park, Mich. Filed Oct. 13, 1937.



The representation of the goods is disclaimed apart from the mark.
For Bearings for Machinery.
Claims use since Aug. 25, 1937.

Ser. No. 399,002. METROPOLITAN SEWING MACHINE CORPORATION, Myack, N. Y. Filed Oct. 27, 1937.

METROPOLITAN SEWING MACH. CORP.

For Sewing Machines and Sewing Machine Parts and Attachments.
Claims use since September, 1917.

Ser. No. 400,156. THE ENTERPRISE MANUFACTURING COMPANY OF PENNSYLVANIA, Philadelphia, Pa. Filed Nov. 26, 1937.

ENTERPRISE COFFEE MERCHANT

For Coffee Mills.
Claims use since Oct. 28, 1937.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 394,017. BURKE & JAMES, INC., Chicago, Ill. Filed June 14, 1937.

REXO

For Cameras, Photo Enlargers, Camera Enlarging and Condensing Lenses, Electrical Mechanism for Photographic Time Exposing, Photographic Dark Room Equipment Such as Trimming Boards, Film and Plate Developing and Washing Trays, Scales, Film and Photographic Plates, Tripods Such as Camera and Lamp Supports, Exposure Timers, Switches Having a Particular Scientific and Peculiar Application and Construction Adapting Them for Use in the Photographic Art for Controlling Timers and Photographic Lighting Systems and Lighting Equipment Such as Flood and Flash Lights.
Claims use since May 1, 1928

Ser. No. 396,359. HYMAN KLAFF, Chicago, Ill. Filed Oct. 11, 1937.

Adjust-rite

For Eyeglasses, Spectacles, and Fittings and Appliances Employed in Connection Therewith.
Claims use since Sept. 2, 1937.

Ser. No. 398,402. REICH-HERA CORPORATION, New York, N. Y. Filed Oct. 12, 1937.

Reflecta

For Cameras.
Claims use since May 20, 1937.

Ser. No. 400,017. LEMOS & NORTHROP COMPANY, Philadelphia, Pa. Filed Nov. 22, 1937.

CENTRIMAX

For Flow Meters, for Measuring Instantaneous and Integrated Rates of Flow of Fluids.
Claims use since Oct. 26, 1937.

Ser. No. 400,153. THE ESSEX COMPANY, Waterbury, Conn. Filed Nov. 26, 1937.

SYNCHRO-VALVE

The word "Valve" is disclaimed apart from the mark.
For Valves for Measuring and for Controlling the Flow of Fluids.
Claims use since Oct. 15, 1937.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 393,428. MORRIS KATZ DIAMOND CORPORATION, New York, N. Y. Filed May 20, 1937.

SOFRICAN-SEALED

For Cut and/or Set Stones.
Claims use since May 10, 1937.

Ser. No. 393,429. MORRIS KATZ DIAMOND CORPORATION, New York, N. Y. Filed May 20, 1937.

SOFRICAN-SEALED

For Cut and/or Set Stones.
Claims use since May 10, 1937.

Ser. No. 398,543. CHARLES MCCARTHY, INC., New York, N. Y. Filed Oct. 15, 1937.



The silhouette is fictitious.
For Ornamental Pins Worn as Articles of Jewelry.
Claims use since Sept. 27, 1937.

Ser. No. 399,067. AGONIS CLUB, Columbus, Ohio. Filed Oct. 29, 1937.

AGONIS

For Pins, Badges, and Buttons, Either Wholly or in Part Made of Precious Metal or Plated Therewith.
Claims use since Sept. 27, 1937.

CLASS 30

Crockery, Earthenware, and Porcelain

Ser. No. 397,082. OVERSEAS MERCANTILE COMPANY, New York, N. Y. Filed Sept. 3, 1937.



The drawing is lined for blue, red, and light grey.
For Dinnerware of China, Porcelain, Pottery, and Earthenware.
Claims use since Aug. 27, 1937.

Ser. No. 390,815. THE HOMER LAUGHLIN CHINA COMPANY, Newell, W. Va. Filed Nov. 15, 1937.

Kitchen Kraft
OVEN SERVE
U·S·A·

The letters U. S. A. are disclaimed.
For Earthenware for Oven and Refrigerator Use and Table Service.
Claims use since June 16, 1937.

CLASS 32

Furniture and Upholstery

Ser. No. 398,495. SALMANSON & CO. INC., New York, N. Y. Filed Oct. 14, 1937.

Aristocrat

For Wardrobes, Storage Cabinets in the Nature of Cabinets for Linens, and Bedding and the Like, and Kitchen Utility Cabinets.
Claims use since December, 1934.

Ser. No. 399,718. R. H. MACY & CO., INC., New York, N. Y. Filed Nov. 13, 1937. Under section 5b of the act of 1905 as amended in 1920.

MACY'S

For Beds, Secretaries, Chests, Tables, Shelves, Chairs, Sofas, Desks, Cupboards, Servers, Mirrors, Candle Stands, Chests of Drawers, Sideboards, Benches, Dressing Tables, Rockers, Stools, Window Shades, and Chair Pads.
Claims use since 1932 on window shades; since Aug. 24, 1936 on remaining goods.

Ser. No. 400,624. WEST BRANCH NOVELTY COMPANY, Milton, Pa. Filed Dec. 8, 1937.

"Visualite"

For Cedar Chests.
Claims use since Nov. 1, 1937.

Ser. No. 400,801. MARGARET W. SMITH, San Marino, Calif. Filed Dec. 13, 1937.

Nurseryette

For Combination Nursery Cabinet and Dressing Table on Wheels.
Claims use since Oct. 15, 1937.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 397,764. NATIONAL DUST CONTROL COMPANY, New Orleans, La. Filed Sept. 24, 1937.

NADUSTCO

For Air Ducts, Ventilating, Exhaust, and Draft Fans, Flues, Condensers, and Sheet Metal Products—Namely, Pipes, Hoods, and Valves.
Claims use since May 1, 1937.

Ser. No. 399,338. AUTOCRAT OIL BURNER CORPORATION, Cedar Rapids, Iowa. Filed Nov. 4, 1937.

AUTOCRAT

For Oil Burners, Oil Burning Furnaces, Boiler Units, Air Conditioning Units, Room Coolers, Fans to Provide Circulation of Air in Connection With Heating and/or Air Conditioning, Blowers, and Water Heaters.
Claims use since May 20, 1929.

Ser. No. 399,750. DOMESTIC AIR CONDITIONING COMPANY, Highland Park, Mich. Filed Nov. 15, 1937.

SEASON-AIRE

The word "Aire" is disclaimed apart from the mark.
For Complete Automatic Oil Heating and Air Conditioning Units for Buildings.
Claims use since Jan. 16, 1936.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 399,606. THE GOODYEAR TIRE & RUBBER COMPANY, Akron, Ohio. Filed Nov. 11, 1937.

EC

For Belts and Belting Composed Wholly or Principally of Rubber.
Claims use since Oct. 30, 1937.

Ser. No. 400,141. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y. Filed Nov. 24, 1937.

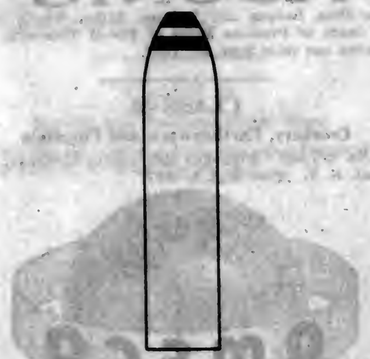
PAC-OIL

The word "Oil" is disclaimed apart from the combination shown.
For Packing Composed of Vegetable Fibres and Bonding Material in Sheet or Cut Gasket Form.
Claims use since Nov. 18, 1936.

CLASS 37

Paper and Stationery

Ser. No. 397,815. THE OSBORNE COMPANY, Clifton, N. J. Filed Sept. 25, 1937.



The mark consists of two relatively narrow black stripes with a relatively narrow white stripe therebetween, the edges of the respective stripes being in substantial parallelism, no claim being made to the representation of a pencil per se.
For Writing Pencils.
Claims use since Feb. 14, 1936.

CLASS 38

Prints and Publications

Ser. No. 380,888. ROY W. MARIS, doing business as American Frog Raisers Association and American Frog Publishing Co., Ridgewood, N. J. Filed July 9, 1936.

AMERICAN FROG RAISERS ASSOCIATION

For Publication Devoted to Subject Matter Pertaining to the Raising and Commercializing of Frogs, Published Annually and Also from Time to Time.
Claims use since June 1, 1935.

Ser. No. 396,325. NEWS PRINTING COMPANY, Paterson, N. J. Filed Aug. 12, 1937.

THE PATERSON EVENING NEWS

The term "Paterson" is disclaimed apart from the mark.
For Daily Newspaper.
Claims use since Dec. 21, 1890.

Ser. No. 398,137. ZINGERY OIL MAP COMPANY, Fort Worth, Tex. Filed Oct. 4, 1937.



For Oil Maps.
Claims use since 1935.

Ser. No. 398,814. EDUCATIONAL RESEARCH COUNCIL INC., New York, N. Y. Filed Oct. 22, 1937.

BRIEF-O-CHART

The word "Chart" is disclaimed apart from the mark.
For Leaflets, Charts, and Books.
Claims use since Sept. 20, 1937.

Ser. No. 399,296. THE FREEMAN CORPORATION, New York, N. Y. Filed Nov. 4, 1937.

The Freeman

For Monthly Critical Journal of Social and Economic Affairs.
Claims use since Oct. 15, 1937.

CLASS 39

Clothing

Ser. No. 382,129. THE NOLDE AND HORST COMPANY, Reading, Pa. Filed Aug. 13, 1936.



For Ladies' Hosiery.
Claims use since March, 1934.

Ser. No. 382,130. THE NOLDE AND HORST COMPANY, Reading, Pa. Filed Aug. 13, 1936.

colorweb

For Ladies' Hosiery.
Claims use since March, 1934.

Ser. No. 382,131. THE NOLDE AND HORST COMPANY, Reading, Pa. Filed Aug. 13, 1936.

colorweb

For Ladies' Hosiery.
Claims use since March, 1934.

Ser. No. 390,569. THE H. & H. WEISS FUR COMPANY, Cleveland, Ohio. Filed Mar. 26, 1937.

CUSTOM-CRAFT



The words "Custom-Craft Furs" are disclaimed apart from the mark.
For Fur Coats, Fur Jackets, Fur Scarfs, and Fur Neck-Pieces.
Claims use since June 1, 1936.

Ser. No. 398,766. P. FEINSTEIN & SONS, INC., New York, N. Y. Filed Oct. 21, 1937.

MAC DOUGAL IMPORTS

The word "Imports" is disclaimed apart from the mark.
For Men's and Young Men's Coats, Vests, Trousers, Topcoats, and Overcoats.
Claims use since Aug. 16, 1937.

Ser. No. 399,342. DEL MONTE-HICKEY COMPANY, INC., New York, N. Y. Filed Nov. 5, 1937.

"Sung"-Beige

The word "Beige" is disclaimed except as shown.
For Women's and Misses' Coats, Suits, Dresses, Blouses, and Skirts.
Claims use since Nov. 4, 1937.

Ser. No. 399,343. DEL MONTE-HICKEY COMPANY, INC., New York, N. Y. Filed Nov. 5, 1937.

"Yuan"-Blue

The word "Blue" is disclaimed except as shown.
For Women's and Misses' Coats, Suits, Dresses, Blouses, and Skirts.
Claims use since Nov. 4, 1937.

Ser. No. 399,957. JOHN EBBERTS SHOE CO. INC., Buffalo, N. Y. Filed Nov. 20, 1937.

CUSHIONED-WALK

For Shoes Made Mainly of Leather.
Claims use since Nov. 12, 1937.

Ser. No. 400,152. M. H. BACHMAN SHOE CO., INC., Middletown, Pa. Filed Nov. 26, 1937.

BUSY-TOES

For Children's Shoes of Leather, Fabric, and Rubber, and Combinations Thereof.
Claims use since Feb. 1, 1932.

Ser. No. 400,172. MAURICE L. ROTHSCHILD, INCORPORATED, Chicago, Ill. Filed Nov. 26, 1937.

STEWART McCRAY
MAURICE L. ROTHSCHILD

For Men's and Boys' Suits, Coats, Overcoats, Topcoats, Vests, Trousers, Knickerbockers, and Breeches.
Claims use since Mar. 10, 1931.

Ser. No. 400,227. ETABLISSEMENTS BOUSSAC, Romilly-sur-Seine, France. Filed Nov. 29, 1937.

OBLIGAINE

For Corsets, Corselets, Foundation Garments, Girdles, Corset Waists, Garter Belts, and Brassieres.
Claims use since Aug. 30, 1937.

Ser. No. 400,319. THE O'SULLIVAN RUBBER CO., INC., New York, N. Y. Filed Nov. 30, 1937.

Aristocrat

For Rubber Heels and Soles.
Claims use since Sept. 1, 1937.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 393,435. MCCROSKY STORES CORPORATION, New York, N. Y. Filed May 29, 1937.

ANITA JEAN

For Woven Textile Tapes.
Claims use since Apr. 1, 1932.

Ser. No. 399,615. LYE & SONS LIMITED, Luton, England. Filed Nov. 11, 1937.

MYO

For Straw Plait and Chip Plait.
Claims use since Feb. 7, 1913.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 397,884. MEIER & FRANK COMPANY, INC., Portland, Oreg. Filed Sept. 27, 1937.

Fortune House

For Ruffled and Tailored Curtains, Hand-Tailored Bedspreads of Silk and Rayon; Piece Goods—Namely, Damask, Printed Linen, Printed Mohair, Printed Cottons for Draperies and Upholstering Purposes; Curtain Materials of Cotton and/or Linen Yarns, Upholstery Fabrics, Wool, Mohair or Cotton Tapestries, and Mohair Cut and Woven Pile Fabrics.
Claims use since June 22, 1937.

Ser. No. 398,241. HENRY A. DIX & SONS CORPORATION, New York, N. Y. Filed Oct. 7, 1937. Under section 5b of the act of 1905 as amended in 1920.

Dix-Make

For Piece Goods of Cotton and Silk Mixture, Rayon, Alpaca, and Mohair.
Claims use since Sept. 11, 1922.

Ser. No. 399,326. PERVEL CORPORATION, New York, N. Y. Filed Nov. 4, 1937.

Pervel

For Cellulose Fabric Sheets, Pillow Cases, Table Cloths, Napkins, Doilies, Cocktail Napkins, Diaper Material in the Piece, Head-Rest Covers for Pullman Cars, Buses, Barbers' Chairs, and Dentists' Chairs, Towels, and Wash Cloths.
Claims use since Aug. 30, 1937.

Ser. No. 399,379. SYLVANIA INDUSTRIAL CORPORATION, Fredericksburg, Va., and New York, N. Y. Filed Nov. 5, 1937.

CEGLINIZED

For Treated Textile Fabrics in the Piece Comprising Cotton, Linen, and Other Vegetable Fibers Coated and/or Impregnated with a Cellulose Compound.
Claims use since Nov. 3, 1937.

Ser. No. 399,398. ANDERMAN-BEE BURNS, INC., New York, N. Y. Filed Nov. 6, 1937.

THE WORLD OF TOMORROW

For Piece Goods of Cotton, Wool, Silk, Rayon, and Mixtures Thereof.
Claims use since Oct. 1, 1936.

Ser. No. 399,580. WARREN WOOLEN CO., Stafford Springs, Conn. Filed Nov. 10, 1937.

Camoka

For Woolen Piece Goods.
Claims use since Oct. 4, 1937.

Ser. No. 399,825. CHATHAM MANUFACTURING COMPANY, Winston-Salem, N. C. Filed Nov. 17, 1937. Under section 5b of the act of 1905 as amended in 1920.

CHATHAM

Applicant owns 311,097 effected under the 10-year use clause showing the word Chatham.
For Rugs.
Claims use since October, 1928.

Ser. No. 400,033. TOOTAL BROADHURST LEE COMPANY LIMITED, Manchester, England. Filed Nov. 22, 1937.

TOOTAVIS

For Piece Goods and Articles Made Wholly or Principally of Artificial Silk.
Claims use since Sept. 28, 1934.

Ser. No. 400,422. R. MANS EXPORT & IMPORT CORPORATION, New York, N. Y. Filed Dec. 3, 1937.

MASORAH

For Rugs.
Claims use since Oct. 26, 1937.

Ser. No. 400,435. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y. Filed Dec. 3, 1937.

NEEDLE-N-THREAD

For Cotton, Rayon, Silk, and Woolen Piece Goods.
Claims use since Nov. 15, 1937.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 398,393. HECHLER BROTHERS, INCORPORATED, New York, N. Y. Filed Oct. 12, 1937.

Hearite

For Hearing Aid Under Garments and Devices for Assisting Hearing and Parts Thereof.
Claims use since July, 1937.

Ser. No. 399,573. JULIUS BORMPLER AKTIENGESELLSCHAFT, Zeulenroda, Germany. Filed Nov. 10, 1937.

LASTICFLOR

For Rubber and Elastic Corsets, Brassieres, Stockings, Sashes, and Bandages, for Surgical and Orthopedic Purposes.
Claims use since Oct. 21, 1932.

Ser. No. 399,737. LELAND A. WATSON, doing business as Medical Acoustic Instrument Co., Minneapolis, Minn. Filed Nov. 15, 1937.

MAICO

For Medical Acoustic Instruments.
Claims use since July 8, 1936.

Ser. No. 399,838. K-MAC, INC., Chicago, Ill. Filed Nov. 17, 1937.

ACROPLASTIC

For Full Denture Impressions, Corrective or Wash Impressions and Impressions for Rebasing.
Claims use since Nov. 3, 1937.

Ser. No. 400,131. SONOTONE CORPORATION, Elmsford, N. Y. Filed Nov. 24, 1937.

PERCEPTRON

For Hearing-Aid Devices and Acoustic Elements and Accessories Thereof, Such as Sound Transmitters, Telephone Receivers, Hearing-Inducing Bone Oscillators and Electric Sound Amplifiers.
Claims use since Nov. 15, 1937.

Ser. No. 400,287. ALBERT L. AUSTIN, Cleveland, Ohio. Filed Nov. 30, 1937.

AUSTOLIFT

For Abdominal and Rupture Supports.
Claims use since Nov. 18, 1937.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 397,376. THE QUEEN CITY BOTTLING COMPANY, Cincinnati, Ohio. Filed Sept. 13, 1937.

LEMO-LYME

The word "Lyme" is disclaimed apart from the mark.
For Non-Alcoholic Fruit Beverage.
Claims use since Sept. 1, 1937.

Ser. No. 399,006. PEPS-U SYRUP COMPANY, Atlanta, Ga. Filed Oct. 27, 1937.

DRINK "It's delicious" **Peps-u**

The words "Drink" and "It's Delicious" are disclaimed apart from the mark.
For Nonalcoholic Syrup Base for Making Soft Drinks.
Claims use since Aug. 11, 1937.

Ser. No. 399,642. D. B. BELLI, INC., doing business as Dumm-Rumm Company, San Francisco, Calif. Filed Nov. 12, 1937.

DUMM-RUMM

The word "Rumm" is disclaimed apart from the mark.
For Soft Drink.
Claims use since Aug. 13, 1936.

Ser. No. 399,710. ALLEN BURKE HATCHER, Charleston, W. Va. Filed Nov. 13, 1937.

TOP ROCK

For Non-Alcoholic, Non-Cereal, Maltless Beverages, Sold as Soft Drinks and Sirups and Extracts for Making the Same.
Claims use since Aug. 14, 1937.

Ser. No. 399,777. C. O. AND W. D. SETHNESS CO., Chicago, Ill. Filed Nov. 15, 1937.

Twang

For Nonalcoholic Carbonated Beverages and Extracts for Making Nonalcoholic Carbonated Beverages.
Claims use since Apr. 1, 1936.

Ser. No. 399,889. EDWARD H. GRUBER, doing business as Gruber Bottling Works, Philadelphia, Pa. Filed Nov. 18, 1937.

GRUBER'S

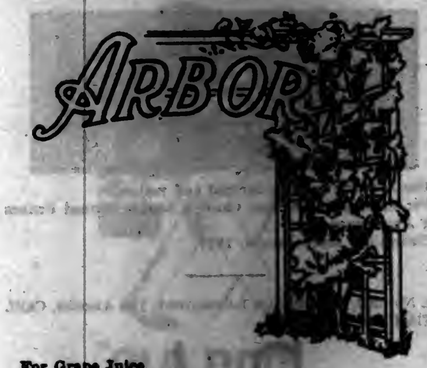
The word "Gruber's" is disclaimed apart from the mark.
For Nonalcoholic Maltless Beverages Sold as Soft Drinks.
Claims use since May 1, 1937.

Ser. No. 400,127. SAFEWAY STORES, INCORPORATED, doing business as General Food Products Co., Reno, Nev., and Vernon, Calif. Filed Nov. 24, 1937.

merry mix

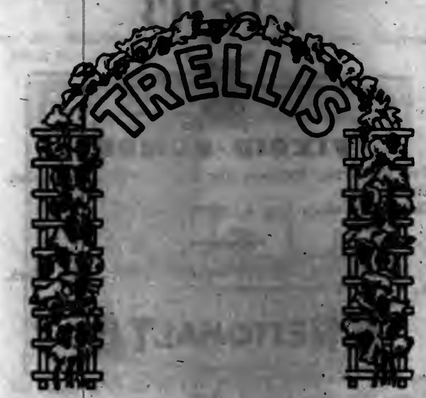
The word "Mix" is disclaimed apart from the mark.
For Carbonated Water.
Claims use since Feb. 9, 1937.

Ser. No. 400,478. THE WELCH GRAPE JUICE COMPANY, Westfield, N. Y. Filed Dec. 4, 1937.



For Grape Juice.
Claims use since Jan. 5, 1931.

Ser. No. 400,479. THE WELCH GRAPE JUICE COMPANY, Westfield, N. Y. Filed Dec. 4, 1937.



For Grape Juice.
Claims use since Jan. 5, 1931.

Ser. No. 400,989. NATURAL SUGARS, INC., New York, N. Y. Filed Dec. 17, 1937.

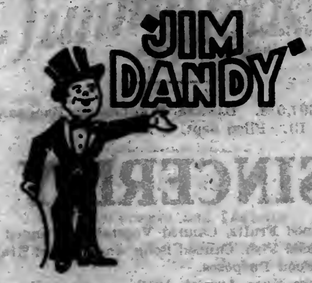


For Fruit Syrups for Making Nonalcoholic Beverages.
Claims use since Dec. 15, 1937.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 382,195. EMPIRE BEEF CORPORATION, Worcester, Mass. Filed Aug. 17, 1936.



For Bread and Coffee.
Claims use since 1928.

Ser. No. 385,526. GROVE MAICY, INC., Sebring, Fla. Filed Nov. 14, 1936.

SUNSIP

For Canned Citrus Fruit Juices for Food Purposes.
Claims use since Oct. 1, 1936.

Ser. No. 392,756. IOWA POULTRY PRODUCERS MARKETING ASSOCIATION, Ottumwa, Iowa. Filed May 14, 1937.



The outline of the map of Iowa and the words "Poultry" and "Iowa" disclaimed as apart from the mark.
For Dressed Poultry.
Claims use since Sept. 15, 1936.

Ser. No. 394,537. HURLBURT BROS. CO., Wilson, N. Y. Filed June 26, 1937.

Hurlburt's **Gold Krisp**

The words "Hurlburt's" and "Krisp" are disclaimed apart from the mark.
For Pickle Relish and Pickles.
Claims use since Aug. 1, 1934.

Ser. No. 395,325. JEANETTE WEISS, doing business as Aunt Jen's, Elmwood Park, Ill. Filed July 16, 1937.

Longburgers

For Sandwiches.
Claims use since Sept. 1, 1936.

Ser. No. 397,018. BANNER WHOLESALE GROCERS, INC., Chicago, Ill. Filed Sept. 2, 1937.

SINCERITY

For Canned Fruits, Canned Vegetables, Canned Sauerkraut, Canned Fish, Canned Soup, and Canned Grapefruit Juice for Food Purposes.
Claims use since August, 1913.

Ser. No. 397,349. SYLMAR PACKING CORPORATION, Los Angeles, Calif. Filed Sept. 11, 1937.



The drawing is lined for gold, red, and black.
For Vegetable Oils for Food Purposes—Namely, Olive Oil; Canned and Bottled Fruits and Vegetables—Namely, Ripe Olives, Ripe Green Olives, Anchovy Stuffed Ripe Olives, Breakfast Figs, Pealed Pimiento; Spiced and Preserved Fruits—Namely, Preserved Figs, Spiced Watermelon Rind; Jam—Namely, Fig Jam; Marmalade—Namely, Grapefruit Marmalade; and Fruit Juices for Food Purposes—Namely, Orange Juice.
Claims use since Dec. 11, 1936.

Ser. No. 398,488. S. S. PIERCE CO., Boston, Mass. Filed Oct. 14, 1937.

Breakfast Cocktail

The word "Cocktail" is disclaimed apart from the mark.
For Canned Food Beverages Consisting of Fruit Juices, Pulp, Sugar, and Water.
Claims use since Oct. 5, 1936.

Ser. No. 398,643. SOUTHERN DAIRIES, INC., Washington, D. C. Filed Oct. 18, 1937.

THE AUTOCRAT

For Ice Cream, Ices, and Sherbets.
Claims use since Jan. 1, 1929.

Ser. No. 398,690. HAROLD H. CLAFF, INC., Rochester, N. Y. Filed Oct. 25, 1937.



The drawing is lined for red and yellow.
For Canned Vegetables, Canned Soups, Canned Prunes and Applesauce.
Claims use since June 4, 1937.

Ser. No. 399,773. NEIL'S LABORATORY, Los Angeles, Calif. Filed Nov. 15, 1937.

Neil's

FIXOID-BUMOR

For Flavoring Extracts for Foods and Frozen Confections.
Claims use since Aug. 9, 1937.

Ser. No. 399,819. BESTOV PRODUCTS, INC., New York, N. Y. Filed Nov. 17, 1937.

KRESTOMALTA

For Malt Chocolate Mixture in Powder Form.
Claims use since Nov. 6, 1937.

Ser. No. 400,169. NEW ENGLAND CONFECTIONERY COMPANY, Cambridge, Mass. Filed Nov. 26, 1937.

STOP and GO

For Candy Bars.
Claims use since Nov. 9, 1937.

Ser. No. 400,221. P. V. BRIGHT & COMPANY, Chicago, Ill. Filed Nov. 29, 1937.

DANBLEU

For Danish Blue Cheese.
Claims use since Oct. 9, 1937.

Ser. No. 400,262. BAY STATE MILLING CO., Winona, Minn. Filed Dec. 2, 1937.



"OLD DOC"

For Rye Flour and Rye Meal.
Claims use since Jan. 20, 1933.

CLASS 47
Wines

Ser. No. 399,395. BERRY BROS. & CO., London, England. Filed Nov. 6, 1937.



No claim is made to the notation "3, St. James's St., London" apart from the mark.
For Wines.
Claims use since 1908.

Ser. No. 399,695. JULIUS WILE, SONS & CO., INC., New York, N. Y. Filed Nov. 12, 1937.



No claim is made to any words except "Chateau Olivier" apart from the mark.
For Bordeaux Wines.
Claims use since November, 1920.

Ser. No. 400,135. SUNNY HILL WINERIES, INC., Chicago, Ill. Filed Nov. 24, 1937.

Sunny Slopes

For Wines.
Claims use since Oct. 29, 1937.

CLASS 48
Malt Beverages and Liquors

Ser. No. 397,826. G. KRUEGER BREWING COMPANY, Newark, N. J. Filed Sept. 23, 1937. Under 10-year proviso.

KRUEGER

Finest

The word "Finest" is not claimed as apart from the mark.
For Beer, Ale, Porter, and Stout.
Claims use since 1858.

Ser. No. 399,903. THE SUNRISE BREWING COMPANY, Cleveland, Ohio. Filed Nov. 18, 1937.



For Beer.
Claims use since June, 1926.

Ser. No. 400,691. HAMPDEN BREWING COMPANY, Willimansett, Mass. Filed Dec. 10, 1937. Under 10-year proviso.

HAMPDEN

For Beer, Ale, Mild Ale, and Porter.
Claims use since 1894.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 399,822. BERRY BROS. & Co., London, England. Filed Nov. 17, 1937.



No claim is made to the notation "3, St. James's St., London" apart from the mark.
For Whisky, Gin, Brandy, and Rum.
Claims use since 1908.

Ser. No. 400,067. PARK, BENZIGER & Co., INC., New York, N. Y. Filed Nov. 23, 1937.

A.D.C.

For Brandy.
Claims use since Nov. 11, 1936.

Ser. No. 400,268. WOODFORD COUNTY DISTILLERY CO., INCORPORATED, St. Louis, Mo. Filed Nov. 29, 1937.

BOURBON STATE

The word "Bourbon" is disclaimed apart from the mark.
For Whiskey.
Claims use since Oct. 1, 1937.

Ser. No. 400,625. THE FRANK L. WIGHT DISTILLING COMPANY, Loreley, Md. Filed Dec. 8, 1937.



The word "Maryland" and the outline of the label are disclaimed apart from the mark. The drawing is lined for gold.
For Whiskey.
Claims use since Nov. 16, 1936.

Ser. No. 400,866. BARDSTOWN DISTILLERY, INC., Bardstown, Ky. Filed Dec. 15, 1937.

KORN KOBB

For Whiskey.
Claims use since Dec. 2, 1937.

Ser. No. 401,097. SUNNY HILL WINERIES, INC., Chicago, Ill. Filed Dec. 20, 1937.

Sunny Hill

For Brandy.
Claims use since Nov. 15, 1937.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 400,026. REUTTER & Co. SOCIÉTÉ EN COMMANDITE SIMPLE, Berchen, Belgium. Filed Nov. 22, 1937.

Alita

For Fly Catchers (Gum and Paper).
Claims use since June 1, 1927.

Ser. No. 400,142. VARAN, INC., New York, N. Y. Filed Nov. 24, 1937.

PLASTETTE

For Display Fixtures, More Particularly Ornamental Panels or Plaques.
Claims use since Nov. 9, 1937.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

JANUARY 25, 1938

353,903. DISTILLED ALCOHOLIC LIQUORS, PARTICULARLY RUM. COMPANIA RON DAIQUIRI, S. A., Habana, Cuba.
Filed March 1, 1934. Serial No. 348,015. PUBLISHED JULY 30, 1935. Class 49.

353,904. WHISKY. JOHN A. WATHEN DISTILLERY CO., Louisville and Lebanon, Ky.
Filed October 13, 1934. Serial No. 357,107. PUBLISHED NOVEMBER 16, 1937. Class 49.

353,905. READY-MIXED PAINTS AND ENAMELS. WALGREEN CO., doing business as J. W. Dart Paint & Varnish Works, Chicago, Ill.
Filed May 13, 1935. Serial No. 364,904. PUBLISHED JANUARY 21, 1936. Class 16.

353,906. TRUNKS, INCLUDING WARDROBE TRUNKS, SAMPLE TRUNKS, AND AUTO TRUNKS; TRAVELING CASES, INCLUDING LADIES' HAT BOXES, GLADSTONES, SUIT CASES, ZIPPER BAGS, ETC. BIRMINGHAM TRUNK FACTORY, Birmingham, Ala.
Filed November 25, 1935. Serial No. 371,949. PUBLISHED MARCH 2, 1937. Class 3.

353,907. CHEESE COMPOUND. BLUE MOON CHEESE PRODUCTS, INC., Minneapolis, Minn.
Filed March 14, 1936. Serial No. 375,981. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,908. MIXTURE OF ANCHOVIES, CAPERS, AND SEEDED GREEN AND BLACK OLIVES SEALED IN CONTAINERS, FOR USE WITH VEGETABLES IN THE PREPARATION OF A SALAD. JOE BROCATO, doing business as Spring St. Cafe, Shreveport, La.
Filed July 8, 1936. Serial No. 380,753. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,909. FURNITURE POLISH, LIQUID WAX, AUTOMOBILE POLISH, READY MIXED PAINTS, AND PREPARED SHELLAC. OLD DUTCH PROCESS MFG. CO., Brooklyn, N. Y.
Filed July 18, 1936. Serial No. 381,168. PUBLISHED NOVEMBER 16, 1937. Class 16.

353,910. SASSAFRAS CHEWING GUM. PAUL L. KELLY, doing business as Kels Co., Petrolia, Pa.
Filed July 31, 1936. Serial No. 381,672. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,911. TENNIS COURT SURFACINGS OF VARIOUS COLORS, TENNIS COURT COMPOSITION CLAY SURFACINGS. FRANK C. FEISE, doing business as F. C. Feise Co., Roxborough, Philadelphia, Pa.
Filed August 14, 1936. Serial No. 382,153. PUBLISHED NOVEMBER 16, 1937. Class 12.

353,912. BOOKS. MARY E. FISCHER, Portland, Oreg.
Filed August 22, 1936. Serial No. 382,467. PUBLISHED NOVEMBER 9, 1937. Class 38.

353,913. WINE. BISCEGLIA BROS., San Jose, Calif.
Filed October 12, 1936. Serial No. 384,236. PUBLISHED APRIL 6, 1937. Class 47.

353,914. ANGORA WOOL YARNS. JULIUS A. WEINBERGER, doing business as The Jawine Company, New York, N. Y.
Filed October 20, 1936. Serial No. 384,606. PUBLISHED NOVEMBER 16, 1937. Class 42.

353,915. PHOTOGRAPHIC LENSES. EASTMAN KODAK COMPANY, Jersey City, N. J., and Rochester, N. Y.
Filed January 23, 1937. Serial No. 388,091. PUBLISHED MARCH 23, 1937. Class 26.

353,916. RADIO RECEIVING AND TRANSMITTING EQUIPMENT AND PARTS THEREOF. BROWN RAY PHONES, San Francisco, Calif.
Filed February 2, 1937. Serial No. 388,431. PUBLISHED NOVEMBER 16, 1937. Class 21.

353,917. EDIBLE STARCH PRODUCT IN SOLID FORM FLAVORED OR UNFLAVORED, LIKEWISE CAKES AND CANDIES. FOOD SPECIALTIES COMPANY, St. Louis, Mo.
Filed February 3, 1937. Serial No. 388,495. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,918. SERIES OF CARTOONS. CHICAGO TRIBUNE-NEW YORK NEWS SYNDICATE, INC., New York, N. Y.
Filed February 15, 1937. Serial No. 388,900. PUBLISHED NOVEMBER 9, 1937. Class 38.

353,919. PERIODICAL PUBLICATION. GUY C. CRAPPLE, Chicago, Ill., assignor to The Little Chronicle Association, Inc., Chicago, Ill.
Filed February 24, 1937. Serial No. 389,308. PUBLISHED NOVEMBER 9, 1937. Class 38.

353,920. DOLLS, BLOCKS, DOMINOES, MECHANICAL TOYS, TRUMPETS, WHISTLES, TOY WATCHES, TOY HORNS, ETC. STRAUSS-ECKARDT CO., INC., New York, N. Y.
Filed March 18, 1937. Serial No. 390,252. PUBLISHED NOVEMBER 16, 1937. Class 22.

353,921. LAUNDRY WASHING MACHINES AND LAUNDRY WASHING MACHINE AGITATORS. HORTON MANUFACTURING COMPANY, Fort Wayne, Ind.
Filed April 5, 1937. Serial No. 390,958. PUBLISHED NOVEMBER 16, 1937. Class 24.

353,922. LARD SUBSTITUTE MADE FROM VEGETABLE OIL. LUZON INDUSTRIAL CORPORATION, Manila, P. I.
Filed April 9, 1937. Serial No. 391,136. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,923. MATERIAL TO FACILITATE THE GROWTH OF SEEDS, AND CUTTINGS, AND SEEDLINGS CONSISTING IN ONE FORM OF A STERILE MEDIUM OF SAND, CHARCOAL, AND LEATHER FIBRE, AND IN ANOTHER FORM OF LEATHER FIBRE AND WOOL. THE OSMO GARDEN COMPANY, Philadelphia, Pa.
Filed April 14, 1937. Serial No. 391,335. PUBLISHED NOVEMBER 16, 1937. Class 10.

353,924. SANITARY NAPKINS. TOC'S PRODUCTS COMPANY, INC., Syracuse, N. Y.
Filed April 14, 1937. Serial No. 391,358. PUBLISHED NOVEMBER 16, 1937. Class 44.

353,925. NEWSPAPER SECTION. WOMEN'S WEAR COMPANY, New York, N. Y.
Filed April 17, 1937. Serial No. 391,446. PUBLISHED NOVEMBER 9, 1937. Class 38.

353,926. STEEL, IRON, BRASS, ALUMINUM, AND LIKE METAL CASTINGS, FORGINGS, AND HALF-FINISHED ARTICLES. BOCHUMER VEREIN FÜR GUSSTAHLFABRIKATION AKTIENGESELLSCHAFT, Bochum, Germany.
Filed April 21, 1937. Serial No. 391,616. PUBLISHED NOVEMBER 16, 1937. Class 14.

353,927. SAUSAGE. OSCAR MAYER & Co., INC., Chicago, Ill.
Filed April 28, 1937. Serial No. 391,986. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,928. POWER SAWS. MOHAWK EQUIPMENT CORPORATION, Chicago, Ill.
Filed May 13, 1937. Serial No. 392,697. PUBLISHED SEPTEMBER 7, 1937. Class 23.

353,929. MEN'S AND BOYS' SUITS, COATS, OVERCOATS, TOPCOATS, VESTS, TROUSERS, KNICKERBOCKERS, AND BREECHES. MAURICE L. ROTHSCHILD, INCORPORATED, Chicago, Ill.
Filed May 14, 1937. Serial No. 392,773. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,930. CANNED PRODUCT CONSISTING OF A COMBINATION OF CELERY AND GREEN OR WAX BEANS. LAKESIDE PACKING COMPANY, Manitowoc, Wis.
Filed May 24, 1937. Serial No. 393,178. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,931. AUTOMOBILE AIR FILTER CLEANER APPARATUS CONSISTING OF A RECEPTACLE WHEREIN THE SAID AUTOMOBILE FILTER IS IMMERSED FOR CLEANING, SAID RECEPTACLE BEING MOUNTED UPON A STAND OR SUPPORT. HARRY JAMES MCDEVITT, Philadelphia, Pa.
Filed May 25, 1937. Serial No. 393,224. PUBLISHED NOVEMBER 16, 1937. Class 24.

353,932. PLANT GROWING TANKS AND PARTS THEREOF AND ACCESSORIES THEREFOR—TO WIT, SUPPORTS, FLUID CONNECTIONS, AND FLUID LEVEL CONTROLLING DEVICES. WILLIAM C. ANTHONY, Streator, Ill.
Filed June 5, 1937. Serial No. 393,683. PUBLISHED NOVEMBER 16, 1937. Class 2.

353,933. LADIES' COATS MANUFACTURED FROM SKINS OF CONEY, RABBIT, MARMOT, AND MUSKRAT. LEWMAC FURS, INC., New York, N. Y.
Filed June 5, 1937. Serial No. 393,718. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,934. ULTRAVIOLET EQUIPMENT, AND SAFETY AIR FIXTURES SO DESIGNED AS TO CREATE A STERILE BARRIER TO PREVENT INFECTIONS TRAVELLING BY THE AIR FROM ROOM TO ROOM. HANOVIA CHEMICAL AND MANUFACTURING COMPANY, Newark, N. J.
Filed June 15, 1937. Serial No. 394,083. PUBLISHED NOVEMBER 9, 1937. Class 44.

353,935. CANNED OLIVES AND CANNED OLIVE OIL. V. R. SMITH, doing business as V. R. Smith Olive Co., Lindsay, Calif.
Filed June 15, 1937. Serial No. 394,101. PUBLISHED AUGUST 10, 1937. Class 46.

353,936. CANDY. MARS INCORPORATED, Chicago, Ill.
Filed June 24, 1937. Serial No. 394,465. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,937. TRAP-TYPE WATER SOFTENERS. RAINCLOUD WATER SOFTENER, INC., Green Bay, Wis.
Filed June 26, 1937. Serial No. 394,551. PUBLISHED NOVEMBER 16, 1937. Class 13.

353,938. RICE. RICE GROWERS ASSOCIATION OF CALIFORNIA, also doing business as Rice Growers Assn., Sacramento, Calif.
Filed June 26, 1937. Serial No. 394,553. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,939. SYNTHETIC AND NATURAL AROMATICS AND ESSENTIAL OILS FOR FOOD FLAVORING PURPOSES. FLORASYNTH LABORATORIES, INC., New York, N. Y.
Filed July 1, 1937. Serial No. 394,747. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,940. PAINT BRUSH RECEPTACLES WITH INCIDENTAL HOLDING MEANS. ROBERT J. SIMONS, Springfield, Mass.
Filed July 9, 1937. Serial No. 395,052. PUBLISHED NOVEMBER 16, 1937. Class 2.

353,941. ELEVATING TAILGATES FOR VEHICLES. HAROLD W. SHONNARD, Montclair, N. J.
Filed July 20, 1937. Serial No. 395,461. PUBLISHED NOVEMBER 16, 1937. Class 19.

353,942. UNDERGARMENTS—NAMELY, VESTS, CHEMISES, BLOOMERS, STEP-INS, PANTIES, SLIPS, HALF SLIPS, AND NIGHTGOWNS FOR WOMEN; SHIRTS, SHORTS, AND UNION SUITS FOR MEN; AND VESTS, PANTIES, BLOOMERS, AND SLIPS FOR CHILDREN CUT OUT AND READY FOR ASSEMBLING. JIFF-EE-MADE CO., Philadelphia, Pa.
Filed July 21, 1937. Serial No. 395,478. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,943. TRANSPARENT WINDOW BAGS AND OTHER PAPER BAGS. UNION BAG & PAPER CORPORATION, New York, N. Y.
Filed July 21, 1937. Serial No. 395,499. PUBLISHED NOVEMBER 16, 1937. Class 2.

353,944. FISHING BASKETS, FLIES, FLYHOOKS, FISHING GUT (ARTIFICIAL AND SPANISH), HOOKS (RINGED, EYED, SNELLED AND UNSNELLED, SINGLE, DOUBLE, AND TREBLE), ETC. GORSLINE FINCH SPORTING GOODS COMPANY, Denver, Colo.
Filed July 26, 1937. Serial No. 395,642. PUBLISHED NOVEMBER 16, 1937. Class 22.

353,945. SMALL SAILBOATS. ROSS M. PASEL, doing business as Pasel Boat Shops, Long Beach, Calif.
Filed July 26, 1937. Serial No. 395,652. PUBLISHED NOVEMBER 16, 1937. Class 19.

353,946. SWEET, MIXED, DILL, AND SOUR PICKLES, CHOW-CHOW, SWEET AND SOUR ONIONS, SWEET PICKLE RELISH, ITALIAN STYLE GIARDINIERA (PICKLED MIXED VEGETABLES), ETC. GREEN BAY FOOD COMPANY, Green Bay, Wis.
Filed August 5, 1937. Serial No. 396,035. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,947. CRACKERS. GEORGE WESTON, LIMITED, Passaic, N. J.
Filed August 5, 1937. Serial No. 396,055. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,948. BOUILLON CUBES AND GRANULATED BOUILLON. MAGGI CO., INC., New York, N. Y.
Filed August 7, 1937. Serial No. 396,145. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,949. BOUILLON CUBES. MAGGI CO., INC., New York, N. Y.
Filed August 7, 1937. Serial No. 396,146. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,950. BOUILLON CUBES. MAGGI CO., INC., New York, N. Y.
Filed August 7, 1937. Serial No. 396,147. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,951. LADIES' HOSIERY. LARKWOOD SILK HOSIERY MILLS, INC., Charlotte, N. C.
Filed August 9, 1937. Serial No. 396,196. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,952. FRESH CITRUS FRUITS. THE MCDONALD CORPORATION, Auburndale, Fla.
Filed August 12, 1937. Serial No. 396,344. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,953. FRESH CITRUS FRUITS. THE MCDONALD CORPORATION, Auburndale, Fla.
Filed August 12, 1937. Serial No. 396,346. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,954. MEN'S SUITS. ALFRED DECKER & COHN, INC., Chicago, Ill.
Filed August 14, 1937. Serial No. 396,388. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,955. CASKETS. CENTRAL METALLIC CASKET CO., Chicago, Ill.
Filed August 16, 1937. Serial No. 396,447. PUBLISHED NOVEMBER 16, 1937. Class 2.

353,956. VESTS, SWEATERS, AND SLEEVELESS SWEATERS FOR WOMEN AND GIRLS. THE LION KNITTING MILLS COMPANY, Cleveland, Ohio.
Filed August 18, 1937. Serial No. 396,540. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,957. SUGAR SYRUP WITH CARAMEL COLORING FOR USE IN MAKING MALTED MILK DRINKS, MILK SHAKES, AND OTHER FOOD BEVERAGES. THE BORDEN COMPANY, New York, N. Y.
Filed August 19, 1937. Serial No. 396,559. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,958. AUTOMOBILES AND STRUCTURAL PARTS THEREOF. GENERAL MOTORS CORPORATION, Detroit, Mich.
Filed August 19, 1937. Serial No. 396,566. PUBLISHED NOVEMBER 16, 1937. Class 19.

353,959. LADIES', MISSES', AND CHILDREN'S DRESSES. BONDSTICHT & SPIRO INC., New York, N. Y.
Filed August 23, 1937. Serial No. 396,664. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,960. METALS AND ALLOYS THEREOF ADAPTED TO MAKE METAL WORKING AND CUTTING TOOLS AND TO MAKE WEAR-RESISTING SURFACES HAVING PARTICULAR REFERENCE TO REFRACTORY METALS SUCH AS TANTALUM, COLUMBIUM, MOLYBDENUM, OR TUNGSTEN AND ALLOYS THEREOF. FANSTEEL METALLURGICAL CORPORATION, North Chicago, Ill.
Filed August 23, 1937. Serial No. 396,675. PUBLISHED NOVEMBER 16, 1937. Class 14.

353,961. BOARD GAME PLAYED WITH MOVABLE PIECES. BERKMAN AITKEN, doing business as Corkers Company, New York, N. Y.
Filed August 24, 1937. Serial No. 396,705. PUBLISHED NOVEMBER 16, 1937. Class 22.

353,962. DOLLS. CHARLES MCCARTHY, INC., New York, N. Y.
Filed August 24, 1937. Serial No. 396,708. PUBLISHED NOVEMBER 16, 1937. Class 22.

353,963. SWEAT SHIRT. ONEITA KNITTING MILLS, Utica, N. Y.
Filed August 24, 1937. Serial No. 396,723. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,964. VEHICLE WINDSHIELD WIPER BLADES. THE SLIDETEX CO. INC., New York, N. Y.
Filed August 26, 1937. Serial No. 396,789. PUBLISHED NOVEMBER 16, 1937. Class 19.

353,965. DRESSES FOR FEMALES BETWEEN SIZES EIGHT (8) AND SEVENTEEN (17) MADE OF COTTON OR SPUN RAYON. ROSENAU BROS., INC., Philadelphia, Pa.
Filed August 26, 1937. Serial No. 396,798. PUBLISHED NOVEMBER 9, 1937. Class 39.

353,966. FRESH PEARS AND APPLES. CRYSTAL SPRINGS PACKING CO. INC., Medford, Oreg.
Filed August 27, 1937. Serial No. 396,806. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,967. BRAN MIDDLINGS, MIXED FEED, SCRATCH FEED, CHICK SCRATCH FEED, EGG MASH, GROWING MASH, STARTING MASH, DAIRY FEED, CORN MEAL, GRAHAM FLOUR, AND HOG AND PIG MEAL. THE LOUDONVILLE MILLING COMPANY, Loudonville, Ohio.
Filed August 27, 1937. Serial No. 396,822. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,968. WOMEN'S AND MISSES' CAMEL'S HAIR COATS. LONDONDERRY, INC., New York, N. Y.
Filed August 28, 1937. Serial No. 396,881. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,969. PARASOLS. FOLLMER, CLOGG & CO., INC., New York, N. Y., and Lancaster, Pa.
Filed August 30, 1937. Serial No. 396,912. PUBLISHED NOVEMBER 9, 1937. Class 41.

353,970. FERTILIZER. VAN CAMP SEA FOOD CO., INC., Terminal Island, Calif.
Filed August 30, 1937. Serial No. 396,938. PUBLISHED NOVEMBER 16, 1937. Class 10.

353,971. PERIODICAL PUBLICATIONS. CHILD WELFARE COMPANY, INC., Washington, D. C.
Filed August 31, 1937. Serial No. 396,953. PUBLISHED NOVEMBER 16, 1937. Class 38.

353,972. FLOOR DRESSING. STANDARD OIL COMPANY OF NEW JERSEY, Wilmington, Del.
Filed September 1, 1937. Serial No. 397,006. PUBLISHED NOVEMBER 16, 1937. Class 16.

353,973. SEMI-MONTHLY PUBLICATION DEVOTED PRINCIPALLY TO RELIGIOUS, SOCIAL, AND CULTURAL SUBJECTS. IL BUON SAMARITANO, INC., New York, N. Y.
Filed September 2, 1937. Serial No. 397,031. PUBLISHED NOVEMBER 16, 1937. Class 38.

353,974. THREAD AND YARN COMPOSED OF RAYON AND LINEN, AND MIXTURES OF THE SAME. MANVILLE JENCKES CORPORATION, Manville, R. I.
Filed September 2, 1937. Serial No. 397,039. PUBLISHED NOVEMBER 9, 1937. Class 43.

353,975. POWDERED PECTIN PREPARATION FOR MAKING JELLY. GENERAL DESSERTS CORPORATION, New York, N. Y.
Filed September 3, 1937. Serial No. 397,075. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,976. WOMEN'S AND MISSES' DRESSES. JOHN IRWIN, JR., doing business as Junior Executive, Chicago, Ill.
Filed September 3, 1937. Serial No. 397,079. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,977. MEN'S AND YOUNG MEN'S COATS, VESTS, AND TROUSERS. LOUIS S. ROSS, doing business as Ross Brothers, New York, N. Y.
Filed September 4, 1937. Serial No. 397,155. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,978. DENTURES. SAMUEL G. SUPPLEE & CO., New York, N. Y.
Filed September 4, 1937. Serial No. 397,158. PUBLISHED NOVEMBER 9, 1937. Class 44.

353,979. HOUSEHOLD APPLIANCES FOR EXTRACTING THE JUICE FROM FRUIT, AND MORE PARTICULARLY ELECTRIC MOTOR-DRIVEN MACHINES FOR REAMING THE JUICE FROM ORANGES. CHICAGO ELECTRIC MANUFACTURING CO., Chicago, Ill.
Filed September 9, 1937. Serial No. 397,244. PUBLISHED NOVEMBER 16, 1937. Class 21.

353,980. READY MIXED PAINTS, VARNISHES, PAINT ENAMELS, LIQUID FLOOR WAX, PRIMERS, VARNISH STAINS, METALLIC PAINT, OIL STAINS, THINNERS, LEADS, LACQUERS, PREPARED SHELLACS, FURNITURE POLISH. R. H. MACY & CO., INC., New York, N. Y.
Filed September 9, 1937. Serial No. 397,259. PUBLISHED NOVEMBER 16, 1937. Class 16.

353,981. HIGH CALCIUM FOOD IN POWDERED OR GRANULATED FORM FOR HUMAN CONSUMPTION, DERIVED ENTIRELY FROM MILK. MILK MINERALS CO. INC., Chicago, Ill.
Filed September 9, 1937. Serial No. 397,274. PUBLICATION WAIVED. Class 46.

353,982. HOSIERY. THE KNORR MERCANTILE CO., Wichita, Kans.
Filed September 10, 1937. Serial No. 397,288. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,983. DOG AND CAT FOOD. P. A. MCDONNELL, doing business as Boston Dog Food Co., Boston, Mass.
Filed September 10, 1937. Serial No. 397,293. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,984. FERTILIZERS. PLANT FOOD CORP., Los Angeles, Calif.
Filed September 10, 1937. Serial No. 397,296. PUBLISHED NOVEMBER 16, 1937. Class 10.

353,985. FERTILIZERS. PLANT FOOD CORP., Los Angeles, Calif.
Filed September 10, 1937. Serial No. 397,297. PUBLISHED NOVEMBER 16, 1937. Class 10.

353,986. WEEKLY MAGAZINE. THE REVIEW PRINTING COMPANY, Miami, Fla.
Filed September 10, 1937. Serial No. 397,300. PUBLISHED NOVEMBER 9, 1937. Class 38.

353,987. PERIODICAL. FICTION HOUSE, INC., New York, N. Y.
Filed September 13, 1937. Serial No. 397,359. PUBLISHED NOVEMBER 16, 1937. Class 38.

353,988. BOARD GAME PLAYED WITH MOVABLE PIECES. RECREATIONAL EQUIPMENT CO., Denver, Colo.
Filed September 13, 1937. Serial No. 397,379. PUBLISHED NOVEMBER 16, 1937. Class 22.

353,989. SELF-RISING FLOUR. SOUTHERN GROCERY STORES, INC., Atlanta, Ga.
Filed September 13, 1937. Serial No. 397,386. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,990. COMIC DRAWINGS PUBLISHED IN A SERIES IN DAILY AND SUNDAY NEWSPAPERS. UNITED FEATURE SYNDICATE, INC., New York, N. Y.
Filed September 13, 1937. Serial No. 397,391. PUBLISHED NOVEMBER 9, 1937. Class 38.

353,991. LADIES' PAJAMAS. JULIUS KAYSER & CO., New York, N. Y.
Filed September 14, 1937. Serial No. 397,409. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,992. CANNED PEACHES, CANNED PINEAPPLE, CANNED CUT GREEN BEANS, CANNED PEAS, CANNED CORN, AND CANNED CUT WAX BEANS. NORTHERN JOBBING COMPANY, St. Paul, Minn.
Filed September 14, 1937. Serial No. 397,414. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,993. CANNED PINEAPPLE. ARTHUR SERRA & COMPANY, Chicago, Ill.
Filed September 14, 1937. Serial No. 397,424. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,994. BATHING TRUNKS AND GYM SUITS. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed September 16, 1937. Serial No. 397,469. PUBLISHED NOVEMBER 16, 1937. Class 39.

353,995. ELECTRIC SWITCHES FOR USE IN AUTOMOTIVE VEHICLES AND OPERATING AS AN AUTOMATIC CIRCUIT BREAKER WHEN THE VEHICLE OVERTURNS. UNDERWRITERS SAFETY DEVICE CORPORATION, Chicago, Ill.
Filed September 16, 1937. Serial No. 397,490. PUBLISHED NOVEMBER 16, 1937. Class 21.

353,996. READY-MIXED PAINTS. COOK PAINT & VARNISH COMPANY, North Kansas City, Mo.
Filed September 17, 1937. Serial No. 397,501. PUBLISHED NOVEMBER 16, 1937. Class 16.

353,997. SMOKED BONELESS PORK BUTTS. JOHN MORRELL & CO., Ottumwa, Iowa.
Filed September 17, 1937. Serial No. 397,511. PUBLISHED NOVEMBER 16, 1937. Class 46.

353,998. GAMES, THE PARAPHERNALIA BEING AN APPARATUS FOR PROJECTING VARYING NUMBERS ON A FLAT SURFACE. JOSEPH SCHNEIDER, INC., New York, N. Y.
Filed September 17, 1937. Serial No. 397,518. PUBLISHED NOVEMBER 16, 1937. Class 22.

353,999. SODA CRACKERS. MCGOWEN-EDUCATOR FOOD COMPANY, Cambridge, Mass.
Filed September 18, 1937. Serial No. 397,544. PUBLISHED NOVEMBER 16, 1937. Class 46.

354,000. FRESH CITRUS FRUITS. O'BRYAN & JOHNSON, Redlands, Calif.
Filed September 18, 1937. Serial No. 397,547. PUBLISHED NOVEMBER 16, 1937. Class 46.

354,001. COATINGS AND FILLERS IN THE NATURE OF A PAINT FOR ARTIFICIAL AND NATURAL STONE. ROK-HESIVE MANUFACTURING CO., Glendale, Calif.
Filed September 18, 1937. Serial No. 397,553. PUBLISHED NOVEMBER 16, 1937. Class 16.

354,002. LADIES' HOSIERY. BAKER-MOISE HOSIERY MILLS, Dallas, Tex.
Filed September 20, 1937. Serial No. 397,566. PUBLISHED NOVEMBER 16, 1937. Class 39.

354,003. COMBINATION OF EIGHT VEGETABLE JUICES. NEW ENGLAND PRODUCTS, INC., Evanston, Ill.
Filed September 20, 1937. Serial No. 397,587. PUBLISHED NOVEMBER 16, 1937. Class 46.

354,004. FOLLOWING ITEMS OF INFANTS' GARMENTS—WHITE COMBED YARN TRAINING PANTS, 12½% WOOL TRAINING PANTS, WHITE, BLEACHED HEAVY COTTON SHIRTS, ETC. JOHN D. VAN ALLEN & SON, INC., Clinton, Iowa.
Filed September 20, 1937. Serial No. 397,595. PUBLISHED NOVEMBER 16, 1937. Class 39.

354,005. OPHTHALMIC LENSES. BAUSCH & LOMB OPTICAL COMPANY, Rochester, N. Y.
Filed September 21, 1937. Serial No. 397,605. PUBLISHED NOVEMBER 16, 1937. Class 26.

354,006. PERIODICAL PUBLICATIONS. THE BUREAU OF NATIONAL AFFAIRS, INCORPORATED, Washington, D. C.
Filed September 21, 1937. Serial No. 397,610. PUBLISHED NOVEMBER 9, 1937. Class 38.

354,007. FRESH CITRUS FRUITS. CAMARILLO CITRUS ASS'N., Camarillo, Calif.
Filed September 21, 1937. Serial No. 397,613. PUBLISHED NOVEMBER 16, 1937. Class 46.

354,008. UNWROUGHT AND PARTLY WROUGHT METALS, AND STAMPINGS, FORGINGS, DIE CASTINGS, SAND CASTINGS, AND EXTRUDED SECTIONS ALL OF ORDINARY METAL. HIGH DUTY ALLOYS LIMITED, Slough, England.
Filed September 21, 1937. Serial No. 397,618. PUBLISHED NOVEMBER 16, 1937. Class 14.

354,009. INKED RIBBONS AND CARBON PAPER. TYSON CORPORATION, Philadelphia, Pa.
Filed September 21, 1937. Serial No. 397,626. PUBLISHED NOVEMBER 16, 1937. Class 11.

354,010. DENTAL APPLIANCES, CONSISTING OF ARTICULATORS, BENCH BLOCKS, BURNERS, FLASH BOLTS, DENTAL FLASKS, ETC. BUFFALO DENTAL MANUFACTURING COMPANY, Buffalo, N. Y.
Filed September 22, 1937. Serial No. 397,642. PUBLISHED NOVEMBER 9, 1937. Class 44.

354,011. ORTHOPEDIC DEVICES—NAMELY, MUSCLE DEVELOPERS AND ARCH STRENGTHENERS FOR THE FEET. BURNS' CUBOID CO., INC., Santa Ana, Calif.
Filed September 22, 1937. Serial No. 397,643. PUBLISHED NOVEMBER 9, 1937. Class 44.

354,012. CANNED LOBSTER. DEL VALLE KAHMAN & CO., San Francisco, Calif.
Filed September 22, 1937. Serial No. 397,647. PUBLISHED NOVEMBER 16, 1937. Class 46.

354,013. COPYING APPARATUS AND DEVELOPING APPARATUS FOR TECHNICAL AND "PLAN" REPRODUCTION AND THE REPRODUCTION OF TECHNICAL DRAWINGS, ETC. NAAMLOOZE VENNOOTSCHAP CHEMISCHE FABRIEK L. VAN DER GRINTEN, Venlo, Netherlands.
Filed September 22, 1937. Serial No. 397,674. PUBLISHED NOVEMBER 16, 1937. Class 26.

354,014. JOINTED WIRE LEADER. CHARLES H. STAFF, doing business as Prescott Spinner Manufacturing Company, Prescott, Wis.
Filed September 23, 1937. Serial No. 397,730. PUBLISHED NOVEMBER 16, 1937. Class 22.

354,015. FRESH FRUIT—NAMELY, MELONS. FOOD MACHINERY CORPORATION, San Jose, Calif.
Filed September 24, 1937. Serial No. 397,735. PUBLISHED NOVEMBER 16, 1937. Class 46.

354,016. DENTAL CEMENT, A BULK LINING FOR DEEP CAVITIES. THE L. D. CAULK COMPANY, Milford, Del.
Filed September 24, 1937. Serial No. 397,748. PUBLISHED NOVEMBER 9, 1937. Class 44.

354,017. ANESTHETIC GAS MACHINES. THE HEIDBRINK COMPANY, Minneapolis, Minn.
Filed September 25, 1937. Serial No. 397,805. PUBLISHED NOVEMBER 9, 1937. Class 44.

354,018. GAME USING AN INDICATOR AND CHIPS. O. SCHOENHUT INC., Philadelphia, Pa.
Filed September 27, 1937. Serial No. 397,876. PUBLISHED NOVEMBER 16, 1937. Class 22.

354,019. SERIES OF MOTION PICTURE ANIMATED CARTOONS. WALT DISNEY PRODUCTIONS, LTD., Los Angeles, Calif.
Filed September 27, 1937. Serial No. 397,886. PUBLISHED NOVEMBER 16, 1937. Class 26.

354,020. RAZORS AND RAZOR BLADES. INTERNATIONAL SAFETY RAZOR CORP., Bloomfield, N. J.
Filed September 29, 1937. Serial No. 397,934. PUBLISHED NOVEMBER 16, 1937. Class 23.

354,021. TENNIS RACKETS. R. H. MACY & CO., INC., New York, N. Y.
Filed September 29, 1937. Serial No. 397,945. PUBLISHED NOVEMBER 16, 1937. Class 22.

354,022. TENNIS RACKETS. R. H. MACY & CO., INC., New York, N. Y.
Filed September 29, 1937. Serial No. 397,946. PUBLISHED NOVEMBER 16, 1937. Class 22.

354,023. FIREARMS, PARTICULARLY SPORTING SHOTGUNS AND RIFLES. REMINGTON ARMS COMPANY, INC., Bridgeport, Conn.
Filed September 29, 1937. Serial No. 397,953. PUBLISHED NOVEMBER 16, 1937. Class 9.

354,024. PAPER BAGS. BAGPAK, INC., New York, N. Y.
Filed October 1, 1937. Serial No. 397,994. PUBLISHED NOVEMBER 16, 1937. Class 2.

354,025. TOOL-STEELS. LUDLUM STEEL CO., Watervliet, N. Y.
Filed October 1, 1937. Serial No. 398,011. PUBLISHED NOVEMBER 16, 1937. Class 14.

354,026. FOLDING IRONING TABLES. NATIONAL WASHBOARD COMPANY, Chicago, Ill.
Filed October 2, 1937. Serial No. 398,054. PUBLISHED NOVEMBER 16, 1937. Class 24.

354,027. FOLDING IRONING TABLES. NATIONAL WASHBOARD COMPANY, Chicago, Ill.
Filed October 2, 1937. Serial No. 398,055. PUBLISHED NOVEMBER 16, 1937. Class 24.

354,028. FOLDING IRONING TABLES. NATIONAL WASHBOARD COMPANY, Chicago, Ill.
Filed October 2, 1937. Serial No. 398,056. PUBLISHED NOVEMBER 16, 1937. Class 24.

354,029. X-RAY APPARATUS. CAMPBELL X-RAY CORPORATION, Boston, Mass.
Filed October 4, 1937. Serial No. 398,077. PUBLISHED NOVEMBER 9, 1937. Class 44.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

354,030. (CLASS 32. FURNITURE AND UPHOLSTERY.) TRENTON SPRING PRODUCTS COMPANY, Trenton, N. J. Filed July 24, 1936. Serial No. 381,436.

TRENT LOCK

For Fabricated Spring Structure for Seat Cushions, Mattresses, and Cushion Type Furniture.
Claims use since Jan. 10, 1936.

354,031. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) PULLMAN CHEMICAL COMPANY, Camden, N. J. Filed Sept. 25, 1936. Serial No. 383,642.

Pullman

For Top Dressing, Brake Dressing, Chromium Cleaner, Metal Polish, Reflector Polish, Reflector Renewer Polish, Impregnated Dust Cloth, Liquid Glass Cleaner, Auto Soap, Auto Polish and Cleaner, Oil-Base Valve Grinding Compound, Water-Base Valve Grinding Compound.
Claims use since Nov. 15, 1932.

354,032. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) HARNISCHFEGER CORPORATION, Milwaukee, Wis. Filed Oct. 28, 1936. Serial No. 384,893.

SMOOTHARC

For Electric Welding Heads, Electric Arc Welding Machines, and Parts Thereof.
Claims use since Oct. 1, 1936.

354,033. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) CORTLAND LINE COMPANY, INC., Cortland, N. Y. Filed Jan. 13, 1937. Serial No. 387,964.

LITE'N TUF

For Fish Lines and Tennis Rackets.
Claims use since September, 1936.

354,024. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) AMERICAN WOOLEN COMPANY, New York, N. Y. Filed Feb. 2, 1937. Serial No. 368,426.

Stafford

For Blankets.
Claims use since Nov. 30, 1936.

354,035. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) CONSOLIDATED RIBBON & CARBON COMPANY, Chicago, Ill. Filed Nov. 18, 1937. Serial No. 399,882.

DYECLENE

For Hand Cleaning Liquid for the Removal of Dyes and Other Stains.
Claims use since May 21, 1936.

354,036. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GIMBEL BROTHERS, Inc., New York, N. Y. Filed Nov. 23, 1937. Serial No. 400,218.

SweepRite

For Carpet Sweepers.
Claims use since Feb. 1, 1936.

354,037. (CLASS 46. MALT BEVERAGES AND LIQUORS.) THE OSHKOSH BREWING CO., Oshkosh, Wis. Filed Dec. 6, 1937. Serial No. 400,522.

Oshkosh Special
OLD LAGER

For Beer.
Claims use since June 11, 1912.

354,088. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOSEPH BANCROFT & SONS CO., Rockford, Wilmington, Del. Filed Dec. 22, 1937. Serial No. 401,130.

Everglaze

For Cotton Piece Goods.
Claims use since Dec. 27, 1934.

TRADE-MARK REGISTRATIONS RENEWED

15,153. HATS, CAPS, AND HELMETS. Registered January 31, 1888. LINCOLN BENNETT & Co. Re-renewed January 31, 1938, to Lincoln, Bennett & Co., Limited, London, England, a corporation of Great Britain, assignee.

119,483. OUTLET-BOXES, SWITCH-BOXES, AND ELECTRICAL-CONDUIT FITTINGS. Registered November 27, 1917. THE ADAPTI MANUFACTURING COMPANY. Renewed November 27, 1937, to The Adapti Company, Cleveland, Ohio, a corporation of Ohio, by change of name.

119,484. OUTLET-BOXES, SWITCH-BOXES, AND ELECTRICAL-CONDUIT FITTINGS. Registered November 27, 1917. THE ADAPTI MANUFACTURING COMPANY. Renewed November 27, 1937, to The Adapti Company, Cleveland, Ohio, a corporation of Ohio, by change of name.

119,669. CORN-PLASTERS, BUNION-PLASTERS, CALLUS REMEDY, CHILBLAIN REMEDY, SOFT-CORN REMEDY, AND FOOT-POWDERS. Registered December 11, 1917. FOOT REMEDY COMPANY. Renewed December 11, 1937, to Fairyfoot Products Company, Chicago, Ill., a corporation of Illinois, assignee.

119,838. CERTAIN NAMED ATHLETIC AND SPORTS CLOTHING. Registered December 11, 1917. JOHN WANAMAKER NEW YORK, New York, N. Y., a corporation of New York. Renewed December 11, 1937.

120,108. AN INSECT REPELLENT. Registered January 8, 1918. THE KIL-TONE COMPANY, Vineland, N. J. Renewed January 8, 1938, to Lucas Kil-Tone Company, Philadelphia, Pa., a corporation of New Jersey, assignee.

120,470. HORSESHOES AND HORSESHOE-CALKS. Registered February 12, 1918. THE AMERICAN STEEL AND WIRE COMPANY OF NEW JERSEY, Hoboken, N. J. Renewed February 12, 1938, to Phoenix Manufacturing Company, Joliet, Ill., a corporation of Illinois, assignee.

120,627. SHOES OF LEATHER, RUBBER, FIBER, FELT, OR OTHER FABRIC CONSTRUCTION. Registered February 19, 1918. THOMAS G. PLANT COMPANY, Boston, Mass. Renewed February 19, 1938, to International Shoe Company, St. Louis, Mo., a corporation of Delaware, assignee.

120,964. PHOTOGRAPHIC-PRINTING FRAMES. Registered March 19, 1918. EASTMAN KODAK CO. Renewed March 19, 1938, to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey, assignee.

121,045. CERTAIN NAMED MUSICAL INSTRUMENTS AND WIND INSTRUMENTS. Registered April 2, 1918. C. G. CONN, LTD., Elkhart, Ind., a corporation of Indiana. Renewed April 2, 1938.

121,661. PACIFIERS. Registered May 14, 1918. JULIUS SCHMID, INCORPORATED, New York, N. Y., a corporation of New York. Renewed May 14, 1938.

121,719. CERTAIN NAMED ELECTROMEDICAL APPARATUS. Registered May 21, 1918. THE KNY-SCHEERER CORPORATION, New York, N. Y. Renewed May 21, 1938, to Kny-Scheerer Corporation, Long Island City, New York, N. Y., a corporation of New York, assignee by mesne assignments.

121,832. LADIES' AND MISSES' LEATHER BOOTS AND SHOES. Registered May 28, 1918. THE SHOECRAFT SHOP, INC. Renewed May 28, 1938, to Shoecraft, Inc., New York, N. Y., a corporation of New York, assignee.

121,918. A VARNISH. Registered June 11, 1918. JOHN W. MASURY & SON, Brooklyn, N. Y. Renewed June 11, 1938, to John W. Masury & Son, New York, N. Y., a corporation of New York.

122,002. CERTAIN NAMED CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS. Registered June 18, 1918. APOTHECARIES HALL COMPANY, Waterbury, Conn., a corporation of Connecticut. Renewed June 18, 1938.

LABELS

REGISTERED JANUARY 25, 1938

50,599.—*Title:* FINE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published December 30, 1937.

50,600.—*Title:* MINIATURE CHOCOLATES. For Chocolates. DAGGETT CHOCOLATE COMPANY, Cambridge, Mass. Published December 20, 1937.

50,601.—*Title:* HYGRADE LAMPS. For Electric Lamps. HYGRADE SYLVANIA CORPORATION, Salem, Mass. Published September 1, 1937.

50,602.—*Title:* OLD 97. For Fresh Fruits and Vegetables. LEONARD JONES, Los Angeles, Calif. Published December 3, 1937.

50,603.—*Title:* MENASHA ICE CREAM. For Ice Cream. MENASHA PRODUCTS COMPANY, Menasha, Wis. Published July 14, 1937.

50,604.—*Title:* LUCKY MAN LILAC AFTER SHAVE LOTION. For After Shave Lotion. MORTON G. NEUMANN, doing business as Famous Products Company, Chicago, Ill. Published December 20, 1937.

50,605.—*Title:* LUCKY BROWN ONE MINUTE HAIR TONIC TREATMENT. For a Hair Tonic. MORTON G. NEUMANN, doing business as Famous Products Company, Chicago, Ill. Published December 20, 1937.

50,606.—*Title:* KISS ME AGAIN MOUTH WASH. For a Mouth Wash. MORTON G. NEUMANN, doing business as Famous Products Company, Chicago, Ill. Published December 20, 1937.

50,607.—*Title:* LUCKY BROWN LEMON VANISHING CREAM. For a Vanishing Cream. MORTON G. NEUMANN, doing business as Famous Products Company, Chicago, Ill. Published December 20, 1937.

50,608.—*Title:* "NICO-FUME" TOBACCO POWDER. For Tobacco Powder for Fumigating Greenhouses. TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION, (INCORPORATED), Louisville, Ky. Published November 11, 1937.

50,609.—*Title:* "BLACK LEAF 40". For Nicotine Sulphate. TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION, (INCORPORATED), Louisville, Ky. Published December 3, 1937.

50,610.—*Title:* "BLACK LEAF 40". For Nicotine Sulphate. TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION, (INCORPORATED), Louisville, Ky. Published December 3, 1937.

50,611.—*Title:* "BLACK LEAF 40". For Nicotine Sulphate. TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION, (INCORPORATED), Louisville, Ky. Published December 3, 1937.

50,612.—*Title:* "BLACK LEAF 40". For Nicotine Sulphate. TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION, INCORPORATED, Louisville, Ky. Published December 8, 1937.

50,613.—*Title:* "BLACK LEAF 40". For Nicotine Sulphate. TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION, INCORPORATED, Louisville, Ky. Published December 8, 1937.

PRINTS

REGISTERED JANUARY 25, 1938

16,667.—*Title:* SILVERICE. For Glass and Metal Balls Used for Chilling Without Diluting Beer, Wine, Cocktails, Highballs, Etc. SILVERICE, INC., New York, N. Y. Published June 1, 1937.

REISSUES

JANUARY 25, 1938

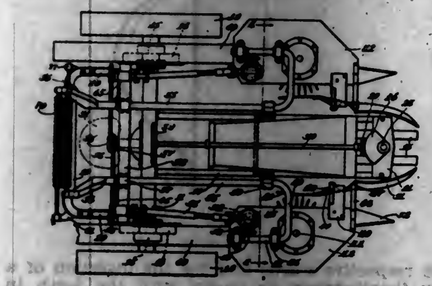
20,623

COTTON HARVESTER

Bert R. Benjamin, Oak Park, Ill., assignor to International Harvester Company, a corporation of New Jersey

Original No. 2,011,264, dated August 20, 1935, Serial No. 211,734, October 11, 1938. Application for reissue July 17, 1937, Serial No. 154,203

26 Claims. (Cl. 56—14)



21. In a cotton picker, a tractor, picking units detachably in connection with said tractor and individually outstanding therefrom at its opposite sides, supporting means carried by and outstanding from the tractor, hinged connections between said supporting means and said units whereby said units are permitted to swing toward and away from the tractor and at the same time prevented from swaying lengthwise of the tractor, and driving connections between the tractor and each of said picking units.

20,624

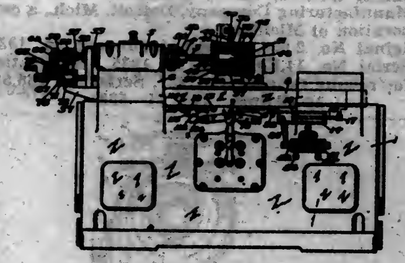
SIZE CONTROLLING MECHANISM FOR BORING MACHINES AND THE LIKE

Harold L. Blood, Worcester, Mass., assignor to The Heald Machine Company, Worcester, Mass., a corporation of Massachusetts

Original No. 2,041,806, dated May 26, 1936, Serial No. 598,635, March 10, 1932. Application for reissue June 14, 1937, Serial No. 148,203

20 Claims. (Cl. 77—3)

1. In a machine for the machining of one surface of each of a succession of workpieces to a predetermined dimension, a cutting tool and a workholder, means for producing relative rotation between said tool and a workpiece in said workholder, means for effecting the traverse of one of said parts by the other to procure a cutting operation on each successive workpiece, said operation involving a single longitudinal movement of the tool along the surface of the workpiece and subsequent withdrawal of the cutting tool from said workpiece, work-calipering means operative upon the withdrawal of the tool from the workpiece, and means under the control of said work-calipering means and operative only when a workpiece is not machined to the desired dimension as indicated by the calipering means



for procuring a compensatory movement of the cutting tool relative to the workholder.

20,625

PROCESS FOR TREATMENT OF YEAST AND THE PRODUCT PRODUCED THEREBY

Curtis P. Freshel, New York, N. Y., assignor to Rakeo Yeast, Inc., New York, N. Y., a corporation of New York

No Drawing. Original No. 1,981,225, dated November 20, 1934, Serial No. 651,851, January 14, 1933. Application for reissue November 18, 1936, Serial No. 111,403

7 Claims. (Cl. 99—96)

1. The process of treating dry powdered yeast, which comprises exposing a relatively large surface area of dry powdered yeast to smoke whereby flavor-giving substances are absorbed by said yeast from said smoke, said flavor-giving substances being dominant over the natural flavor-giving substances of said yeast.

7. As a new article of manufacture, an edible dry granulated or powdered yeast containing flavoring matter having the characteristics of smoke, said flavoring matter being effective to dominate the natural flavoring matter of the yeast.

20,626

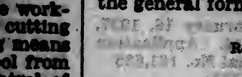
WETTING AGENTS

Benjamin R. Harris, Chicago, Ill., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J., a corporation of Delaware

No Drawing. Original No. 2,023,287, dated December 3, 1935, Serial No. 640,501, October 31, 1932. Application for reissue July 27, 1937, Serial No. 155,969

27 Claims. (Cl. 252—1)

1. A stable chemical substance represented by the general formula



wherein R is an acyl radical with at least four

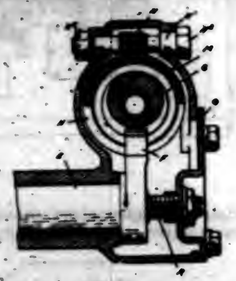
carbon atoms, X represents the residue of an aliphatic polyhydroxy substance of a class consisting of glycerol, polyglycerols, glycols, polyglycols, hydroxycarboxylic acids, sugars, sugar alcohols, and acid derivatives of sugars which links together the acyl radical with the sulphate group, Y is a cation, and w and v are small whole numbers, at least one.

20,637

WORM GEAR ADJUSTMENT FOR STEERING GEARS

Charles F. Hammond, Jr., and Harper E. Pulleyblank, Detroit, Mich., assignors to Gemmer Manufacturing Company, Detroit, Mich., a corporation of Michigan

Original No. 2,069,143, dated January 26, 1937, Serial No. 14,176, April 1, 1935. Application for reissue October 11, 1937, Serial No. 168,524
10 Claims. (Cl. 74—500)



1. In a steering gear, the combination of a gear housing, a steering post mounted thereon, a steering stem within said post, a bearing for said stem at the upper end of said post, a rock shaft extending transversely of said housing and having its axis in fixed relation thereto, a worm gear on said rock shaft, a worm on said steering stem intermeshing with said worm gear, radial and end thrust journal bearings for said worm at opposite ends thereof, eccentric mountings for said journal bearings and means for simultaneously rotating said eccentric mountings independently of any rotation of said bearings to adjust said worm towards or from said worm gear.

20,638

ALLOY

Robert H. Leach, Fairfield, Conn., assignor to Handy & Harman, New York, N. Y., a corporation of New York

No Drawing. Original No. 2,019,984, dated November 5, 1935, Serial No. 746,273, September 29, 1934. Application for reissue December 2, 1937, Serial No. 178,007
6 Claims. (Cl. 75—175)

2. An alloy for soldering and similar purposes which consists of silver ranging from about 30% to about 50%, copper ranging from about 19% to about 35%, zinc ranging from about 10% to about 40%, and phosphorus ranging from about 0.5% to about 5%.

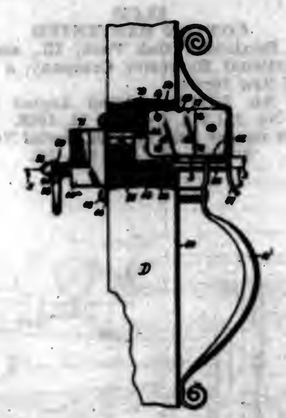
20,639

COMBINED LOCK AND LATCH

James E. Price, Manhattan Beach, Calif., assignor, by direct and mesne assignments, to Burdette Lock Company, a corporation of Nevada

Original No. 2,070,619, dated February 16, 1937, Serial No. 729,494, June 7, 1934. Application for reissue August 30, 1937, Serial No. 161,635
15 Claims. (Cl. 70—353)

1. Mechanism of the class described comprising a plurality of identical wards having circumferentially spaced teeth; means for mounting the wards in two groups for rotary movement about axes arranged side by side with the wards of one group spaced from those of the other group sufficiently to provide for the passage of the teeth of



the respective wards and for the insertion of a key therebetween to co-act with the teeth in rotating the wards; means for operatively connecting the groups of wards to synchronize rotation of the groups in opposite directions; and means for urging the two groups of wards to rotate to a pre-determined starting position.

20,640

LUMINOUS DISPLAY OR REFLECTOR SIGN

Jonathan C. Stimson, Chicago, Ill.

Original No. 1,900,761, dated June 9, 1931, Serial No. 650,462, July 9, 1923. Reissue No. 18,166, dated August 25, 1931, Serial No. 544,649, June 15, 1931. This application for reissue December 2, 1937, Serial No. 177,837
21 Claims. (Cl. 40—130)



12. A reflecting sign having a sign character provided with reflecting units arranged to form an outline of the character, each of said units comprising an optical system having a reflecting area and adapted to reflect light incident thereon from a distant source back in the general direction of the light source, irrespective, within limits, of the angle of incidence of the light, each of said units having means adapted to slightly spread the reflected light but concentrate the light within an included angle of twenty degrees.

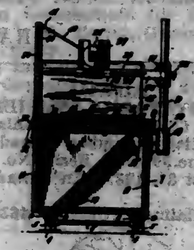
20,641

FLUOROSCOPIC DEVICE

Francis E. Tally, Arlington, Mass., assignor to Daylight Fluoroscope Corporation, Cambridge, Mass., a corporation of Massachusetts

Original No. 1,967,980, dated July 24, 1934, Serial No. 575,606, November 17, 1931. Application for reissue September 21, 1934, Serial No. 744,962
7 Claims. (Cl. 250—94)

1. A fluoroscopical device comprising a dark chamber, means to produce X-rays spaced from said dark chamber, a panel extending from said dark chamber, means associated with said panel to regulate the area covered by said rays, means affected by the X-rays to produce an image, and



means for the reflection and observation of such image.

PATENTS

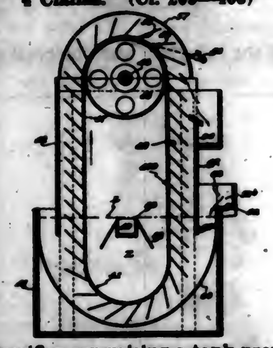
GRANTED JANUARY 25, 1938

2,106,154
ELEVATOR CLASSIFIER

Alexander C. Munro, Britannia Beach, British Columbia, Canada

Application June 30, 1936, Serial No. 88,155. Renewed August 31, 1937. In Canada March 31, 1936

4 Claims. (Cl. 209—463)



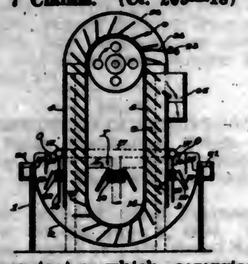
1. A classifier comprising a tank provided with means for supplying divided material together with liquid thereto, movable elevator means extending into said tank and having its upper end mounted above the level of liquid in said tank, said elevator means comprising a flexible endless carrier means having ascending and descending run portions looped downwardly within said tank and provided with open-ended agitating and elevating members mounted thereon and adapted to agitate material in said tank and to scoop up coarse material from the tank and lift the same from the body of material in the tank while permitting liquid to drain through the open ends of said agitating and elevating members and to discharge the coarse material so lifted at a point above said liquid level, slimes overflow means located in said tank within said downwardly looped portion of said endless carrier means, and means for supporting and driving said carrier means.

2,106,155
CONCENTRATOR

Alexander C. Munro, Britannia Beach, British Columbia, Canada

Application July 1, 1936, Serial No. 88,396

7 Claims. (Cl. 209—18)



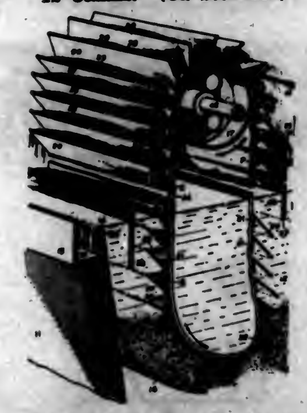
1. A concentrator which comprises: a tank provided with means for supplying thereto a pulp containing divided material together with liquid and with froth flotation agent; movable elevator means extending into said tank and comprising an endless flexible carrier having its upper end mounted above said tank on a rotatable supporting means to provide a downwardly looped portion extending within said tank, said looped portion having ascending and descending run portions, and a plurality of open-ended bucket means secured to said flexible carrier, said bucket means being directed upwardly and downwardly respectively on said ascending and descending run portions and adapted to agitate the material in said tank and to scoop up coarse material and lift the same from said tank while allowing liquid to drain therefrom through the open ends thereof and to discharge such coarse material outside of said tank, said downwardly looped portion of said carrier defining with said tank an inner zone and an outer zone extending parallel to the axis of rotation of said supporting means; driving means for said rotatable supporting means; slimes overflow means in one of said zones for maintaining a liquid level in said tank; froth producing means in the other of said zones for producing a froth concentration in said zone; and concentrate overflow means in said other zone for withdrawing the froth so produced.

2,106,156
CLASSIFICATION

Alexander C. Munro, Britannia Beach, British Columbia, Canada

Application April 19, 1937, Serial No. 137,883

12 Claims. (Cl. 209—461)



1. A classifier having a tank, adapted to contain a bath of a solids-liquid mixture to be treated provided with a feed therefor and an outflow for the discharge of classified finer solids in suspension, an endless flexible belt extending from above to below the normal liquid level of said bath, a head pulley for supporting and impelling said belt, a plurality of blades on the outside of said belt extending therefrom at an angle of the order of 45° adapted to be carried by travel of said belt into submergence in said bath and then to emergence, said bath being divided into a zone

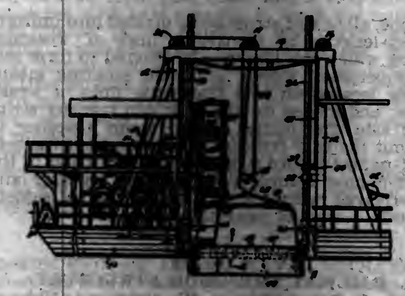
wherein agitation is caused by travel of said blades and a zone of relative quiescence adjacent said outflow wherein there can be realized concurrently sedimentation and a relatively quiet outflow, each of said blades adapted to carry to emergence without harmful disturbance of said outflow a load of settled solids picked up from the bottom zone of said tank from which loads liquid entrained thereby escapes freely, and means for diverting from the classifier the emerged loads discharged by the blades upon their being upset after taking around said head pulley.

2,106,157
GOLD MINING MACHINERY

Robert G. Neider, Boise, Idaho, assignor to The Submarine Gold Mining Company, Boise, Idaho, a corporation of Idaho

Application May 15, 1937, Serial No. 142,892

11 Claims. (Cl. 262—3)



1. A mining apparatus of the character described, including a barge, a diving bell, means supporting the diving bell on the barge, power operated means for raising or lowering the bell, means maintaining a predetermined air pressure within the bell, a man-way tower extending upward from the bell and having locks, means whereby the pressure of air between the locks of the tower may be equalized, a sluice box disposed within the diving bell and discharging into a tailings compartment, a pump on the barge, a flexible pipe extending from the pump into the bell and discharging into the sluice box, and a suction line extending from the tailings compartment to the barge and a sand pump connected to the suction line.

2,106,158
PURIFYING CHLORINATED HYDROCARBONS

Friedrich Pevese, Rheinfelden/Baden, and Alfred Riechs, Wolfen, Kreis Bitterfeld, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application June 12, 1936, Serial No. 85,916. In Germany July 4, 1935

2 Claims. (Cl. 260—163)

2. The process for purifying halogenated hydrocarbons of the group consisting of halogenated methane, ethane, ethylene and acetylene which are contaminated with metal chlorides, which comprises adding ethylene oxide to the chlorinated hydrocarbon and distilling the latter in the presence of water.

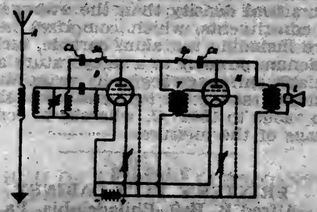
2,106,159
AUTOMOBILE RADIO APPARATUS

Wilhelm Runge, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application January 31, 1936, Serial No. 61,644

In Germany February 25, 1935

6 Claims. (Cl. 250—13)



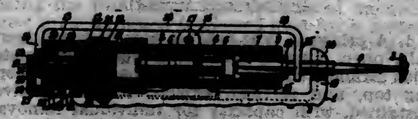
1. In a receiving and sending system comprising in combination an input and output circuit, a detector stage connected to said input circuit, an audio frequency amplifier stage connected to said detector stage, means for establishing a feedback in both the detector and audio stages, switching means to interrupt said feedback in the detector stage, a second switching means to interrupt the feedback in said audio frequency stage, said first and second switching means being closed in the sending position and open in the receiving position.

2,106,160
PUNCHING MECHANISM

Job D. Baker, Gilbertville, Mass., assignor to Sullivan Machinery Company, a corporation of Massachusetts

Application November 22, 1933, Serial No. 699,211

28 Claims. (Cl. 76—5)



1. In a punching mechanism, a fluid actuated hammer motor, a valve for controlling the supply of motive fluid to said motor, a pinning out tool actuated by said motor, and means actuated by movement of the pinning out tool relative to the motor and operatively connected to said valve independently of said motor for controlling said valve.

2,106,161
HARD ALLOYS

Clarence W. Balke, Highland Park, Ill., assignor to Ramet Corporation of America, North Chicago, Ill., a corporation of Illinois

No Drawing. Application March 7, 1932, Serial No. 597,416

5 Claims. (Cl. 75—126)

1. A method of making a tool alloy having a greater actual density than the average density of its constituents, which comprises heating a mixture including tantalum carbide, nickel, and tungsten powders to a temperature at which appreciable shrinkage begins in vacuo, and thereafter slowly raising the temperature of said mixture in vacuo to 1380° C., whereby to control the shrinkage of the mixture.

2,106,163
HARD ALLOYS
Clarence W. Balke, Highland Park, Ill., assignor to Ramet Corporation of America, North Chicago, Ill., a corporation of Illinois
No Drawing. Application March 14, 1932, Serial No. 598,896
5 Claims. (Cl. 75—126)

1. A method of making a tool alloy having a greater actual density than the average density of its constituents, which comprises heating a mixture including tantalum carbide, nickel, and molybdenum powders to a temperature at which appreciable shrinkage begins in vacuo, and thereafter slowly raising the temperature of said mixture in vacuo to 1380° C., whereby to control the shrinkage of the mixture.

2,106,164
PRINTER'S TYPE CABINET
Alfred B. Bell, Philadelphia, Pa.
Application June 17, 1936, Serial No. 85,671
24 Claims. (Cl. 276—45)



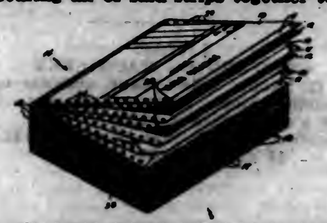
1. A printer's type cabinet comprising a frontally-open housing fabricated from sheet metal with straight side walls, a solid back and a sloping top, and vertically-spaced inclined shelves sustained, with capacity for individual removal, within the housing, each of said shelves supporting a number of gravity-feed type chutes side by side in close contiguity with their delivery ends accessible at the front of the housing.

2,106,164
COATED FLEXIBLE SHEET
Walter Durgin Bowlby, Jersey City, N. J., assignor to Egyptian Lacquer Manufacturing Company, a corporation of New Jersey
No Drawing. Application April 7, 1936, Serial No. 73,184
20 Claims. (Cl. 91—68)

1. A flexible sheet having an adherent flexible lacquer film in which the principal base is nitrostarch and containing an amount of plasticizer equal at least to 20% by weight of the nitrostarch in the film.

2,106,165
MANIFOLDING
Carl W. Brenn, Montclair, N. J., assignor to Autographic Register Company, Hoboken, N. J., a corporation of New Jersey
Application August 22, 1936, Serial No. 97,307
17 Claims. (Cl. 282—12)

1. A manifolding pile comprising a plurality of continuous record strips in superposed relation; a plurality of continuous transfer strips interleaved with said record strips; other continuous record strips each overlying one of said first-named record strips to receive type impressions direct and transferred from said transfer strips and simultaneously block out the transfer of type impressions on certain parts of the first-named record strips, said second-named record strips having on their back surfaces transfer material covering areas in which type impressions are to be made simultaneously on all of the strips; means for securing all of said strips together to travel



as one, all of said strips being divided into uniform sheet-lengths by transverse lines of weakness along which the pile may be severed to form sets of superposed sheets, and said securing means being located on said transverse lines of weakness; and means for securing said transfer strips and said first-named record strips together to permit the easy removal of the sheets of the second-named record strips leaving the sheets of the first-named record strips secured together and interleaved with transfer sheets for subsequent manifold writing operations.

2,106,166
RAILWAY CAR DOOR STRUCTURE
Edwin G. Busse, Chicago, Ill., assignor to Chicago Railway Equipment Company, Chicago, Ill., a corporation of Illinois
Application May 2, 1934, Serial No. 723,438
4 Claims. (Cl. 292—184)



1. In combination, a stop member for attachment to a wall with a door opening, said member having a vertically disposed element and an element inclined to the vertical, both of said elements facing in the same general direction, latch bolt structure arranged for vertical sliding movement on the door, said latch bolt structure having a vertical face on its lower portion and also having an inclined face on said lower portion and said latch structure being positioned when said door is closed so that said vertical face opposes the vertical element of said stop member and said inclined face opposes the inclined element of said stop member.

2,106,167
SELF-ADJUSTING BRAKE
Howard D. Coleman, Rockford, Ill.
Application March 15, 1935, Serial No. 11,352
40 Claims. (Cl. 188—79.5)

1. A wear compensating device for maintaining a predetermined operating slack comprising, in combination, a self-adjusting unit having two relatively rotatable screw members with non-locking coacting threads and being adjustable in axial length through relative rotation in one direction when subjected to an axial force in one direction, and a housing enclosing said unit and being hermetically sealed to prevent the loss or deterioration of lubricant and the entry of foreign matter.



28. A vehicle brake comprising, in combination, a rotatable drum, a brake element engageable with said drum, spring means for retracting said element from said drum and a stop device associated with said element to limit the movement thereof in one direction, said device comprising a self-adjustable unit having two relatively rotatable screw members with non-locking coacting threads and being adjustable in length when subject to axial tension, and spring means other than said first mentioned spring means for placing said unit under compression and of a strength sufficient to counteract a downward acceleration of said brake bearing a ratio to gravity up to five to prevent adjustment in response to momentum.

2,106,168
PRODUCTION OF ALKALI METAL NITRATES
Alfred Stevens Denny, Hopewell, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y., a corporation of New York
No Drawing. Application October 2, 1931, Serial No. 566,262
10 Claims. (Cl. 23—102)

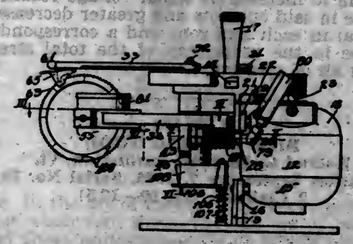
1. In a process for the production of an alkali metal nitrate from an aqueous solution of the same containing a small proportion of an alkaline material from the group consisting of the alkali metal carbonates and hydroxides, that improvement which comprises treating said solution with an inorganic ammonium salt and heating the thus treated solution to concentrate it until said alkaline material is substantially completely removed therefrom.

2,106,169
AUTOMOBILE STEERING WHEEL
Prentis Enright Erickson, Minneapolis, Minn., assignor to James B. Bradshaw, Minneapolis, Minn.
Application November 17, 1936, Serial No. 111,311
3 Claims. (Cl. 74—555)



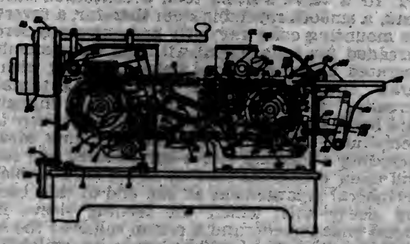
1. In a steering wheel construction, a pair of cooperating split metal castings interposed between a spoke and the adjacent rim sections, a second pair of cooperating split metal castings interposed between an adjacent spoke and the adjacent rim sections, alined hinge pins connecting each pair of split castings and completely housed within the same, means for detachably connecting the remaining spoke with the wheel hub, means for latching and unlatching the remaining spoke for respectively placing the wheel in driving position or in inoperative position when the major portion of the wheel is raised upwardly and forwardly to permit unobstructed getting into or out of the driver's seat, and a locking means carried by one of the split metal castings for retaining the wheel in its inoperative position.

2,106,170
METHOD OF TESTING LUBRICANTS
Frederick A. Faville, Chicago, Ill.
Application April 20, 1936, Serial No. 75,323
4 Claims. (Cl. 73—51)



1. The method of testing lubricants, which comprises rotating a cylindrical member between plane bearing surfaces under increasing bearing load, measuring the load and torque up to the point where the torque suddenly increases, continuing the rotation of said cylindrical member under predetermined increased load for a period of time and measuring the amount of wear produced on the bearing surfaces.

2,106,171
FLEXING MACHINE
Emil Fegelson, Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application August 1, 1936, Serial No. 93,828
58 Claims. (Cl. 12—17)



1. In a flexing machine, means for advancing a workpiece along a path having two rectilinear portions outgoing and incoming with respect to a work-receiving point, flexing mechanism acting upon the work over the outgoing rectilinear portion, and flexing mechanism acting upon the work over the incoming rectilinear portion.

2,106,172
VACUUM TUBE
Philip M. Hafleke, Washington, D. C.
Application July 30, 1936, Serial No. 93,464
27 Claims. (Cl. 250—27)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



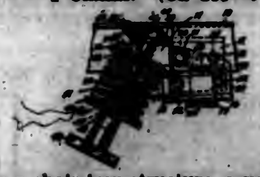
1. A method of operating a vacuum tube, comprising applying a signal voltage to control an electron stream in said tube, intercepting from said stream at each of a plurality of spaced zones a portion of the electrons to set up a current through each zone separate from the current in the output signal channel, and utilizing the said currents to effect a decrease of potential in the respective zones, whereby increase of electron flow due to increase of signal voltage results in increase in said currents and greater decrease of potential in each said zone and a corresponding decrease in the proportion of the total stream passing all of said zones.

2,106,173
BIBB SEATING TOOL
Roland G. Hawker, Burlington, Vt.
Application September 7, 1935, Serial No. 39,589
2 Claims. (Cl. 90—12.5)



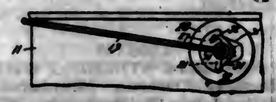
1. In a valve seating tool, a contoured cutter head, a smooth revoluble stem therefor, a reversible mounting cone interiorly and exteriorly screw threaded for engagement with the valve member operated upon, said cone being provided with a screw threaded central bore, an externally threaded feeding sleeve threadedly engaging said bore, and interengaging means between the sleeve and the stem, said interengaging means including a bushing sleeve surrounding the stem and upon which the feeding sleeve is revoluble, a peripheral enlargement at one end of said bushing sleeve with which the feeding sleeve has thrust engagement, and a clamp collar at the opposite end of the bushing sleeve by which the bushing sleeve is immovably engageable with the stem in different positions of axial adjustment, said mounting member having a tube-like sleeve centrally located and shorter than the maximum depth of the screw-threaded portion to provide clearance for retracting at least a portion of the contoured cutter within the mounting member.

2,106,174
CHAIR IRON
Walter F. Herold, Bridgeport, Conn., assignor to The Rassiek Company, Bridgeport, Conn., a corporation of Connecticut
Application June 12, 1936, Serial No. 84,837
4 Claims. (Cl. 155—77)



4. In a chair iron structure, a supporting post, a frame rigidly mounted on said post, a pair of spider arms, a spanner member rigidly connecting said spider arms in spaced relation, joint means connecting said spider arms and spanner member to said frame for tilting movement about a horizontal axis, said frame comprising a U-shaped frame member having an aperture in its transverse portion engaged by said post, a second frame member secured between the sides of said first frame member and having an aperture in its transverse portion also engaged by said post, said post being secured with respect to said apertures against vertical displacement, forwardly projecting arms on the sides of said U-shaped frame member adapted to engage said spanner member in the non-tilted position of said spider arms, stop means on said arms adapted to engage said spanner member to limit the tilted position of said spider arms, a forwardly projecting integrally formed apertured resilient element supporting head on the transverse portion of said second frame member engaging the under sides of said arms, a rod rockingly connected to said spanner member and extending through said apertured head, a resilient element supporting base adjustably mounted on said rod in spaced relation to said head, and resilient means disposed about said rod between said head and said base.

2,106,175
BAIL CONTAINER
John M. Hethersall, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application September 3, 1933, Serial No. 688,675
1 Claim. (Cl. 220—91)



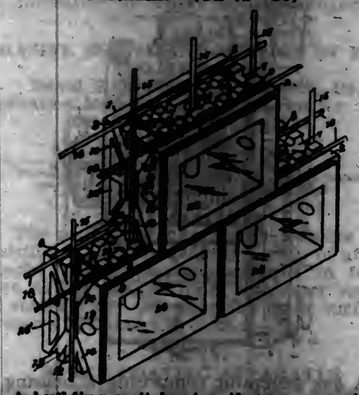
A container comprising a body, cup-shaped hollow bail ears formed of bendable sheet metal, each including a peripheral wall permanently secured to said body, and a one-piece bail having hooked ends adapted for insertion within and pivotal engagement with said ears, the peripheral wall of the bail ear including an arcuate portion of substantial length, the portions of the peripheral wall at the opposite ends of said arcuate portion being bent inwardly to form stop shoulders for engaging said bail ends to hold the bail spaced away from the wall of the container body, the hooked shoulder engaging portions of said bail normally extending transversely of the bail within the hollow bail ears, whereby said bail ends may be inserted within said hollow bail ears by a twisting movement of the bail.

2,106,176
QUICK RELEASE VALVE
William E. Hoffman and George W. Replogle, Dayton, Ohio
Application March 2, 1935, Serial No. 9,636
6 Claims. (Cl. 251—30)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A valve assembly comprising a valve body having an external shoulder and provided internally with a fluid passage having a discharge orifice and a valve seat, a valve plug carrier slidably mounted in said body for movement up and down relative to said valve seat, a valve plug positioned in and secured to said carrier and having a sealing means to engage the valve seat in the down position of the carrier and to be raised from said seat in the elevated position of the carrier, tensioned carrier-elevating means adapted to hold the said carrier, valve plug and sealing means elevated above the seat and a releasable lever-and-latch element pivoted at one end to the valve body for swinging movement downwardly against the carrier to press the sealing means to the valve seat and at its free end having a latch lug engageable with the external shoulder of the valve body for retaining the said carrier down against the tension of the carrier-elevating means.

2,106,177
BUILDING UNIT
Victor J. Hultquist, Alcoa, Tenn.
Application December 15, 1936, Serial No. 116,022
8 Claims. (Cl. 72—36)



1. A building unit having the upper and lower faces formed with a longitudinally ranging channel and side channels on opposite sides of the longitudinally ranging channel, the ends of the unit being formed with a vertical channel communicating with the ends of the longitudinally ranging channel, and inclined channels leading from the ends of the side channels and leading into the vertical channel, the inclined channels providing air vent paths from the side channels to the vertical channels.

2,106,178
ELECTROLYTIC CONDENSER
Fred Keller and Charles M. Hastings, New Kensington, Pa., assignors to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
Application March 23, 1927, Serial No. 182,527
11 Claims. (Cl. 148—31.1)



6. In the art of making electrolytic condensers from aluminum sheet, the method of rendering said sheet uniformly etchable which contains a total of not more than 0.6 per cent of the impurities iron, silicon and copper, said method comprising heating the sheet at 650 to 950° F. for 5 minutes to 12 hours and thereafter subjecting said sheet to a thermal treatment between 250 and 400° F., followed by cooling to room temperature.

2,106,179
COMPOSITE CONSTRUCTION MEMBERS
Guy F. Kotrisaty, New York, N. Y., assignor to Fer-O-Cem Corporation, Bryn Mawr, Pa., a corporation of Delaware
Original application November 17, 1933, Serial No. 698,432. Divided and this application July 5, 1935, Serial No. 29,626
7 Claims. (Cl. 72—115)



1. In composite structural stud members, including end sections of self-supporting building units having tongued post sections formed therein and serving as structural supporting and keying members, H-shaped sheet metal keying members between and in locking engagement with aligned and spaced post sections of adjacent building units, the said keying members comprising panel sections generally lying in the same plane as the walls of the building units and intermediate web sections having flange portions, the flange portions of the said members being adapted to mate with and engage the post sections on the building unit end sections whereby the composite is held as a structural unit.

2,106,180
PROCESS OF PREPARING TERTIARY ETHYNYL CARBINOLS AND PRODUCT THEREBY PRODUCED
Oscar Robert Kreimeier, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 20, 1936, Serial No. 91,622
7 Claims. (Cl. 260—156)

1. Process of preparing dimethylethynylcarbinol which comprises reacting 46 parts of sodium with an excess of liquid ammonia in the presence of 1.3 parts of sodium oxide and in the presence of 0.3 part of ferric nitrate enneahydrate, passing acetylene gas into the ammonia solution of sodamide thus prepared at —50° C. to —40° C. until the gray color thereof changes to black, adding 116 parts of dry acetone to the sodium acetylide solution thus obtained, and isolating the dimethylethynylcarbinol by evaporating the ammonia, dissolving the residue in water, acidifying and steam distilling the aqueous acid solution, and salting out the product from the steam distillate.

2,106,181
ETHYNYL CARBINOLS AND PROCESS OF PREPARING THE SAME
Oscar Robert Kreimeier, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 20, 1936, Serial No. 91,623
10 Claims. (Cl. 260—156)

1. Process of preparing methylethynylcarbinol which comprises reacting 46 parts of sodium with an excess of liquid ammonia in the presence of 1.3 parts of sodium oxide and in the presence of 0.3 part of ferric nitrate enneahydrate, passing acetylene gas into the ammonia solution of sodamide thus prepared at —50° C. to —40° C. until the gray color thereof changes to black, adding 88 parts of dry acetaldehyde to the sodium acetylide thus obtained, and isolating the methylethynylcarbinol by evaporating the ammonia, dissolving the residue in water, acidifying and steam distilling the aqueous acid solution, and salting out the product from the steam distillate.

2,106,182
PROCESS OF REACTING ALKALI METAL ACETYLIDES WITH ALKYLENE OXIDES AND PRODUCTS THEREBY PRODUCED
Oscar Robert Kreimeier, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 20, 1936, Serial No. 91,624
12 Claims. (Cl. 260—156)

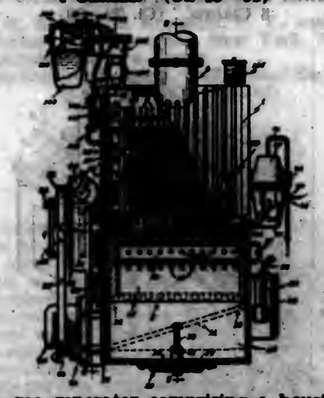
1. Process for the preparation of beta-ethynylethanol which comprises reacting 46 parts of sodium with an excess of liquid ammonia in the presence of 1.3 parts of sodium oxide and in the presence of 0.3 part of ferric nitrate enneahydrate, passing acetylene gas into the ammonia solution of sodamide thus prepared at —50° to —40° C., until the gray color thereof changes to black, adding 88 parts of dry ethylene oxide to the sodium acetylide solution thus obtained, maintaining the temperature at —50° to —30° C. for four to fifteen hours, and isolating the beta-ethynylethanol by evaporating the ammonia, dissolving the residue in water, acidifying and steam distilling the aqueous acid solution, and salting out the product from the steam distillate.

2,106,183
SUCTION ELEVATOR
Arthur Lowy, Newark, N. J., assignor to New York Engineering Company, New York, N. Y., a corporation of New York
Application May 5, 1936, Serial No. 77,911
4 Claims. (Cl. 302—15)



1. In a suction elevator, a chamber having inlet and discharge openings arranged with their axes at an angle so that the material changes its direction of travel in passing therethrough, a one-piece lining for said chamber having a substantially continuous and unbroken surface adapted to permit passage of material without turbulence, and a water supply nozzle terminating substantially flush with said lining so that the nozzle is out of the path of the flow of material in said chamber and does not interfere with the smooth flow of material therethrough.

2,106,184
GAS GENERATOR
Vincent D. McDonnell, Chicago, Ill.
Application May 21, 1934, Serial No. 726,691
7 Claims. (Cl. 48—61)



1. A gas generator comprising a housing arranged to provide a fuel bowl in its lower portion and a combustion space above said fuel bowl, a horizontally disposed rotatable drum positioned within said combustion space and arranged to extend into fuel held in said fuel bowl, means to rotate said drum, means to ignite fuel

carried on said drum, a catalyzing chamber within said housing communicating with said combustion space, catalyzing means in said catalyzing chamber, a tortuous passageway within a wall of said housing adjacent said catalyzing chamber and said combustion space, means to introduce water into said passageway for vaporization therein, means communicating with said passageway and arranged to distribute the water vapors therefrom along one side of said drum, and means to introduce air into said combustion chamber in predetermined quantities and at said one side of said drum.

2,106,185
VENDING MACHINE
Louis H. Morin, New York, N. Y., assignor to The Coca-Cola Company, Wilmington, Del., a corporation of Delaware
Application September 8, 1934, Serial No. 743,255
10 Claims. (Cl. 312—36)



1. A device of the class described having a tank provided with a discharge opening in the top wall thereof, horizontally disposed endless conveyor means in the tank operable to advance bottles or the like in an up-standing position below and in alignment with said opening, manually operable means for the first mentioned means, a device for partially ejecting a bottle aligned with said opening and supporting such bottle in partially ejected position, said device being normally interfitted with said conveyor means, and mechanism operable through each operating movement of said manually operable means to disengage said device from the conveyor means and thereafter to restore said interengagement.

2,106,186
ABRASIVE SLEEVE AND METHOD OF FORMING THE SAME
David R. Mallinckrodt, Swarthmore, Pa.
Application November 2, 1936, Serial No. 108,845
12 Claims. (Cl. 51—378)



2. The method of forming an abrasive sleeve consisting of spirally winding a strip of abrasive material about a tapered mandrel to form a sleeve having tapered inner and outer surfaces, and subsequently trimming the outer surface of the sleeve to cylindrical form.

2,106,187
SPRAY COATING APPARATUS
Walter R. Meagher, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application September 9, 1936, Serial No. 99,901
14 Claims. (Cl. 91—39)

1. In combination, a stand, a spray gun on the stand having an operating member, a gun support having pivotally joined sections constructed and arranged to permit adjustment in a plurality of planes, said support extending between the stand and the spray gun to hold the latter in the desired position on the stand, and an operator-controlled member remote from the spray gun



joined by a linkage to the operating member at the gun to actuate it, said linkage having a connecting portion associated with said support, said connecting portion being jointed in such relation to a joint of the support that adjustment of the position of the gun does not affect the operativeness of the connection.

2,106,188
METHOD OF ACCELERATION OF GELATINIZATION OF CELLULOSE NITRATE AND LIQUID NITRIC ESTERS AND THE PRODUCT THEREOF
James T. Power, Wilmington, Del., and Kenneth R. Brown, Tamaqua, Pa., assignors to Atlas Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 6, 1934, Serial No. 705,622
7 Claims. (Cl. 52—22)

3. A composition comprising a cellulose nitric ester gelatinized with a liquid nitric ester in the presence of a minor proportion of an accelerator comprising an alkyl ether of a hexahydric alcohol, said ether having at least five ether groups.

5. The process of gelatinizing cellulose nitric esters with liquid nitric esters, which comprises bringing about said gelatinization in the presence of an accelerator comprising an alkyl ether of a hexahydric alcohol, said ether having at least five ether groups.

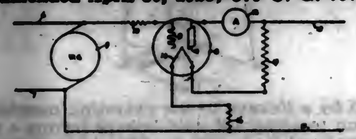
2,106,189
APPARATUS FOR CONSTRUCTING LEVEES AND THE LIKE
Frederic Carl Rabbiff, South Milwaukee, Wis., assignor to Bucyrus-Erie Company, South Milwaukee, Wis., a corporation of Delaware
Application June 27, 1936, Serial No. 87,675
16 Claims. (Cl. 214—160)



1. In apparatus for constructing levees and the like, the combination of: a central supporting

propelling base; a loading wing pivoted adjacent one side of said base; a dumping wing, pivoted adjacent the opposite side of said base; adjustable means suspending each wing; a load-carrying car adapted to travel the length of the two wings and the base; a loading hopper, to direct material into the car; and a ground engaging support for the hopper, adapted to be engaged by the loading wing, whereby the hopper support is carried by the loading wing when the latter is raised, and whereby the hopper is free from connection with the loading wing when the latter is lowered.

2,106,190
ARCHONOGRAPH
Bela Rozsay, Annapolis, Md.
Application September 12, 1933, Serial No. 689,119
13 Claims. (Cl. 219—8)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



3. The combination with a welding circuit wherein the voltage passes alternately through values corresponding substantially to open circuit and short circuit during the fusion of a particle of the welding electrode and the transfer of such particle to the welding, respectively, of a vacuum tube having a grid, a filament, and a plate, means connecting the said grid to one side of said circuit and said filament to the other side of said circuit, whereby said tube passes a saturation current during the time of fusing said particle and is blocked during the transfer of said particle to the weld and a high inertia indicating instrument connected to the said plate, the said instrument being thus actuated to indicate the relative durations of the fusing stage and the transfer stage.

2,106,191
MAIL TREATING MACHINE
Commodore D. Ryan, Los Angeles, Calif., assignor to National Postal Meter Company, Los Angeles, Calif., a corporation of California
Application April 26, 1935, Serial No. 18,245
7 Claims. (Cl. 164—61)



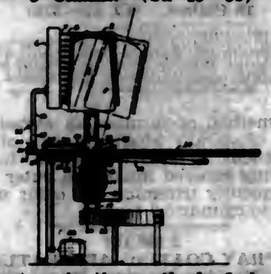
7. In a mail treating machine, a powerplant including a guide wall, an envelope magazine having one side in alignment with the said guide wall, and an envelope feed conveyor arranged parallel to said wall and operable for serially feeding envelopes from the magazine; a letter opening device mounted in the powerplant and having cutting means positioned a predetermined distance outwardly from the envelope engaging face of the guide wall for trimming a strip of predetermined width from the body of each of the envelopes conveyed therepast, said opening device having a guide wall in substantial alignment with the powerplant guide wall, and a conveyor means mounted in the opening device and diagonally related to the powerplant guide wall for moving the envelopes under treatment into guiding relation with said guide walls.

2,106,192
METHOD AND APPARATUS FOR MAKING AND DECANTING CHAMPAGNE
Willard C. Seville, Belvedere, Calif.
Application October 15, 1934, Serial No. 748,351
21 Claims. (Cl. 226—26)



1. In an apparatus for transferring champagne from a bottle in which it was fermented into another bottle, the combination with means for holding each bottle stationary, and a closure member for each bottle adapted to engage the mouths of said bottles of a syphon, means to simultaneously insert the ends of the syphon through said closure members into the respective bottles so as to cause the flow of champagne from the full to the empty bottle, and means for the gradual escapement of air from the second bottle as it is being filled.

2,106,193
METHOD OF MAKING HOLLOW GLASSWARE
Theodore H. Sloan, Charleroi, Pa., assignor to G. M. S. Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 30, 1935, Serial No. 52,363
6 Claims. (Cl. 49—68)

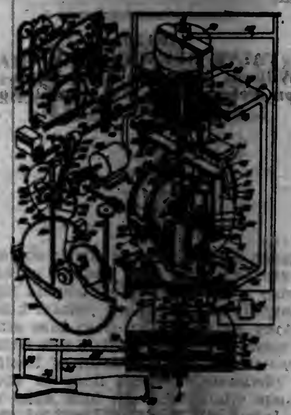


1. The steps in the method of shaping glass articles which comprise providing a shaping support having a portion of its supporting surface of the desired surface contour of the finished article and having its axis adapted for adjustment to different angles, the cross-section of the support at any point along its axis being smaller than the

corresponding cross-section of the glass blank placing a preformed glass article of substantially straight-sides on said shaping support, subjecting the outer surface of the article to uniform heating temperature to render it plastic, tilting said support and subjecting the supporting article to rotary movement whereby the article, when plastic, adapts itself to the contour of the support.

3. Apparatus for shaping glass articles comprising a rotary table, a plurality of shaping supports mounted in angularly spaced relation thereon, each of said supports comprising a matrix portion of substantially the surface contour desired in the finished article, a shaft pivotally mounted to the table for carrying said shaping supports, means for rotating the shafts, a series of burners adjacent the rotary table adapted to project the burner flame in the path of travel of the rotary supports, and means responsive to rotary movement of the table to vary the inclination of the shaping supports relative to a vertical axis.

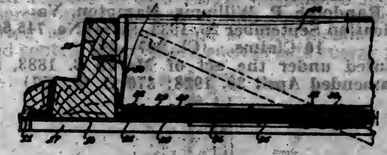
2,106,194
GYROSCOPIC FLUID METER
Emery Frank Stover, Wynnewood, Pa.
Application December 20, 1935, Serial No. 55,219
44 Claims. (Cl. 73—206)



1. A meter comprising a rotatable frame, means for rotating said frame, a gyroscope operatively mounted upon said frame and arranged for producing a gyroscopic force, means operatively associated with the gyroscope for rotating the latter at a speed proportional to the speed of the frame, a member subjected to a variable force and opposed by force produced by the gyroscope, and means associated with said first named means and actuated by said member for controlling the speed of rotation of said frame and arranged for maintaining said forces in balance.

2,106,195
MOTOR VEHICLE
Milton Tibbetts, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application May 1, 1931, Serial No. 535,785
9 Claims. (Cl. 296—44)

1. In a motor vehicle body, a side panel having a flange defining an opening therein, and a window structure having the outer portion formed to fit in and close the panel opening with the exterior face flush in a longitudinal direction with the outer surface of the panel and the inner



portion overlapping the interior end faces of the panel flange.

2,106,196
PROCESS FOR REMOVING AND/OR PREVENTING THE DEPOSITION OF SCALE IN EVAPORATORS
Charles Fitch Weston, Prince George County, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y., a corporation of New York
No Drawing. Application November 25, 1932, Serial No. 644,329
14 Claims. (Cl. 23—102)

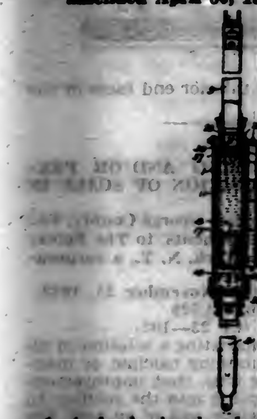
1. In a process for evaporating a solution of an alkali metal nitrate containing calcium or magnesium and bicarbonate ions, that improvement which comprises introducing into the solution to be evaporated an ammonium salt of an acid, the calcium and magnesium salts of which are more soluble than calcium and magnesium carbonate, said salt being in amount in excess of that equivalent to the carbonate present in the solution and heating the liquor to evaporate it in contact with heat transfer surfaces.

2,106,197
AUTOMATIC LIQUID SHUT-OFF DEVICE
Charles W. Wildebour, Olympia, Wash.
Application March 20, 1926, Serial No. 95,651
6 Claims. (Cl. 226—127)



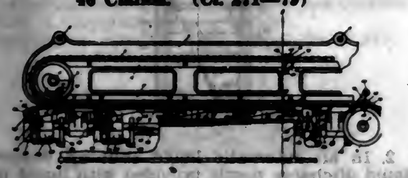
2. In an automatic liquid shut off device, a liquid discharge nozzle provided with liquid passageway means defining a path of flow of liquid therethrough, and having a chamber positioned at one side of the path of flow of the liquid; a liquid shut off device positioned to extend substantially across the open side of the chamber, said liquid shut off device providing a restricted communication between the chamber and the interior of the nozzle when it is in open position, said shut off device being movable into obstructing position as respects said liquid passageway when closed; and means yieldingly holding said liquid shut off device in open position, said liquid shut off device being adapted to be moved by the liquid flowing therethrough into a closed position in response to the entrance of liquid behind said liquid shut off device when the end of the nozzle is submerged in liquid.

2,106,198
AIR METERED SHOCK ABSORBER FOR AIRPLANE LANDING GEARS
Randolph P. Williams, Hampton, Va.
Application September 26, 1934, Serial No. 745,009
10 Claims. (Cl. 267—64)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A shock absorber having, in combination, a cylinder, an elastic medium in the cylinder, a piston movable inwardly of the cylinder for compressing the elastic medium, a mobile non-compressible liquid normally confined between the piston and the elastic medium, and means operating at a predetermined compression of the elastic medium to by-pass the liquid to the outer side of the piston during continued inward travel of the latter.

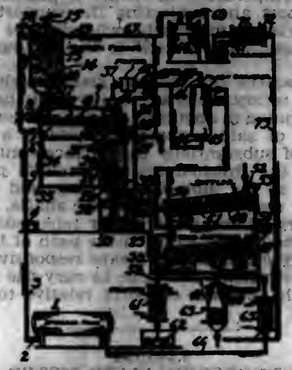
2,106,199
SHEET DELIVERY DEVICE AND METHOD
Arthur Wernaer, Offenbach-on-the-Main, Germany, assignor to Faber & Schleicher, A. G., Offenbach-on-the-Main, Germany, a corporation of Germany
Application August 18, 1933, Serial No. 685,695
In Germany August 31, 1932
46 Claims. (Cl. 271—79)



1. In a sheet delivery device, holding means adapted to seize the sheet at opposite edges thereof, and operating means for depressing said edges at different times.

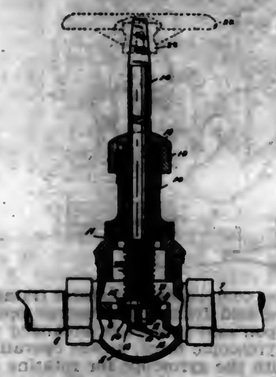
2,106,200
METHOD OF EXTRACTING PERFUME MATERIALS UNSTABLE TO HEAT
Philip L. Young, Westfield, and Peter J. Wiezevich, Elizabeth, N. J., now by judicial change of name Peter J. Gayler, assignors to Standard Oil Development Company, a corporation of Delaware
Application October 3, 1935, Serial No. 43,324
4 Claims. (Cl. 87—28)

1. Method of extracting perfume materials unstable to heat, comprising subjecting matter containing same under pressure to the action of a hydrocarbon solvent having 2-4 carbon atoms, separating the solution from the unextracted matter, subjecting the solution to refrigeration



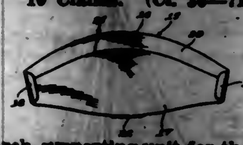
until a separation of phases occurs, separating the phase rich in the hydrocarbon solvent and removing the hydrocarbon solvent therefrom by distillation.

2,106,201
VALVE REFACING TOOL
William Aab, New Ulm, Minn.
Application February 6, 1936, Serial No. 62,622
1 Claim. (Cl. 90—13.5)



In a valve refacing tool, a shaft having a cutter head rigidly secured thereon inwardly of one end thereof, a centering head portion journaled on the end of the shaft beyond said cutter head and comprising, a sleeve having a disk-like portion secured to its outer end, means on the shaft engaging the disk-like portion to hold said sleeve in abutting relation with the active face of the center head, said disk-like portion being of materially less diameter than the passageway through the valve to be refaced and having a circumferential series of radially diverging spring wings, the free ends of which extend toward the active face of the cutter head for angular resilient engagement with the sides of the passageway through the valve, whereby said centering head portion functions to laterally support the cutter head irrespective of any irregularities or roughness in the passageway through the valve as the tool is progressively fed to its work.

2,106,202
ARCH SUPPORT
Charles Abramshaw, Highland Park, Ill., assignor of one-half to Eugene P. Lichtenthal, Chicago, Ill.
Application November 14, 1936, Serial No. 110,902
10 Claims. (Cl. 36—71)



1. An arch-supporting unit for the human foot comprising a resilient upper member and a resilient lower member, the said resilient lower member being arranged below the said resilient upper member and extending throughout substantially less than the entire area or bottom surface of the said upper member but when in position of use making contact throughout substantially its entire upper surface with the bottom surface of said upper member so as to brace the said upper member under and throughout the entire area of the central and outer marginal edge portions of the latter but leaving the same unsupported along the inner marginal edge portion of the same.

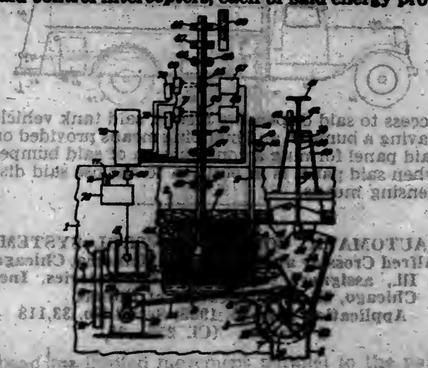
2,106,203
FRAME FOR ADVERTISING CARDS
Marcellus T. Aabe, Garden City, N. Y.
Application June 5, 1937, Serial No. 146,538
3 Claims. (Cl. 40—156)



1. A device of the class described comprising a frame having a closed back and inwardly-extending flanges spaced from the back; a card insertable in said frame; a plurality of elongated clips for holding said card in the frame, each of said clips formed of a strip of metal bent longitudinally upon itself to form a V-shape, the outer edge of one side of each clip bent inwardly towards the other edge, said edges normally spaced from each other by the tension of the metal; and the clips insertable under the flanges of the frame with the bent sides engaging under the flanges.

2,106,204
WASH BOX DISCHARGE CONTROL
Edward J. Burnell and Ward J. Hancock, Chicago, Ill., assignors to Link-Belt Company, Chicago, Ill., a corporation of Illinois
Application January 23, 1935, Serial No. 2,840
11 Claims. (Cl. 209—41.5)

1. In combination in a mechanism, a movable control member, a plurality of energy responsive means adjacent said member, energy projecting means positioned adjacent said member opposite each of said energy responsive means, a plurality of intercepters carried by said member, the number of intercepters being the same as the number of energy responsive means, said control member being adapted to be moved to position said intercepters into and out of the paths of energy from said energy projecting means, and electric control means for said mechanism operatively associated with said energy responsive means arranged to be energized and deenergized in response to energy from said projectors when the intercepters are in non-shielding position with respect to said energy responsive means, whereby the operation of said control means is varied by the movement of said member and said control intercepters, each of said energy projecting means associated with the respective energy responsive means comprising plural sources of energy spaced along the path of movement of said control member and defining the range of movement through which each interceptor is effective to control its associated energy responsive means.



2,106,205
UNIT ABRADING ELEMENT
Kirke W. Conner, Detroit, Mich., assignor to Micromatic Hone Corporation, a corporation of Michigan
Application April 19, 1934, Serial No. 721,264
2 Claims. (Cl. 51—134.5)



1. In a honing tool having a head for carrying an abrading element and means on said head for engaging said abrading element to adjust the same, an abrading element comprising an abrasive stick, a holder for said stick of heat hardenable resin non-injurious to the surface upon which the tool is operating, said holder having one face formed to cooperate with said tool adjusting means and having an end thereof extended beyond the abrasive element for retaining the holder on said tool, said holder being so formed and bonded to the abrasive element during the molding operation.

2,106,206
TANK VEHICLE
Robert W. Crossen, Jr., Plainfield, and Howard Somervell, Evanston, Ill., assignors to Farrell Manufacturing Company, Joliet, Ill., a corporation of Illinois
Application February 11, 1935, Serial No. 6,029
17 Claims. (Cl. 280—5)

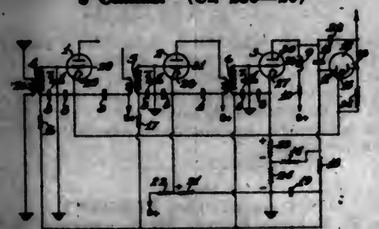
4. In a tank vehicle, the combination of a chassis, a tank body supported on said chassis, dis-

pensing means for said tank body, a skirt disposed adjacent said dispensing means for enclosing said means, said skirt being provided with a movable panel adapted to be moved to permit



access to said dispensing means, said tank vehicle having a bumper, and bumping means provided on said panel forming a continuation of said bumper when said panel is in position to enclose said dispensing means.

2,106,207
AUTOMATIC VOLUME CONTROL SYSTEM
Alfred Crossley and Herbert E. Meinema, Chicago, Ill., assignors to Johnson Laboratories, Inc., Chicago, Ill., a corporation of Illinois
Application July 25, 1935, Serial No. 33,118
8 Claims. (Cl. 250—20)



7. In a radio receiver, plural high-frequency amplifying tubes and a detector-rectifier, means for automatic control of the amplification of at least some of said vacuum tubes, and means whereby one of said controlled tubes acts additionally as a direct-current amplifier to increase the degree of control exerted upon at least one other of said vacuum tubes by said automatic control means.

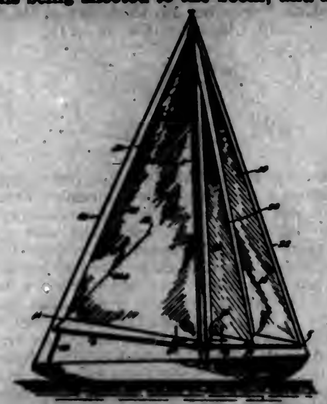
2,106,208
ELECTROLYTIC DEVICE
Paul McKnight Deeley, New York, N. Y., assignor to Cornell-Dubilier Corporation, New York, N. Y., a corporation of New York
Application December 30, 1935, Serial No. 56,595
11 Claims. (Cl. 175—315)



1. The method of preparing electrolytes for use in electrolytic condensers or the like which consists in reacting together a weak acid and polyhydroxyl alcohol and controlling the water content of the reaction product by removing excess reaction water by subjecting the electrolyte mixture to a dry air stream.

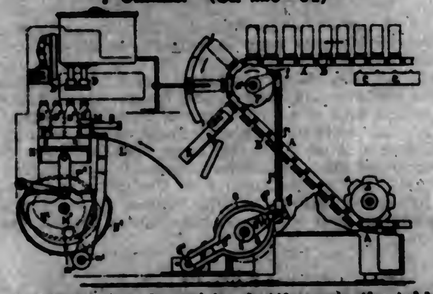
2,106,209
SAILBOAT
Charles Neal Edge, Parsonage Point, Rye, N. Y.
Application September 7, 1935, Serial No. 39,514
4 Claims. (Cl. 114—39)

1. A sailing vessel having a mast and also having a boom which is turnable relative to said mast, sails turnably and directly connected to said mast and also connected to the boom fore and aft of the mast, said sails being turnable in unison with the boom around the axis of the mast, said sails being sheeted to the boom, and a main



sheet connecting the boom to the hull of the vessel, said sails having arched configurations, said sails having their adjacent edges permanently spaced from each other along a line which is parallel to the longitudinal axis of the boom, in all positions of said boom.

2,106,210
MECHANISM FOR RAISING BOTTLES ONTO THE TABLE OF A BOTTLE FILLING AND CAPPING MACHINE
Arthur Guy Enock, Wembley Park, England
Application October 12, 1935, Serial No. 44,650
In Great Britain October 20, 1934
7 Claims. (Cl. 226—94)

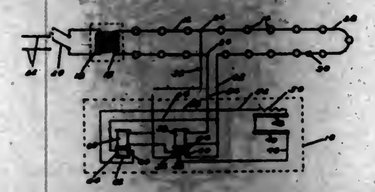


1. Mechanism for raising bottles onto the table of a bottle filling and capping machine comprising a receiving plate, a push bar adapted to reciprocate over the receiving plate, a bell crank lever to impart movement to the push bar, a shock absorbing buffer mounted on the bell crank lever and a stop on the table against which the buffer comes in contact to take up any play in the push bar as it approaches the end of its forward stroke.

2,106,211
ELECTRICAL APPARATUS
Lester W. Geis, Mishawaka, Ind., assignor to South Bend Current Controller Company, South Bend, Ind., a corporation of Indiana
Application October 17, 1935, Serial No. 45,415
17 Claims. (Cl. 176—124)

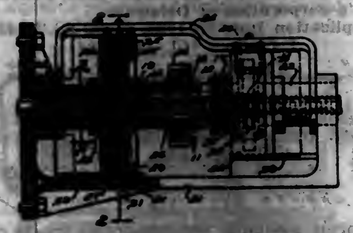
1. A lighting system comprising a source of substantially constant current, a set of vapor

lamps connected in series in a circuit forming a loop connected at its ends to said source, means for short-circuiting a portion of said loop to permit the starting of the remainder of the lamps independently of the short-circuited portion,



means for automatically breaking the short-circuit formed by the first means after a time interval, and means for automatically reestablishing said short circuit if a break occurs in said portion of the loop.

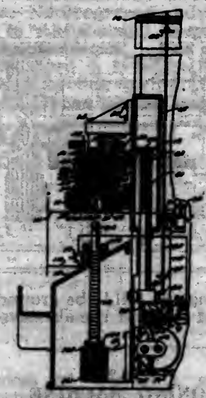
2,106,212
APPARATUS FOR BROACHING AN APERTURE IN AN ARTICLE RELATIVE TO ITS OUTER DIMENSION
Carl J. Halberg, Detroit, Mich., assignor to Colonial Broach Company, a corporation of Michigan
Application April 14, 1932, Serial No. 605,272
5 Claims. (Cl. 90—33)



1. A broaching fixture including, in combination, a bracket for supporting centrally aligned spline bushings, a splined broach slidable through said bushings with lands of bushings disposed in the grooves of the broach for engaging the body portion thereof, means disposed between said bushings for supporting and accurately locating the outer peripheral edge of the work element relative to the broach, and means for drawing the broach through the work element.

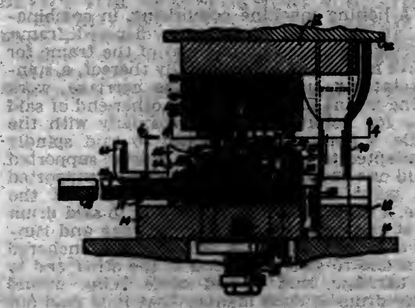
2,106,213
BROACHING MACHINE
Carl J. Halberg, Detroit, Mich., assignor to Colonial Broach Company, a corporation of Michigan
Application April 19, 1935, Serial No. 17,196
9 Claims. (Cl. 90—33)

1. In a machine for operating a tool to be drawn through a work piece, a head constructed to engage and disengage said tool, means for moving said head in a reciprocating path, tripping means for cooperating with said head to cause said head to disengage said tool, and stationary means for supporting said tripping means adjacent the path of movement of said



head for limited movement parallel to the path of travel of said head.

2,106,214
TOOL SUPPORT
John Q. Holmes, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application June 24, 1936, Serial No. 86,996
12 Claims. (Cl. 218—0.5)

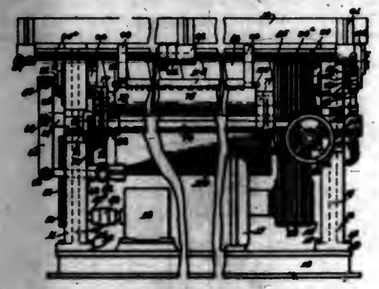


1. A device for heading rivets inserted in parts to be joined comprising, in combination, a locator for the parts and inserted rivets; riveting tools movable longitudinally relative to each other; and confined hard particles against which one end of each tool rests.

2,106,215
ROLL GRINDING MACHINE
Edward Hutchens, Cudahy, Wis., assignor to Utility Manufacturing Company, Cudahy, Wis., a corporation of Wisconsin
Application December 15, 1934, Serial No. 757,620
11 Claims. (Cl. 51—49)

11. A machine for surfacing rollers comprising an elongated grinding roll adapted to receive thereagainst the entire length of a roll to be ground, a feed roll in spaced parallel relation to the abrasive roll, supporting arms for the ends of said feed roll, a shaft keyed to the ends of said arms, means for rotating the feed roll relative to the supporting arms, means for rotating the sup-

porting arms about the shaft for raising and lowering the feed roll, and separate spring urged



means for holding the roll to be ground in the nip between the feed roll and the abrasive roll.

2,106,216
HONING MACHINE
Albert M. Johnsen, Rockford, Ill., assignor to Barnes Drill Company, Rockford, Ill., a corporation of Illinois
Application January 28, 1935, Serial No. 3,714
23 Claims. (Cl. 51—34)



1. A honing machine comprising, in combination, an elongated horizontally disposed frame, a carriage mounted on one end of the frame for relative movement longitudinally thereof, a spindle rotatably supported on the carriage, work holding means supported on the other end of said frame for holding the work coaxially with the spindle, a honing tool attached to said spindle and adapted to enter the work, a drum supported at said one end of the frame, a sheave supported at a point intermediate the two ends of the frame, a cable anchored at one end to said drum and at the other end to said carriage and running over said sheave, a second cable anchored at one end to said drum and at the other end to said carriage, said second cable being wound on the drum in such manner that it is paid out when said first mentioned cable is being wound on the drum, and means for rotating said drum.

2,106,217
MACHINE TOOL
Albert M. Johnsen, Rockford, Ill., assignor to Barnes Drill Co., Rockford, Ill., a corporation of Illinois
Application November 29, 1935, Serial No. 52,105
33 Claims. (Cl. 51—34)



1. A combined honing and lapping machine having a work support and a tool support, means for reciprocating one of said supports, and means operable selectively to impart either a continuous rotary motion to the tool support or a step-by-step rotative movement thereto.

2,106,218
FILTERING APPARATUS
James H. Kriesk, Newark, N. J.
Application April 10, 1936, Serial No. 73,656
6 Claims. (Cl. 210—131)



1. In a filter casing having an inlet and an outlet and a shoulder therebetween, a cover for the casing, a filter bag having its open top folded over to form a loop, an adjustable ring within the loop, a distributor disc over the top of the bag having a depressed tapered portion entering the said bag, and means to force the said disc against the top of the bag and the said top against the shoulder, the said tapered portion of the disc simultaneously spreading the said ring while entering the top of the bag to force the sides of the loop at the top of the bag against a wall of the casing above the said shoulder.

2,106,219
SPRING ASSEMBLY
Howard H. Lanning, Topeka, Kans., assignor to General Steel Castings Corporation, Eddystone, Pa., a corporation of Delaware
Application June 17, 1935, Serial No. 27,026
1 Claim. (Cl. 105—194)



A spring assembly for locomotive trucks comprising a single piece equaliser bar having spaced apart side walls united intermediate of the ends to provide an elongated open top chamber having ends and side walls and provided with inspection and drain openings in said side and bottom walls, while the side walls at the ends of the equaliser bar are united by a transverse tie plate provided with an arcuate journal box top bearing portion, a dished bearing block removably seated in each end of said chamber; a spring in said chamber composed of superposed flat plates secured together intermediate of the ends by an encircling band the top whereof is formed to constitute a fulcrum point for the frame member of the truck; and a roller at each end of said chamber for supporting the spring plates.

2,106,220
BAFFLE GATE BEARING FOR ONE-WAY ROTATION
Albert Law, Jackson Heights, N. Y.
Application September 22, 1936, Serial No. 101,966
1 Claim. (Cl. 188—31)

A bearing for a baffle plate or the like having a shaft carrying a set of arms, comprising a fixed housing, an annular member secured to said

shaft and rotatably held in said housing, two pairs of diametrically opposite channels formed between said housing and said annular member and adapted to receive locking balls, one pair of said channels having a bottom inclined, and being tapered, in a given circumferential direction, the

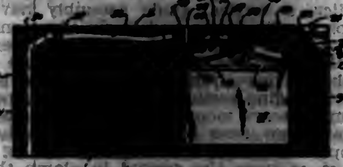


other pair of said channels having a bottom inclined, and being tapered, in the opposite circumferential direction, whereby the positioning of a set of locking balls in either of said pairs of channels will serve to lock said annular member against rotation in one direction only.

2,106,221
PROCESS FOR THE REFINEMENT OF MAGNESIUM AND MAGNESIUM ALLOYS
Alexander Laschkarew, Berlin, Germany
No Drawing. Application January 21, 1937, Serial No. 121,619. In Germany February 3, 1936
2 Claims. (Cl. 75—67)

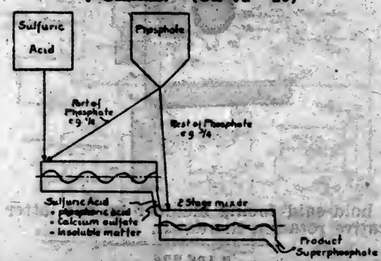
1. A process for the refinement of magnesium and magnesium alloys, comprising in steps: melting the metal which is to be refined; and passing through the molten metal the vapours emitted by an aqueous solution of hydrogen peroxide containing an oxide of manganese.

2,106,222
STORAGE BATTERY
Theodore Matthew, Burlingame, Calif.
Application March 10, 1934, Serial No. 714,973
1 Claim. (Cl. 136—177)



In a storage battery having positive and negative plates, a battery casing having separate compartments for the positive and negative plates as well as a flush cover, connection members between the elements of the battery, all of said members being sunk in the cover to maintain its flush characteristics, said members being extended to one end of the casing to form the battery terminals, an electrolyte in which the plates are immersed and which evolves gases of different characteristics at the positive and negative plates incident to the operation of the battery, and means forming vents connecting to the compartments and leading to the opposite end of the casing from that at which the said terminals and downwardly to the outside of the casing, whereby to conduct said gases to the outside of the casing without intermingling and without contacting said members.

2,106,223
PROCESS FOR THE MANUFACTURE OF SUPERPHOSPHATE
Sven Gunnar Nordengren, Landskrona, Sweden, assignor to Aktiebolaget Kemiska Patenter, Landskrona, Sweden
Application April 4, 1935, Serial No. 14,628
In Sweden April 8, 1934
7 Claims. (Cl. 71—40)



1. A process of preparing superphosphate, which comprises mixing in a first step phosphate rock with sulphuric acid of relatively high concentration in great excess over that required for the decomposition of all the phosphate rock to phosphoric acid, and thereupon reacting in a second step the resulting unseparated mixture of phosphoric acid, sulphuric acid, calcium-sulphate, and undecomposed phosphate rock residue, with enough additional phosphate rock to form monocalcium-phosphate and calcium-sulphate in the ratio found in superphosphate.

2,106,224
DEVICE FOR TRANSFORMING ACOUSTICAL ENERGY INTO ELECTRICAL ENERGY
Harry F. Olson, Collingwood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application November 21, 1933, Serial No. 698,069
5 Claims. (Cl. 179—128)



1. The combination of a hollow structure arranged to produce a magnetic field, a diaphragm having a closed triangular prismatic projection arranged with its apex in said field, and a linear conductor mounted on said apex.

2,106,225
KEYBOARD CAM ACTUATING ROLL FOR TYPESETTING MACHINES
Solomon Rich, Glen Ridge, N. J.
Application March 27, 1936, Serial No. 71,162
4 Claims. (Cl. 199—25)

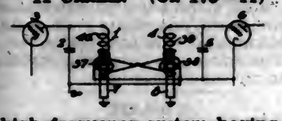
1. A unitary removable facing member for a cam actuating roller shaft of the keyboard mechanism of a typesetting machine comprising, an elastic rubber sleeve and a longitudinally split metallic liner to provide an internal hard and smooth sliding surface contiguous to the bore of said sleeve, said liner being yieldably contracted by the constrictive elasticity of said sleeve to an initial internal diameter somewhat less than the external diameter of said roller shaft but subject to diametric enlargement against the yielding constrictive tension of said sleeve to permit longitudinal sliding of the facing member endwise over the roller shaft, the constrictive tension of said sleeve being operative to contract

said liner into strong frictional engagement with the surface of said roller shaft so as to engage



and hold said facing member on the latter for operative rotation therewith.

2,106,226
COUPLING MEANS FOR PERMEABILITY-TUNED CIRCUITS
William A. Schaper, Chicago, Ill., assignor to Johnson Laboratories, Inc., Chicago, Ill., a corporation of Illinois
Application June 26, 1935, Serial No. 28,436
11 Claims. (Cl. 178—44)



11. A high-frequency system having two resonant circuits each including a capacitor and an inductance coil, a magnetic core movable relatively to each of said inductance coils for tuning said circuits in such a manner that the ratio of inductance to resistance is maintained substantially constant, and means including said cores to so regulate the coupling between said circuits as to maintain substantially constant amplification throughout the tuned frequency band.

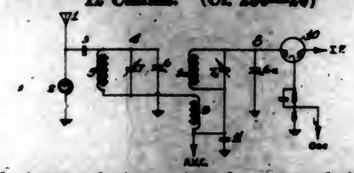
2,106,227
SURFACE TREATMENT OF METAL TO PREVENT LOCALIZED CORROSIVE ATTACK
Charles A. Scharschu and George O. Kiefer, Brackenridge, Pa., assignors to Allegheny Steel Company, a corporation of Pennsylvania
No Drawing. Application April 29, 1935, Serial No. 18,913
16 Claims. (Cl. 148—6.5)

16. A bath for rendering corrosion resistant ferrous alloys immune to localized corrosion or pitting which consists of about 1–20% chromic acid and about .5–5% hydrofluoric acid, the balance being substantially all water.

2,106,228
COLORING AND PROTECTIVE COATINGS
Oskar Schober, Herrnm. Benirk Koeln, Germany, assignor to American Lurgi Corporation, New York, N. Y., a corporation of New York
No Drawing. Application September 6, 1933, Serial No. 688,353. In Germany September 1, 1930
3 Claims. (Cl. 134—76)

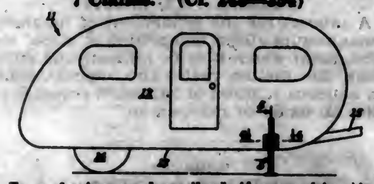
1. A coloring and protective coating composition comprising a vehicle and a pigment suspended therein composed of an intimate mixture of finely ground metallic aluminum and silicon distributed throughout said vehicle in finely divided form, said mixture containing at least 5% of silicon.

2,106,229
PRESELECTOR SYSTEM
Dwight V. Sinsinger, Chicago, Ill., assignor to Johnson Laboratories, Inc., Chicago, Ill., a corporation of Illinois
Application February 11, 1936, Serial No. 63,295
12 Claims. (Cl. 250—20)



1. A pre-selector system for a superheterodyne receiver including a fixed-tuned antenna circuit and a pair of variably tunable resonant circuits, a capacitance connected between said antenna and one of said resonant circuits, means including an inductance for coupling said resonant circuits, variable capacitors for tuning said resonant circuits and adjustable capacitors for aligning said resonant circuits, one of said adjustable capacitors being so connected to said inductance as to increase the discrimination of said system against signals of image frequency.

2,106,230
TRAILER LEG
Lincoln L. Whitson, Van Nuys, Calif.
Application October 17, 1936, Serial No. 106,069
7 Claims. (Cl. 248—354)



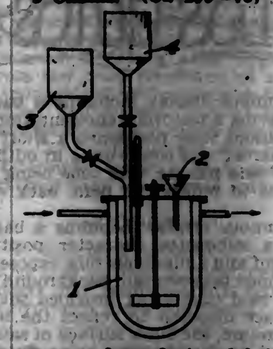
1. In a device as described, the combination of a wall plate having upper and lower grooved guide rims, an abutment on one vertical edge and being open on the other vertical edge, means to secure the wall plate to a vertical surface of a trailer, a vertical guide assembly having a base plate with upper and lower edges engaged in the grooves of the guide rims and insertable from the open side of the wall plate, the guide assembly having a vertical opening, a leg having a foot extending vertically through said opening, a clamping screw mounted on the guide assembly and having an inner end extending into the vertical opening and adapted to engage the leg when the foot contacts the ground to clamp the leg to the guide rims of the wall plate to the side of the trailer.

2,106,231
BICYCLE LAMP
Lee M. Wiley, Marion, Ind., assignor to Delta Electric Company, Marion, Ind., a corporation of Indiana
Application March 27, 1937, Serial No. 133,228
7 Claims. (Cl. 240—7.55)



1. An electric bicycle lamp unit comprising an elongated casing, an elongated substantially cylindrical dry cell holder mounted within said casing longitudinally thereof, and means supporting said dry cell holder in spaced relation to the walls of said casing, said last named means including a longitudinal extension on the rear end of said holder, said extension having an open slot adjacent its rear edge for engagement with a securing means on said casing.

2,106,232
PRODUCTION OF HIGH QUALITY LUBRICATING OILS
Hermann Zorn, Ludwigshafen-on-the-Rhine, and Walter Rosinsky, Oppau, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application October 4, 1933, Serial No. 692,130
In Germany October 15, 1932
5 Claims. (Cl. 196—78)



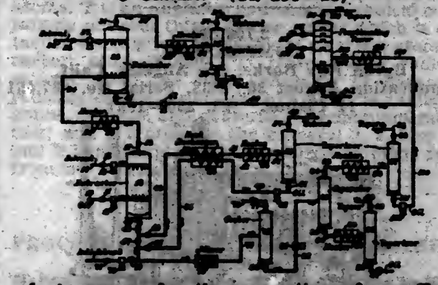
1. The process of producing lubricating oils which comprises incorporating a high molecular weight polymerization product prepared from isobutylene alone, which product when added to a lubricating oil considerably flattens the temperature-viscosity curve thereof, with a hydrocarbon oil capable of undergoing polymerization and acting on the mixture with a condensing agent of the Friedel-Crafts type at a condensing temperature.

2,106,233
PORTABLE DEMAGNETIZER
John T. Beechlyn, Worcester, Mass., assignor to O. S. Walker Co. Inc., Worcester, Mass., a corporation of Massachusetts
Application September 21, 1936, Serial No. 101,773
10 Claims. (Cl. 175—181)



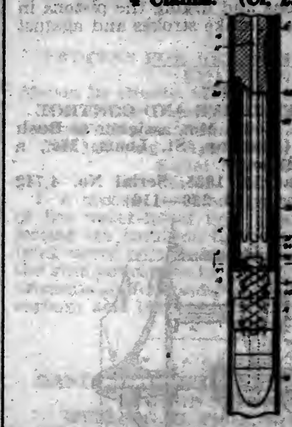
1. In a device for removing residual magnetism, a laminated core, a pole on said core, the outer end of the pole having the contour of a cylindrical arc with the axis of the arc substantially at right angles to the laminating plane, and a winding on said pole for producing an alternating magnetic field beyond the outer end of the pole, said pole contour being adapted to be brought into close proximity with the surface to be demagnetized.

2,106,234
PROCESS FOR SOLVENT EXTRACTION OF OILS
Ulric B. Bray, Palos Verdes Estates, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California
Application February 19, 1934, Serial No. 711,963
5 Claims. (Cl. 196—13)



1. A process for the separation of paraffinic and non-paraffinic fractions from mineral oil containing the same which comprises extracting said oil with a selective solvent, separating the extract phase soluble in said solvent from the raffinate phase insoluble therein, reducing the selective solvent content of said extract phase, then commingling said extract phase with an anti-solvent and separating from said extract phase an intermediate raffinate rendered insoluble in said extract phase by said anti-solvent said intermediate raffinate containing the bulk of said anti-solvent.

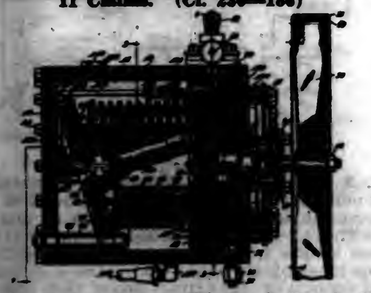
2,106,235
RELEASING SPEAR
Ora A. Brown, South Gate, Calif., assignor to Baash-Ross Tool Company, Los Angeles, Calif., a corporation of California
Application July 30, 1934, Serial No. 737,592
4 Claims. (Cl. 294—86)



1. A well tool including a body adapted to enter a tubular fish, a gripping member on the exterior of the body adapted to be actuated outwardly to grip a fish, and a control for the gripping member comprising an assembly movable on the body adapted to have movement resisting engagement with the fish and related to the gripping element to hold it in a retracted position, and an operative connection between the assembly and body for feeding the assembly

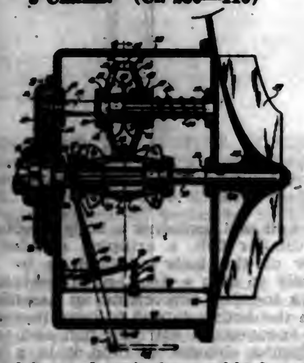
relative to the body to a position where the gripping member is released for actuation, the body having a spiralled thread groove of at least 180° extent, said connection comprising a lug on the assembly cooperating with the groove, the groove having a straight portion for retaining the lug in a position where the gripping member is retracted.

2,106,236
COMPRESSOR
Byron Ray Burke, Los Angeles, Calif.
Application August 30, 1933, Serial No. 687,451
11 Claims. (Cl. 230—136)



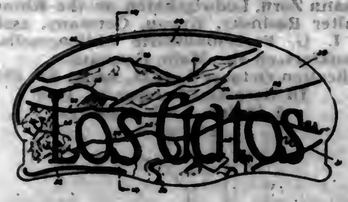
1. A compressor comprising a hollow body, a drive shaft rotatably mounted in the end of the body, means providing a plurality of cylinders in the body arranged about the drive shaft, pistons reciprocable in the cylinders, a flanged gyratory oscillator mounted for conical revolution about a point co-axial with the axis of rotation of the drive shaft, means connecting the oscillator to the drive shaft to be revolved thereby, and transmitters operatively connecting the flange of the oscillator to the pistons so as to cause the pistons to be moved thereby in the direction of their compression strokes, said pistons being flanged, and springs surrounding the cylinders engaging the flanges on the pistons and urging the pistons in the direction of their intake strokes and against said transmitters.

2,106,237
ENGINE BLOWER DRIVE AND CONTROL
Eugene S. Bush, St. Louis, Mo., assignor to Bush Manufacturing Company, St. Louis, Mo., a corporation of Missouri
Application February 4, 1935, Serial No. 4,742
8 Claims. (Cl. 230—116)



1. In a drive and control assembly for a blower or the like, a variable speed transmission through which the blower is driven, a ratio-varying control member associated with the transmission, a device responsive to air pressure, an electromagnet in actuating relation to said control member, and control connections from the air-pressure-responsive device to the electromagnet.

2,106,238
LUMINOUS TUBE DISPLAY
Arthur Clifton Deams, Los Angeles, Calif.
Application October 2, 1936, Serial No. 103,705
11 Claims. (Cl. 40—130)

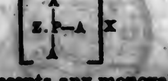


1. A luminous display including a background member having a pictorial representation thereon and a luminous tube positioned a short distance in front thereof and conforming in outline to an element of said picture, said tube being provided with means to reflect the light back onto said picture.

5. A luminous display including a background member, a silhouette character positioned in front thereof and a luminous tube exposed to view and positioned between said background and said character, said tube being provided with a mirrored surface disposed to reflect the light onto said background, the outer surface of said mirroring exposed to the observer being finished in a light color to reflect light incidentally falling thereon to cause the same to blend into said background in appearance when said display is lighted.

2,106,239
PROCESS FOR BREAKING PETROLEUM EMULSIONS
Melvin De Groote, St. Louis, Mo., assignor to The Tret-O-Lite Company, Webster Groves, Mo., a corporation of Missouri
No Drawing. Application March 17, 1937, Serial No. 131,462
7 Claims. (Cl. 196—4)

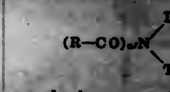
1. A process for breaking petroleum emulsions of the water-in-oil type, which consists in subjecting the emulsion to the action of a cation-active, surface-active substance of the formula type:



in which Z represents any monovalent hydrocarbon radical having at least six carbon atoms; AAA represents at least one hydrocarbon radical, and not more than three hydrocarbon radicals which replace three hydrogen atoms of the phosphonium radical; said hydrocarbon radicals being selected from the class consisting of monovalent hydrocarbon radicals, divalent hydrocarbon radicals, and trivalent hydrocarbon radicals, with the proviso that the total valency value of AAA shall be 3; and X represents a non-surface-active negative radical or component, the total number of carbon atoms represented in AAAZ being not over thirty-five.

2,106,240
PROCESS FOR BREAKING PETROLEUM EMULSIONS
Melvin De Groote, St. Louis, and Bernhard Keiser, Webster Groves, Mo., assignors to The Tret-O-Lite Company, Webster Groves, Mo., a corporation of Missouri
No Drawing. Application April 2, 1937, Serial No. 134,660
15 Claims. (Cl. 196—4)

1. A process for breaking a petroleum emulsion of the water-in-oil type, which consists in subjecting the emulsion to the action of a demulsifying agent comprising a chemical compound of the formula type Y.X, in which Y denotes a residue derived from an amide of the formula:



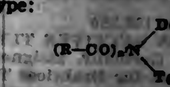
in which n and n' represent the numerals one or two, D is a hydrocarbon radical; and T represents a non-ionizable hydrogen atom equivalent, selected from the class consisting of a hydrogen atom, a monovalent hydrocarbon radical, and a hydroxylated hydrocarbon radical having not more than two hydroxyl radicals as a part thereof; and R—CO represents the acyl radical of a detergent-forming carboxy acid; and X is a residue derived from a polybasic carboxy acid of the type:

$$B(COOZ)_{n''}$$

in which n'' denotes a numeral at least as great as 2 and no greater than 3, B denotes the polybasic carboxy acid residue, and Z represents an ionizable hydrogen atom equivalent.

2,106,241
PROCESS FOR BREAKING PETROLEUM EMULSIONS
Melvin De Groote, St. Louis, Mo., assignor to The Tret-O-Lite Company, Webster Groves, Mo., a corporation of Missouri
No Drawing. Application April 10, 1937, Serial No. 136,189
11 Claims. (Cl. 196—4)

1. A process for breaking a petroleum emulsion of the water-in-oil type, which consists in subjecting the emulsion to the action of a demulsifying agent comprising an amide of the formula type:



in which n and n' represent the numerals one or two, D is a hydrocarbon radical; and T represents a non-ionizable hydrogen atom equivalent selected from the class consisting of a hydrogen atom, a monovalent hydrocarbon radical, and a hydroxylated hydrocarbon radical having not more than two hydroxyl radicals as a part thereof; and R—CO represents the acyl radical of a detergent-forming carboxy acid.

2,106,242
PROCESS FOR BREAKING PETROLEUM EMULSIONS
Melvin De Groote, St. Louis, Mo., assignor to The Tret-O-Lite Company, Webster Groves, Mo., a corporation of Missouri
No Drawing. Application June 21, 1937, Serial No. 149,470
10 Claims. (Cl. 196—4)

1. A process for breaking petroleum emulsions of the water-in-oil type, which consists in subjecting the emulsion to the action of a demulsifying agent of the formula type:

$$(X)_n.R.T.D$$

where R represents an aromatic nucleus; X represents an alkyl radical having at least three carbon atoms and not more than sixteen carbon atoms; T is an aliphatic hydrocarbon radical containing not over thirty carbon atoms which is attached directly to R by means of a carbon atom to carbon atom linkage; D represents a radical selected from the class consisting of hydroxyl radicals, carboxyl radicals, sulfonic acid radicals, amine radicals, and quaternary ammonium radicals; and n represents the numeral 1, 2, 3 or 4; and R is additionally characterized by being free from any other substituents.

2,106,243
PROCESS FOR BREAKING PETROLEUM EMULSIONS
Melvin De Groote, St. Louis, Mo., assignor to The Tret-O-Lite Company, Webster Groves, Mo., a corporation of Missouri
No Drawing. Application June 21, 1937, Serial No. 149,472
10 Claims. (Cl. 196—4)

1. A process for breaking petroleum emulsions of the water-in-oil type, which consists in subjecting the emulsion to the action of a demulsifying agent comprising a compound of the formula type:

$$R.COO.T(OH)_n.(SO_2Z)$$

in which R.COO is a carboxy acid radical derived from a detergent-forming carboxy acid; $T(OH)_n$ is a residue derived from a polyhydric alcohol of the kind which in unaltered form contains at least three hydroxyl groups; n is the numeral 1, 2 or 3; and SO_2Z is the typical sulfonic acid radical in which Z represents an ionizable hydrogen atom equivalent.

2,106,244
PROCESS FOR BREAKING PETROLEUM EMULSIONS
Melvin De Groote, St. Louis, Mo., assignor to The Tret-O-Lite Company, Webster Groves, Mo., a corporation of Missouri
No Drawing. Application June 21, 1937, Serial No. 149,475
15 Claims. (Cl. 196—4)

1. A process for breaking petroleum emulsions of the water-in-oil type, characterized by subjecting the emulsion to the action of a demulsifying agent comprising a chemical compound of the kind obtainable by esterification of an alkylol aromatic sulfonamide by means of a polybasic carboxy acid body.

2,106,245
MANUFACTURE OF NEWSPAPER SOUND RECORD SUPPLEMENTS
William G. H. Finch, New York, N. Y.
Original application April 28, 1936, Serial No. 75,851. Divided and this application November 28, 1936, Serial No. 113,168
10 Claims. (Cl. 101—32)

1. The method of producing a newspaper supplement sound record sheet which consists in forming a master positive grooved record of sounds to be reproduced; making a negative record containing projections corresponding to the grooves of said positive record; forming a

curved platen containing a replica of said negative record projections; and rolling the platen



upon the supplement sheet to form a grooved impression thereon corresponding to the sounds to be reproduced.

2,106,246
WADDING
Charles A. Fournace, Appleton, Wis., assignor to Paper Patents Company, Neenah, Wis., a corporation of Wisconsin
Application November 20, 1935, Serial No. 50,712
7 Claims. (Cl. 154—54)



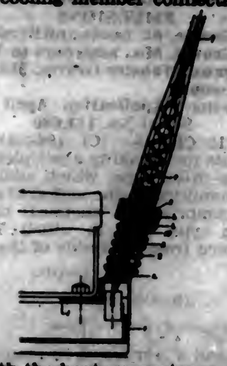
1. Wadding comprising a plurality of plies of creped tissue superposed to form the desired wadding thickness, and means uniting said plies comprising a plurality of spaced, embossed portions of relatively small area which are so proportioned and so arranged that said embossed wadding is of substantially uniform thickness throughout its entire area.

2,106,247
IMPROVED LUBRICANTS AND METHODS OF MANUFACTURING THE SAME
Anthony H. Gleason, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application June 21, 1932, Serial No. 618,473
15 Claims. (Cl. 87—9)

1. A composition of matter comprising a viscous lubricating oil containing waxy constituents and a small quantity of a high boiling polymer produced by the reaction of an aliphatic oxygen-containing compound with an unsaturated hydrocarbon chain of at least 10 carbon atoms and selected from the class consisting of esters and acids on the one hand, and on the other cyclic compounds selected from the class consisting of aromatic hydrocarbons, their hydrogenated, alkyl, oxy, hydroxy, nitro and amino derivatives.

2,106,248
CABLE MOUNTING FOR ELECTRICAL APPARATUS
Mats Hedlund, Stockholm, Sweden
Application June 13, 1935, Serial No. 26,426
In Sweden August 18, 1933
2 Claims. (Cl. 219—25)

1. A cable mounting for electric heating apparatus comprising a coupling box, a cable secured at one end in said coupling box and gradually increasing in diameter towards the coupling box, the wires in the cable having extensions extending between the coupling box and the heating apparatus and having the pitch of their screw line decreasing gradually towards the coupling box, and a cooling member connecting the coupling box with the heat apparatus and surrounding said extensions.



2,106,249
FLAME SENSITIVE CURRENT CONTROLLING ARTICLE
Charles C. Hower, Cleveland, Ohio, assignor to The Cosmo Laboratories Company, Cleveland, Ohio, a corporation of Ohio
Application September 27, 1933, Serial No. 691,199
14 Claims. (Cl. 201—76)



1. A flame sensitive current controlling article arranged within a space normally occupied by a flame and comprising a material which is normally electrically non-conducting, which becomes electrically conducting when placed within a flame, and which upon removal of the flame reverts to a non-conducting condition by the action of atmospheric gases on it, and means for sustaining its temperature, after the removal of the flame, at a sufficient degree and for a sufficient period of time to permit its reaction with atmospheric gases to result in its reversal to the non-conducting form.

2,106,250
TELEVISION RECEIVER TUBE
Max Knoll, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application July 14, 1934, Serial No. 735,006
In Germany July 31, 1933
1 Claim. (Cl. 250—27.5)



In a cathode ray tube the combination comprising means to develop an electron beam, a first

pair of deflecting plates, a second pair of deflecting plates positioned angularly with respect to the first pair of plates, said second pair of deflecting plates having a width greater than twice the sum of the maximum distance of the axis of the electron beam when deflected from the axis of the tube and half the diameter of the electron beam whereby the expanse of the field set up by the second pair of plates is substantially greater than the field set up by the first pair of plates.

2,106,251
WINDOW STRUCTURE
Frank G. Ludwig, Lockport, Ill.
Application February 24, 1937, Serial No. 126,966
5 Claims. (Cl. 20—56.5)



1. A window structure as described, comprising spaced panes fused together at the edges, said space being evacuated, and said panes having inner surfaces thereof provided with shatterproof material.

2,106,252
DENTAL TOOL
Vincent J. Lasagna, Brooklyn, N. Y.
Application December 31, 1936, Serial No. 118,557
7 Claims. (Cl. 32—17)



1. A dental impression wax holder comprising a handle, a slide member in pivotal connection with the handle, a holder for engagement with the slide member, and a cylindrical member mounted on the holder for retaining wax and adapted to surround a tooth to permit taking an impression of the cavity thereof.

2,106,253
INTERMEDIATE-FREQUENCY COUPLING DEVICE
Charles C. Neighbors and Herbert R. Mclaughlin, Chicago, Ill., assignors to Johnson Laboratories, Inc., Chicago, Ill., a corporation of Illinois
Application November 11, 1933, Serial No. 697,551
9 Claims. (Cl. 178—44)



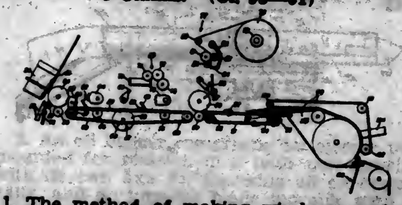
5. In a band-pass filter, a coupling device including a first winding and a second winding, a cylindrical compressed comminuted ferromagnetic core for each of said windings, said cores being in spaced relation with their axes intersecting at right angles, and means for axial adjustment of the position of one of said windings relative to the other of said windings to secure a desired degree of inductive coupling between said windings.

2,106,254
VANITY MIRROR DEVICE
Joseph O. Newell, Los Angeles, Calif.
Application May 8, 1937, Serial No. 141,461
4 Claims. (Cl. 88—97)



3. A vanity mirror device comprising a casing containing illuminating means having a lamp exposed at the front of the casing adjacent one end thereof, a frame pivoted exteriorly of the casing on the rear wall thereof and at the end of the casing adjacent the lamp and movable in a plane parallel to the plane of the casing to occupy folded and extended positions, a mirror secured to the inner side of the frame for occupying a position between the frame and the back of the casing when the frame is in folded position, a sheet of soft material secured to the outer face of the rear wall of the casing and positioned for wiping contact by the mirror when the frame and mirror are moved to folded and extended positions, the mirror when extended being positioned to receive the illuminated reflection of the face of the user with the casing constituting a hand grip, and the frame being outwardly offset relative to the pivoted end thereof on the casing to provide a space for the mounting of the mirror and sheet of soft material.

2,106,255
ENVELOPE MACHINE
Abraham Novick, Flushing, N. Y., assignor to F. L. Smithe Machine Co., Inc., New York, N. Y., a corporation of New York
Application November 20, 1933, Serial No. 644,765
5 Claims. (Cl. 93—61)



1. The method of making window envelopes which comprises separating whole blanks successively from a stack, individualizing the separated blanks, cutting window openings in the individualized blanks, applying window patches to the individualized blanks, feeding the blanks di-

rectly into fanned-out relation and gumming the sealing flaps of the fanned-out blanks.

4. In an envelope making machine, the combination of means for removing blanks from a stack, means for delivering them face down to a conveyor, means co-operating with the conveyor to individualise the blanks while face down, instrumentalities for successively operating on each blank while face down, means for re-arranging the blanks in fanned-out relation while maintaining them face down, and means for thereafter operating upon the fanned-out blanks.

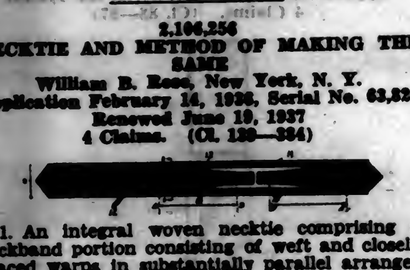
2,106,256
NECKTIE AND METHOD OF MAKING THE SAME
William B. Rose, New York, N. Y.
Application February 14, 1936, Serial No. 63,826
Renewed June 19, 1937
4 Claims. (Cl. 139—384)

1. An integral woven necktie comprising a neckband portion consisting of weft and closely spaced warps in substantially parallel arrangement, a knot forming portion consisting of weft and gradually diverging continuations of the neckband warps, and an end portion gradually increasing in width and the warps of the neckband and knot forming portions in parallel and spread relation, and additional warps at opposite sides of the parallel continuations of the warps of the neckband and knot forming portions.

2,106,257
FILTER FOR FILTER TYPE RESPIRATORS
Nathan Schwartz, New York, N. Y.
No Drawing. Application October 3, 1936, Serial No. 103,905
8 Claims. (Cl. 252—2)

6. A process for increasing the efficiency of porous filtering material for filter type respirators, comprising steps of impregnating the material with an acidified solution of a proteolitic enzyme then impregnating the material with a dilute colloidal solution of silver, and then heating at 350 to 550 degrees centigrade.

2,106,258
FIFTH WHEEL
Carl G. Seyferth, Muskegon, Mich.
Original application March 3, 1937, Serial No. 129,599. Divided and this application April 22, 1937, Serial No. 138,523
6 Claims. (Cl. 280—33.1)



1. In a trailer vehicle, fifth wheel mechanism mounted on said trailer and convertible to use with male or female coupling mechanism on a tractor, comprising a plate member mounted on said trailer for longitudinal movement relative thereto, a king pin mounted on said plate member for movement between operative and inoperative positions, and means mounted on said plate member for engaging the male portion of a tractor coupling mechanism when said king pin is in inoperative position and for locking said king pin in operative position to be engaged by female coupling mechanism on a tractor.

2,106,259
COATED ALUMINUM PRODUCT
Otto Steckmar, Hanover, Germany, assignor to Vereinigte Leichtmetallwerke G. m. b. H., Hanover-Linden, Germany, a corporation of Germany
No Drawing. Application July 24, 1936, Serial No. 92,269. In Germany July 25, 1935
5 Claims. (Cl. 29—181)

1. As a new article of manufacture having high tensile strength and high corrosion resistance, a composite aluminum article comprising a base element of aluminum alloy containing copper and a welded coating of a magnesium-aluminum alloy substantially devoid of zinc and containing more than about 6% to about 13% of magnesium said composite article having substantially the same tensile strength per unit of cross section as the uncoated base element.

2,106,260
TRIMMING
William F. Thumm, Lombard, Ill.
Application July 19, 1937, Serial No. 154,248
3 Claims. (Cl. 30—74)



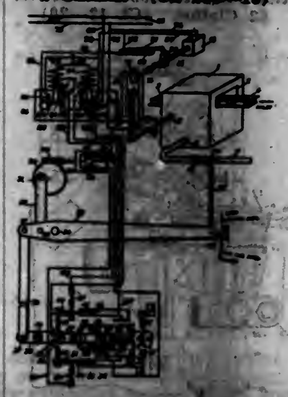
1. A trimming comprising a body member having finished outer surfaces, a plurality of spaced wide cleats permanently attached to the inside surfaces of said body member, said cleats having sharpened edges adapted to be pressed into an object to be trimmed so as to hold the trimming to said object without being visible on the outer surfaces of the body member of said trimming.

2,106,261
METHOD OF FIXING AND PRESERVING GROSS ANATOMICAL SPECIMENS AND THE LIKE
John A. Waldmann, Chicago, Ill.
Application November 30, 1936, Serial No. 113,501
27 Claims. (Cl. 25—30)



24. A gross anatomical specimen consisting of a rigid mass of thoroughly dehydrated dead animal or human tissues saturated with a mass of transparent dry lacquer.

2,106,262
AUTOMATIC CONTROL SYSTEM
Christian Wiltgen, Philadelphia, Pa., assignor, by mesne assignments, to Automatic Temperature Control Co., Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application April 8, 1932, Serial No. 604,684
2 Claims. (Cl. 236—15)



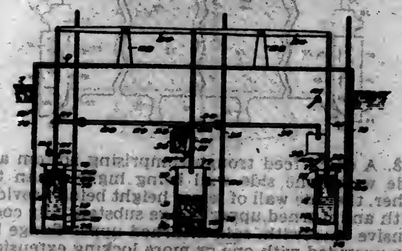
1. In a system of a furnace temperature regulator operating on a fuel supply, a valve in said fuel supply, a motor operating said valve and controlled in its movements by a limit switch consisting of two outside fixed switch contacts and a center ratchet operated floating normal contact assembly, electric contacts responsive to temperature changes in the furnace, electric relays wired to an interrupter operative in response from the temperature responsive contacts in combination with electric inter-wiring to operate through said limit-switch, the said motor and valve, the system arranged to subject the valve to cycles of oscillations, the ratchet contact assembly operative to vary the effective length of strokes of each part of a cycle.

2,106,263
COOLING CABINET
Henry G. Winter, St. Louis, Mo., assignor to Anheuser-Busch, Incorporated, St. Louis, Mo., a corporation of Missouri
Application August 24, 1936, Serial No. 97,577
3 Claims. (Cl. 62—96)



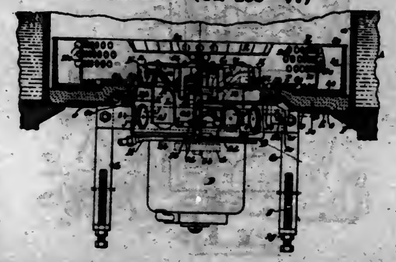
1. A cooling cabinet for retail establishments, consisting of an insulated casing having a top, a bottom and side walls, a coil structure on the interior of the cabinet extending around the side walls of same and arranged so as to form in effect a lining for a food or bottle receiving space, said coil structure being composed of a continuous outer pipe, adapted to hold a non-circulating cooling medium, and a continuous inner pipe arranged inside of said outer pipe in spaced relationship with the same, and adapted to hold a circulating refrigerating medium, transverse partitions inside of the cabinet that divide said food or bottle space into a plurality of compartments, the ends of said partitions being rigidly fastened to the coil structure to support and secure the same in position, and removable closures in the top wall of the cabinet that provide access to said compartments.

2,106,264
WATER MOTOR
Steve Anastasakis, Clarksburg, W. Va.
Application July 16, 1936, Serial No. 90,986
4 Claims. (Cl. 103—55)



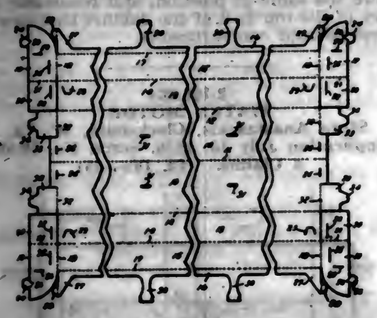
1. A fluid motor comprising a plurality of piston and cylinder assemblies, certain of which are of different weights and capacities; four-to-one leverage connections to said assemblies and connected with the pistons; tanks associated with said leverage connections; a fluid tight receptacle in which said parts are located and having fluid intake ports communicating with a source of fluid supply, and valve means carried by said receptacle for controlling inflow of fluid from said ports and discharging to said tanks and to one of said cylinder and piston assemblies, and means whereby said valves are periodically and separately opened and closed to admit measured quantities of fluid to said tanks and said piston and cylinder assembly to actuate the various parts of the motor.

2,106,265
OIL BURNER
Oscar J. Appel, Paterson, N. J.
Application March 31, 1934, Serial No. 718,252
7 Claims. (Cl. 158—77)



2. An oil burner comprising an ejector nozzle mounted for rotation in a path non-coincident with its own axis for throwing off oil centrifugally, and an impeller blade movable with said ejector nozzle, said blade extending in substantially the axial plane of the ejector end of said nozzle at an angle to the path of rotation of the nozzle end and said blade having an opening therethrough beyond the ejector end of said nozzle.

2,106,266
CHICK FEED TROUGH
Russell O. Bate, Macedonia, Ohio
Application April 5, 1937, Serial No. 134,967
11 Claims. (Cl. 119—61)



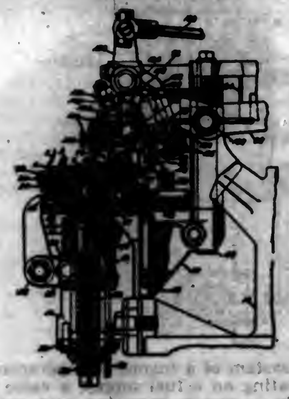
8. A chick feed trough comprising bottom and side walls, one side wall being higher than the other, the side wall of lesser height being provided with an inturned upper flange substantially coextensive therewith, said inturned upper flange being provided with one or more locking extensions each extending inwardly and passing through and locked with said higher side wall and integral means closing the ends of said trough.

2,106,267
MACHINE FOR USE IN THE MANUFACTURE OF WOVEN MATERIAL
Earl A. Beeman, Marblehead, and Charles H. Pegin, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application August 11, 1936, Serial No. 95,486
28 Claims. (Cl. 66—1)



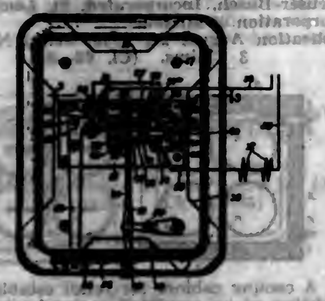
1. A machine for use in the manufacture of woven material comprising members for tucking an end portion of a strip of material through slits in a sheet of material and alternately from one surface to the other of said sheet of material, and means operating in timed relation to the tucking members to draw the strip successively through said slits, thereby to secure an interwoven effect of the strip and sheet material.

2,106,268
FOLDING MACHINE AND METHOD OF COVERING INSOLES TO WHICH SAID MACHINE MAY BE APPLIED
Frederic E. Bertrand, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application May 15, 1936, Serial No. 79,940
62 Claims. (Cl. 12—36)



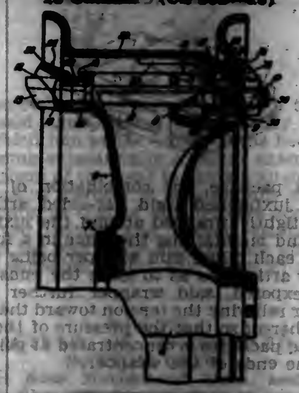
1. In a machine for folding over the edge of a ribbed insole sheet-material secured to the opposite surface thereof, a vertically movable support for the tread-surface of the insole, means movable vertically with the support for pressing the material against the edge of the insole, and means movable by the operator to control the pressure-movement.

2,106,269
CONTROL DEVICE
Joseph E. Brennan, West Chicago, and Frank J. Korber, Chicago, Ill.; said Korber assignor to said Brennan
Application May 2, 1931, Serial No. 534,644
Renewed November 25, 1937
8 Claims. (Cl. 200—122)



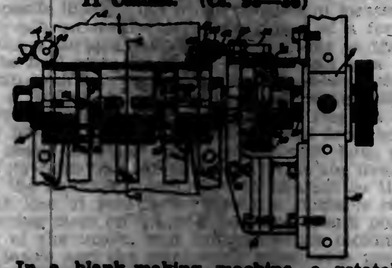
1. A control device comprising a pair of switches, thermostatic control means for each of said switches including heating elements controlled by their respective switches, a shunt circuit to each switch around the heating element of the switch arranged to be electrically connected to the heating element only when its switch is closed, and means for varying the relative resistances of said heating element circuits and said shunt circuits.

2,106,270
Frederick W. Burgett, Niles, Mich., assignor to Clark Equipment Company, Buchanan, Mich., a corporation of Michigan
Application August 10, 1936, Serial No. 95,506
13 Claims. (Cl. 293—43)



1. In combination, a wheel spider having a plurality of radially extending spokes, a pair of oppositely extending sockets at the ends of each of said spokes, a bolt having double-walled support in said spoke end and having clamping lugs carried at its ends within said sockets and outwardly of said support, and a collar on said bolt for holding one of said lugs in fixed position on said spoke and when only a single rim is mounted on said wheel spider.

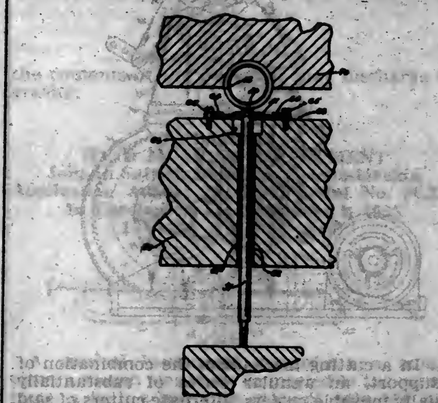
2,106,271
STAY-PLAITING MECHANISM FOR BLANK-MAKING MACHINES
Robert M. Dallas, Beverly, Mass., assignor to Heagus-Sprague Corporation, Lynn, Mass., a corporation of Massachusetts
Application July 22, 1936, Serial No. 91,883
11 Claims. (Cl. 12—36)



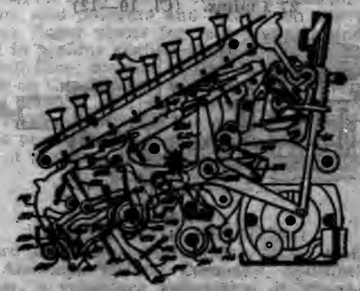
1. In a blank-making machine, a rotatable member provided with a portion arranged to act upon the edge of an assembly of shell-material carrying along said edge a projecting loop of thinner material to depress the projecting loop and with portions arranged to guide the assembly with negligible lateral play for such depression.

2,106,272
SHOCK ABSORBER
George W. Mercy, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 15, 1936, Serial No. 90,846
4 Claims. (Cl. 213—10)

1. The method of assembling the highly polished piston rod of a hydraulic shock absorber without marring its polish, said rod having a reduced end, which consists of pushing the reduced end of said rod through the central aperture of a relative thin disc, supporting said rod and disc upon a rigid electrode having an insulating sleeve so that the disc electrically engages the electrode, and the rod is insulatingly supported within the sleeve against transverse movement, fitting a ring upon a movable electrode and by actuating said movable electrode, pressing the ring into engagement with the end of the rod protruding from the disc while maintaining the rod longitudinally immovable and causing electric current to flow from one electrode to the other through the ring, rod end and disc whereby adjacent contacting surfaces of said ring, rod and disc are fused and welded together.

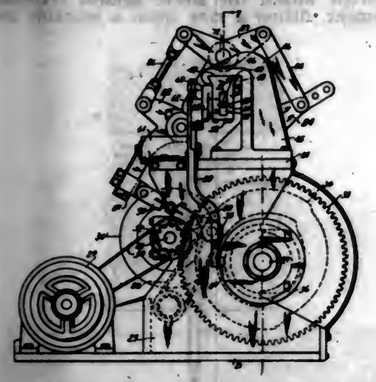


2,106,273
REGISTER
Howard Moffat Fleming, West Orange, N. J., assignor to Gardiner Company, Orange, N. J., a corporation of Delaware
Application December 4, 1936, Serial No. 114,172
11 Claims. (Cl. 235—60)



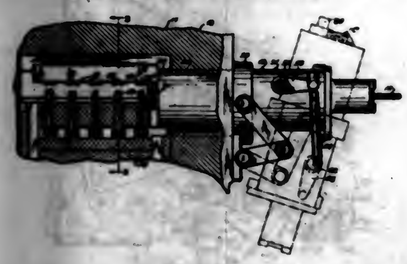
1. In a register, numeral wheels, crawl tens transfer mechanism between said wheels, overdraft signifying segments on said wheels each extending over a plurality of peripheral digit places, and devices adapted to sense the location of one or more higher order wheels at zero registering position and to cooperate each with a segment of next adjacent lower order to signify an overdraft.

2,106,274
APPARATUS FOR CUTTING BAR STOCK
Lee A. Frayer and Carl L. Harvey, Kent, Ohio, assignors to The Lamson & Sessions Company, Cleveland, Ohio, a corporation of Ohio
Application December 22, 1933, Serial No. 703,536
11 Claims. (Cl. 164—57)



1. In a cutting mechanism the combination of a support, an annular series of substantially radially movable cutters, alternate cutters of said series constituting one set and the intermediate cutters constituting another set, a plurality of rocker arms on said support, means connecting the cutters of said one set with corresponding ends of the respective rocker arms and the cutters of the other set with the opposite ends of the respective rocker arms, and means for moving said rocker arms in one direction to cause converging of the cutters of one set and in the opposite direction to cause converging of the cutters of the other set to thereby actuate said sets of cutters.

2,106,275
FEED AND CUT-OFF MECHANISM
Lee A. Frayer, Kent, Ohio, assignor to The Lamson & Sessions Company, Cleveland, Ohio, a corporation of Ohio
Application February 27, 1936, Serial No. 66,105
27 Claims. (Cl. 10—12)



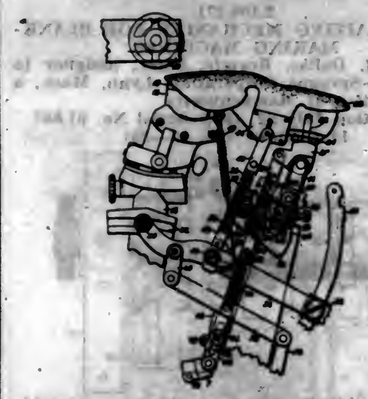
1. In a feeding device, a support, a gripping element having an opening through which a bar of stock may extend, said opening being shaped to grip the bar upon tilting of the element relative thereto, and means mounting said element on said support comprising pivot means permitting swinging of the element transversely to the axis of the bar and hinge means permitting tilting of the element.

2,106,276
MULTIPLE ARTICLE PACKAGE AND METHOD
Arthur S. Heinemann, Los Angeles, Calif.
Application June 1, 1934, Serial No. 728,472
Renewed June 22, 1937
17 Claims. (Cl. 206—65)



1. In a package, the combination of a plurality of juxtaposed rigid flat-sided articles, a wrapper tightly wrapped around the juxtaposed articles and maintaining the same in a fixed relation to each other, said wrapper being shorter than the articles so as to leave the ends of the articles exposed, said wrapper further having means for relieving the tension toward the middle portion thereof so that the pressure of the wrapper on the packages is concentrated at points adjacent the ends of the wrapper.

2,106,277
MACHINE FOR PRESSING THE BOTTOMS OF SHOES
Fred L. Mooney, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application April 15, 1936, Serial No. 74,553
In Germany February 27, 1936
17 Claims. (Cl. 12—34)



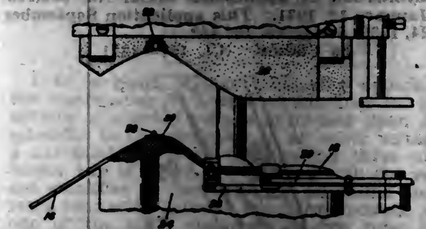
1. In a machine for pressing the bottoms of shoes, the combination with means for applying pressure progressively along the bottom of a shoe on a last, of a shoe support comprising a toe rest and a spindle for engaging the heel end of the last in its spindle hole, said spindle being mounted for tipping movements in directions toward and from the toe rest, a saddle for transmitting the pressure of said pressure-applying means to the shoe, means for forcing said saddle against the bottom of the shoe, and a locking device arranged to permit the spindle to tip toward the toe rest as the saddle is forced against the shoe but to act independently of the saddle to lock the spindle positively against reverse tipping movement in the pressure-applying operation.

2,106,278
SCREW LOCKING MEANS
Martin H. Redmer, Chicago, Ill.
Application February 29, 1936, Serial No. 66,269
2 Claims. (Cl. 151—32)



1. A screw comprising a head and a threaded shank, said head having substantially flat recesses which join at the center of the head, each recess being substantially a sector extending to the periphery of the head to provide an open end, and a locking member of substantially the same cross section as that of said recesses adapted to be inserted therein and wedged against their walls and the wall of the member into which said screw is threaded to lock said screw in position.

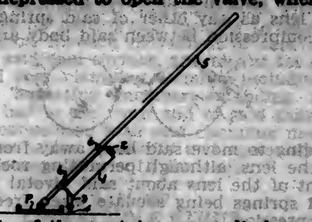
2,106,279
MANUFACTURE OF REINFORCED SHOE BOTTOM UNITS
Simon G. Ross, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application July 21, 1934, Serial No. 735,673
4 Claims. (Cl. 12—146)



1. That improvement in methods of making composite insole units which consists in locating a jig-pin adjacent to the break line of a form having a surface contour corresponding to that of the heel seat, the shank and the ball area of a high-arch last, forming a jig-hole in an insole and a jig-hole in a molded metallic shank-stiffener at points corresponding to the location of said jig-pin, laying the insole on said form and the shank-stiffener on the insole with both of said jig-holes on said jig-pin to locate the insole and the shank-stiffener in true relation to the break line of said form, laying a moldable reinforcing piece on the heel seat and shank portion of the insole, and simultaneously molding the insole and the reinforcing piece with pressure against the form and securing one to the other while the interposed shank-stiffener and the insole are maintained by said jig-pin in true relation to the break line of said form.

2,106,280
DISPENSING DEVICE
Karl Sandhop, Flushing, N. Y.
Application June 12, 1936, Serial No. 84,846
4 Claims. (Cl. 91—35)

1. In a device of the type described the combination comprising an applicator having a handle, a container mounted on said handle, and a valved spout secured to said container and arranged to engage the valve with the surface on which the applicator rests when the handle thereof is depressed to open the valve, whereby



the contents of the container may discharge by gravity.

2,106,281
WIND MUSICAL INSTRUMENT
Johann Sattler, Bohemia, Czechoslovakia
Application August 15, 1936, Serial No. 96,273
In Czechoslovakia November 1, 1935
1 Claim. (Cl. 84—389)



A musical instrument comprising a mouth piece, a mouth piece tube connected to the mouth piece, a bell, a bell tube integral with the bell and including upper and lower runs and a curved connecting portion and having the upper run paralleling the mouth piece tube, a draw connected to the mouth piece tube and including upper and lower runs and a connecting portion and having the lower run aligning with the lower run of the bell tube, valve casings and one of said valve casings connected to the lower run of the bell tube and with the valve casing connected to the lower run of the draw, tubes connecting the valve casings and located in a plane with the lower runs of the bell tube and the draw, a series of draws connected to the valve casings and each varying as to length and all shorter than the first-named draw, valve elements having passages mounted in the valve casings for oscillatory movement, vertically arranged plungers operatively connected to the valve elements for oscillating the latter during the reciprocation thereof, vertical guides for supporting said plungers and formed on the valve casings, finger pieces for said plungers and located in a plane slightly above the upper run of the bell tube, springs located in the guides for acting on the plungers for urging the valves into closed position, said valve casings being disposed transversely relative to the draws, bell tube and mouth piece tube and in a plane above the lower runs of the first-named draw and the bell tube.

2,106,282
OPHTHALMIC MOUNTING
Edward M. Splaine, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application September 21, 1934, Serial No. 744,917
14 Claims. (Cl. 88—47)

1. In an ophthalmic mounting, a lens, a lens strap having a body portion and a pair of arms to extend along opposite sides of the lens, means extending through the lens and arms for pivotally connecting the strap to the lens, and a plurality of separate springs positioned one overlying

the other with the spring nearest the lens at least as long in a direction following the edge of the lens as any other of said springs and held in compression between said body and lens and



tending to move said body away from the edge of the lens, although permitting rocking movement of the lens about said pivotal connection, said springs being arcuate when free from said compression.

2,166,283
OPHTHALMIC MOUNTING
Edward M. Splaine, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application January 16, 1936, Serial No. 58,478
In Canada October 16, 1935
12 Claims. (Cl. 88—47)



7. A device of the character described for attachment to a lens at a point removed from the horizontal geometrical center line of the lens, said attachment having a portion adapted to overlie a face of the lens and be pivotally connected to said lens and a portion adapted to overlie the edge of the lens with the major portion thereof lying above a horizontal line extending through the pivotal connection to the lens, said edge portion having an attaching face on the side thereof adapted to lie towards the lens which is relatively short in a direction which is to follow the edge of the lens and which lies at an angle other than normal relative to the horizontal center line of the lens when the attachment is on said lens, and resilient means secured to said face and having portions adapted to extend outwardly of the opposite sides of said horizontal line extending through the pivotal connection to the lens and being adapted to engage the edge of the lens at two spaced points and being supported so as to exert forces on said portion overlying the edge of the lens in both directions of movement of said portion about the pivotal connection to the lens when the parts are in their normal position of use.

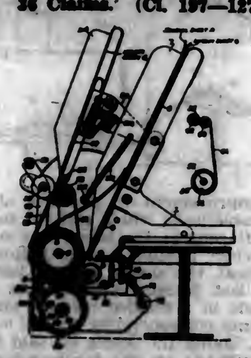
2,166,284
OPHTHALMIC MOUNTING
Edward M. Splaine, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application January 15, 1936, Serial No. 59,247
14 Claims. (Cl. 88—47)

6. In a device of the character described for attachment to a lens, said attachment having a portion adapted to overlie the edge of the lens and a lens connecting portion adapted to engage a face of the lens, said portion overlying the edge of the lens being relatively narrow in a direction which is to follow said edge and being provided with a surface which is cupped in said direction, curved resilient means having a slot therein extending in the direction of the length of said resilient means and means fitting and extending through the slot and being headed over to overlie and secure the resilient means to the cupped surface intermediate the upper and lower edges thereof with the resilient means cupped substantially to the shape of the cupped surface whereby the resilient means will be adapted to engage the



edge of a lens at two spaced points at a substantial distance to each side of the portion overlying the edge of the lens and will be free to flex throughout the greater portion of its length during use, the means for securing said resilient means to the cupped surface being adapted to urge and maintain the resilient means in surface contact with said surface.

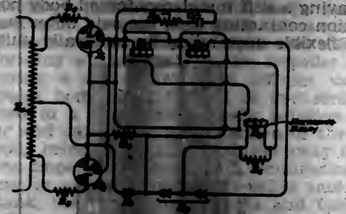
2,166,285
PAPER SUPPORTING AND FEEDING APPARATUS
Oscar J. Sundstrand, Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Continuation of application Serial No. 508,106, January 12, 1931. This application September 24, 1936, Serial No. 102,442
36 Claims. (Cl. 197—127)



27. In equipment of the character described, a rotary platen, front feed means, injector means for rapidly rotating the platen, and injector means for rapidly actuating the front feed means.

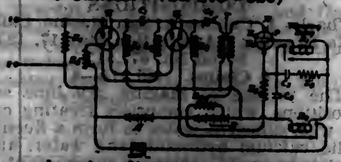
2,166,286
GAS-FILLED TUBE CIRCUITS
Leland Kassen Swart, Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application November 5, 1935, Serial No. 48,379
Renewed November 30, 1937
11 Claims. (Cl. 175—320)

1. The combination of a gas discharge tube having input and output circuits connected to its electrodes, the electrodes of the tube forming a plurality of discharge paths one of which extends to the input circuit and another to the output circuit, means including sources of voltage connected respectively in the input and output circuits for ionizing the gas between all of the discharge paths of the tube, and means responsive to the discharge of the gas in the output circuit for simultaneously de-ionizing the



gas within all of the discharge paths formed by the electrodes to which both circuits are connected, said means being connected to the output circuit.

2,166,287
GAS DISCHARGE TUBE CIRCUITS
Leland Kassen Swart, Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application November 5, 1935, Serial No. 48,380
7 Claims. (Cl. 175—320)



1. In a heart voltage measuring apparatus, the combination of a tunable amplifier for amplifying a selected voltage impressed upon said amplifier to the exclusion of all other voltages, a gas-filled discharge tube having three electrodes, two of which are supplied with the voltage amplified by the amplifier, exhibiting apparatus connected between the third electrode and one of the other electrodes of the tube, and means for periodically deionizing the gas between all of the electrodes of the gas-filled tube.

2,166,288
CIRCULAR SAW APPARATUS
Herbert R. Taute, Milwaukee, Wis.
Application September 27, 1934, Serial No. 745,673
1 Claim. (Cl. 143—174)



In a wood-working machine, the combination of a work table having gage clamping surfaces along the front and rear edges thereof, a gage bar movable over said table, means for clamping the front end portion of said gage bar to the front clamping surface, the rear end portion of said gage bar having a rearwardly opening guide slot therein and having a cam surface on its upper side sloping upwardly and forwardly, a clamping member engageable with the rear clamping surface and slidably fitting in said slot for up and down movement, said clamping member having a sloping portion engageable with said cam surface for moving said member to clamping position upon forward movement of said member along said cam surface, and means for operating said rear clamping member including an elongated actuating member extending along said gage bar to the front end of said gage and having a connection with said clamping member to urge the latter forwardly and upwardly into clamping engagement with the table.

2,166,289
COLLAPSIBLE STRUT
John F. Wallace, Cleveland, Ohio, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio, a corporation of Ohio
Application January 30, 1935, Serial No. 4,165
2 Claims. (Cl. 244—102)



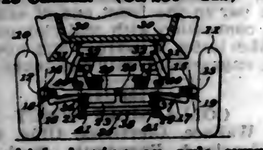
1. In an airplane, a pair of hydro-pneumatic shock absorbers pivotally mounted at their upper ends, a ground engaging member mounted on the lower end of each shock absorber and carried thereby exclusively, means controllable from the cockpit of the airplane for contracting the shock absorbers, and means for swinging the contracted shock absorbers upon their pivots in planes normal to the pivots through approximately a right angle into inoperative position.

2,166,290
ORE CONCENTRATOR
Randall P. Akins, Denver, Colo.
Application September 2, 1935, Serial No. 38,937
2 Claims. (Cl. 209—425)



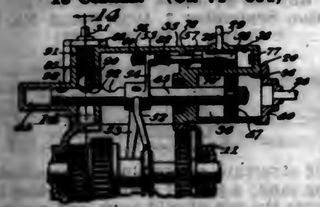
1. A jig structure comprising: a longitudinally extending tank; a pair of shafts extending transversely over the top of said tank and beyond the sides thereof; bearings on the side walls of said tank supporting said shafts; a crank extending downwardly from each extremity of each shaft on the exterior of said tank; a connecting rod extending along each side of said tank connected to and supported by said depending cranks and extending beyond one extremity of said tank; a cross head extending across the latter extremity of said tank between said connecting rods; a differential vibrating mechanism attached to the middle of said cross head to impart a reciprocal vibration to said two connecting rods; a pair of horizontally extending cranks secured to each shaft intermediate its bearings and adjacent the latter, all of said latter cranks extending in a common direction; a bracket member depending from the free extremity of each of said latter cranks within said tank; a longitudinally extending jig frame within said tank having side frame members attached to said bracket members so that said jig frame will be supported from said horizontally extending cranks; a series of transversely extending partitions across the bottom of said jig frame; a screen supported upon said partitions; a series of compartments on said screen, said compartments being positioned below the top of said jig frame; and means for feeding ore into said jig frame.

2,106,291
WHEEL SUSPENSIONS
William D. Allison, Detroit, Mich., assignor to Hudson Motor Car Company, Detroit, Mich., a corporation of Michigan
Application November 7, 1935, Serial No. 48,651
15 Claims. (Cl. 280—112)



2. In a vehicle having an axle supported in raised position by a pair of wheels, a chassis frame, resilient means for supporting said frame upon said axle, said axle comprising mechanism for converting a horizontal transverse force applied to one of said wheels at its area of contact with the road to a vertical force and said mechanism including a stabiliser member mounted on a part of the axle for rotation about a longitudinal substantially horizontal axis and a rigid frame pivotally connected at transversely spaced points to said chassis frame and pivotally connected at transversely spaced points to said stabiliser member.

2,106,292
VACUUM CONTROLLED TRANSMISSION
Dana K. Hadertscher, Detroit, Mich., assignor to Hudson Motor Car Company, Detroit, Mich., a corporation of Michigan
Application March 11, 1935, Serial No. 10,448
18 Claims. (Cl. 74—334)



1. The combination of a pair of gear shift rails, a vacuum or pressure operated shifting device for independently shifting each rail, a movable master valve controlled by the clutch pedal and connecting a source of vacuum or pressure to said devices, a vacuum or pressure controlled locking means for the shift rails connected to said master valve, and valve means connected to said master valve for controlling the return of one shift rail to neutral position before the other rail is moved out of neutral position, said master valve being movable into successive positions in one direction to connect said source with said valve means, locking means and shifting devices.

2,106,293
PACKING MATERIAL AND ASSEMBLY
George Christensen, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York
Application January 23, 1934, Serial No. 707,871
2 Claims. (Cl. 286—26)

1. A packing assembly comprising, in combination, a member of the type of a stuffing box provided with an inner surface to be packed; a member of the type of a cylindrical piston movable within the outer member, defining therewith a space adapted to receive packing material, and provided with an outer surface to be packed; a packing member disposed within the said space and having a stiff metal-reenforced body portion, a portion contacting with the said outer surface, and a flexible upstanding lip integrally united to



the said body portion at the outer edge thereof; and an independently movable rigid filler member disposed within the said space and adapted to be forced inside the said lip and to deflect it outwardly into packing contact with the said inner surface.

2,106,294
PROCESS OF MAKING DRY LIME SULPHUR COMPOSITIONS
Charles L. Chubbuck, San Marino, Calif.
No Drawing. Application May 17, 1933, Serial No. 671,517
4 Claims. (Cl. 71—4)

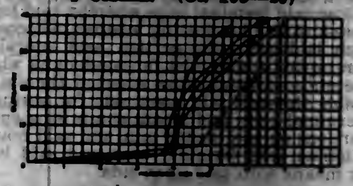
1. The process of making dry lime sulphur compositions, which comprises treating calcium oxide with sufficient water to form a fluent mass of solid calcium hydroxide and water, allowing the solids to settle, removing supernatant liquid, mixing sulphur with the resulting putty-like solid, and passing said mixture through a rotary flame-heated drier.

2,106,295
EVAPORATOR
Robert V. Cook, Chicago, Ill., assignor to Fairbanks, Morse & Company, Chicago, Ill., a corporation of Illinois
Application June 13, 1935, Serial No. 26,469
1 Claim. (Cl. 159—25)



In combination in a vertical container for the thermal treatment of liquids, a liquid circulating and heat exchange unit disposed below the normal level of liquid in the container, said unit including a horizontal tank of substantially annular form through which the liquid is to be passed for heat exchange purposes, a pump within the central opening of the tank, the pump being of vertical shaft type and including a propeller type impeller, a plurality of substantially vertical, stationary diffuser vanes disposed immediately adjacent to and extending substantially beyond the pump impeller, an open end tubular body forming a casing about the impeller and constituting a support for said diffuser vanes, the tubular body being formed of two sections connected in a zone substantially between the impeller and vanes, the lower section of the tubular body being flared in a direction away from the pump impeller discharge and terminating in a bell end in a zone substantially below said annular tank, the tank, pump, vanes and tubular body being supported in assembly entirely by the side walls of the container, in a manner to provide a substantially unobstructed circulation space above the said assembly, a liquid inlet in the top of the tank, a liquid outlet at the bottom thereof, a vertical pump shaft extending from the pump impeller to a point externally of the container, and a driving motor for said shaft, located exteriorly of the container.

2,106,296
FILM AND SHEET OF ORGANIC DERIVATIVES OF CELLULOSE
Camille Dreyfus, New York, N. Y., and George Schneider, Montclair, N. J., assignors to Celanese Corporation of America, a corporation of Delaware
Application April 5, 1934, Serial No. 719,138
4 Claims. (Cl. 106—49)



1. A composition of matter comprising an organic acid ester of cellulose of low acyl value and a mixture of diethylene glycol and glycerine in such relative proportions as to form a transparent film or foil of large tensile strength and high elongation dissolved in a compatible volatile solvent.

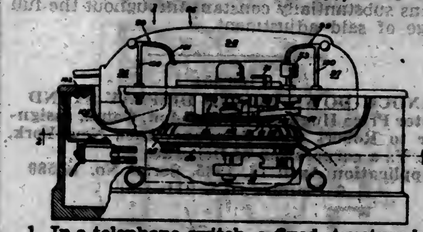
2,106,297
MANUFACTURE AND USE OF CELLULOSE DERIVATIVES
Henry Dreyfus, London, England
No Drawing. Application October 23, 1934, Serial No. 749,673. In Great Britain October 26, 1933
12 Claims. (Cl. 260—102)

1. Process for the manufacture of organic acid esters of cellulose, comprising subjecting an organic acid ester of cellulose which has been partially ripened in an acid medium to further ripening in suspension in a medium containing a base.

2,106,298
TREATMENT OF MATERIALS
Henry Dreyfus, London, England
No Drawing. Application September 28, 1935, Serial No. 41,422. In Great Britain October 2, 1934
11 Claims. (Cl. 91—68)

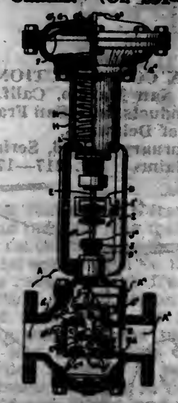
1. A process of sizing textile yarn, which comprises impregnating the yarn with an aqueous solution of an ammonium salt of a carboxyl-containing derivative of cellulose, and thereafter drying the yarn.

2,106,299
TELEPHONE SWITCH
Girard Fournese, Hollywood, Calif.
Application August 4, 1936, Serial No. 94,173
20 Claims. (Cl. 179—27)



1. In a telephone switch, a fixed structure having a main shaft rotatable and longitudinally slidable therein, a dial connected to the shaft for rotating the same to any one of a number of stations, a plurality of circular bus-bars mounted on the fixed structure, a plurality of pairs of contacts on the fixed structure, each pair corresponding to a station, a switch arm connected to the shaft and having conducting contact fingers, the said shaft and arm being movable on its axis of rotation to align the fingers on the arm with any pair of contacts on the fixed structure, a first manually operable means to move the arm with the fingers out of contact, the arm therefore being free for rotation by the dial and a second manually operable means to move the shaft and the switch arm in one only axial direction to engage the fingers with the bus-bars and the fixed contacts.

2,106,300
CONTROL VALVE
Thomas R. Harrison, Wyncote, Pa., assignor to The Brown Instrument Company, Philadelphia, Pa., a corporation of Pennsylvania
Application April 26, 1934, Serial No. 722,465
9 Claims. (Cl. 251—24)



1. The combination in a control valve having a port, of means adjustable to and fro axially of said port to progressively vary the flow through the port between upper and lower limits, and providing and substantially confining the flow to one or more flow passages which are triangular in cross section and of aggregate area substantially less than that of the port when adjusted for relatively small flow, and providing a tapered plug portion extending into said port and defining the inner side of an unobstructed zone of

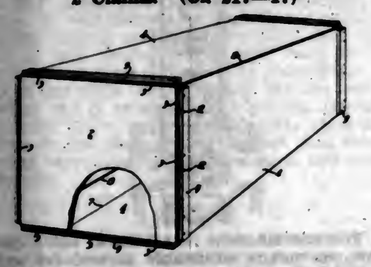
flow extending about the axis of said port and defined at its outer side by the wall of said port when adjusted for a larger flow, and thereby making the percentage of flow variation produced by a given extent of axial adjustment of said means substantially constant throughout the full range of said adjustment.

2,106,201
KNOCK-DOWN ISLAND DISPLAY STAND
Hector Price Hughes, New London, Conn., assignor to Robert Gair Company, Inc., New York, N. Y., a corporation of Delaware
Application April 16, 1935, Serial No. 16,580
6 Claims. (Cl. 211—72)



1. A display stand for cans of the class described comprising a sheet of material having angularly disposed vertically upstanding folds forming a tubular body, said body having therein and extending across the lines of the folds pairs of short horizontal cuts so as to form subfolds, there being vertical fold lines connecting the opposite ends of the pairs of cuts, said subpanels being urged inwardly to form can receiving niches, the cans being rested at the inner vertical portions of their peripheries against the sub-panels, the top and bottom faces of the cans being substantially embraced by the panels at boundary faces of the cuts, and the major portions of said peripheries at the outer sides of the cans being projected beyond the planes of the adjacent panels.

2,106,202
BOX CONSTRUCTION
Boyd R. Lewis, San Marino, Calif., assignor to Fibreboard Products, Inc., San Francisco, Calif., a corporation of Delaware
Application February 7, 1936, Serial No. 62,825
2 Claims. (Cl. 217—17)



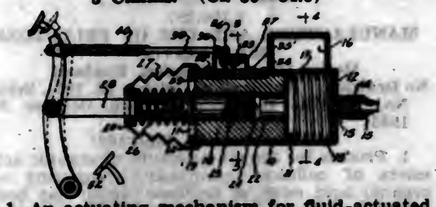
1. A box wall comprising a sheet of heavy paper folded to form a flat sleeve with the longitudinal edges of the sheet overlapping at one side of the sleeve, slats extending longitudinally through the sleeve, one of said slats underlying said overlapping edges, a cleat arranged outside the sleeve and extending transversely across the slats to reinforce the wall, and means for fastening the cleat, sleeve and slats together.

2,106,203
MOTOR HORN
Clyde Victor McBroom, Des Plaines, Ill., assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill., a corporation of Illinois
Application May 13, 1936, Serial No. 79,440
4 Claims. (Cl. 177—7)



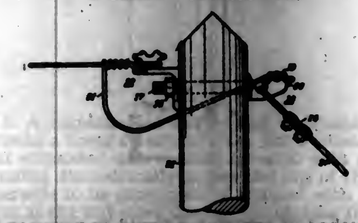
2. A weatherproof motor horn comprising a cup-like housing closed at one end and having an opening at its other end large enough to enable the insertion therethrough of a rotary electric motor unit, a rotary electric motor unit insertable and removable axially from the open end of said housing, a removable diaphragm and resonator extending across said opening and detachably secured to said housing for sealing said open end, said rotary motor comprising a rotary shaft and an actuator mounted on said shaft for actuating said diaphragm, an insulating terminal base mounted on the side of said motor intermediate the ends thereof, a lubricating means for each end bearing of said motor and substantially in alignment with said terminal base, said housing having a laterally-extending open side portion to enclose said terminal base whereby said terminal base and said lubricating means are accessible through said open side portion, said lateral extension having a side inlet for conductors whereby the ends of conductors inserted therein are accessible through said open side for wiring on said terminal base, and means comprising engaging portions on said motor unit and said housing for aligning said terminal base and said lubricating means with said open side.

2,106,204
ACTUATING MECHANISM FOR HYDRAULIC BRAKES
Robert E. McGee, Beeville, Tex.
Application September 3, 1935, Serial No. 38,912
3 Claims. (Cl. 60—54.6)



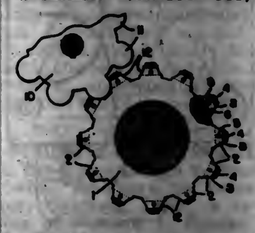
1. An actuating mechanism for fluid-actuated brakes including, a cylinder having fluid therein and having connection with said brakes, a piston slidable in said cylinder and having an axial opening therethrough, a second piston slidable within the opening of the first piston, resilient means for connecting the pistons, whereby both pistons move as a unit until the first piston has completed its stroke at which time the second piston begins its movement, thereby first displacing a large amount of the fluid from the cylinder under a low pressure and then displacing a comparatively small amount of fluid under a high pressure, releasable latch means for retaining the first piston at the end of its stroke, and manually operated means including a lever member for moving the pistons and having a lost motion connection between said lever member and said releasable latch means whereby the latch means automatically engages said piston on the piston operating stroke of the lever member and is forcibly released from such engagement on the return stroke of the lever member.

2,106,205
POLE FITTING
Ralph R. Pittman, Pine Bluff, Ark.
Application June 17, 1935, Serial No. 27,063
1 Claim. (Cl. 248—65)



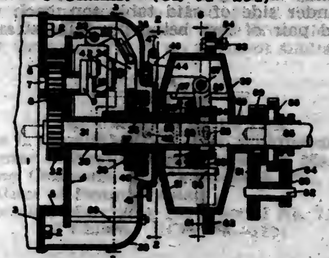
A pole fitting for supporting an overhead conductor comprising in a single piece of metal a shank, a base portion at one end of said shank, an upwardly turned hook portion including a stem merging with said base at one end thereof and an enlarged end portion at the other end of said stem, said enlarged portion having a horizontally positioned peripheral flange extending outwardly from the upper portion of said enlarged end portion and a substantially semi-circular conductor-receiving groove extending transversely thereacross in a direction normal to the axis of said shank.

2,106,206
TYPE WHEEL
Claude A. Putnam and Charles F. Robbins, Keene, N. H., assignors to Markem Machine Company, Keene, N. H., a corporation of New Hampshire
Application April 12, 1937, Serial No. 136,565
2 Claims. (Cl. 101—368)



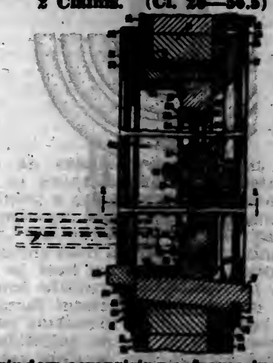
1. A type wheel having a body portion formed on its periphery with a plurality of radial type-carrying projections, each having a slot extending in a circumferential direction, a type member seated on the end of each projection and having a fin fitting the slot therein, and means to secure each type member to its projection, the edges of the fin of each type member being flush with the edges of the projection on which it is mounted and said fins being made of harder material than the body portion, whereby the edges of the fins present wear-resisting surfaces at the edges of the projections to receive the wear on said edges due to the action of the setting wheel in setting the type wheel.

2,106,207
AUTOMATIC TRANSMISSION CONTROL
Harvey A. Smith, Webster Groves, Mo.
Application April 2, 1936, Serial No. 73,200
5 Claims. (Cl. 74—294)



1. In a device of the class described, the combination with a driving member, of a driven member, sun and planet gearing connecting said members, a cylinder controlling said gearing and determining the relative speed of rotation of said members, a main valve for said cylinder, an auxiliary valve for said cylinder, torque-actuated means for controlling said main valve, and manually-actuated means for controlling the auxiliary valve.

2,106,208
WINDOW
John L. Soderberg, Omaha, Nebr.
Application June 10, 1936, Serial No. 84,441
2 Claims. (Cl. 20—56.5)



1. A window comprising a frame including upper, lower and opposite side members, horizontal and vertical rabbeted strips secured to said first members, a screen secured to the outer sides of said strips, a rabbeted sash frame engaging the rabbeted portion of said strips, means hingedly securing said sash frame for inward swinging movement, an outer window pane fixed to said sash frame, said sash frame having an inner rabbeted portion inwardly of said outer pane, a second sash frame engaging in the inner rabbeted portion of said sash frame, and means removably securing said second sash frame in said inner rabbeted portion.

2,106,209
FOLDING TABLE
Benjamin F. Sweeney, Long Beach, Calif., assignor of one-half to Henry T. Barr, Long Beach, Calif.
Application October 31, 1936, Serial No. 108,535
2 Claims. (Cl. 311—63)

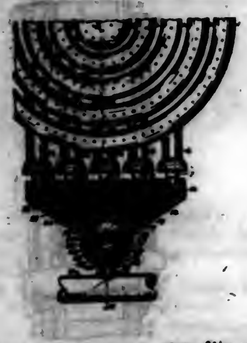
1. A folding table comprising a table top, a

pair of legs, each pivotally connected to the bottom of said table top, a second pair of legs, each of said second pair of legs being pivotally attached to one of the first named legs, a substantially U-shaped yoke pivotally attached to the under side of said table top, each of said second pair of legs being pivotally attached to



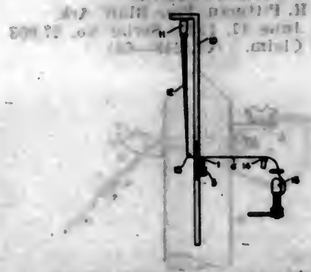
the sides of said yoke, each of said second pair of legs being curved at the upper end thereof, said curved end of the legs being engageable with the under side of the table top, and releasable stop means on said second pair of legs, said yoke being adapted to engage said stop means in one position of the table and to pass said stop means in another position of the table.

2,106,210
VALVE
Jane Elizabeth Warrick, Tampa, Fla.
Application March 9, 1936, Serial No. 69,205
9 Claims. (Cl. 277—69)



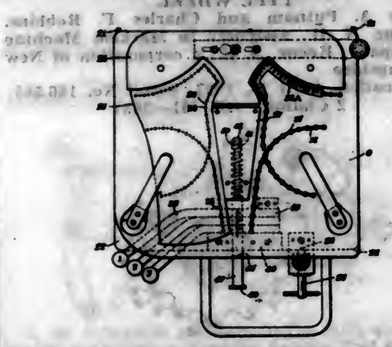
1. A device comprising a plurality of sections, fluid inlets communicating with said sections, a valve casing having a bore for a plug and having an inlet for fluid communicating with said bore and having a plurality of outlets also communicating with said bore and with the inlets of said sections, a movable distributor plug in said bore having a passage in communication with the inlet of the casing in all positions of the plug and having an outlet passage capable of registration with each of said outlets of the casing, said distributor plug having a bore for a regulator plug and a movable regulator plug in said bore having an inlet passage capable of registration with the inlet passage of the distributor plug in one position and movable out of registration therewith in another position and having an outlet passage communicating with the outlet passage of the distributor plug, the arrangement being such as to permit the regulator plug to open and close the inlet passage of the distributor plug in any position of said distributor plug.

2,106,211
PROCESS OF APPLYING LIQUID TO TEXTILE MATERIALS
William Whitehead, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware
Original application June 14, 1929, Serial No. 370,763. Divided and this application September 24, 1935, Serial No. 41,594
5 Claims. (Cl. 91—68)



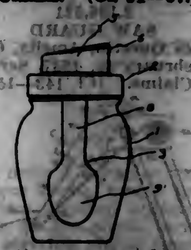
1. Method of applying a liquid to yarns or filaments, which comprises supplying a controlled uniform amount of liquid to a moving surface, passing the yarns or filaments over the surface at an angle to its direction of travel and at such a speed as to remove substantially all of the liquid from the surface, and maintaining constant the ratio of the speed of the moving surface and the rate of travel of the yarns whereby a uniform amount of liquid is applied to the yarns.

2,106,212
ORNAMENTING DEVICE
Arthur W. Altvater, University City, Mo.
Application February 1, 1936, Serial No. 61,942
29 Claims. (Cl. 164—93)



23. In a shoe part perforating device, the combination with a support, perforating elements carried thereby forming part of a perforation design for a work piece, a die holder provided with a die having perforating elements forming another part of the perforation design, said die holder and said support being relatively movable to cause the perforating elements carried by each to lie at the same cutting level, and an additional perforating element carried on the support in a position removed from said cutting level, of means for moving said additional element to said cutting level to increase the number of elements thereat.

2,106,213
COVER AND APPLICATOR
Leclare H. Austen, Chicago, Ill., assignor to Imperial Molded Products Corporation, Chicago, Ill.
Application January 29, 1936, Serial No. 61,327
5 Claims. (Cl. 91—67.4)

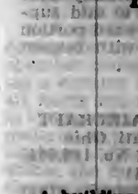


1. A combination cover and applicator comprising a cover attachable to a jar, a substantially flat elongated grip molded integral with and extending diametrically across the top of the cover operable to be conveniently gripped with the fingers at the flat sides thereof for placing the cover upon and removing it from the jar and for manipulating it in accordance with its intended use, said cover having therein an elongated aperture extending in a diametrical direction, and a flat spatula-like applicator comprising a rigid material having a correspondingly flat handle adapted to reception into the aperture so that the plane of the handle and applicator is maintained in a fixed definite relation with the plane of the grip, said applicator being movable simultaneously with said cover and grip and removable from the aperture for replacement.

2,106,214
METHOD OF MAINTAINING CHESTNUTS IN PRIME CONDITION
W. Charles Anderson, Linden, Calif.
No Drawing. Application June 20, 1936, Serial No. 86,145
1 Claim. (Cl. 99—156)

That method of maintaining chestnuts in prime condition which consists in exposing the nuts in the presence of moisture until they have absorbed a desired degree of moisture, then storing the nuts in a dry atmosphere until they have lost by evaporation a determined amount of moisture, then again exposing the nuts to the presence of moisture until the lost moisture has been approximately restored, and repeating such steps until the nuts are marketed.

2,106,215
BUILDING CONSTRUCTION
Howard L. Brooks and Hugh F. MacIntyre, Oakland, Calif., assignors to Pyro Enameling Company, Oakland, Calif., a co-partnership consisting of Howard L. Brooks and Harold B. Nayler
Application June 26, 1936, Serial No. 86,994
1 Claim. (Cl. 189—36)



A building unit for attachment to a support, comprising a metal sheet having a rectangular face area, a pair of end flanges upstanding from opposite ends of said face area, a pair of side flanges upstanding from opposite sides of said face area, one of said side flanges having a pair of apertures therein, and a pair of cylindrical pins projecting from the other of said side flanges parallel to said rectangular face area slidably to engage the apertures in an adjacent similar unit.

2,106,216
CIRCUIT INTERRUPTER
Clinton L. Dennold, Forest Hills, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 29, 1934, Serial No. 717,940
19 Claims. (Cl. 200—120)



2. In an expulsion type circuit interrupter, means, at least partially of insulating material for defining a completely closed outer surface of an arc passage; means for closing one end of said passage, the other end of said passage being open, during each circuit interrupting operation; means, at least partially of insulating material, positioned within said passage, at least during each circuit interrupting operation for defining the inner surface of said arc passage; and means for establishing an arc between said inner and said outer surfaces; said surface defining means so restricting the volume of said passage that arcs of small current magnitude as well as arcs of large current magnitude are caused to intimately contact the surfaces defining said arc passage during each circuit interrupting operation.

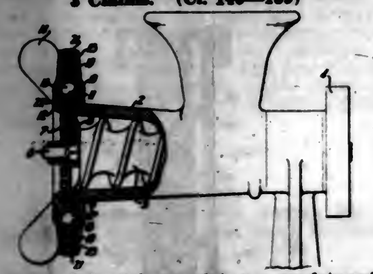
2,106,217
PROCESS OF CHANGING THE COLOR OF NATURAL STONE
Edwin M. Dennedorf, Austin, Tex.
No Drawing. Application October 19, 1936, Serial No. 106,452
4 Claims. (Cl. 41—41)

3. The process of manufacturing terrazzo aggregate from natural stone or marble consisting of subjecting the same to an atmosphere deficient in oxygen at a temperature of from 600 degrees F. to 900 degrees F., maintaining the heat treatment during a period of several hours, admitting atmospheric air, and wetting the hot stone with water.

2,106,218
FILTERING
Roy D. Elliott and Mary J. Elliott, Jersey City, N. J.
No Drawing. Application October 15, 1932, Serial No. 638,029
9 Claims. (Cl. 210—262)

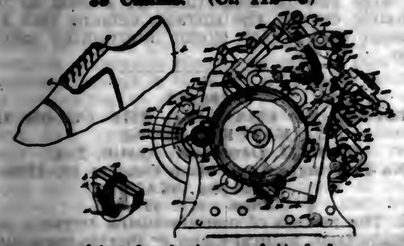
1. In the filtration of turbid liquids through pervious filter beds of loose granular media, the improvement which comprises providing the granules with a light coating or adsorption of an adhesive substance having an affinity both for the material of the granules and for the particles of the turbidity.

2,106,219
HANDWHEEL FOR GRINDERS
George J. Federighi, San Francisco, Calif.
Application May 4, 1936, Serial No. 77,754
3 Claims. (Cl. 146—189)



1. A handwheel for applying a predetermined pressure to an element, comprising a threaded ring for pressing against the element, a manually turnable ring rotatably mounted on the pressure ring, said pressure ring having a socket, an element carried by the manually turnable ring and adapted to engage said socket, and a spring for pressing said element into the socket, said socket having an inclined wall for retracting the spring pressed element when the manually turnable ring is rotated in one direction and having an upright wall to prevent retraction of the element when the manually turnable ring is rotated in the opposite direction.

2,106,220
MACHINE FOR LACING SHOE UPPERS
Joseph Fenza, Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application May 11, 1935, Serial No. 21,011
35 Claims. (Cl. 112—5)



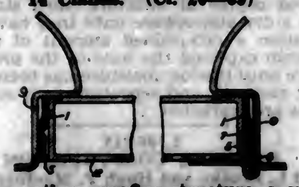
1. A machine for lacing eyeletted shoe uppers having, in combination, a plurality of needles arranged to pass a series of individual cord loops through aligned eyelets of a folded shoe upper, devices cooperating therewith, and means for actuating each needle and the devices cooperating therewith thereafter to pass cord loops alternately through the same eyelets and across the edges of the shoe upper and to pass each loop through the preceding loop of the same cord, and finally to pass a portion of the same cord through the final loop to lock the loops.

2,106,221
SAW GUARD
Gilles Guertin, Amelia, Ohio
Application February 16, 1937, Serial No. 125,962
7 Claims. (Cl. 143—159)



1. In a saw guard, the combination of a hood having a closed top and solid sides, a forward end, and a substantially horizontal lower edge, a work engaging roller at the forward end of the hood and marked along its periphery to indicate the plane of a saw guarded by the hood, an obliquely inclined hood support bar and means fixing the hood rigidly to the bar, a support bar guide including rollers providing a way in which the hood support bar reciprocates as the work is fed beneath the hood, means for mounting the support bar guide in an elevated position, and a ribbon type spring having one end movable with the hood and the support bar, and an opposite end wound in convolutions about a portion of the mounting means, and fixed thereto, for lifting and substantially counter-balancing the weight of the hood and the support bar therefor.

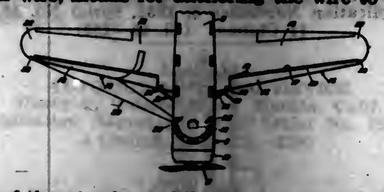
2,106,222
WEATHERPROOFING STRUCTURE FOR DOORS
David H. Harsly, Chicago, Ill.
Application February 22, 1937, Serial No. 127,066
14 Claims. (Cl. 20—69)



1. In a weather-proofing structure, a supporting member, a resilient rubber weather strip having a weakened section at its lower rear portion superposed upon said supporting member, and a clamping member having a flanged edge engaging said weather strip substantially over said weakened section and clamped to said supporting member for causing the forward portion of said strip to assume an angle with respect to said supporting member.

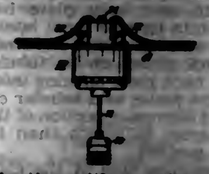
2,106,223
DEICING ATTACHMENT FOR AIRCRAFT
James B. Huntington, Cincinnati, Ohio
Application August 24, 1937, Serial No. 160,644
5 Claims. (Cl. 244—134)

1. A de-icing attachment for aircraft wings comprising a number of sheets of cellophane, clamping strips disposed along the longitudinal edges of the cellophane sheets and having serrated inner edges, means for fastening the clamping strips to the wing, a severing means located beneath each sheet and comprising a relatively thin wire, means for anchoring the wire to the



tip of the wing beyond the outer transverse edge of the cellophane sheets, means for detachably holding the wires disposed adjacent the inner transverse edge of the sheets, and means for operating said severing means from the cockpit of the aircraft.

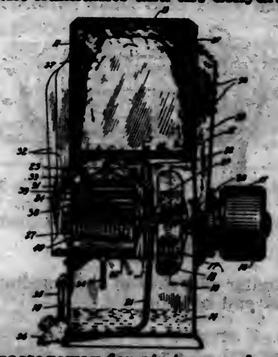
2,106,224
WIRING DEVICE
Roland R. Keesee, Prattsville, Ark.
Application December 22, 1935, Serial No. 55,823
1 Claim. (Cl. 173—329)



The combination with a ceiling rosette of an integral upstanding tubular portion having a relatively large bore for the accommodation of a plurality of two conductor cables, said rosette containing a pair of insulated load terminals and an additional terminal insulated from said load terminals, said terminals including means for connecting one conductor of a two conductor supply cable to one load terminal and the other conductor to the additional terminal, means for connecting one conductor of a second two conductor supply cable to said one load terminal and the other conductor to the additional terminal, means for connecting one conductor of a two conductor load control cable to the other of said load terminals and the other conductor of said control cable to said additional terminal, and detachable means for connecting a load circuit to said pair of load terminals, said detachable means providing a closure for said rosette.

2,106,225
PORTABLE AIR CONDITIONER
Ernest W. Kummer, Denver, Colo., assignor of one-half to David G. Ong, Phoenix, Ariz.
Application March 5, 1936, Serial No. 67,232
3 Claims. (Cl. 261—29)

1. A combined humidifying, and dehydrating device for use in an air conditioner having a chamber containing a cooling element, comprising a housing having a water compartment, and air inlets and outlets, a shaft rotatably mounted in the housing, a cylindrical drum of foraminated material secured to the shaft, fan blades projecting from the periphery of the drum, a helical plate within the drum, means comprising a pump for elevating water from the water compartment and delivering it to the inside of the drum, a dehydrator carried by the shaft and a partition separating the humidifier and the dehydrator, there



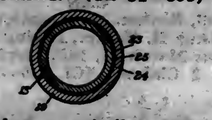
being a passageway for air to pass from one side of the partition to the other.

2,106,226
CURLER PAD
Ross M. McFadden, Los Angeles, Calif.
Application May 19, 1937, Serial No. 143,502
3 Claims. (Cl. 132—36.1)



1. As a new article of manufacture, a resilient pad for use with hair curlers of the air drying type, comprising a body formed with an elongated slot, and formed with enlarged circular transverse punchings at ends of said slot, whereby the pad may be transversely stretched to open the slot without tearing the pad.

2,106,227
STATIONARY INNER SLIDE TUBE FOR TROMBONES AND SIMILAR INSTRUMENTS
Reginald B. Olds, Los Angeles, Calif.
Application September 1, 1936, Serial No. 98,841
3 Claims. (Cl. 84—395)



1. In a trombone or similar musical wind instrument, a stationary slide and a movable slide telescopically arranged, there being longitudinally extending relatively sharp edges formed on one slide engageable with the other slide so as to reduce friction between the slides and enabling spaces between the edges to receive and hold lubricant.

2,106,228
BASKET COVER
Albert H. Schmidtke, St. Joseph, Mich., assignor to St. Joseph Iron Works, St. Joseph, Mich., a corporation of Michigan
Application October 5, 1934, Serial No. 747,013
8 Claims. (Cl. 217—122)

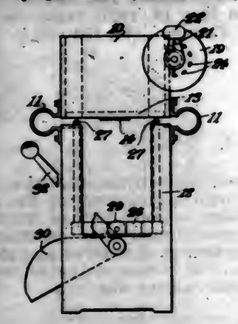
5. A basket cover or the like comprising a plu-

rality of intermediate panels and a pair of end battens arranged crosswise of and secured to



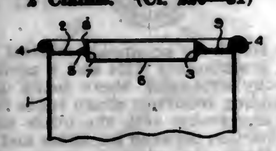
another similar plurality of intermediate panels and pair of end battens.

2,106,220
APPARATUS FOR TREATING MATERIALS
Ephriam J. Scott, Forest Hills, Mass., assignor to C. C. H. Thomas
Application May 25, 1927, Serial No. 194,013
Renewed March 21, 1936
7 Claims. (Cl. 25—41)



5. Molding apparatus comprising a mold, a plurality of resilient supports for the mold, said supports being substantially C-shaped, and means for vibrating the mold.

2,106,230
CAN
Harry Sebell, Boston, Mass., assignor of one-half to Arthur H. Parker, Lexington, Mass.
Application March 23, 1937, Serial No. 132,555
2 Claims. (Cl. 220—31)



1. A can having a body portion, a closure-receiving portion secured to the body portion at one end thereof by a double-lock seam, said closure-receiving portion having a closure-receiving opening and a closure of the friction plug type fitting said opening, said closure having integral therewith a tab projecting from the periphery thereof, the end of which tab is rolled into the double-lock seam whereby said tab functions as a hinge for the closure when it is removed from the opening.

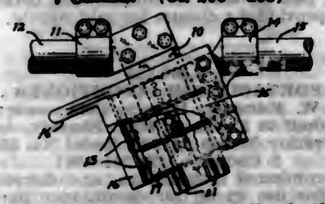
2,106,231
ELECTRIC SIGN DISPLAY AND METHOD OF MAKING SAME
Arthur Lawrence Smith, La Canada, Calif., assignor to Neon Lights, Incorporated, Los Angeles, Calif., a corporation of California
Application November 6, 1935, Serial No. 48,457
11 Claims. (Cl. 40—130)



2. A luminous sign unit comprising: a front and back plate of glass sealed together in a single unit, said front plate having a gas chamber wholly therein, said back plate having a depressed portion in its rear face; laterally extending electrodes at each end of the chamber wholly within the back plate; and a tubular glass extension in the back plate opening into said chamber in the front plate, said tubular extension being within said depressed portion of the back plate and being shorter in length than the depth of the depressed portion.

10. In a luminous sign of the class described, the combination of: a front and back plate of glass fused into a single unit forming a gas chamber therein, said back plate having terminals molded therein with exposed portions on the surface of said plate; and movable roller contact members adapted to engage the exposed portions of said terminals, said roller contact members being adapted to be connected to a source of electrical current.

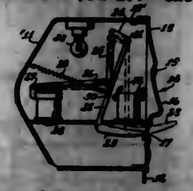
2,106,232
CONTACT FOR ELECTRICAL APPARATUS
Roy Wilkins, San Francisco, Calif., assignor to K. F. F. Electric Company, San Francisco, Calif.
Application September 8, 1936, Serial No. 99,744
7 Claims. (Cl. 200—166)



1. In an electrical switch of the knife blade type, the combination of a blade-like member having longitudinally extending and oppositely disposed non-oxidising contact surface forming members secured upon each side thereof, and co-operating blade engaging clips between which said blade-like member is adapted to move having transversely extending non-oxidising contact surface forming members secured upon the blade

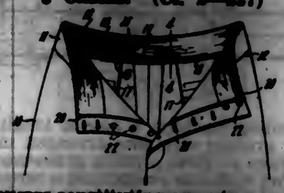
engaging sides thereof, the contact surface forming members upon said blade-like member and the contact surface forming members upon said clips being half round in cross section and secured in place by cold pressing same into grooves cut in the surfaces of their respective supporting blade and clips.

2,106,233
AUTOMOBILE SIGNAL DEVICE
David E. Wilson, Santa Monica, Calif.
Application August 11, 1936, Serial No. 95,376
4 Claims. (Cl. 177—329)



1. In an automobile signal device having a housing with a relatively large opening and two relatively small openings therein, the combination of a tongue movably mounted in said housing; electric light means in said housing adapted to illuminate said relatively small openings; and electrical means for actuating said tongue, sound producing member, and light means simultaneously, said electrical means including a remote control means.

2,106,234
TROUSERS
Seth Adamson, Larchmont, N. Y., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application May 16, 1935, Serial No. 21,626
3 Claims. (Cl. 2—237)



1. Trousers constituting an outer garment having an outer waist band portion adapted to stretch in the body encircling direction, an elastic waist band stiffening element having its upper edge secured to the upper edge of said outer waist band portion and comprising a woven elastic strip secured at the inner face of said outer waist band portion and provided with elastic warps woven under gradually increasing tension to impart a lengthwise curvature to the strip and a greater stretch to the upper edge of said strip than to its lower edge, to thereby provide a maximum range of stretch at the upper edge of the trousers and a smaller range of stretch at the lower edge of the waist band of the trousers whereby puckering of the trouser fabric is avoided.

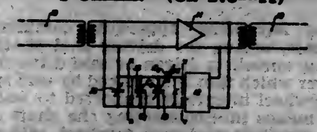
2,106,235
ADVERTISING APPARATUS
James R. Allen, Glendale, Calif.
Application August 21, 1936, Serial No. 97,666
9 Claims. (Cl. 40—126)

1. Advertising apparatus comprising a floor having a plurality of spaced track means arranged one inside the other, an endless conveyor means operated along each track means, a plu-



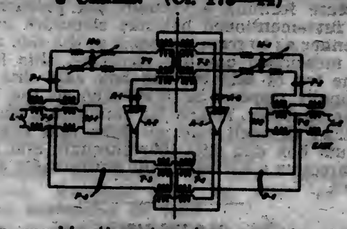
rality of objects carrying advertising matter carried by each conveyor means and means for simultaneously operating the conveyor means.

2,106,236
VOLTAGE OR GAIN CONTROL
Frithiof B. Andersen, Bloomfield, N. J., Charles O. Mallinckrodt, Forest Hills, N. Y., and Albert L. Stillwell, Westfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 8, 1935, Serial No. 44,950
4 Claims. (Cl. 178—44)



1. An aperiodic circuit for transmitting waves of a broad band of frequencies, having a pair of input terminals across which, a voltage comprising said broad band of frequencies is impressed, two variable capacities connected in series across said terminals, means for varying said capacities while keeping their sum constant, whereby a fraction only of said impressed voltage appears across one of said two capacities, separate adjustable means to vary the transmission loss through said circuit over said frequency band comprising a third variable capacity connected across said one only of said two capacities, and an output utilization circuit of high impedance connected across said third capacity.

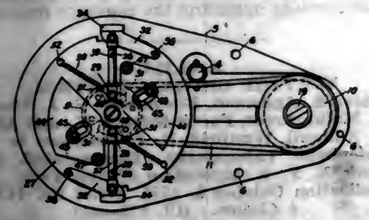
2,106,237
TRANSMISSION SYSTEM
Harold S. Black, Elmhurst, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application January 9, 1936, Serial No. 58,320
3 Claims. (Cl. 178—44)



1. In combination, two two-way signal wave transmission circuits, and a two-way repeater interconnecting said circuits, comprising two oppositely-directed one-way transmission paths coupled in conjugate relation with each other and in energy transmitting relation with said circuits, a plurality of conductively independent amplifiers and means coupling said amplifiers to said transmission paths so that said

amplifiers are effective simultaneously to amplify signal energy transmitted between said circuits for each direction of signal transmission.

2,106,238
FLYWHEEL CLUTCH MECHANISM
William A. Black, Montclair, N. J., assignor to United Research Corporation, Long Island City, N. Y., a corporation of Delaware
Application August 31, 1935, Serial No. 38,737
12 Claims. (Cl. 271—2.3)



1. Film advancing apparatus comprising a drive shaft, means for driving said shaft, film advancing sprockets driven by said drive shaft, a roller over which film is advanced by said sprockets, a flywheel integrally connected to said roller, and means interconnecting the shaft of one of said sprockets and said flywheel, said means being adapted to drive said flywheel during acceleration thereof and to instantly release said flywheel when uniform speed thereof is attained, said flywheel being driven thereafter by said film at the speed of said flywheel when released.

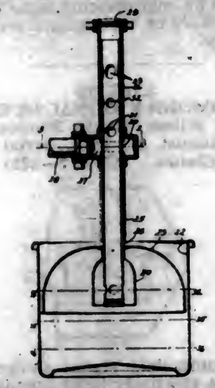
2,106,239
VARNISH AND PAPER DRYING MACHINE
Maxime J. Brisard, San Francisco, Calif.
Application November 25, 1935, Serial No. 51,394
4 Claims. (Cl. 34—12)



1. In a device of the character described, an elongated box-like structure, a second box-like structure forming a vacuum box positioned in said first-mentioned box-like structure in such a manner as to form channels at the side of said first mentioned box-like structure, slits formed in the top of said vacuum box, said slits being diagonally disposed with relation to the length of the chamber, means for conducting sheets of material through said machine and over said vacuum box and slits therethrough, and means for directing a current of air downwardly on said sheets.

2,106,240
VALVE
Walter K. Conover, New Castle, Pa., assignor to Cherry-Burrell Corporation, Chicago, Ill., a corporation
Application July 31, 1936, Serial No. 93,562
6 Claims. (Cl. 137—68)

1. The combination with supply means providing a fixed port, of a sleeve having apertures at different levels for alternative registration with said port and having means adjacent the respective apertures for closing said port upon displacement of the respective apertures therefrom, and



a float connected with said sleeve for the operation thereof, together with a receptacle arranged to receive liquid through said port upon registration of a sleeve aperture therewith and within which said float is operatively disposed.

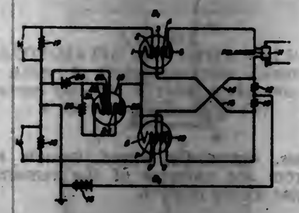
2,106,241
FRUIT SIZER
Frank W. Cutler, Portland, Oreg., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application April 22, 1935, Serial No. 17,646
1 Claim. (Cl. 209—102)



In a grading machine, a pair of longitudinally extending grading elements arranged in spaced apart relation to form a sizing gradeway, one of said grading elements comprising a series of sections arranged in alternate parallel and angular relation with the other grading element to form a series of grading sections separated by a plurality of intervening non-grading sections, a plurality of adjusting means associated with each of said parallel sections, a unitary control associated with each set of said adjusting means for simultaneously operating the same to move their associated section toward and away from the other grading element, and in confined parallel relation thereto, and means arranged beneath said non-grading sections for separating the fruit discharged from the respective grading sections into segregated groups.

2,106,242
ELECTRIC DISCHARGE TUBE CIRCUITS
Stephen Deba, Jr., Woodside, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 20, 1936, Serial No. 86,241
6 Claims. (Cl. 178—44)

1. A differential detector circuit comprising two space discharge detector tubes each including a cathode, an anode, a control grid and a screen grid, and circuits therefor, the control grid-cathode circuits and the cathode-anode circuits respectively being connected in push-pull relation, the screen grid-anode circuits of the two detector tubes being connected in mutually regenerative relation, means for impressing separate variable voltages respectively on the individual portions of the control grid-cathode circuits of the two detector tubes, and means in the individual portion of the cathode-anode circuit of one of said tubes directionally responsive to the flow of plate current therethrough to indicate which of said variable voltages is the greater.



2,106,243
RESILIENT BRAKE CONNECTION
George B. Dorey, Westmount, Quebec, Canada
Application June 27, 1935, Serial No. 28,604
Renewed August 2, 1937
4 Claims. (Cl. 74—582)



1. As an article of manufacture, a resilient extensible connection including a rod having at one end thereof a clevis mounted for lengthwise movement relatively to the rod; shoulders on the rod and clevis respectively; a spring encircling the clevis and interposed between the shoulders of the said rod and clevis, said clevis being formed of two parts; each disposed on opposite sides of the rod and formed with an enlarged portion projecting beyond the rod, said enlarged portion being adapted to receive a pin for connection with an adjacent connection; and a separator lying between the end of the rod and the said pin, said separator being rigidly united with the pair of clevis parts and acting as a separator to restrain impingement of the clevis parts on the rod.

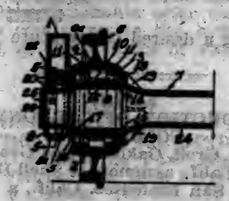
2,106,244
ELECTRICAL DEVICE
John R. Flegal, New York, N. Y., and Neil Y. Prisamman, Wyoming, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 19, 1936, Serial No. 80,644
7 Claims. (Cl. 178—396)

1. In combination, a plurality of superposed insulating plates, each plate having a central aperture and a slot extending inwardly from an edge to the aperture, the apertures and slots being in alignment to define a passage and an elongated slot connecting therewith, rectifying elements mounted in the central passage, conductive terminal members interposed between



said elements and having extensions projecting through said elongated slot, and means for securing said plates together and for applying pressure to and for adjusting the pressure between said elements and members, said means including a pressure member at one end of the passage and a resilient member at the other end of said passage.

2,106,245
AXLE STRUCTURE
Charles F. Fredo, St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application October 11, 1933, Serial No. 693,057
15 Claims. (Cl. 105—194)

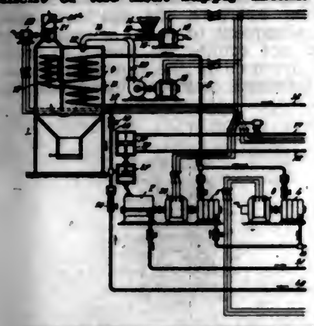


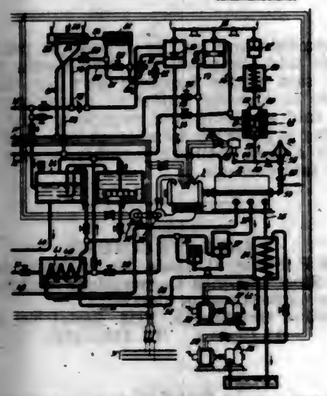
1. In a railway vehicle, a side frame including a pedestal, a wheel-mounting axle including a main body part slidably engaging the pedestal jaws, and a removable seat on said part for mounting an equalizer element.

2,106,246
POWER PLANT
Hans Gleichmann, Falkenhain, near Spandau, Germany, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany
Application September 28, 1933, Serial No. 691,249. Renewed April 10, 1937. In Germany September 30, 1932
26 Claims. (Cl. 60—106)

1. In a power plant, a prime mover, a boiler supplying steam to the prime mover, heat supply means for the boiler, feed water supply means for supplying water to the boiler and determining the operating pressure, a governor operated by the prime mover and controlling operation of the feed water supply means so that the boiler operating pressure increases with increases in prime mover

load and vice versa, and means providing for adjustment of the heat supply means so that





steam having a desired temperature may be secured.

2,106,247
PRODUCTION OF CARBONYLIC COMPOUNDS
Herbert P. A. Groll, Oakland, and George Hearne, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application July 13, 1934, Serial No. 734,992
19 Claims. (Cl. 260—138)

1. A process for the production of valuable carbonylic compounds which comprises heating a halogenated epoxide with water under acid conditions and a pressure substantially greater than atmospheric to a temperature at least equal to 100° C., whereby the halogenated epoxide is converted to a compound of the class consisting of aldehydes and ketones, and removing the resulting carbonylic compound from the reaction mixture substantially as soon as it is formed therein.

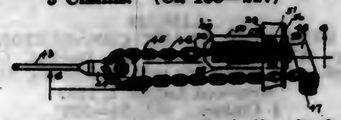
2,106,248
STATIC RESISTING GARMENT
Samuel S. Hall and Judd B. Hall, Carrollton, Ohio, assignors to The Surety Rubber Company, Carrollton, Ohio, a corporation of Ohio
Application December 24, 1936, Serial No. 117,574
3 Claims. (Cl. 2—168)

1. A glove of rubber or the like provided with a tubular sleeve portion having an annular groove spaced from its end, the end portion of said tubular sleeve portion being outwardly flared beyond said groove whereby said flared end portion may be turned back at said groove to form



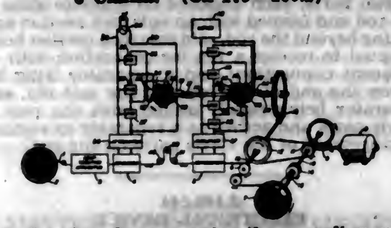
an endless, outwardly flared trough entirely spaced from the exterior of the remainder of said tubular sleeve portion.

2,106,249
HAND BRAKE FOR RAILWAY CARS AND THE LIKE
Olivier A. Harel, Montreal, Quebec, Canada, assignor to George E. Dorey, Montreal, Quebec, Canada
Application July 28, 1934, Serial No. 737,354
5 Claims. (Cl. 188—217)



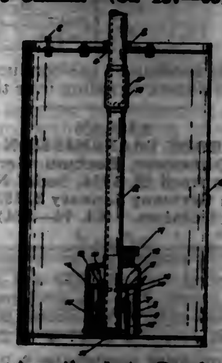
1. In a railway car brake including brake elements and a manually operated take up device for operating said brake elements; connecting means between the brake elements and the take up device, said connecting means including a pulley block and a flexible connection looped around said pulley block and having its opposite ends respectively connected to the car structure and with the take up device; a bracket rigidly mounted on the car structure and a spring interposed between the dead end of the chain and the car structure, said spring being directly supported by the bracket.

2,106,250
TESTING SYSTEM
Clarence N. Hickman, Jackson Heights, and Burton A. Kingsbury, Brooklyn, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 27, 1936, Serial No. 71,102
6 Claims. (Cl. 179—100.2)



1. A system for measuring the recording properties of telegraphone record members comprising means for moving the member, recording and reproducing magnets in spaced relation along the member, signal measuring apparatus, a circuit including an amplifier connecting the reproducing magnet to the measuring apparatus, a signal source of adjustable frequency, and means for alternately connecting the source to the recording magnet and disconnecting it therefrom and varying the effective gain of the amplifier at predetermined intervals whereby said apparatus alternately measures both the noise and signal levels of the record member.

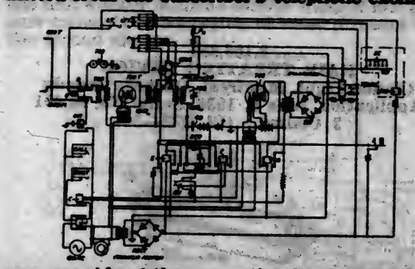
2,106,251
AUTOMATIC SHUT-OFF VALVE
Albert R. Hunt, Riverside, Conn.
Application October 7, 1936, Serial No. 104,256
6 Claims. (Cl. 137—68)



1. In an automatic shut-off valve, a housing open at its lower end and closed at its upper end, a check valve in said upper end, an outlet pipe attached to said upper end and depending within said housing, a cup shaped liquid container closed at its bottom end and open at its upper end and attached within the open end of said housing and spaced therefrom so as to form an annular passage between the outer wall of said liquid container and the inner wall of said housing, a cup shaped float closed at its lower end and open at its upper end located within said liquid container and surrounding the depending end of said outlet pipe, vertical guides for said float, a stop to limit the downward travel of said float, a flange attached to the upper open end of said float, openings in said float below said flange, the inside diameter of said flange being greater than the outside diameter of said outlet pipe, the outside diameter of said flange being smaller than the inside diameter of said liquid container, the passages so created adjacent the outside and inside edges of said flange, the openings in said float below said flange and the inside dimensions of said float being so proportioned and the stop being so located as to cause said float to remain in contact with said stop when liquid is flowing through all said passages and to cause said float to rise and contact with the end of said outlet pipe when liquid ceases to flow through the passages adjacent the edges of said flange.

2,106,252
TELETYPEWRITER STATION
Fullerton S. Kinkead, Bloomfield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 18, 1936, Serial No. 69,194
10 Claims. (Cl. 178—4.1)

1. A substation for use in a system of telegraph communication employing a subscriber's circuit which is effective for communication only when energized, a sending oscillator of carrier frequency at said substation, a control device thereat, means whereby ringing current transmitted from the subscriber's telephone exchange

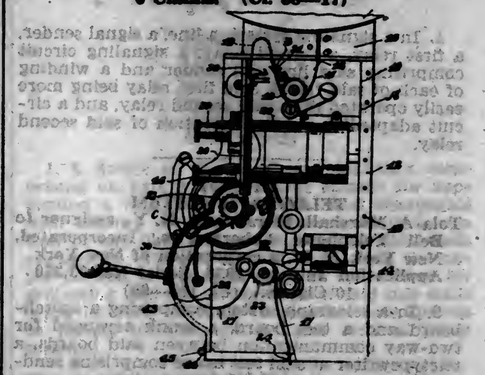


over one side of the connecting line actuates said control device at the subscriber's station to energize elements of the subscriber's circuit including said sending oscillator for unattended service.

2,106,253
PROCESS FOR THE PREPARATION OF HALOGENATED ORGANIC HYDROXY COMPOUNDS
Siegfried Leonard Langedijk, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application July 21, 1933, Serial No. 623,903. In the Netherlands July 25, 1931
7 Claims. (Cl. 260—157)

1. A process for the preparation of halohydrins comprising reacting an unsaturated open chain organic compound containing a tertiary carbon atom possessing a double bond in an olefinic linkage with a hypohalite ester containing an alkyl group contiguous to the hypohalogenous acid radical, in the presence of water.

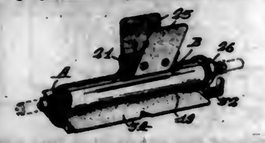
2,106,254
SAFETY DEVICE FOR MOTION PICTURE PROJECTING MACHINES
Carl F. Lick, St. Paul, Minn.
Application February 28, 1934, Serial No. 713,284
6 Claims. (Cl. 88—17)



1. A safety device for motion picture projecting machines in combination with a projector operating with a pair of film loops on either side of the light gate, and a film movable in one direction, controlling means continuously slidable on the film and operable by said loops to shut off the

light rays from the film in the projector by a change in character of the film loops and means pivotally supporting said controlling means at the end thereof first contacted by the film in its travel.

2,106,255
HAIR TREATING DEVICE
Claude Ligot, Montreal, Quebec, Canada
Application June 8, 1936, Serial No. 84,991
3 Claims. (Cl. 132—36)



1. In a hair treating device of the character described, a tubular mandrel, a pair of spaced resilient rings mounted on the mandrel, an annular toothed ratchet member formed on the mandrel, a pair of pivoted clamping jaws adapted to be removably positioned about the rings on the mandrel, spring means yieldingly urging the jaws to clamping position, a spring arm having one end secured to one of the clamping jaws, and a click formed on the free end of the arm disposed to engage the ratchet teeth of the mandrel when the device is assembled, the said click being yieldingly urged into engagement with the teeth so as to hold the mandrel against unwinding rotation when a coil of hair is wound thereon during treatment.

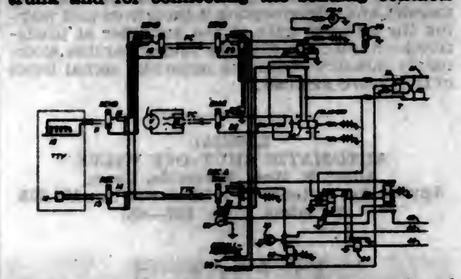
2,106,256
SIGNALING SYSTEM
Frank K. Low, Brooklyn, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 27, 1935, Serial No. 18,564
25 Claims. (Cl. 179—16)



1. In a signaling system, a line, a signal sender, a first relay, a second relay, a signaling circuit comprising said line and sender and a winding of each of said relays, said first relay being more easily operated than said second relay, and a circuit adapted to aid the operation of said second relay.

2,106,257
TELEGRAPH SYSTEM
Tola A. Marshall, Floral Park, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application July 30, 1936, Serial No. 93,350
10 Claims. (Cl. 178—69)

9. In a telegraph system comprising a switchboard and a test board, a trunk arranged for two-way communication between said boards, a teletypewriter at said test board comprising sending contacts and a receiving magnet, means comprising jacks for connecting said sending contacts and said magnet in series with one of the conductors of said trunk for half-duplex signaling over the trunk, and means comprising said jacks for connecting the receiving magnet in series with said one of the conductors of the trunk and for connecting the sending contacts



in series with another of the conductors of said trunk for full duplex signaling over the trunk.

2,106,258
ROPE TRANSMISSION
Otto Ohnesorge, Bochum, Germany
Application April 28, 1934, Serial No. 722,949
In Germany January 2, 1933
14 Claims. (Cl. 74—224)



1. A friction drive comprising a pulley, a tension element trained over the pulley, a track chain helically positioned on the pulley and supporting the tension element, a deflector structure for the track chain having a plurality of anti-friction members engaging a helix of the track chain at circumferentially spaced points, and means acting upon the anti-friction members of said deflector structure and adapted to vary the pitch of the helix formed by the track chain engaging points of said anti-friction members.

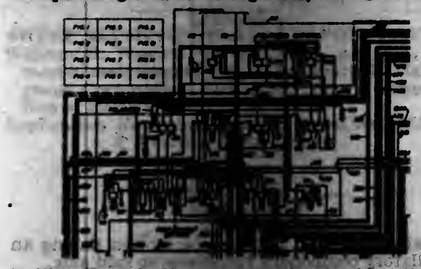
2,106,259
CAR TRUCK
Harry M. Pflager, St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application July 16, 1934, Serial No. 735,236
15 Claims. (Cl. 105—194)



1. In a railway truck, an axle, a side frame, an equalizer having a part carried on said axle and a part spaced therefrom, said equalizer being pivoted between said parts on said frame, and an individual resilient connection between said last-mentioned part and said frame, said side frame terminating adjacent its pivotal connection with said equalizer and said equalizer being forked so as to straddle said side frame.

2,106,260
TELEPHONE SYSTEM
Ralph Raymond, Nyack, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 19, 1935, Serial No. 27,240
24 Claims. (Cl. 179—6.3)

1. In a telephone system having selector switches for extending connections from a subscriber's line, a sending mechanism having registers for registering digits indicative of the designation of a desired line, other registers, means under the control of said first registers for operating said other registers, means for con-



trolling the selective movements of said switches in accordance with the setting of said registers, a chain of relays and means for successively and repeatedly operating said relays to associate said controlling means sequentially with said registers.

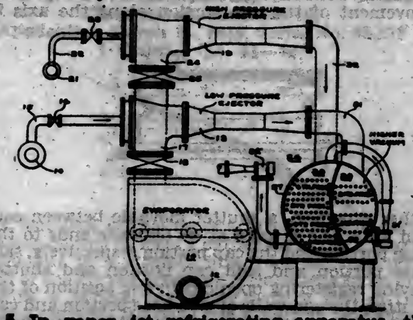
2,106,261
EJECTOR
Robert Lee Spurlin, Port Arthur, Tex.
Application June 12, 1936, Serial No. 85,915
6 Claims. (Cl. 103—263)



1. An ejector comprising a cylindrical casing, an intake nozzle within said casing, a discharge pipe, a bracket between the said casing and the discharge pipe and held in fixed relation to said casing and to said pipe, and a discharge member having a cylindrical portion slidably mounted within the said casing and cooperating with said intake nozzle, having a cylindrical portion slidably mounted within the said discharge pipe, and having an intermediate portion having screw-threaded engagement with said bracket, whereby rotation of said discharge member will cause longitudinal sliding movement thereof within said casing and within said discharge pipe.

2,106,262
STEAM JET REFRIGERATION APPARATUS
Ernest F. Stalcup, Ridley, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 24, 1936, Serial No. 76,223
6 Claims. (Cl. 62—152)

1. In vapor jet refrigerating apparatus, the combination of evaporator means, first and second ejectors for withdrawing vapor from said evaporating means to effect cooling by evaporation of liquid therein, said first and said second ejector being designed and constructed for operation with motive fluid of relatively low pressure and motive fluid of relatively high pressure, respectively, condensing means comprising first and second condensing chambers for condensing the vapor exhausted by said first and second ejectors, respectively, and means for conveying cooling water through said first and second condensing chambers in series in the order named, whereby the first ejector utilizing motive fluid of low pressure exhausts into a region of lower pressure than the second ejector.



5. In vapor jet refrigerating apparatus, the combination of first and second evaporator chambers, means for conveying liquid to be cooled through said first and second chambers in series in the order named to effect cooling thereof in successive stages, a first ejector designed and constructed for operation with motive fluid of relatively low pressure for withdrawing vapor from said second evaporator chamber, a second ejector designed and constructed for operation with motive fluid of relatively high pressure for withdrawing vapor from said first evaporator chamber, condensing means comprising first and second condensing chambers for condensing the vapor exhausted by said first and second ejectors, respectively, and means for conveying cooling water through said first and second condensing chambers in series in the order named, whereby the first ejector utilizing motive fluid of low pressure exhausts into a region of lower pressure than the second ejector.

2,106,263
HOLDER FOR A ROLL OF STRIP MATERIAL
Saul Teaher, Brooklyn, and Samuel A. Kerenes, New York, N. Y.
Application January 22, 1936, Serial No. 60,322
5 Claims. (Cl. 242—55.5)



1. A device of the character described comprising an axially contractable spindle for supporting a roll of strip material and engageable with bearing sockets in a recess provided in a wall or the like; and a cover having side walls engageable with said spindle and closing the upper portion of the open front of said recess for protecting said roll, at least one of said side walls being laterally movable to contract said spindle to permit its insertion in and removal from sockets.

2,106,264
CLOSURE FOR RECEPTACLES
Percy M. Thorn, New Rochelle, N. Y.
Application December 19, 1935, Serial No. 55,157
12 Claims. (Cl. 221—64)

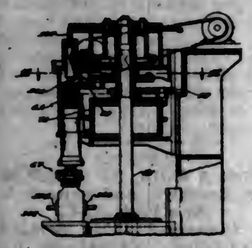
1. A closure of the character described compris-

ing in combination a base portion having an end wall and a side wall, and a circumferential indentation within the side wall, a cap portion having an end wall and a side wall, fitting over said base portion and having an indentation fitting within the indentation in said base portion and engaging both edges of said indentation to prevent movement of the cap portion along the axis in



either direction, a shutter movable between said end walls and pivoted at its opposite ends to the base portion and the cap portion respectively, said base portion and said cap portion and shutter having registering openings in one position of the shutter, the end walls of said base portion and cap portion being so formed as to exert pressure upon the shutter immediately surrounding the opening in the base portion.

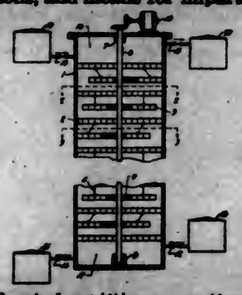
2,166,265
CLOSURE APPLYING MACHINE
Dominic W. Tiano, Boston, Mass., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass., a corporation of Massachusetts
Application July 18, 1936, Serial No. 91,395
9 Claims. (Cl. 226—38)



4. In a closure applying machine, in combination, a closure applying device having means for engaging a cap during the rotation thereof to screw the same onto a threaded container, means for rotating the closure applying device in one direction to apply the closure to the container, and means for thereafter effecting the relative rotation of the container and closure thus applied to partially unscrew the closure.

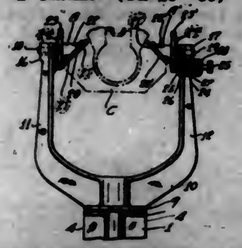
2,166,266
PROCESS AND APPARATUS FOR CONTACTING FLUIDS
Sigbeen Tijmstra, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
Application February 4, 1936, Serial No. 62,295
13 Claims. (Cl. 261—113)

1. An apparatus for contacting relatively immiscible fluids, comprising a chamber adapted to contain said fluids, a fluid inlet and a fluid outlet near opposite ends thereof, a plurality of partitions arranged transversely within the chamber, each of said partitions being provided with baffles substantially parallel with the axis of the chamber and each partition having a plurality of perforations, and means for imparting to some



of said perforated partitions a motion having an oscillatory component transverse to said axis.

2,166,267
MOTOR-BLOCK STAND
Walter G. Vellmer, St. Louis, Mo., assignor to H & H Machine & Motor Parts Co., St. Louis, Mo., a corporation of Missouri
Application August 21, 1936, Serial No. 97,198
1 Claim. (Cl. 29—89)



A motor-block stand for supporting and holding a motor block to allow ready bodily placement and removal and to allow substantially universal movement of the supported block to give free and unobstructed access to all surfaces and cavities and openings requiring reconditioning, comprising in combination a base, a frame mounted on the base for revolubile movement on a substantially vertical axis, said frame including a pair of upwardly presented laterally spaced arms provided at their upper ends with open-topped axially aligned substantially V-shaped spindle receiving bearings, one of said arms having a transversely shiftable spring-pressed pin extending therethrough, a pair of companion motor engaging members each including as an integral structure a shank having at its one end an axially outwardly extending diametrically reduced spindle and at its other end a flat face plate extending laterally outwardly on each side of the shank and having a mounting face provided with a plurality of apertures in registration with standard openings in a motor block to be supported and being disposed in a plane at an oblique angle to the shank axis for detachable supporting connection with the standard openings on a motor block, and a transverse plate located concentrically of the shank intermediate its ends joining the shank with the spindle, said plate having an annular series of spaced apertures for selective position-determining engagement with the spring-pressed pin, said motor engaging members being thus bodily carried by and being movable with the motor block and having the spindles thereof in axial alignment on

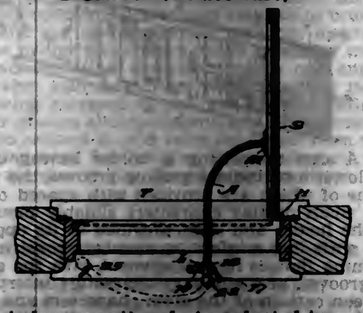
opposite sides of the motor block in laterally outwardly extending relation for rotative reception in the V-shaped spindle receiving bearings.

2,166,268
SHEET ALUMINUM PLANOGRAPHIC PLATE
William B. Wescott, Dover, Mass., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio, a corporation of Delaware
Application November 8, 1935, Serial No. 48,935
9 Claims. (Cl. 148—6)



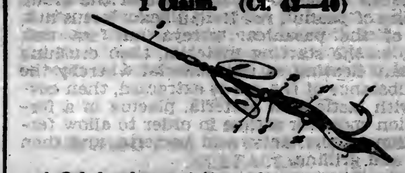
2. The process of preparing planographic printing plates from sheet aluminum which comprises immersing said sheet aluminum in a solution of an alkali aluminate until the surface of said aluminum is freed from grease, is minutely pitted, and is sensitized to fatty acids.

2,166,269
WINDOW OPERATING DEVICE
James Elmer Auld, Cocoanut Grove, Fla.
Application February 17, 1936, Serial No. 64,374
1 Claim. (Cl. 268—117)



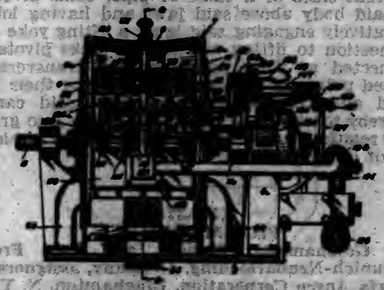
A window operating device adapted to move a window mounted to swing in a horizontal plane, comprising a flexible adjusting member consisting of a wire cable located within a flexible casing of co-extensive length, an abutment plate adapted to be secured to the sash and having a receiving chamber into which one end of said casing is projected, means for anchoring the last mentioned end of the flexible member within said chamber in such manner as to prevent endwise and rotative movements of the adjusting member, a ball-like handle having a recess formed therein, the other end of the flexible member being inserted into said recess, the edges of the recess being clamped around the adjacent end portion of the flexible member in such manner as to prevent relative movement thereof with respect to said handle, and an anchor member through which the flexible adjusting member is arranged to travel, said anchor member having means for releasably gripping said adjusting member in such manner as to lock the same against movement, said flexible member being sufficiently rigid to normally hold the sash in any adjusted position but possessing enough flexibility to slowly double upon itself under the impact of a sudden blow applied to the sash while in open locked position, so as to protect the sash from injury.

2,166,270
FISHHOOK
Clare Bryan, Chicago, Ill.
Application March 16, 1936, Serial No. 69,236
1 Claim. (Cl. 43—40)



A fish hook consisting of a wire having one end portion curved to form a barbed hook and a shank extending in a straight line from the rear portion of the curved hook and terminating in an eye having a portion projecting from a side of the shank opposite the barb and a portion projecting from the same side of the shank as the barb, the latter portion of the eye having contacting relation with the shank and then extending laterally from the shank in the plane of the eye to form a pin having a head at its end, and an enlargement intermediate the length of the shank whereby a pork rind formed with a perforation intermediate the length thereof and a second perforation at one end thereof may be maintained in assembled relation on the fish hook with the shank of the hook and the pin extending through the perforations and the head of the pin disposed opposite one side face of the pork rind and the enlargement against the other side face of the pork rind, the portion of the rind between the pin and the enlargement lying substantially in contact with the adjacent portion of the shank throughout its length.

2,166,271
ROTARY STEAM ENGINE
Leslie W. Downward, Wilmington, Del., assignor to The Downward Turbine Corporation, Wilmington, Del., a corporation of Delaware
Application August 14, 1933, Serial No. 685,139
Renewed September 16, 1936
21 Claims. (Cl. 253—44)

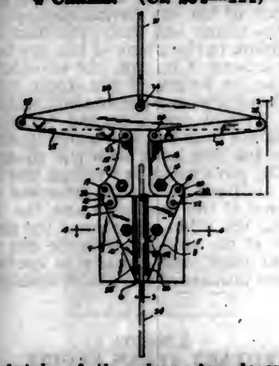


1. A rotary engine including a shaft, a rotor carried by the shaft means constructed to direct steam to the rotor, reversible blades carried by the rotor adapted to deflect the steam in a direction opposite to the direction of rotation of the rotor, a stator, reversible blades on the stator adapted to receive steam from the rotor and to change the direction of rotation thereof, and another rotor receiving steam from the stator.

2,106,272
PROCESS OF PRODUCING POWDERED COCOA SUBSTITUTION
Seiichi Enaki, Nishiyedogawa-Ku, Osaka, Japan
No Drawing. Application August 22, 1936, Serial No. 97,468. In Japan August 12, 1935
4 Claims. (Cl. 99—26)

1. Steps in the process of producing powdered cocoa substitute comprising, removing the shell and interior cuticle of at least one of the group consisting of peanut, red Indian bean, loctus nut, acorn of the pasanica, torreya nucifera nut, walnut, as the starting material, then crushing and steam heating of the material whereby the fatty substance of the nut is extracted, then covering with lactic acid bacteria, placing in a fermentation room for a time in order to allow fermentation by the lactic acid bacteria, and then drying and grilling.

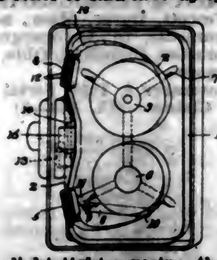
2,106,373
CABLE AND PIPE CLUTCH
Carl D. Garriott, Eagle City, Okla.
Application July 17, 1936, Serial No. 91,241
4 Claims. (Cl. 294—114)



1. A clutch of the character described, said clutch comprising a body containing oppositely and downwardly converging slideways, opposed triangular jaws having their hypotenuse sides sliding on said slideways and having their altitude sides formed with gripping surfaces for gripping different sides of a cable or pipe, cams pivoted on said body above said jaws and having lobes operatively engaging said jaws, a lifting yoke for connection to lifting means, and links pivotally connected at their outer ends to transversely spaced points of said yoke and having their inward ends pivotally connected to said cams, whereby to cam said jaws downwardly into gripping relation to said cable when said yoke is raised out of initial position.

2,106,374
FILM MAGAZINE
Leo Goldhammer, Munich, and Paul Frost, Munich-Neuharlaching, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application August 25, 1933, Serial No. 686,848
In Germany August 25, 1932
5 Claims. (Cl. 242—71)

1. A film magazine of the character described comprising a casing having front, rear, bottom, top and end walls, a film-feeding spool and a film take-up spool mounted within said casing and respectively spaced from the opposite end walls thereof, means forming two film channels in the front wall of said casing, one adjacent each end thereof, said channels being slightly inclined with respect to said front wall to facilitate the feed of said film from said feeding spool outwardly through one of said channels and inwardly through the other to said take-up spool and being



lined with a light-tight covering, the position and inclination of said channels with relation to the respective spools being such that the film in passing between said spools and the inner ends of the respective channels deviates from a line connecting the inner end of the respective channel and the surface of the adjacent one of said spools.

2,106,375
INTERCHANGEABLE SIGN
Walter L. Henry, Hamilton, Mo.
Application February 26, 1937, Serial No. 128,612
4 Claims. (Cl. 40—140)



1. A sign comprising a holder having upper and lower longitudinal guiding grooves, the walls of one of which are provided with spaced openings, main display characters slidably mounted on the holder and each provided at its opposite ends with flat reinforcing members constituting retaining flanges for engagement with the guiding grooves, and auxiliary characters interposed between certain of the main characters and provided with reduced tongues extending through the adjacent openings in the holder.

2,106,376
FIRE PROTECTING MEANS
Joseph Hanabist, Brussels, Belgium
Application March 23, 1934, Serial No. 717,105
In Belgium and France March 27, 1933
1 Claim. (Cl. 169—39)



A sprinkler head comprising a fuse including two conducting strips pasted together with a fusible alloy, one of the strips being extended at one end and bent substantially at right angles at that end and the other strip being extended at the other end and bent substantially at right angles at that end, the bent portions of the strips extending in opposite directions, and pressure means for maintaining said fuse under stress, the line of action of the said pressure means being in line with the central longitudinal axis of the fuse.

2,106,377
DISPENSING DEVICE
Hasen G. Lemas, Detroit, Mich.
Application April 6, 1936, Serial No. 73,022
1 Claim. (Cl. 221—19)



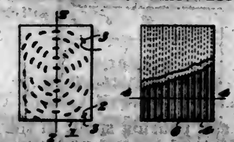
A dispensing device for brushes of the class described comprising a supporting plate having a centrally disposed aperture therein, a discharge tube secured to one side of said plate and depending therefrom and having one end registering with said aperture, a transversely extending cylindrical shaped valve receiving member secured to the other side of said plate having oppositely disposed apertures therein registering with the apertures in the plate, a cylindrical shaped valve rotatably mounted in said member having a transversely extending bore therein adapted upon rotation of said valve to be brought into and out of registration with the apertures in the cylindrical shaped valve receiving member, an operating knob secured to one end of the valve, said cylindrical valve receiving member being recessed at one end thereof defining a pair of stop abutments and a laterally extending pin secured to said valve for cooperation with the abutment for limiting the rotation of said valve member in one direction or the other.

2,106,378
MILK PAIL COVER AND FASTENER THEREFOR
Frank W. Moore, Lennon, Mich.
Application March 3, 1936, Serial No. 66,941
4 Claims. (Cl. 220—58)



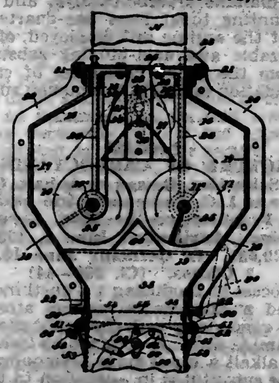
1. A receptacle open at its top, brackets at opposite sides of the receptacle formed of resilient material and each having a base portion rigidly secured against the receptacle and an arm extending upwardly from its base portion and projecting above the receptacle, a tongue struck from the arm of each bracket with its lower end integrally united to the arm, the tongues being bent inwardly and downwardly to provide inverted U-shaped ears of the marginal portions of the arms and when bent downwardly providing resilient securing tongues overlying marginal edges of the receptacle in vertical spaced relation thereto, a bail having its ends formed with eyes engaged with the ears, and a cover resting upon the upper marginal edge of the receptacle and slid horizontally into place to dispose the tongues in overlying relation to opposed marginal portions of the cover, the said marginal portions of the cover being provided with upstanding lugs and said tongues being provided with seats receiving said lugs and frictionally gripping the same to securely but detachably hold the cover in place.

2,106,379
METHOD FOR MOUNTING PRINTING SURFACES
Edward George Newing, Dover, England
Application May 23, 1934, Serial No. 727,193
In Great Britain June 1, 1933
5 Claims. (Cl. 29—148)



1. A method of mounting metal printing process plates on bases of metal harder than the metal of the plates, comprising securing an intermediate plate of metal harder than the printing plate and provided with raised parts on its upper surface to the base, providing the under surface of the printing plate with depressions, and pressing the printing plate down upon the intermediate plate to cause the raised portions of the intermediate plate to cut into the under surface of the printing plate.

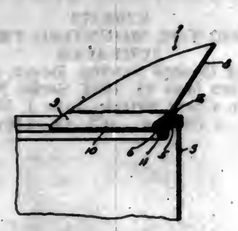
2,106,380
CONVEYER-DISTRIBUTOR FOR COTTON AND LIKE MATERIALS
Hugh Roberts, Jr., Columbus, Ga., assignor to Cen-Tennial Cotton Gin Company, Columbus, Ga., a corporation of Georgia
Application May 16, 1936, Serial No. 80,216
8 Claims. (Cl. 19—74)



1. A conveyer-distributor comprising a trough having at least two discharge openings longitudinally spaced along its bottom, a pair of conveyer screws positioned and arranged with their

axes substantially at the same level and extending along said trough and above the openings, means for rotating the screws so that their adjacent sides turn downwardly, and a ridge member in said trough extending upwardly between the screws and passing across at least one said opening to close a portion of the same beneath the space between the screws.

2,166,231
POURING SPOUT
Alvan S. Rough, Evansville, Ind.
Application October 7, 1935, Serial No. 43,955
7 Claims. (Cl. 221—23)



1. A paint can pouring spout in the form of an attachment for said can comprising a sheet metal spout provided at its inner end with an attaching portion including an inclined flange adapted to span the customary accommodation and retention channel constituting a permanent part of said can, said flange being formed with a downturned guard and retaining lip, and separate keeper means for sustaining the flange and spout in place.

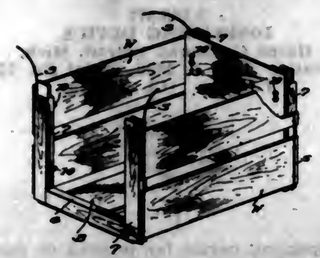
2,166,232
PROCESS AND COMPOSITION FOR DYEING WITH ANILINE BLACK
Karl Schmidt, Krefeld, Germany
No Drawing. Application March 27, 1936, Serial No. 71,215. In Germany May 14, 1934
3 Claims. (Cl. 8—5)

2. In the dyeing and printing of textiles with aniline black, the step of treating the textile with a composition comprising an aniline salt, an oxidising agent, a heavy metal salt, at least one aromatic diamino organic catalyst and a quantity, amounting to at least one-quarter of the amount of the aniline salt employed, of at least one oxidizable and acid-binding substance selected from the group consisting of carbamide and degradation products of albumen substances.

2,166,233
MANUFACTURE OF CARBOCYANINE DYES
Wilhelm Schneider, Dessau in Anhalt, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application June 4, 1934, Serial No. 729,021. In Germany June 10, 1933
3 Claims. (Cl. 260—44)

1. A process of producing a trimethine cyanine substituted at the central carbon atom, which comprises condensing with the application of heat the acid amide which is obtained by treating with a strong alkali a quaternary ammonium salt of an oxazole substituted in α-position to the nitrogen atom by a radical selected from the group consisting of alkyl, aralkyl, aryl, a hydroaromatic group and a heterocyclic group, with a quaternary ammonium salt of an azole selected from the group consisting of 2-methylbenzthiazole, 2-methylbenzselenazole, 2 - methylnaphthothiazole and 2-methylnaphthselenazole.

2,166,234
WIRE BOUND PACKAGE
Jack W. Simmons, Tallahassee, Fla.
Application March 9, 1936, Serial No. 67,971
2 Claims. (Cl. 217—47)



1. A collapsible package comprising in combination, a foldable unit consisting of opposed side walls and a bottom connected in loosely hinged relation by attached flexible binding elements, end cleats carried by the ends of said walls, headed studs carried by and projecting laterally inward of said cleats, detachable panels insertible and movable between said walls when in service position, and said panels being provided with key-hole slots adapted to take over said studs for interlocking said panels with said wall end cleats.

2,166,235
SHIM STRUCTURE
Ray W. Springer, Detroit, Mich.
Application February 28, 1936, Serial No. 66,155
3 Claims. (Cl. 154—43)

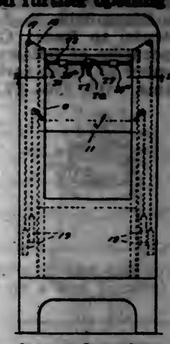


2. A load carrying shim consisting of a plurality of superimposed layers of relatively coarse woven fibrous material individually impregnated with rubber deposited from latex of a character rendering each layer relatively permanently tacky, said superimposed layers being compressed so that the latex is forced intimately into the porosities of the several layers forming a continuous connective resilient binder body extending throughout the several layers and bonding them securely together.

2,166,236
REFRIGERATOR CLOSURE MEANS
Newell Richard Tripp, Joplin, Mo.
Application September 24, 1936, Serial No. 102,394
2 Claims. (Cl. 20—19)

1. In a refrigerator having a vertical doorway therein, a pair of upper and lower doors closing the upper and lower halves of said doorway, respectively, and vertically slidable downwardly into opening positions, and over-balancing means for each door urging the same toward closing positions, the lower door having a ledge along the lower edge thereof in the path of opening movement of the upper door, said upper door

in the half-open position thereof engaging said ledge and upon further opening movement thereof moving the lower door toward opening position.



2,166,237
BUILDING UNIT AND WALL
John Wright Warren, Knoxville, Tenn.
Application November 16, 1932, Serial No. 643,374
7 Claims. (Cl. 72—39)



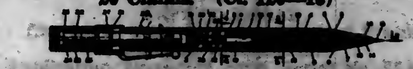
1. A building wall comprising a plurality of units arranged in horizontal courses, certain of the units having a horizontally extending depression and a vertical channel communicating with the depression, a veneer for the wall and a tie having a portion fastened to the veneer and in the depression and another portion embedded in the channel securing the veneer to the units.

2,166,238
PACKAGE
Raymond L. Wise, New York, N. Y.
Application April 11, 1935, Serial No. 15,847
13 Claims. (Cl. 229—51)



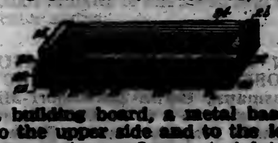
1. In a package, a sheet folded around to form front, back, and side walls, and projecting past an end, a slot in the sheet across one side at the foot of the projecting portion, a tab member having an upper glued surface inserted partially through said slot leaving a flap portion projecting outside, the parts of the sheet which project past the end being folded down over the end, and a revenue stamp applied transversely over the said end of the package, the inner end of said tab extending to under the edge of the revenue stamp, said tab body being substantially rectangular and of material stronger than that of the sheet and of approximately the full width of the side wall, its glued surface adhesively securing it to the sheet for the full width of the tab body and over substantially its entire surface.

2,166,239
MECHANICAL PENCIL
William H. Blake, Brooklyn, N. Y.
Application October 30, 1936, Serial No. 106,506
20 Claims. (Cl. 120—13)



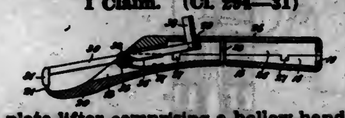
1. A pencil including a barrel provided with a thread, a rotatable, longitudinally slotted guide tube inserted in the forward end of the barrel with means to limit complete insertion therein, a lead holder axially movable in the tube having follower means projecting through the slot in said guide tube to engage said thread, manually rotatable means inserted into the other end of said barrel, and means to secure the last named means to the tube to maintain a driving connection therewith to rotate the tube positively in either direction.

2,166,240
BUILDING BOARD
Edward F. Crane, Newark, N. J., assignor to Norman E. Crane, Newark, N. J.
Application June 2, 1936, Serial No. 83,613
4 Claims. (Cl. 189—34)



4. In a building board, a metal base, boards secured to the upper side and to the lower side of said base, waterproofing material interposed between the upper board and the base, and soundproofing material interposed between the lower board and the base.

2,166,291
PLATE LIFTER
Stanley Duraj, Russelton, Pa.
Application July 6, 1936, Serial No. 88,959
1 Claim. (Cl. 294—31)

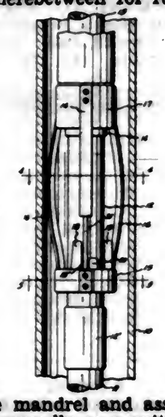


A plate lifter comprising a hollow handle composed of upper and lower sections riveted in registration, an upturned jaw on said lower section extending outwardly beyond the upper section, a lever pivoted in said lower section, said lever having a jaw cooperative with the first named jaw, an enclosed bowed spring to close said jaws, and a rigid thumb knob on said lever extending upwardly through the main portion of said upper section to cause separation of said jaws.

2,166,292
ANCHORING DEVICE
Samuel Allen Gulbertson, III, Dallas, Tex., assignor to The Gulbertson Corporation, Dallas, Tex., a corporation of Delaware
Application November 9, 1936, Serial No. 109,903
4 Claims. (Cl. 105—12)

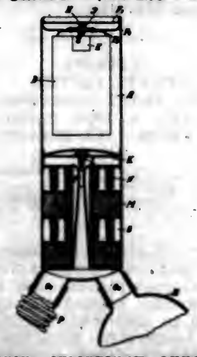
1. An anchoring device including, a mandrel, an elongate rib on the mandrel, a spring assem-

bly slidably mounted on the mandrel and including a ring surrounding the mandrel, elongate lugs on the ring for confining the rib within predetermined limits therebetween, a shorter lug on the ring adjacent one of the elongate lugs forming a notch therebetween for receiving the rib



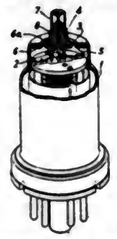
to connect the mandrel and assembly whereby they move downwardly as a unit, said ring having a slot formed therein for receiving the rib and spaced from the notch, whereby the mandrel may move downwardly with relation to the assembly.

2,106,393
OXYGEN EMERGENCY APPARATUS WITH CLOSED RESPIRATORY CIRCUIT
Max Hausmann, Berlin-Zehlendorf-Mitte, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application October 21, 1936, Serial No. 106,729
In Germany December 5, 1929
3 Claims. (Cl. 128—191)



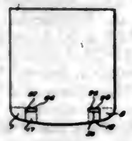
3. An oxygen emergency apparatus with a closed respiratory circuit comprising a gas chamber, means for generating oxygen in said chamber, a carbon dioxide absorption chamber adjacent said gas chamber, a nozzle attached to said gas chamber, a mixing tube surrounding and extending beyond the end of said nozzle, means disposed around said mixing tube for holding carbon dioxide absorption chemicals, a duct for leading at least part of the air exhaled by the user to a point adjacent the carbon dioxide absorption chemicals, discharge of generated oxygen through said nozzle into said mixing tube causing a circulation of exhaled air through said absorption chemicals.

2,106,394
METAL TUBE LEAD-IN BUSHING
Loris E. Mitchell, Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware
Application November 25, 1936, Serial No. 112,635
3 Claims. (Cl. 250—27.5)



1. A radio receiving tube comprising a metal envelope, an opening in the wall of said envelope, a metal washer concentric with and sealed gas-tight to the envelope over said opening, a lead-in conductor extending centrally through the opening of said washer and insulatingly sealed gas-tight to said washer by a mass of glass of a temperature co-efficient of expansion substantially that of said washer, and a thimble-like contactor electrically connected to said conductor and mechanically supported on and insulated from said envelope by said mass of glass.

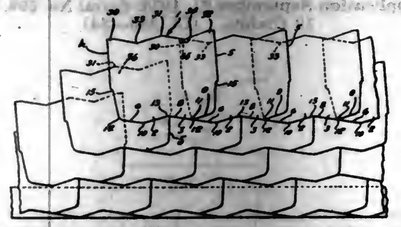
2,106,395
COVERING MATERIAL
John A. Topping, Bronxville, N. Y.
Application April 22, 1933, Serial No. 667,423
1 Claim. (Cl. 108—7)



An individual interlocking shingle having two like-extending side edges and an edge to be exposed extending generally transversely to said side edges, said shingle having a pair of slits in the body thereof extending inwardly from said edge to be exposed generally like-extending with said side edges, each of said slits lying between a side edge and the center of the shingle, said shingle for each slit also having a slot in the body thereof extending from said slit transversely thereto toward the center of the shingle.

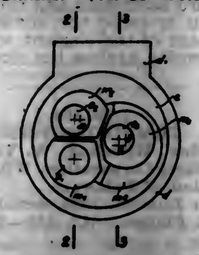
2,106,396
ROOF CONSTRUCTION
John A. Topping, Bronxville, N. Y.
Application September 28, 1933, Serial No. 691,295
15 Claims. (Cl. 108—7)

1. A roof construction comprising a plurality of roofing elements laid in overlapping courses and with a lateral edge of one element overlapping the element laid adjacent thereto in the course, said elements having the exposed coursewise edges thereof of serrated outline providing outwardly projecting portions, said outline having a part thereof extending from the outermost point of an outwardly projecting portion in a lateral direction to a point positioned with respect thereto inwardly of the element, said elements being laid in the roof with the outermost point of an outwardly projecting portion of one element substantially coincident with an inwardly positioned point of the adjacent element and with corre-



sponding points in the elements in each course substantially on a line parallel to the line of the course.

2,106,397
OPTICAL ADJUSTING DEVICE FOR CINEMATOGRAPHIC APPARATUS
Pierre Angénieux and Jean Marie Gutmann, Paris, France
Application April 6, 1935, Serial No. 15,004
In France April 16, 1934
4 Claims. (Cl. 88—16.4)



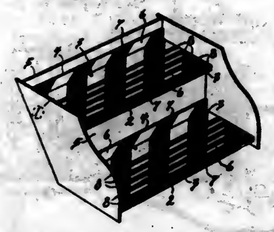
1. An adjustable optical device for a polychromic motion picture camera having a ring adapted to be fixedly mounted in a recess provided in the motion picture camera, a cylindrical block rotatably mounted in said ring, three objectives having their axes disposed at the apices of a triangle for projecting three pictures of the same scene on a standard strip of film, a mounting for each objective, the three mountings being positioned in said block and at least two of said mountings being rotatably received in said block, each on an axis eccentric to the optical axis of their corresponding objective, whereby the relative positions of the three objectives with respect to each other and the position of the whole of the three objectives with respect to the direction of movement of the film in the camera can be adjusted.

2,106,398
DRAWING INSTRUMENT
Alexander P. Bertasch, Lockport, N. Y.
Application May 10, 1935, Serial No. 20,783
5 Claims. (Cl. 33—27)



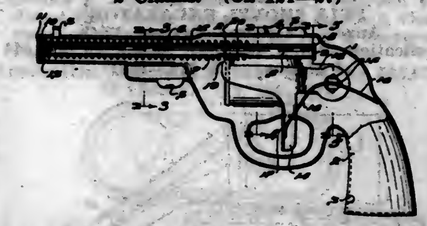
2. A scribing instrument for making ellipses, comprising a beam having holders thereon for a pivot stylus and scribing stylus, a supplementary holder adjustable lengthwise of the beam relative to said first-named holders and having a selective pivot stylus thereon adjustable axially to and from a pivot contacting position, and a spring for normally holding the supplementary pivot stylus at an elevation above that of the first-named pivot stylus.

2,106,399
SAFETY TREAD
Charles A. Beaumont, Decatur, and Frank Sherritt, Chicago, Ill.
Application August 12, 1935, Serial No. 35,800
5 Claims. (Cl. 20—79)



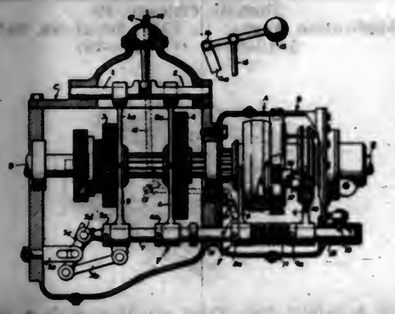
1. A safety step tread provided with a tread surface having contrasting color strips arranged diagonally of the tread and having spaced parallel strips of irregular surface anti-slip character arranged longitudinally of the tread and interrupting said color strips.

2,106,400
TOY PISTOL
Charles A. Brethen, Wyandotte, and John Gora, Ecorse, Mich., assignors to All Metal Products Company, Wyandotte, Mich., a corporation of Michigan
Application April 4, 1936, Serial No. 72,724
2 Claims. (Cl. 124—27)



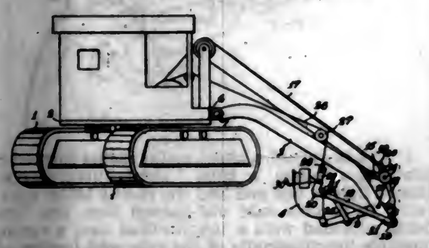
1. In a toy pistol, a sheet metal casing formed to simulate a pistol, a tube having integral out-turned lugs at one end and the casing being apertured to receive said out-turned lugs, the tube being provided with a longitudinal slot, a spring movable longitudinally of the tube and having an end extending through said slot, a trigger member pivotally mounted in the casing and having a hook end, the trigger member being provided with a flange, a pair of hook lugs extending from the trigger member in spaced relation with the flange, a spring wire engaging in the hook lugs and against the flange of the trigger member at one end and engaging the casing at the opposite end, the arrangement being such that the spring wire tends to turn the trigger on its pivot to maintain the hook end in contact with the coils of the spring, the spring being compressible against the out-turned lugs of the tube and the hook end of the trigger member being engageable over the end of the spring when so compressed.

2,106,461
MOTOR CAR CONTROL DEVICE
Lindsay H. Browne, Rochester, N. Y., assignor, by mesne assignments, to Josiah Austice & Co. Inc., Rochester, N. Y., a corporation of New York
Original application October 16, 1931, Serial No. 569,189, now Patent No. 2,038,963. Divided and this application January 20, 1936, Serial No. 61,425. Renewed June 15, 1937
16 Claims. (Cl. 192—4)



1. In combination in a self-propelled vehicle transmission mechanism, means for permitting rotative over-running of the driven shaft with respect to the power driving shaft when driving or set to drive the vehicle in a forward direction, means to automatically prevent back-rolling of the vehicle and interconnections for preventing the functioning of the back-rolling locking means, and simultaneously preventing the free over-running of the driven shaft or preventing the free over-running without change of the back-rolling means.

2,106,462
PULL SHOVEL EXCAVATOR
Angelo Carlesimo, Detroit, Mich.
Application March 10, 1937, Serial No. 130,644
4 Claims. (Cl. 214—138)



1. In a steam shovel employing a boom as a part thereof, in combination a tiltable dipper, a dipper stick provided with a plurality of selective bearings pivotally mounted in said boom, approximately at the end thereof, one end of said stick being pivotally attached to the back end of the dipper, the other end above its pivotal mounting on the boom being connected to means responsive to the pull of a cable, beam means pivotally mounted on said boom forward of the pivotal connection of the stick, the body of said beam means crossing the stick and being pivotally attached at the other end of the upper middle section of the dipper, and cable means to actuate the said dipper and said dipper stick.

2,106,463
VEHICLE BODY
Raymond L. Carr, Boston, Mass.
Application September 21, 1933, Serial No. 690,331
19 Claims. (Cl. 296—84)



6. In a vehicle body, the combination comprising windshield standard assemblies, and a forwardly curved or bulged glass screen therebetween, a flexible wiper element extending across the screen, and parts movable within the windshield standard assemblies and connected to the wiper element to cause the upward and downward movement of the element while pulling it taut under tension against the screen.

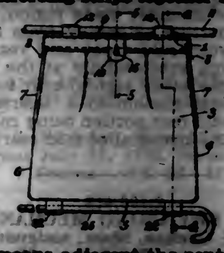
2,106,464
COMPOSITE PIPE
Wylie B. Ewing, Wheeling, W. Va., assignor to Wheeling Steel Corporation, Wheeling, W. Va., a corporation of Delaware
Application June 25, 1934, Serial No. 732,299
3 Claims. (Cl. 138—74)



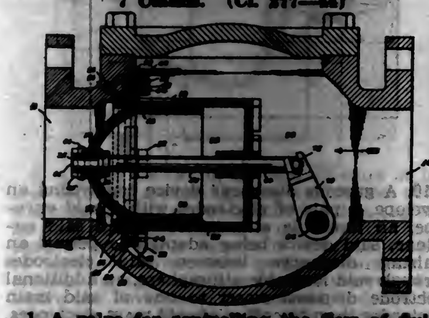
1. A composite pipe comprising a generally tubular member of relatively light construction as compared with thick-walled seamless tubes of comparable size adapted to withstand high pressures, said member having an opening through the wall thereof and having a portion of the material of said member at said opening extending inwardly generally toward the axis of said member and an auxiliary member having portions for attachment of a plurality of branch conduits and permanently connected with said member at said opening and embraced by said inwardly extending portion of the material of said member whereby to permit subsequent attachment of branch conduits at said portions of said auxiliary member.

2,106,465
CONTAINER
Clara D. Havemeyer, Chicago, Ill.
Application February 15, 1936, Serial No. 63,995
1 Claim. (Cl. 190—41)

A bag of generally flat construction having the walls thereof of flexible material, a continuous opening across the top and down each side thereof, reinforcing strips extending along the top at each side of the opening, an individual slide fastener for closing each side opening and forcing the reinforcing strips together and additional fastening means adjacent the center of the said strip for holding the strips together.



2,106,466
VALVE
William A. Heaney, Salem, Mass.
Application December 1, 1934, Serial No. 755,552
7 Claims. (Cl. 277—44)



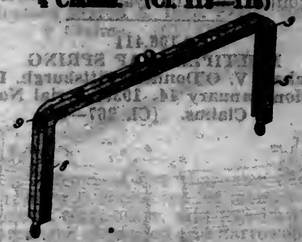
1. A valve for controlling the flow of fluids, comprising a valve body having a fluid passage chamber therein and a recess in the body adjacent to the chamber, means providing a removable valve seat adjacent to the recess, a cooperating member within the recess engaging said means and having a threaded hole therein, and a screw threaded element in the hole of a length not greater than the distance between the two walls of the recess in alignment with the hole, one of said walls having a hole therethrough adapted to permit the passage of a wrench to engage and rotate said element and the element being of greater diameter than the last named hole and adapted upon rotation to crowd said member into tight holding contact with the valve seat means.

2,106,467
CAN TESTING DEVICE
Guy P. Hemsley, Gardena, Calif.
Application November 5, 1934, Serial No. 751,633
3 Claims. (Cl. 73—51)



1. A checking device for filled and centrally sealed cans comprising a moving conveyor for carrying filled cans in an upright position, a plurality of vacuum cups positioned above the cans and movable along with the cans, means for moving the cans into engagement with the cups for causing the cups to contact with the can tops and to enclose the centrally sealed portion on the top, whereby the cups will continue to support the leak-proof cans above the conveyor and faulty cans will drop from their cups onto the conveyor, and means for freeing the leak-proof cans from their cups and for segregating them from the faulty cans.

2,106,468
METHOD OF MAKING FABRIC COVERED BAG FRAMES
William C. Hering, Newark, N. J., assignor to The J. E. Morgott Company, Newark, N. J., a corporation of Delaware
Application June 7, 1935, Serial No. 25,262
Renewed August 10, 1937
4 Claims. (Cl. 112—116)



1. The method of providing a U-shaped hand bag frame with a fabric covering, comprising covering a metal blank with the fabric, attaching said fabric to the blank by means of an adhesive then bending the covered blank into a channelled member, and then bending said member into a U-shaped frame member.

2,106,469
METHOD AND APPARATUS FOR THE EXTRACTION OF JUICES FROM VEGETABLE PULP AND THE LIKE
Clarence E. Jenkins, Keene, N. H., assignor, by direct and mesne assignments, to Beeji Corporation, trustee, Pittsburgh, Pa., a corporation of Delaware
Application September 26, 1931, Serial No. 565,274
23 Claims. (Cl. 100—37)



19. The method of extracting juice from pulp which comprises forming and continuously supplying pulp to an endless strip or procession positioned edgewise to a horizontal plane, simultaneously centrifuging and pressing said strip or procession, and permanently removing part of said pulp from said strip or procession by the difference in adhesion between the wet pulp and the dry pulp.

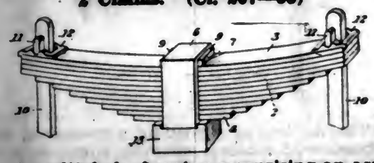
33. Apparatus for removing juice from pulp by a combined pressing and centrifuging, comprising a continuous foraminous member set edgewise to a horizontal plane and being substantially completely open at its bottom, means for driving the member at relatively high speed, means for supplying fresh pulp to the inner surface of the said member, roller means positioned within the said member to press against pulp on the inner face of said member to squeeze it, said roller means constituting the only means for cooperation with the inner surface of said member for

engaging pulp on said inner surface, said member and roller means cooperating to remove the substantially dehydrated pulp by selective action in which the substantially dehydrated pulp is projected from the member into the space enclosed by the member, from whence it falls clear of the member, and means at the outside of the foraminous member for collecting juice discharged centrifugally therefrom.

2,106,410
CERAMIC COMPOSITION
Andrew Malinovsky, South Gate, Calif.
No Drawing. Application January 18, 1936, Serial No. 59,793
3 Claims. (Cl. 106—36.3)

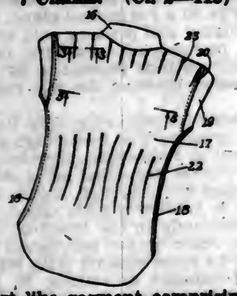
1. A ceramic composition comprising tremolite, bentonitic clay, and cyanite.

2,106,411
MULTIPLE LEAF SPRING
Michael V. O'Donnell, Pittsburgh, Pa.
Application January 14, 1936, Serial No. 59,063
2 Claims. (Cl. 267—53)



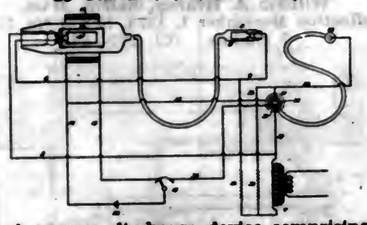
1. A multiple leaf spring comprising an assembly of superposed spring leaves having interfitting complementary projections and recesses at intermediate portions thereof for holding the leaves against relative longitudinal displacement, a band disposed about said intermediate portions of the leaves for holding the leaves together, said band lying in contact with an outside leaf of said assembly and having projection and recess interengagement with said outside leaf for holding the band and said leaf against relative longitudinal displacement, and positioning means lying between and in contact with the opposite outside leaf of said assembly and the inner surface of the band, the positioning means having projection and recess interengagement with said second mentioned outside leaf for holding the positioning means and said leaf against relative longitudinal displacement, and the positioning means and band being interlocked to hold them against relative longitudinal displacement.

2,106,412
SHIRT
James Oviatt, Los Angeles, Calif.
Application October 21, 1936, Serial No. 106,836
7 Claims. (Cl. 2—115)



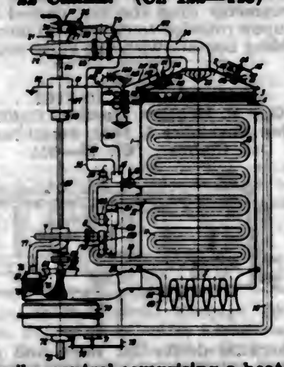
1. A shirt-like garment comprising front and rear portions joined together adjacent the shoulder of said garment, and arm scyes, said rear portion being oversize for a garment of any given size across the shoulder blade region, and tucks in said rear portion extending from the line of juncture between said front and rear portions and terminating substantially at the upper line of said shoulder blade region, said tucks bringing the shoulder portion to a desired size, the arm scyes of said rear portion being raised by the gathering of the material of said rear portion in said tucks.

2,106,413
LAMP SWITCHING MECHANISM
Alfred J. Potté, Chelsea, Mass., assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass., a corporation of Delaware
Application June 11, 1928, Serial No. 284,496
13 Claims. (Cl. 176—124)



10. A gaseous discharge device comprising an envelope, a pair of electrodes within said envelope, an ionizable atmosphere within said envelope, said device being adapted to permit an ionizing discharge between said electrodes through said ionizable atmosphere, an additional electrode disposed closer to one of said main electrodes than the other of said main electrodes, means for connecting said additional electrode to the other of said main electrodes, and means for controlling the current flowing between said closely-spaced electrodes to control the current flowing between said main electrodes.

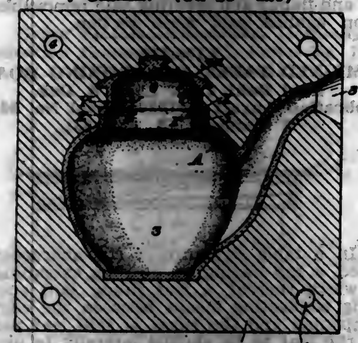
2,106,414
CONTROL SYSTEM
Nathan C. Price, Berkeley, Calif.
Application March 5, 1935, Serial No. 9,368
22 Claims. (Cl. 122—448)



22. A boiler control comprising a heated forced circulation boiler tube fed with a liquid such that vaporization occurs at a region in said tube, a variable volumetric metering means in said region for controlling a supply instrumentality

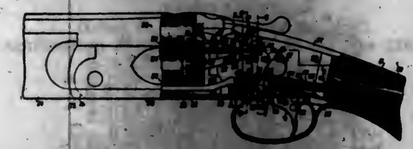
of said tube thereby to maintain a desired working condition in said tube, and said condition being related to the volumetric flow in said region.

2,106,415
METHOD AND APPARATUS FOR THE MOLDING OF COVERED CERAMIC RECEPTACLES
Bernard S. Purinton, East Liverpool, Ohio
Application July 27, 1936, Serial No. 92,751
7 Claims. (Cl. 25—129)



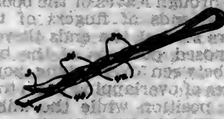
5. A mold for use in the manufacture of hollow ceramic articles having removable covers comprising a porous body into which a slip may be cast, said body having a mold cavity therein shaped to form a receptacle with an opening to receive a cover, said cavity having an extension juxtaposed to the part of the receptacle where the cover is to be received and which is shaped to form the cover for the receptacle, said mold cavity and extension being adapted to form the receptacle and the cover as a single unit in such manner that the cover and the receptacle can thereafter be separated by cutting.

2,106,416
MULTIPLE-BARREL FIREARM
Louis Stiennon, deceased, late of New Haven, Conn., by Roy L. Farrell, administrator, Pine Orchard, Conn., assignor to Winchester Repeating Arms Company, New Haven, Conn., a corporation of Maryland
Application June 20, 1935, Serial No. 27,518
6 Claims. (Cl. 42—40)



1. In a multiple-barrel firearm, the combination with two barrels arranged one over the other; a pair of independently-operable impact-members; a firing-plunger having an integral angularly-projecting firing-point and an impact-surface engageable by one of the said impact-members and extending forwardly and upwardly at an angle to the said firing-point and into a position to fire the cartridge in the uppermost of the two said barrels; a second firing-plunger having an integral angularly-projecting firing-point and an impact-surface adapted to be engaged by the other of the said impact-members and extending forwardly and downwardly at an angle to the said firing-point and into position to fire the cartridge in the lowermost of the two said barrels; and guide-means for each of the said firing-plungers constructed and arranged to guide the same and their firing-points and impact-surfaces in a direction substantially parallel with each other, the impact-surface of each of the said firing-plungers being in substantial alignment transversely of the firearm.

2,106,417
HAIRPIN
Edward I. Veitch, Piedmont, Calif., assignor, by mesne assignments, to Vogue Pin Company of California, Oakland, Calif., a corporation of California
Application March 6, 1935, Serial No. 9,630
2 Claims. (Cl. 132—50)



1. In a hairpin of the character described a pair of resiliently connected leg members, adapted to contact each other, said legs having alternately arranged expanded and narrowed portions throughout a portion of their length to form undulating side edges and said undulations being staggered with relation to each other.

2,106,418
CAR VENTILATOR
Hans Wagner, Magdeburg, Germany
Application February 4, 1936, Serial No. 62,355
In Germany April 3, 1935
1 Claim. (Cl. 98—2)



Ventilating means for windows of closed automobiles comprising a series of brackets each including a main portion of substantially triangular configuration, the inner edge of the base of which is provided with a recess for receiving with a tight fit the apex of the adjacent main portion so that the several main portions form a continuous closed surface for arrangement along the upper part of the frame of a window and conforming to the curvature of the window frame, an attaching flange integral with the inner edge of the main portion and adapted to be secured to the window frame in such a manner that the main portion of the bracket extends laterally from the window and exteriorly of the automobile, the outer edge of each main portion being inclined toward the front of the automobile, a louver member depending from the main portion of each bracket and positioned adjacent and substantially parallel to each inclined outer edge of the said main portion, said louver members being so positioned that when the automobile is in motion a current of air passing over the surfaces thereof creates a vacuum at the open outer ends to exhaust used air from the interior of the automobile.

2,106,419
METHOD OF BINDING BOOKS
Carl J. H. Andersen, Newark, Del.
Application March 18, 1937, Serial No. 131,577
7 Claims. (Cl. 281—21)



6. The method of binding a book with a binder of the character described which comprises forming the binder in U shape, inserting fingers of the of the binder through leaves of the book, applying adhesive to the ends of fingers of the binder, bending fingers so that the ends thereof overlap oppositely disposed portions of the binder with the adhesive between overlapping portions, and fusing the edges of overlapping parts to hold them in overlapped position while the adhesive sets.

2,106,420
WINDOW FIXTURE
Gilbert E. Alphin, Mount Olive, N. C.
Application January 14, 1937, Serial No. 120,804
9 Claims. (Cl. 248—252)



1. A window fixture comprising a horizontally elongated bracket-carrying strip having a central opening, a plate lying against the central portion of said strip and having an opening alined with the aforesaid opening, one screw or nail driven through both of said openings into a window frame and constituting the sole means for attaching both said strip and said plate to said window frame, and an arm projecting from said plate to support an intermediate portion of a rod.

2,106,421
CIRCUMFERENTIALLY DIVIDED WHEEL RIM
William Jared Cox, Woodruff, Utah
Application November 4, 1935, Serial No. 48,942
Renewed November 10, 1937
1 Claim. (Cl. 152—21)



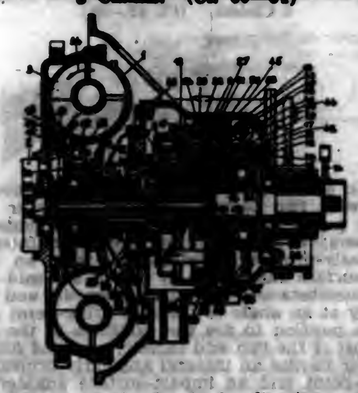
A circumferentially divided wheel rim comprising a continuous one-piece inner rim, one annular web surrounding said inner rim and integrally joined to the inner edge thereof, a second annular web surrounding said inner rim and integrally joined thereto substantially midway between the inner and outer edges of said inner rim, a main outer rim section surrounding both of said webs and integrally joined near its inner edge to said one web, said main rim section being integrally joined between its edges to said second web and projecting outwardly from the same to a lesser extent than said inner rim projects therefrom, a removable rim section abutting the outer edge of said main rim section, said removable rim section having an annular flange widely spaced outwardly from said second web and snugly surrounding the outer edge portion of said inner rim, and bolts passing through said webs and flange and securing said removable rim section against said main section.

2,106,422
COMBINED TABLE AND IRONING BOARD
Fred Dahl, Clear Lake, S. Dak.
Application August 6, 1936, Serial No. 94,637
3 Claims. (Cl. 38—105)



1. In a table structure of the character described, a top having an opening extending the full width thereof, a leaf filling said opening, sliding connecting means between the edges of the opening and the edges of said leaf permitting the leaf to be shifted laterally to uncover the opening, a board having a width through a portion of its length sufficient to fill a portion of the opening when the leaf has been shifted to one position therein, said leaf when shifted to said one position having an end projecting beyond one side of the table top and said board when in the opening having an end projecting beyond the opposite side of the table top, supporting means beneath the table top for the board when the leaf is in position to entirely fill the opening, means for retaining the leaf in opening filled position, and resilient means connected with the leaf and the board whereby upon release of said retaining means the leaf and board will move in opposite directions to dispose them in projecting relation with the sides of the table top as described.

2,106,423
HYDRAULIC TRANSMISSION
Dimitri Semenoff de Lovenzi, Paris, France
Application July 2, 1934, Serial No. 733,696
In France July 3, 1933
8 Claims. (Cl. 60—54)



1. Improvements in hydraulic transmission mechanism comprising a driving shaft, a driven shaft, a rigid member including a pump keyed on said driving shaft, a rigid member including a turbine keyed on said driven shaft, a vane stator between the turbine and the pump, means actuated by the centrifugal force at a certain speed of one of said shafts to rigidly connect said driving and driven shafts, said means wedging between rigid members on the driving and driven shafts respectively.

2,106,424
TRAFFIC-LINE TOY
Georg Einfalt, Nuremberg, Germany
Application January 25, 1937, Serial No. 122,617
4 Claims. (Cl. 246—117)



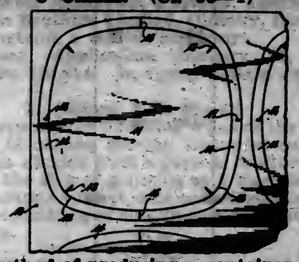
1. A toy traffic-line comprising two tracks crossing each other at a crossing point and having on each side of the crossing point a recess elongated in the longitudinal direction of the track, in combination with signalling means indicating that the traffic along one track is free to move and along the other one that it has to stop, an automatically driven vehicle on the tracks, sliding elongated platforms capable of bringing the said vehicle to a stop, said sliding elongated platforms corresponding to and filling the elongated recesses in the track and being capable of dropping below the surface of the track, whereby the recesses are exposed, means for simultaneously operating the elongated platforms, so that on one track the said platforms will not interfere with the running of the vehicle and on the other track they will bring it to a stop, and for simultaneously operating the signalling means which indicate that along the one track the vehicle is free to move and along the other track that it has to stop; means on the track which are normally operative to maintain the said platforms inoperative, except when the vehicle passes over an exposed recess, and a stop mechanism on the vehicle with which the sliding platforms are adapted to co-operate to prevent or permit its operation.

2,106,425
CONTAINER
Helen G. Grant, Asheville, N. C.
Application January 16, 1937, Serial No. 120,969
7 Claims. (Cl. 206—44)



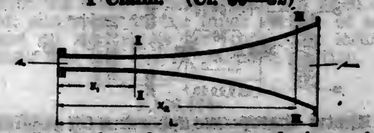
1. A container comprising a base for supporting a product, and a hood formed of a plurality of arch strips in overlying relation to and each attached at its opposite ends to said base and a sheet of covering material overlying said arches and being secured against the under side of said base, each of said arch strips being relatively thin and of relatively great width and positioned with the greater dimension thereof lying in a plane perpendicular to the surface of the said base.

2,106,426
CONTAINER AND METHOD OF MAKING THE SAME
Helen G. Grant, Asheville, N. C.
Original application January 16, 1937, Serial No. 120,969. Divided and this application June 23, 1937, Serial No. 149,961
3 Claims. (Cl. 93—1)



1. A method of producing a container support from flat sheet material comprising forming from a flat, substantially rigid sheet a base member having at least two pairs of openings in the surface thereof and at least two arched members from that portion of the sheet immediately adjacent the portion of which the base member is constituted, thereafter inserting the arched members into the said openings in the base member with the said arched members their greatest cross sectional dimension arranged perpendicular to the plane of the base member and with the greater portion of the length thereof spaced above the base member.

2,106,427
EXHAUST PIPE FOR INTERNAL COMBUSTION ENGINES
Oscar Hansson, Goteborg, Sweden
Application March 12, 1936, Serial No. 68,554
In Sweden October 16, 1935
1 Claim. (Cl. 60—32)



A diffuser shaped vacuum-producing exhaust pipe for internal combustion engines, blowers or the like characterized by the feature that the diffuser shape is determined by the following formula:

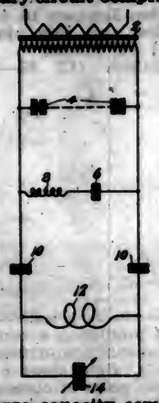
$$s = \frac{1}{\frac{1}{s_0} - \frac{1}{L}\left(\frac{1}{s_0} - \frac{1}{s_{max}}\right) \cdot x}$$

in which formula s is the variable cross section at the distance x from the smallest cross section s_0, while s_{max} is the largest cross section, and L is the length of the diffuser measured between the cross sections s_0 and s_{max}.

2,106,428
DIATHERMIC APPARATUS WITH QUENCHED SPARK-GAP
Josef Hofmann, Berlin-Reinickendorf-Ost, Germany, assignor to Elektrizitätsgesellschaft "Sanitas", Berlin, Germany, a corporation of Germany
Application February 21, 1933, Serial No. 657,793
In Germany February 25, 1932
8 Claims. (Cl. 128—422)

1. Diathermic apparatus for generating short or ultra-short waves comprising, in combination,

an oscillatory circuit including a condenser of relatively small capacity and a quenched spark-gap; an auxiliary circuit in parallel to said spark gap, said auxiliary circuit comprising a condenser



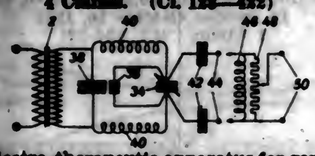
of relatively large capacity compared to that of said first-named condenser; a self-induction preceding said condenser in said auxiliary circuit; and a treatment capacity connected to said oscillatory circuit.

2,106,429

ELECTROTHERAPEUTIC APPARATUS

Josef Hofmann, Berlin-Reinickendorf-Ost, Germany, assignor to Elektricitätsgesellschaft "Sanitas" G. m. b. H., Berlin, Germany, a corporation of Germany

Application December 21, 1933, Serial No. 703,283
In Germany December 23, 1932
4 Claims. (Cl. 128—422)



1. Electro-therapeutic apparatus for generating short or ultra short waves, comprising, in combination, means to generate short waves including an impulse circuit; containing a condenser; a series spark-gap having its two ends connected to the two terminals, respectively, of said condenser; an auxiliary circuit parallel to said spark gap; a self-inductance and a capacity in said auxiliary circuit, said self-inductance being as large as feasible without danger of arcing at said spark-gap terminals serving to connect said short wave generator with the electrodes for short wave treatment; a long wave generating circuit comprising said spark gap and condenser means and means to connect said long wave generating circuit to said terminals.

2,106,430

EXTINGUISHER

Joseph Humblet, Brussels, Belgium

Application March 22, 1934, Serial No. 717,106
In Belgium and France March 27, 1933
4 Claims. (Cl. 169—11)

3. In an extinguisher filled with an extinguishing substance under pressure, a discharge head including a diaphragm and a discharge passage, a percuting plunger and guide means for said plunger in said head at one side of said diaphragm, means for moving the plunger away from the diaphragm and a ring of toothed-shaped projections located at the inner end of the plunger for cutting out a portion of the diaphragm, said projections providing means for retaining the cut-out portion of said diaphragm on the plunger whereby such portion is carried with the plunger when said plunger is moved through said diaphragm and liberated therefrom.



2,106,431

MANUFACTURE OF PAPER OR LIKE BAG TUBES OR BAGS

Alfred James Jones, Bristol, England, assignor to E. S. & A. Robinson, Limited, Bristol, England

Application August 15, 1934, Serial No. 740,015
In Great Britain August 22, 1933
18 Claims. (Cl. 93—18)



1. A method of forming bags or bag tubes of the character specified consisting in forming a tube from a web, transposing the sides of the tube, severing the tube with a compound cut into bag tube lengths and transposing the position of the cut edges so that the edges of the mouth of the tubes or finished bags lie substantially out of register and provide a closure flap or overlap.

8. Apparatus for making bags or bag tubes of the character specified comprising continuous tube forming mechanism, means for opening and flattening the tube in a plane substantially at right-angles to the plane of formation of the tube, a smooth knife for severing the tube into bag tube lengths and means for reopening the tubes and reflattening them at right-angles to the plane wherein the tube was cut.

2,106,432

SAILING CRAFT

Malcolm McIntyre, Old Greenwich, Conn.

Application June 27, 1934, Serial No. 732,714
22 Claims. (Cl. 114—39)

1. A sailing craft of the catamaran type having two similar hulls and a fore and aft rig, a mast carried thereby, a sail carried by said mast, a boom on said sail, and struts spaced longitudinally of said hulls and pivotally connected to said hulls at corresponding points thereon, said struts holding said hulls parallel but permitting one hull to be advanced with respect to the other,



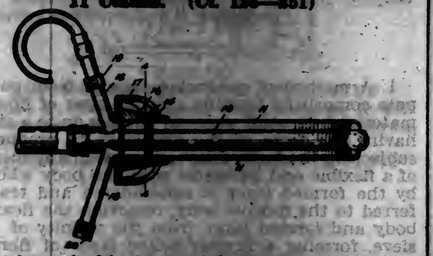
in combination with means for holding said boom at right angles to one of the struts as a hull is advanced and means controlling the advancement of the hulls.

2,106,433

DISTENSION DOUCHE

William E. Mease, Rapid City, S. Dak.

Application November 16, 1936, Serial No. 111,124
11 Claims. (Cl. 128—251)



1. A surgical instrument for treating body cavities including a pair of elongated blades arranged side by side, means for rotatably assembling said blades adjacent one end with their axes of rotation parallel, said blades including portions angulated beyond the point of assembly and adapted to be inserted in the body cavity, and means for rotating at least one of said blades with reference to the other.

2,106,434

KNITTING MACHINERY

James Marion and Robert Stewart Erskine Hannay, Chorlton, England, assignors to F. N. F. Limited, Purley Way, Croydon, England, a British company

Application November 12, 1936, Serial No. 110,540
In Great Britain February 21, 1936
12 Claims. (Cl. 66—86)



1. Mechanism for imparting patterning motion to a guide bar in a warp knitting machine, said mechanism comprising in combination a cam, an intermediate cam follower through the medium of which said cam is operative to act upon the guide bar to impart movement to the latter, and means interconnecting said cam and said follower for moving simultaneously in timed relation with said cam said follower to and fro in a direction transversely to the direction in which movement is imparted by said cam to the guide bar, whereby the rate at which movement is transmitted from said cam to the guide bar is varied.

2,106,435

ABSORPTION OF ACIDIC GASES

Doric William Parker and Richard Bromley Evans, West Bromwich, England, assignors to Robinson Brothers Limited, Oldbury, Birmingham, England, a British company

No Drawing. Application January 16, 1937, Serial No. 121,014. In Great Britain January 20, 1936
11 Claims. (Cl. 23—2)

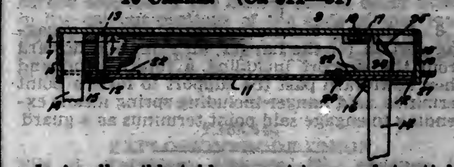
1. In a process for removing a gas of the group consisting of carbon dioxide, hydrogen sulphide and sulphur dioxide from a gaseous mixture containing it, the step of bringing said gaseous mixture into contact with at least one substance from the group consisting of the dipiperidyls and their homologues.

2,106,436

TABLE

Marie Bruce Pyle, Dallas, Tex.

Application August 5, 1937, Serial No. 157,594
10 Claims. (Cl. 311—81)



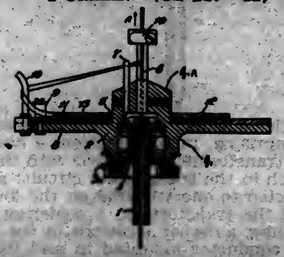
1. A collapsible table comprising a substantially square top, having a skirt depending from each edge thereof, a shelf fitting snugly and slidably within the space defined by said skirts, said shelf being recessed at each corner thereof, table legs hinged between their ends to said shelf to swing into and out of said recesses and to contact with the inner surface of said top when extended, and stops on the inner surface of said top and on said skirts for frictionally locking said shelf and said legs in extended position.

2,106,437

MACHINE FOR COVERING WIRE WITH A HELICAL WRAPPING

Alexander John Sands, Westminster, London, England, assignor to The London Electric Wire Company and Smiths Limited, London, England, a corporation of Great Britain

Application October 5, 1936, Serial No. 104,124
In Great Britain August 18, 1936
4 Claims. (Cl. 117—41)



1. In a machine for providing wire with a helical wrapping, a disc-like head, said disc-like head being arranged to rotate about a wire which passes vertically through the axis of said head, an annular package of wrapping material in

tape-like convolute form supported on said disc-like head having an effective contact with said head at the periphery of said package only, so that the tension in the wrapping material is maintained constant by the weight of the wrapping material on the surface at all periods during a wrapping operation.

2,166,438
DRAPERY HANGER
Fred J. Schwartz, Toledo, Ohio
Application July 24, 1936, Serial No. 92,467
8 Claims. (Cl. 156—21)



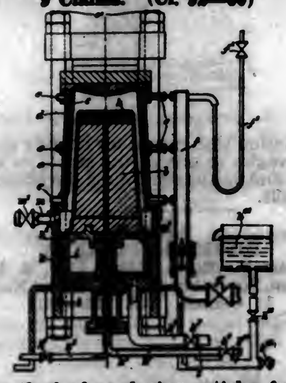
8. A drapery hanger having a support engaging portion for the hanger, an extension upward from the support including a return bend and then downward past the support to form a point terminus, said hanger including spring means extending to engage said point terminus as a guard.

2,166,439
ELECTRIC SOLDERING IRON
Julius Schubert, Long Island City, N. Y., assignor to Steiner Bros. Inc., Long Island City, N. Y., a corporation of New York
Application November 4, 1935, Serial No. 48,253
1 Claim. (Cl. 219—26)



An electric soldering tool of the character described comprising, in combination, a handle; a step-down transformer associated with the handle; a switch in the transformer circuit; a metal tube connected to one terminal on the low voltage side of the transformer; a soldering tip on the metal tube; a carbon electrode in the soldering tip; a conductor mounted in and insulated from the tube; and a combined compression spring and conductor connecting the upper end of the rod to the low voltage side of the transformer to maintain said rod in contact with said electrode.

2,166,440
APPARATUS FOR THE FORMING OF THICK PAPER ARTICLES, SUCH AS BARRELS, TUBS, PLATES, AND THE LIKE
Ewen Ross Smith, Penig in Saxony, Germany
Application May 3, 1934, Serial No. 723,774. Renewed December 18, 1937. In Great Britain May 5, 1933
9 Claims. (Cl. 92—60)

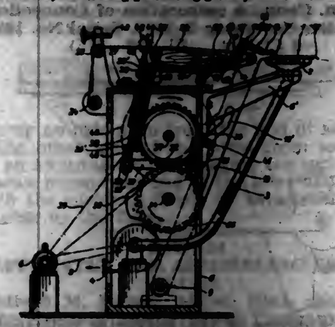


1. A method of producing articles from paper pulp comprising forming a felted layer of fibrous material from stuff water by suction on to a sieve having the form of the article to be produced, subjecting the formed layer to pressure by means of a flexible and inflatable couching body whereby the formed layer is consolidated and transferred to the flexible body, removing the flexible body and formed layer from the vicinity of the sieve, forming a further felted layer of fibrous material on the sieve, subjecting said further formed layer to pressure by means of said flexible body whereby said layer is consolidated and transferred to the previously formed layer on the flexible body, repeating the process until the last layer required to make up the desired total thickness of the article is formed on the sieve and couched, subjecting said layer to high pressure by inflating the flexible body whereby all said layers are consolidated together, and removing the article from the flexible body.

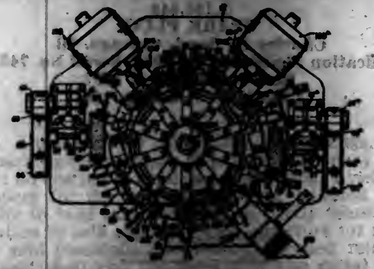
4. Apparatus for carrying out the herein described method comprising in combination an outer form having an inner wall of sieve-like construction on to which paper pulp is deposited by suction, an inner form having a grooved surface spaced apart from and movable in relation to the outer form and having a flexible and inextensible, inflatable couching body thereon having exterior superficial dimensions corresponding with the superficial dimensions of the interior of the sieve wall, means for bringing the inner form and couching body into close proximity with the sieve wall and means for admitting pressure medium between the inner form and the couching body.

2,166,441
APPARATUS FOR PLACING WRAPPERS ON THE ROLLING APRON OF A CIGAR ROLLING DEVICE
Franz Heinrich Bonne Steiner, Dresden, Germany, assignor to "Universalia" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany
Application November 30, 1932, Serial No. 645,667
In Germany December 15, 1931
23 Claims. (Cl. 131—42)

1. In a cigar bunching apparatus, the combination of a rolling table, an apron associated with said rolling table, a roller cooperating with said apron, means moving said roller to and fro above said table, a wrapper support, means for gripping an end of a wrapper upon said support while leaving a portion of said wrapper free and means for moving said wrapper from said support whereby said wrapper is smoothed.



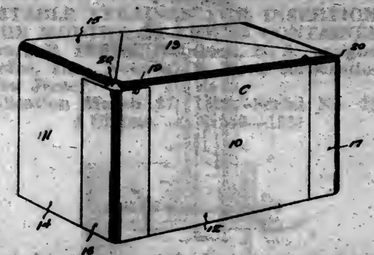
2,166,442
BUFFING METHOD AND APPARATUS
Horace D. Stevens, Akron, Ohio, assignor to The Firestone Tire & Rubber Company, Akron, Ohio, a corporation of Ohio
Application April 24, 1935, Serial No. 17,940
13 Claims. (Cl. 15—21)



9. In apparatus for buffing valve stem base flanges, the combination of a support for a valve stem, the upper face of said support being inclined whereby it holds the base flange of said stem in tilted position with relation to the horizontal, means for moving said support in a continuous course in a horizontal plane, abrading means positioned at spaced points along said course, each of said means being positioned in the path of the trailing portion only of the base flange of said valve stem, and means intermediate said abrading means for turning the valve stem angularly on its own axis through 180°.

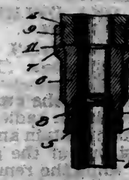
2,166,443
PLYWOOD AND FURNITURE MADE THEREFROM
Francis C. O. Thesman, Sheboygan, Wis., assignor to Frost Veneer and Plywood Company, Sheboygan, Wis.
Application March 22, 1935, Serial No. 11,248
2 Claims. (Cl. 312—140.1)

1. A counter, counter front, or other article of furniture, comprising a front plywood panel and side plywood panels, the front plywood panel being provided with a ninety degree bend intermediate its end formed on a short arc of a circle to provide a continuous front wall section and a top wall section, the side panels being bent intermediate their ends at a ninety degree angle to form side wall sections and top wall sections, the top wall sections of the front and side panels being mated together on a forty-five degree angle, the ends of the front wall section and the front



ends of the side wall sections being cut away, and corner panels provided with ninety degree bends to form front and side corner sections, the front corner sections of the corner panels being fitted in the cut-out portions of the ends of the front wall section and the side corner sections of the corner panels being fitted in the cut-out portions of the side wall sections.

2,166,444
EXPLOSIONPROOF UNION
Nils A. Tornblom, Chicago, Ill., assignor to Appleton Electric Company, a corporation of Illinois
Application March 22, 1936, Serial No. 70,223
3 Claims. (Cl. 285—190)

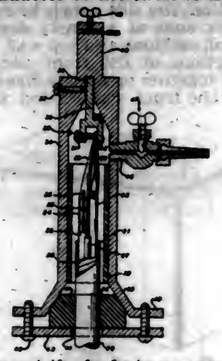


1. A union composed of a sleeve and a nut surrounding the same, the nut having at one end an enlarged screw-threaded bore and an internal shoulder inwardly from said bore, the sleeve having at the corresponding end an external shoulder adapted to be engaged by the said internal shoulder in the nut and at the other end an external shoulder adapted to engage the corresponding end of the nut when the latter is retracted and thus prevent the nut from being slipped off either end of the sleeve, the sleeve and the nut having long cylindrical bearing surfaces fitting closely together while permitting relative rotary and sliding movements.

2,166,445
DRYING DEVICE
Lorentz G. Wade, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application March 25, 1936, Serial No. 70,761
6 Claims. (Cl. 34—20)

2. A device for drying electric cables comprising a hollow metallic body to receive an end of an electric cable, insulating means to seal the

body to the outer surface of the cable, means to connect a conductor of the cable to the body, and



means to connect the body to a source of electric current.

2,106,446

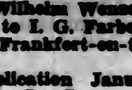
REMOVAL OF GASEOUS WEAK ACIDS FROM GASES CONTAINING THE SAME

Hans Bechr and Wilhelm Wenzel, Leuna, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application January 26, 1935, Serial No. 3,676. In Germany February 1, 1934

8 Claims. (Cl. 23—2)

1. The process of removing a gaseous weak acid from a gas containing the same which comprises scrubbing said gas with a washing liquid comprising a base containing at least two atoms of nitrogen and corresponding to the general formula



in which B is selected from the group consisting of the aliphatic hydrocarbon radicles and those derivatives thereof which contain an amino group, and in which at least one of the groups A is a hydroxy alkyl group, while the remaining groups A are selected from the class consisting of hydrogen, the alkyl and hydroxy alkyl groups.

6. The process of removing a gaseous weak acid from a gas containing the same which comprises scrubbing said gas with a washing liquid comprising dihydroxyethyl-ethylene-diamine.

2,106,447

PIGMENTED COMPOSITION

George Barsky, New York, N. Y., and Gustave Kleinenstein, Maplewood, and Charles Rohlader, Newark, N. J., and Clarence F. Silleck, Brooklyn, N. Y., assignors to C. J. Osborne Co., New York, N. Y., a corporation of New York, and Maas & Waldstein Co., Newark, N. J., a corporation of New Jersey

No Drawing. Application June 5, 1936, Serial No. 82,006

10 Claims. (Cl. 134—79)

1. A pigmented composition for lacquers and the like comprising carbon black, a cellulose ester and an aromatic di-amino compound, the amino groups being linked to different carbon atoms, the quantity of said di-amino compound present being sufficient to act as a dispersing agent and as a stabilizer for the dispersion of carbon black.

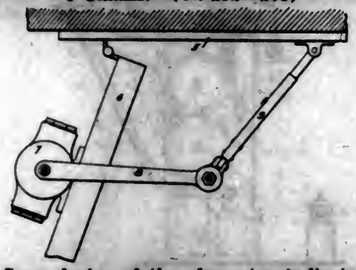
2,106,448

MOLD OPEN DEVICE

Benjamin S. Bernhard, Boston, Mass., assignor to The American Hardware Corporation, New Britain, Conn., a corporation of Connecticut

Application November 5, 1936, Serial No. 109,244

6 Claims. (Cl. 292—275)



1. In a device of the character indicated, an arm having a through bore and counterbores at opposite sides thereof, an arm having a cam member with a bearing portion fitting in one of said counterbores and extending into said through bore, a bearing plate bearing in said other counterbore and secured to said cam member, whereby the latter is journaled on said arm on opposite sides thereof, said cam member having an eccentric portion engageable with a cam surface within said opening upon relative rotation between said arm and cam member.

2,106,449

SPARK PLUG

Charles R. Boyd, Chicago, Ill.

Application September 12, 1934, Serial No. 743,669

Renewed March 5, 1937

4 Claims. (Cl. 123—169)



1. A spark plug comprising a metallic shell adapted to be threaded into a cylinder wall, a ground electrode diametrically positioned with respect to said shell and fixedly secured at its ends to the lower end of said shell, an insulating electrode-retaining body positioned centrally within said shell and removably secured thereto to provide an axial spark gap, said shell having notched openings formed therein adjacent the lower end thereof and above said ground electrode, said notched openings being so formed as to leave a substantially thin ring-shaped portion at the lower end of said shell and said openings being laterally disposed with respect to the axial spark gap between the electrodes.

2,106,450

CONTROL

Kemper P. Brace, South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill., a corporation of Illinois

Application August 21, 1936, Serial No. 97,102

2 Claims. (Cl. 200—140)

1. A thermostatic control or the like comprising a switch, a pivoted lever having on one side

of its pivot a part with a relatively small throw arranged to actuate said switch, an expansible chamber engaging said lever on the other side of the pivot from said part and containing an operating fluid and having relatively little inherent resilience, a leaf spring secured to and



forming an extension from the end of said lever on the other side of the pivot from said part, and an adjustable stop engaging the spring some distance beyond the end of the lever and against which the spring is forced by expansion of said chamber by the fluid.

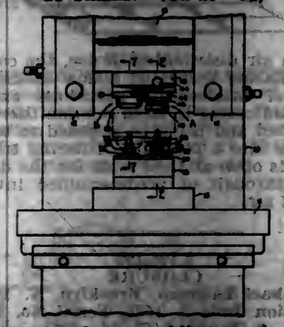
2,106,451

APPARATUS FOR ASSEMBLING SPARK PLUGS

Archibald M. Brown, Akron, Ohio, assignor to The Firestone Steel Products Company, Akron, Ohio, a corporation of Ohio

Application January 28, 1936, Serial No. 61,162

14 Claims. (Cl. 29—24)



1. Apparatus for assembling spark plugs, said apparatus comprising a relatively stationary support for the metal shell of a spark plug, a yielding support for the porcelain thereof adapted normally to hold said porcelain in partly telescoped relation to said shell, a punch structure for moving said porcelain into fully telescoped relation to said shell and for deforming the metal gaskets about the porcelain, and means adapted to engage the porcelain and to position it concentrically with relation to the punch before the latter moves the porcelain toward fully telescoped relation with the shell, said porcelain centering means being operated by the pressure of the punch upon the porcelain.

2,106,452

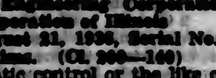
REACTION PRODUCT AND PROCESS

Herman A. Bruson and Lloyd W. Covert, Philadelphia, Pa., assignors to Rohm & Haas Company, Philadelphia, Pa.

No Drawing. Original application October 27, 1934, Serial No. 749,978, now Patent No. 2,063,434. Divided and this application March 14, 1936, Serial No. 68,944

6 Claims. (Cl. 260—3)

1. In a process for preparing a resin the step which consists of heating a material which consists of perhydro derivatives of compounds of the formula



wherein R is an aromatic hydrocarbon nucleus,

X and X' represent hydrogen, alkyl, aryl, or jointly a polymethylene ring, to a temperature above their melting points, but below their critical cracking temperatures, until their crystalline character disappears.

2,106,453

PORTABLE STRAINER FOR INSERTION IN THE MOUTHS OF LIQUID CONTAINERS

Edward R. Ekdahl, Irvington, N. J., assignor to Safco, Inc., Newark, N. J., a corporation of New Jersey

Application March 27, 1935, Serial No. 13,199

4 Claims. (Cl. 210—155)



1. A new article of manufacture substantially such as herein described comprising a circular disc of spring metal having an integral tab projecting from its edge and bent so as to form a clamp for engaging an edge portion of the wall around the mouth of any liquid container in which said disc may be inserted; other portions of said disc being slotted to form a plurality of parallel fingers to form a strainer for liquid poured from said container mouth while said disc is held therein.

2,106,454

WIRE COILING AND INTERWEAVING MECHANISM

Parmenas F. Frost, Mount Vernon, N. Y., and John C. Anderson, Keyport, N. J.

Application February 18, 1936, Serial No. 64,426

10 Claims. (Cl. 140—8)



1. In mechanism for producing looped wire netting, a tubular die having a spiral groove through the wall thereof and extending longitudinally thereof with at least the major portion thereof at a pitch in excess of 45°, a mandrel extending through said die, a tubular sleeve member fitting around said die, and means at the entrance end of said die for facilitating introduction of a wire into the groove of the die.

2,106,455

APPARATUS FOR ELECTRICAL ETCHING

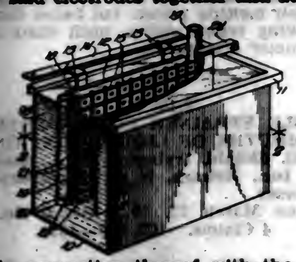
Joseph Hemert, Chicago, Ill.

Application October 14, 1935, Serial No. 44,900

7 Claims. (Cl. 204—5)

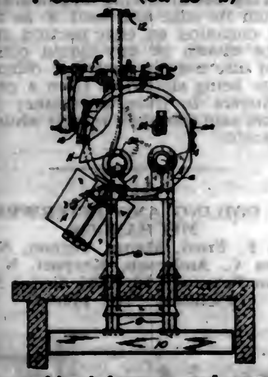
1. In an electrical etching apparatus, a cathode including a group of relatively small electrodes arranged in co-planar relation, said relatively small electrodes of said group being substantially uniformly spaced apart both vertically

and horizontally, and means electrically connecting said electrodes together and adapted to



facilitate connection thereof with the negative pole of a source of electricity.

2,106,456
APPARATUS FOR HANDLING MOLTEN METAL
Karl S. Howard, Bryn Mawr, and John H. Locke, Villanova, Pa., assignors, by mesne assignments, to Ajax Electric Furnace Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application July 24, 1935, Serial No. 32,922
7 Claims. (Cl. 13—8)



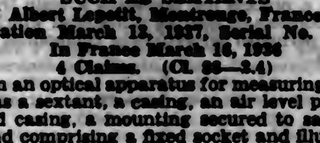
1. In a combined furnace and pouring ladle, an electric heating unit at one side of the furnace, a fuel burner at the other side of the furnace, and charging and discharging openings in the wall of said furnace intermediate said unit and burner.

2,106,457
WOVEN FABRIC
Eli Hyman, Brookline, Mass., assignor to Hy-Sil Manufacturing Company, Revere, Mass., a corporation of Massachusetts
Application September 26, 1934, Serial No. 745,578
6 Claims. (Cl. 139—420)



1. As an article of manufacture, a lustrous fabric comprising series of flat warp and woof bands, the bands of one series consisting of flat, flexible strips of a material having a metallic lustre and the bands of the other series consisting of flat strips of a flexible transparent material with at least some of the bands being twisted at spaced intervals through an angle of 180° to produce facets reflecting light with a scintillating effect, the band being in a flat condition between said intervals, said fabric having the appearance of being composed entirely of bands having a metallic lustre.

2,106,458
AIR DISTRIBUTING DEVICE
Franz J. Kurth, New York, N. Y., assignor to Anemostat Corporation of America, a corporation of Delaware
Application December 22, 1936, Serial No. 55,723
2 Claims. (Cl. 98—40)



1. In an air distributing device, the combination of a flaring truncated hollow casing and a plurality of intersecting partitions extending through said casing in fixed relation thereto and to each other and being so disposed as to divide said casing into a plurality of flaring truncated closed ducts open at their ends for the distribution therethrough of predetermined invariable volumes of air.

2,106,459
CLOSURE
Michael Laitman, Brooklyn, N. Y.
Application June 3, 1936, Serial No. 83,227
3 Claims. (Cl. 24—207)

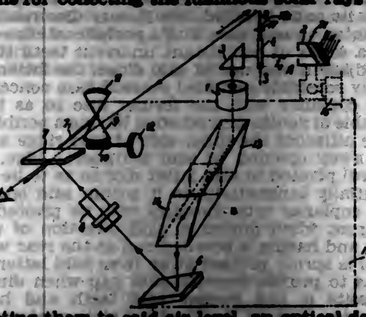


1. In a closure for two adjacent longitudinal beads, members slidably mounted on the beads and having longitudinal portions, retaining means extended between said members, and each of said members having prongs stamped from said longitudinal portion, each of said prongs being provided with an interlocking element, comprising a stud portion on one prong engageable with a bayonet opening on the other, the bayonet opening being provided with several enlarged portions into which the headed stud may selectively engage, and the material of the longitudinal portion being formed with bulged-out portions to permit the stamped out prongs to overlap.

2,106,460
OPTICAL DEVICE FOR MEASURING ANGLES, SUCH AS SEXTANTS
Albert Lepetit, Montrouge, France
Application March 13, 1937, Serial No. 130,653
In France March 16, 1936
4 Claims. (Cl. 88—3.4)

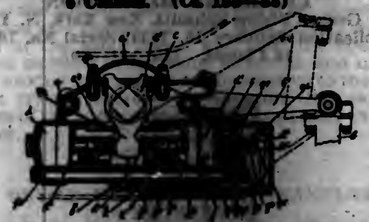
2. In an optical apparatus for measuring angles such as a sextant, a casing, an air level provided in said casing, a mounting secured to said casing and comprising a fixed socket and illuminating tube for the night, a removable socket for

daylight adapted to be mounted in said fixed socket, inclined striated glass plates secured in said removable socket, constituting multiple prisms for collecting the luminous solar rays and



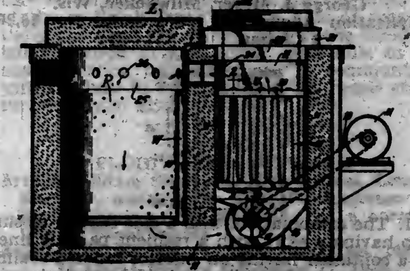
directing them to said air level, an optical device mounted in said casing for receiving and directing the image of the bubble of said air level, and a control mechanism provided on said casing and controlling said optical device.

2,106,461
HYDRAULIC SHOCK DAMPER
Ivan Alexander Leslie, Derby, England, assignor to Rolls Royce Limited, Derby, England
Application April 27, 1935, Serial No. 18,700
In Great Britain April 27, 1934
6 Claims. (Cl. 188—88)



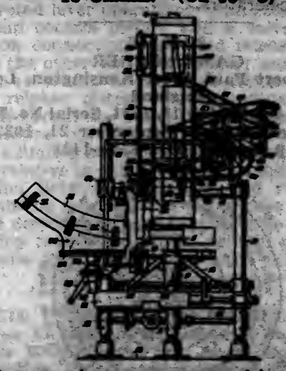
1. A hydraulic shock damper for the road wheels and axles of road vehicles, adapted to be mounted on the vehicle and having a compression chamber with inlet and outlet passages for the admission and escape of a damping fluid, a compression member operable in said chamber from a road wheel axle and arranged and adapted to place said fluid under compression during the return movement of the wheel after displacement thereof, valve means arranged and adapted to control the escape of the fluid from the compression chamber, valve loading means operable from the wheel axle and arranged and adapted to increase the valve loading proportionally to the amount of wheel displacement and hydraulically controlled locking means connected to the valve controlling means for maintaining the increased valve loading during the return of the wheel after displacement thereof, said locking means comprising two telescopically arranged members one slidably fitting within the other, said members being, relatively, axially displaceable under displacement of the wheel, there being provided a space between the two members, in communication with the compression chamber whereby the fluid therein will exert a radial pressure on said members and frictionally lock them together thus preventing their axial return movement and maintaining the increased valve loading during the return of the wheel to normal after its displacement.

2,106,462
HEAT TREATING FURNACE
Le Roy A. Lindberg, Evanston, Ill., assignor to Lindberg Engineering Company, Chicago, Ill., a corporation of Illinois
Application October 12, 1935, Serial No. 44,676
1 Claim. (Cl. 219—35)



In a heat treating furnace having a normally closed chamber in which is maintained a rapid air circulating system and an opening in one wall of said chamber, and means closing the opening in said wall and extending into such path of air circulation for heating the air in motion, said heating means comprising a cap-like closure supported in said opening and having a framework on which is mounted spaced refractory supports, each having an annular groove, a heating element in the form of a helically coiled resistance wire extended between and carried within the annular grooves of the spaced supports, and the wire being formed in a single straight strand extending at substantially right angles to the direction of the helixes of the coil throughout its regions which lie within the grooves of the supports and in spaced relation to the side walls thereof, whereby less heat is delivered in the region of the supports and air circulation is unimpeded.

2,106,463
BAG OPENING MECHANISM
George Long, Joliet, Ill., assignor, by mesne assignments, to Franklin Steel Works, Joliet, Ill., a corporation of Maine
Application September 3, 1936, Serial No. 99,776
18 Claims. (Cl. 93—8)



1. Bag opening means comprising a pair of bag opening fingers, each finger being substantially flat throughout its entire length, and means rotating said fingers from a position wherein the fingers are disposed edge to edge with their

corresponding faces in alignment to a position substantially 90 degrees removed therefrom whereby the faces which were in alignment are disposed in approximately parallel planes.

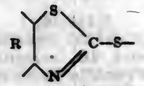
2,106,464
MEANS FOR SEALING CONTAINERS
George J. Meyer, Milwaukee, Wis.
Application August 15, 1935, Serial No. 36,264
2 Claims. (Cl. 215—31)



1. The combination, with a side sealing closure cap having a skirt with a resilient packing liner, of a container having an exterior tapered sealing surface to receive said cap and having circumferential serration-forming grooves in said sealing surface, each groove presenting an abrupt downwardly facing shoulder at its upper edge and a steeply sloping side wall extending to said sealing surface and forming the lower portion of said groove.

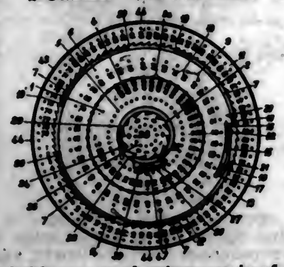
2,106,465
MERCAPTO-THIAZOLE DERIVATIVES
Ludwig Orthner, Frankfort-on-the-Main, and Ewald Zaucker, Cologne-Mulheim, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Original application June 23, 1931, Serial No. 546,418. Divided and this application August 7, 1935, Serial No. 35,664. In Germany June 30, 1930
2 Claims. (Cl. 260—44)

1. As new compounds acetamides in which at the most 2 hydrogen atoms of the methyl group linked to the CO are replaced by the group



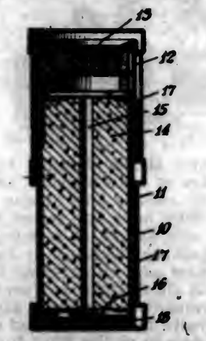
wherein R stands for a benzene or naphthalene radical, these compounds being valuable vulcanization accelerators.

2,106,466
GAME SCORER
Ralph Herbert Paul, West Kensington, London, England
Application September 15, 1934, Serial No. 744,105
In Great Britain September 21, 1933
2 Claims. (Cl. 235—142)



1. In a bridge scorer having a pair of rotatably mounted concentric discs, means for progressing one disc through a small angle consequent to rotation in one direction of an adjacent disc past a given position, comprising, a base with a raised circular ridge thereon having a short gap in it with its ends bevelled, the former disc rotatably mounted on said base with a peripheral edge having a series of equidistant undercut teeth therein adjacent one side of said ridge, the latter disc freely rotatably mounted on said base concentric and coplanar with the former disc so as to be capable of continuous rotation having a peripheral edge adjacent the other side of said ridge and a cut away opening in said peripheral edge, and a pawl pivoted to said latter disc so as to lie substantially tangentially to it within said opening and coplanar with the discs with its pivoted end in front when moved in said direction of rotation and having a bevelled end at the rear which pawl is spring pressed away from said latter disc so as to project through said gap when directly opposite it and engage said teeth and has a shoulder near to its pivot to abut against said ridge at the front end, with regard to said direction, of said gap and so quickly disengage said pawl each time the former disc is rotated through said small angle, the back end, with regard to said direction, of said ridge being so bevelled as to permit said pawl to ride over it when said latter disc is rotated in the direction opposite to the said direction without backward progression of said former disc.

2,106,467
CIGARETTE MEDICATION
George Philip Schmitt, New York, N. Y.
Application January 16, 1924, Serial No. 706,798
16 Claims. (Cl. 131—30)

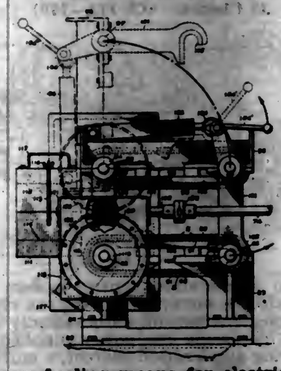


2. A cigarette lighter comprising, in combination, an igniting device, a fuel chamber in communication with said device, a medicament in said chamber, and means for conveying such medicament to a cigarette cooperating with said device.

2,106,468
METHOD OF MAKING WOOD PRODUCTS
Ernest H. Schroth, Palisade, N. J.
No Drawing. Application November 23, 1936, Serial No. 112,246
2 Claims. (Cl. 21—32)

1. The herein described method which comprises cutting wood into thin sheets, soaking the sheets in warm water, immersing the sheets in a solution of soap, then immersing the sheets in a magnesium chloride solution, placing the sheets in a mixture of glycerine and water, and then drying them.

2,106,469
CONVEYER MECHANISM FOR ELECTRIC FURNACES
Gilbert E. Seil, Cynwyd, Pa., assignor, by mesne assignments, to Buffalo Electric Furnace Corporation, Buffalo, N. Y., a corporation of New York
Application March 18, 1936, Serial No. 69,450
3 Claims. (Cl. 214—21)



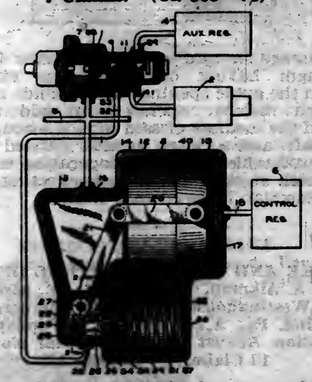
1. A core feeding means for electric furnaces comprising, a frame, a second frame, pivotally mounted at one end on said first frame, endless flexible conveyer belts mounted in said frames and having coacting faces thereof arranged parallel to and spaced apart from each other, means for driving said flexible conveyer belts simultaneously and at the same speed, and with the coacting faces movable in the same direction, and means for locking said second frame relative to the said first frame, whereby to maintain the coacting faces of the endless conveyer belts parallel to each other.

2,106,470
DEVICE FOR APPLYING GRANULAR MATERIALS
Orlando D. Shennard, Upper Montclair, N. J., assignor to Joseph Dixon Crucible Company, Jersey City, N. J., a corporation of New Jersey
Application January 14, 1937, Serial No. 120,547
9 Claims. (Cl. 221—32)



1. A device for applying granular materials to surfaces comprising, a cylindrical reservoir for containing the granular material, said reservoir being composed of resilient material whereby when its sides are compressed the granular material is expressed from the reservoir, said reservoir having a closed end and an open end, a resilient plug closing the open end of the reservoir and having a central bore, and a nozzle structure having a collar adapted to lie adjacent the outer end of the resilient plug, a tubular nozzle extending outwardly from the center of the collar, and a tubular inner portion with a closed inner end extending inwardly from the collar and constituting a prolongation of the nozzle, said inner portion of the nozzle being received within the central bore in the resilient plug, said nozzle structure being rotatable in the resilient plug and having an open position and a shut position, said inner tubular portion of the nozzle having a relatively small hole adapted to be closed by the plug when the nozzle structure is turned to shut position, and the inner end of the resilient plug having a hole of substantially the same size as the hole in the inner tubular portion of the nozzle, said hole in the nozzle portion being arranged to communicate with the hole in the plug when the nozzle structure is turned to open position.

2,106,471
FLUID PRESSURE BRAKE
Arthur William Simmons, King's Cross, London, England, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application October 16, 1936, Serial No. 105,964
In Great Britain December 17, 1935
7 Claims. (Cl. 303—74)

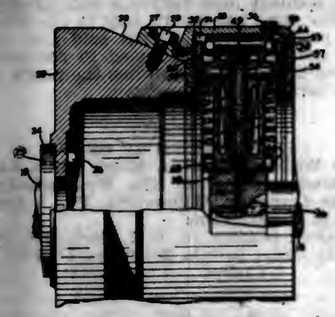


1. In a fluid pressure brake, in combination, a brake cylinder, a brake pipe, a valve device for controlling the release of fluid from the brake cylinder comprising a release piston subject to the opposing pressures of the brake cylinder and a spring, a control piston subject to the opposing fluid pressures of the brake pipe and a chamber, a pivoted lever operatively connected at one end to said control piston, and a valve having lost motion connection with said release piston and with the other end of said lever and being operative according to the joint action of said lever and release piston for controlling the release of fluid from the brake cylinder, the lost motion connection between the lever and valve permitting a limited movement of the valve in one direction relative to the lever and the lost motion connection between the valve and release piston permitting movement of the release piston in the same direction relative to the valve and for permitting movement of the release piston in the opposite direction relative to the valve.

2,106,472
FLUID PRESSURE CONTROLLED CLUTCH
Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Original application July 30, 1932, Serial No. 626,504. Divided and this application June 22, 1934, Serial No. 731,856
2 Claims. (Cl. 192—85)

1. A clutch device comprising a rotatable shaft

having a passage therein through which fluid may flow, a disc mounted on said shaft for rotation therewith, a diaphragm mounted on said disc, a guide member having guide openings therein and carried by said disc for clamping said diaphragm to said disc so as to provide a fluid-tight chamber between said disc and said diaphragm for receiving fluid under pressure from



said passage in said shaft, a follower for said diaphragm having operating pins extending through the guide openings in said guide member, a clutch member operated by said follower through the medium of said pins, a second rotatable shaft, and a clutch member carried by said second rotatable shaft for cooperating with said first clutch member and thereby effecting a driving connection between said shafts.

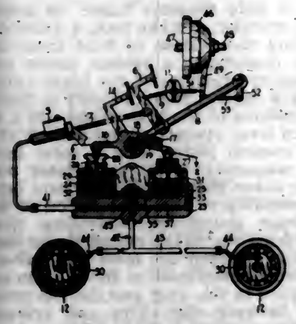
2,106,473

BRAKE AND CLUTCH CONTROL DEVICE

Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application August 29, 1936, Serial No. 98,517

13 Claims. (Cl. 192—13)



1. In a brake and clutch control apparatus for an automotive vehicle, means constituting a hydraulic pressure system, a clutch device, fluid pressure operated means for effecting application and release of the brakes, and means responsive to a certain predetermined increase in the pressure in the hydraulic system for effecting only the disengagement of the clutch device and responsive to an increase in pressure in the hydraulic system greater than said certain increase for effecting disengagement of the clutch device and the supply of fluid under pressure to the fluid pressure operated means to cause application of the brakes.

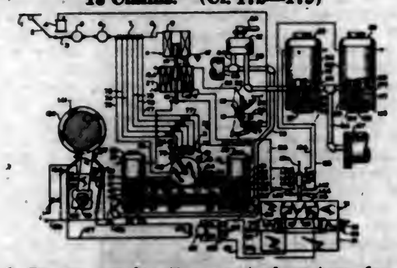
2,106,474

ACCELERATION CONTROL SYSTEM

George W. Baughman, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Original application June 12, 1934, Serial No. 730,231. Divided and this application July 25, 1936, Serial No. 92,675

18 Claims. (Cl. 172—179)



1. In an acceleration control system for vehicles, an electric motor for driving the vehicle, an acceleration controller for automatically and progressively increasing the power supplied to said motor during acceleration thereof, a current limiting relay responsive to a predetermined current flow through said motor for temporarily interrupting the operation of said acceleration controller, and electroresponsive means actuated in accordance with changes in the speed of said vehicle for decreasing the setting of said limiting switch upon a predetermined rate of acceleration of the vehicle.

2,106,475

CONTAINER FOR CIGARS OR THE LIKE

Edward G. Brandwein, Chicago, Ill., assignor to Crystal Tube Mfg. Co., Chicago, Ill., a corporation of Illinois

Application April 30, 1936, Serial No. 75,264

2 Claims. (Cl. 131—11)



2. A container comprising a tube formed from a tough flexible transparent sheet of cellulose material with the longitudinal edges thereof arranged in overlapping relation and secured together by a thin layer of transparent adhesive, and a tearing thread positioned within said tube along the underlying one of said overlapped longitudinal edges in contact with the edge portion only of said layer of adhesive substantially throughout its length, one end of said thread projecting freely from said tube in a position to be readily grasped for pulling the same longitudinally with respect to said tube to tear open the side thereof.

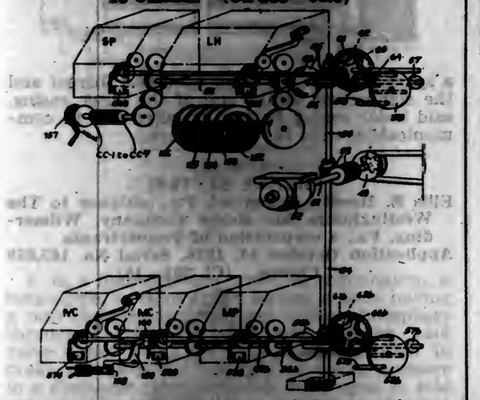
2,106,476

ACCOUNTING MACHINE

James W. Bryce, Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application May 7, 1932, Serial No. 609,883

18 Claims. (Cl. 235—61.6)



3. An accounting machine of the record controlled type, including entry receiving means receiving from a record the amount of the multiplier, the amount of the multiplicand, and a supplemental amount, final result receiving means, means controlled by the foregoing entry receiving means for multiplying the multiplier and the multiplicand and for setting up the product in the result receiving means, transfer means controlled by the supplemental amount receiving means for causing the introduction of the supplemental amount into the result receiving means, and means for controlling said last mentioned transfer means so that the supplemental amount is either additively or subtractively entered whereby the final result receiving means ultimately receives an amount representative of the product with the supplemental amount derived from the record added to or subtracted therefrom.

2,106,477

ACCOUNTING MACHINE

James W. Bryce, Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application August 24, 1933, Serial No. 685,513

23 Claims. (Cl. 235—61.6)



2. A record controlled accounting machine with means for passing records in a common run therethrough including groups of data containing records and intervening records which have a distinctive characteristic, means for receiving and accumulating data from the data containing records, recording means controlled through intervening means by said last mentioned means for recording summaries set up in the receiving means upon said records with the distinctive characteristic, and means called into action by the record with a distinctive characteristic and under the control of such distinctive characteristics of such record for calling the recording means into operation to record upon the record which initiated the recording of the summarized data related to the data upon the data containing records in the common run.

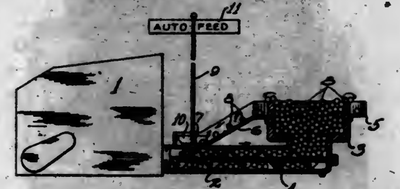
2,106,478

DEMONSTRATING DEVICE

Edward N. Curran, St. Louis, Mo., assignor to Harry Richards, St. Louis, Mo.

Application November 2, 1936, Serial No. 108,772

10 Claims. (Cl. 35—13)



1. In combination, a stoker of the class described, including a retort and a fuel-feeding conveyor leading thereto, and means for receiving fuel-simulating elements from the rim of said retort and conducting them back to said conveyor.

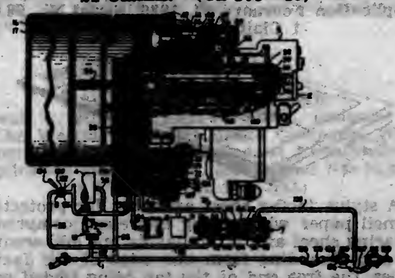
2,106,479

FLUID PRESSURE BRAKE

Ellery R. Fitch, Irwin, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application October 17, 1936, Serial No. 106,029

21 Claims. (Cl. 303—40)



1. In a locomotive brake equipment, in combination, valve means operative to effect an application of the brakes on the locomotive, delay means operative to limit the rate at which the application of the brakes is effected, and means operative upon separation of the locomotive from another vehicle to render said delay means ineffective to limit the rate of brake application on the locomotive.

2,106,480

FLUID PRESSURE BRAKE

Ellery R. Fitch, Irwin, and Glenn T. McClure, McKeesport, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application October 22, 1936, Serial No. 107,212

21 Claims. (Cl. 303—23)

1. In a fluid pressure brake, in combination, a brake pipe, a brake controlling valve device op-

erative upon a reduction in brake pipe pressure first to a quick service position to effect a local reduction in brake pipe pressure and then to an application position to effect an application of the brakes and operative upon a subsequent increase in brake pipe pressure in steps or increments to graduate the release of the brakes, means operative for rendering the brake control-



ling valve device ineffective to effect a reduction in brake pipe pressure when, in graduating the release of the brakes, the brake controlling valve device assumes said quick service position, and valve means operative upon movement of the brake controlling valve device from said quick service position to application position for effecting the operation of said means.

2,106,481
STYLUS FACING SHEET ASSEMBLY
George Arthur Giles, Bensenville, Ill., assignor of one-half to Lawrence T. Barnett, Glencoe, Ill.
Application February 27, 1936, Serial No. 66,049
1 Claim. (Cl. 41—3.5)



A stylus facing sheet assembly for protecting stencil paper when being impressed comprising a facing sheet and a tab having one end secured to and extending from one edge of the facing sheet, the free end of the tab being folded parallel to the said edge of the facing sheet to form a trough adapted to receive the upper edge of a unit comprising a backing sheet and a stencil sheet to removably align the facing sheet on the stencil sheet.

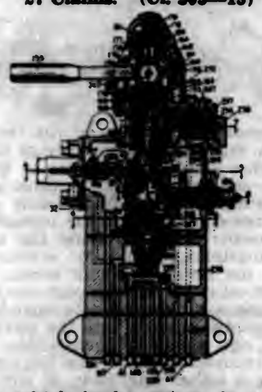
2,106,482
MUFFLER
Harold L. Hargnett, Turtle Creek, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application August 27, 1936, Serial No. 98,131
8 Claims. (Cl. 181—35)

1. In a silencer for compressors, in combination, an outer casing having an open end adapted to be connected to the intake of a fluid compressor, and a closed end, an inner casing of lesser dimension than the first named casing extending through the closed end of the first named casing and through substantially the full length of said first named casing member and terminating at a point adjacent to but spaced from said open end of said outer casing to form



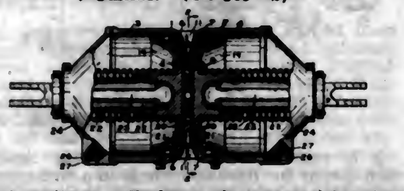
a space between the inner open end thereof and the compressor intake end of the outer casing, said inner casing having its outer end in communication with the atmosphere.

2,106,483
BRAKE SYSTEM
Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application October 15, 1936, Serial No. 105,659
27 Claims. (Cl. 303—15)



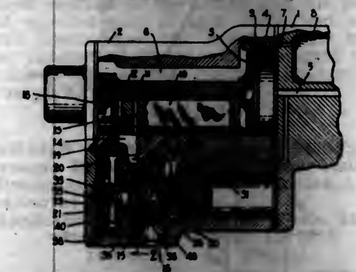
1. In a vehicle brake system, in combination, a brake equipment comprising a straight air portion and an automatic portion, a brake valve device having a mechanism for controlling said straight air portion and a separate mechanism for controlling said automatic portion, and selective means movable between two positions to render one or the other of said two brake valve mechanisms effective in controlling said brake equipment.

2,106,484
DUPLEX BRAKE CYLINDER
Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application February 27, 1937, Serial No. 128,086
7 Claims. (Cl. 309—2)



1. A unitary cylinder casing comprising two longitudinally spaced axially aligned cylinder portions and an annular head V-shaped in crosssection and integrally connecting said cylinder portions.

2,106,485
INSECT EXCLUDER
Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application May 4, 1937, Serial No. 140,597
15 Claims. (Cl. 303—1)

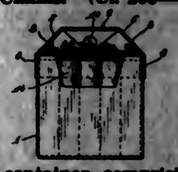


1. In a fluid pressure brake, in combination, a brake pipe, a valve device having a body having a vent chamber therein open to the atmosphere through a relatively large vent opening, said valve device being operable on a reduction in brake pipe pressure to vent fluid under pressure to a discharge passage in said body open to said vent chamber, and means to prevent interference with the venting of fluid through said discharge passage, said means comprising a foraminous member mounted in said vent chamber and separating the portion of the vent chamber at the end of the discharge passage from the portion of the vent chamber open to the vent opening.

2,106,486
THE PRODUCTION OF ANION-EXCHANGE RESINS FROM M-PHENYLENEDIAMINE
Willard H. Kirkpatrick, Chicago, Ill., assignor to National Aluminate Corporation, Chicago, Ill., a corporation of Delaware
No Drawing. Application December 3, 1936, Serial No. 113,986
2 Claims. (Cl. 260—130)

1. The process of producing a special type of m-phenylenediamine resin which comprises dissolving freshly distilled m-phenylenediamine in sufficient concentrated hydrochloric acid to form a solution of m-phenylenediamine dihydrochloride containing a slight excess of free acid, adding formaldehyde thereto, allowing the resultant mixture to form a gel, breaking up the gel, and drying the same at a temperature not exceeding 115° C.

2,106,487
DISPLAY CASE
Carl C. Lamry, Shenandoah, Iowa, assignor to Mount Arbor Nurseries, Shenandoah, Iowa, a corporation of Iowa
Application March 13, 1936, Serial No. 68,599
4 Claims. (Cl. 206—44)



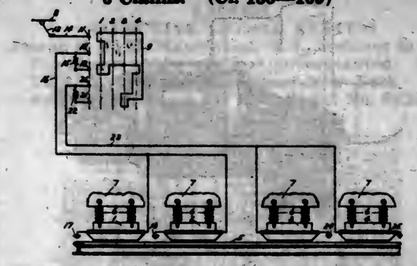
4. A plant container comprising a substantially rectangular box, a cover telescopically mounted on said box and extending above the walls thereof to provide plant growth space, a marginal knock-out panel forming the top edge of the front wall of said box and extending below the telescoping part of said cover and enabling display of the contents of said box when removed, said cover above said box having a substantially flat imperforate top portion and perforated sloping sides.

2,106,488
COMPRESSOR
Joseph C. McCune, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application February 24, 1934, Serial No. 712,731
3 Claims. (Cl. 230—211)



3. A fluid compressor comprising a casing, a plurality of radially disposed cylinders mounted in said casing, a fluid compressing piston in each cylinder, a crank shaft operatively connected to said pistons for operating the said pistons in their respective cylinders, and a motor for driving said crank shaft, said casing having an outer arcuate wall, an inner arcuate wall forming a crank case chamber for said crank shaft, and an intermediate arcuate wall forming at one side thereof a cooling chamber for said cylinders and at the opposite side thereof a fluid discharge chamber for said cylinders.

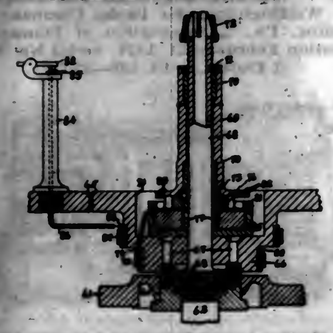
2,106,489
MAGNETIC TRACK BRAKE
Joseph C. McCune, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application December 20, 1935, Serial No. 55,453
6 Claims. (Cl. 188—165)



1. In a brake equipment for vehicles, the combination with a plurality of spring suspended magnetic brake shoes, of control means for effecting the energization of said several shoes, said control means being arranged to effect energization of only certain of said track shoes to a certain degree to bring said shoes into engagement with the track rail and to thereafter increase the degree of energization thereof, to thereafter effect energization of other of said track shoes

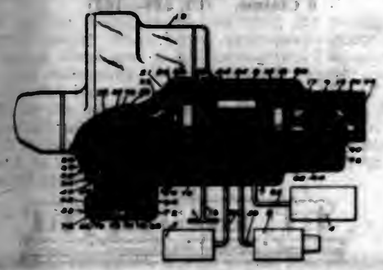
to a certain degree to bring them into engagement with the track rail and to thereafter increase the degree of energization thereof.

2,106,490
CONTROL MEANS FOR WEB WRAPPING MACHINES
Edward G. Parvin, Roselle, N. J., assignor to Syncro Machine Company, Newark, N. J., a corporation of New Jersey
Application December 18, 1936, Serial No. 115,134
13 Claims. (Cl. 117—45)



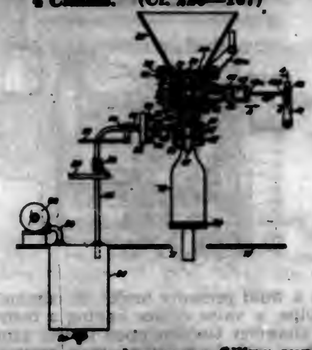
1. In a machine for feeding a web from a cop, the combination comprising a rotatable cop sleeve having at least a magnetizable portion, a stator positioned adjacent the cop sleeve having a winding, means including an alternating current source for energizing the winding whereby the tension on the web fed from the cop remains constant as the cop loses diameter, and automatic means for increasing the magnetization of the winding when the web breaks to bring the cop sleeve to an immediate stop.

2,106,491
FLUID PRESSURE BRAKE
Everett P. Sexton, East McKeesport, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application November 5, 1936, Serial No. 109,272
11 Claims. (Cl. 303—46)



1. In a fluid pressure brake equipment, in combination, a brake cylinder, a brake pipe, valve means operative on a reduction in brake pipe pressure for supplying fluid under pressure to the brake cylinder, and means subject to the opposing pressures of the fluid in the brake pipe and of fluid in the brake cylinder and operated on a predetermined relationship of said pressures to restrict rate of the supply of fluid to the brake cylinder by said valve means.

2,106,492
VACUUM AND PRESSURE FILLING APPARATUS FOR FLUID, PLASTIC, OR VARIOUS OTHER MATERIALS
Charles F. Adams, New York, N. Y.
Application February 26, 1936, Serial No. 65,776
4 Claims. (Cl. 226—107)



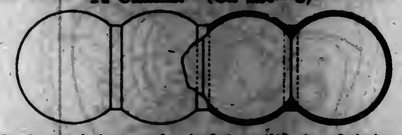
2. In a vacuum and pressure filling apparatus, the combination of a measuring and charging cylinder, a reciprocating piston in said cylinder, means to lead a material to said cylinder to be drawn into the same, said means also functioning to lead the material from the cylinder, a vacuum hood positioned to receive the discharge of said material from the cylinder, a reciprocating table axially in line with said hood supporting a container to be filled with said material, said table at the upper end of its stroke locating said container in said hood in proper position, means to produce a partial vacuum in said hood and container and means to release the vacuum.

2,106,493
SPEED CONTROL DEVICE
Thomas A. Byers, Spokane, Wash.
Application March 17, 1936, Serial No. 69,369
1 Claim. (Cl. 192—92)



A speed controlling device comprising a pump having a casing, upper and lower walls of the casing being formed with a lower inlet and an upper outlet, impeller gears rotatably mounted in said casing between the inlet and the outlet and having meshing teeth, one gear having a shaft projecting from a side wall of the casing and adapted to be rotated from a rotary shaft of a machine to be controlled, a reservoir for liquid disposed vertically at the opposite side of the casing from said shaft in spaced relation to the casing, an unobstructed pipe line leading from the bottom of said reservoir and extending under the pump casing and connected with the inlet thereof and serving as a support for the reservoir, an upper pipe line leading upwardly from the outlet of the pump casing and extending over the reservoir and opening into the reservoir through the top thereof, the upper pipe line serving as an upper brace for the reservoir, a manually adjustable valve in the upper pipe line for controlling flow of liquid through the same from the pump to the reservoir, a bridging pipe associated with the upper pipe line and communicating with end portions thereof in spaced relation to the casing and the reservoir and opposite ends of said valve, and a check valve intermediate the length of the bridging pipe yieldably held closed and adapted to open in the direction of the reservoir when subjected to excessive pressure.

2,106,494
HOLLOW VESSEL FOR HIGH PRESSURES
Hermann Deber, Munich, Germany, assignor to Dominion Oxygen Company, Limited, a corporation of Canada
Application May 31, 1930, Serial No. 458,435
In Germany October 12, 1929
14 Claims. (Cl. 220—3)



1. A container adapted to withstand internal pressure comprising a casing consisting of a plurality of interconnected and intersecting hollow spherical zones, the distance between successive planes of intersection being substantially equal to the diameter of the planes of intersection.

2,106,495
METHOD OF MAKING PRESSURE VESSELS
Hermann Deber, Munich, Germany, assignor to Dominion Oxygen Company, Limited, a corporation of Canada
Application June 14, 1933, Serial No. 675,631
Renewed October 13, 1936. In Germany July 1, 1932
15 Claims. (Cl. 29—148.2)



1. The method of producing containers for compressed gases comprising expanding a hollow cylindrical blank at properly spaced intervals to form spherically expanded zones separated by constrictions or portions having a diameter substantially less than the diameter of said spherical zones; and, increasing the wall thickness of the portions corresponding to the subsequent constrictions.

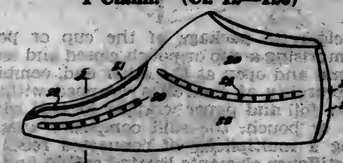
2,106,496
METHOD OF MAKING CONTAINERS
Hermann Deber, Munich, Germany, assignor to Dominion Oxygen Company, Limited, a corporation of Canada
Original application May 31, 1930, Serial No. 458,435. Divided and this application July 27, 1933, Serial No. 682,325. Renewed July 8, 1937. In Germany October 12, 1929
15 Claims. (Cl. 29—148.2)

1. The method of making a metallic container adapted to withstand internal pressures, said container consisting of a plurality of metallic spheroidal hollow bodies in intersecting relation, the wall thickness of said container being enlarged at the peripheral intersections, and the major axes of the planes of intersection of said bodies being considerably less than the greatest internal diameter of said bodies, whereby the surface of said spheroidal bodies tends to approximate that of a



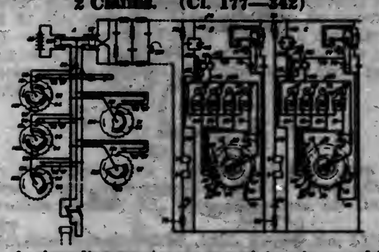
sphere, which method includes the step of casting metal into a suitable mold which is shaped in such a manner that there results a concentration of metallic material at the peripheral intersections of said hollow bodies, whereby the resistance of the peripheral intersections to the effects of internal pressure is caused to substantially approximate the resistance inherent in the spheroidal portions.

2,106,497
SHOE FORM
William J. De Witt, Auburn, N. Y., assignor to Shoe Form Co., Inc., Auburn, N. Y., a corporation of New York
Application July 16, 1936, Serial No. 90,850
1 Claim. (Cl. 12—128)



A shoe form comprising a toe portion, side walls and a heel portion, said heel portion being formed by rearwardly extended ends of the side walls, said ends overlapping and means intermediate the top and bottom of the form for joining said overlapping ends while permitting relative rocking thereof to decrease the width of the shoe form at the base of the heel portion, said means comprising a rivet passed through both said overlapping ends.

2,106,498
SELECTIVE SIGNAL SYSTEM
Joseph C. Field, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application March 11, 1936, Serial No. 68,232
2 Claims. (Cl. 177—342)



1. A signaling system comprising in combination, a line circuit, a selector controlled over said line circuit, a local circuit controlled by said selector, a signaling device in said local circuit,

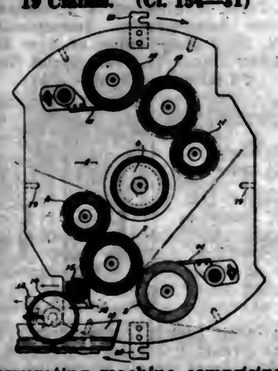
said signaling device being of the self-interrupting type and having normally closed contacts in said local circuit operated by said signaling device, a relay having its operating winding in said local circuit, a normally open bridge across said line circuit, a winding in said normally open bridge, said winding being inductively associated with the operating winding of said relay, contacts in said normally open bridge, said contacts being controlled by said relay to establish an inductive connection between said local circuit and said line circuit, and a holding circuit for said relay comprising a resistance in shunt of said signaling device to hold said relay operated during the open periods of the contacts operated by said signaling device.

2,106,499
CIGARETTE PACKAGE AND BLANK OR WRAPPER THEREFOR
Ferris Le Roy Francisco, New York, N. Y.
Application May 8, 1935, Serial No. 20,502
7 Claims. (Cl. 229—67)



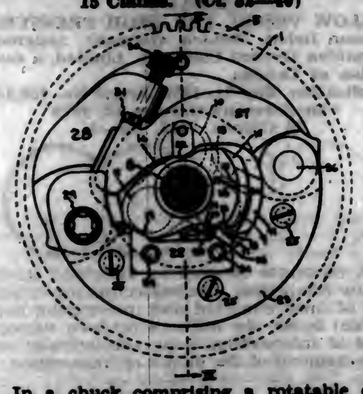
1. A cigarette package of the cup or pouch type, comprising a cup or pouch closed and sealed at one end and open at the other end, combined with a plurality of cigarettes wrapped within a composite foil and paper wrapper located within the cup or pouch, the said composite wrapper including a multiplicity of connected relatively narrow stiffener elements located within and extending longitudinally of the package and capable of permitting lengthwise folding thereof while increasing the resistance to transverse bending strains, the end closure portions of said package being formed of flexible, foldable material.

2,106,500
DUPLEX SINGLE FACER
Henry B. Greenwood, Glen Arm, Md., assignor to F. X. Hooper Company, Inc., Glen Arm, Md., a corporation of Maryland
Application December 20, 1935, Serial No. 55,406
19 Claims. (Cl. 154—31)



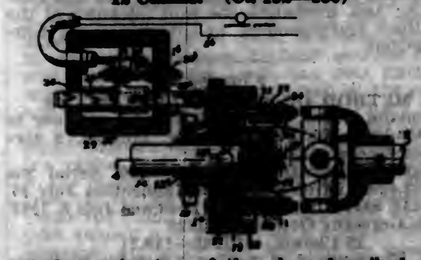
2. A corrugating machine comprising a main frame, an oscillable carrier therein, two pairs of corrugating rolls in said carrier, one above the other, means to drive the lower pair of said rolls and means to interchange the position of said pairs of rolls by oscillating said carrier to disconnect the driving means from the rolls previously driven and to connect them to those previously idle.

2,106,501
CHUCK
William F. Greene, Cincinnati, Ohio, assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio, a corporation of Delaware
Application August 17, 1936, Serial No. 96,356
15 Claims. (Cl. 82—40)



1. In a chuck comprising a rotatable chuck body, and chucking means at both ends of said body, said chucking means comprising each a plurality of locating means axially displaced and at one side of the axis of rotation of the chuck body having fixed, interspaced areas accurately positioned relative to said axis for effective angularly related engagement with respective angularly related areas accurately located on opposite sides of a work piece relative to a proper center turning of the work piece, the aggregate effective engagement of the areas at both sides serving to locate the work piece in proper centered, axial aligned, and indexed position relative to said chuck body, and means on said chuck body to clamp the work piece to said areas whereby said work piece is held in said chuck body at a plurality of longitudinally interspaced points.

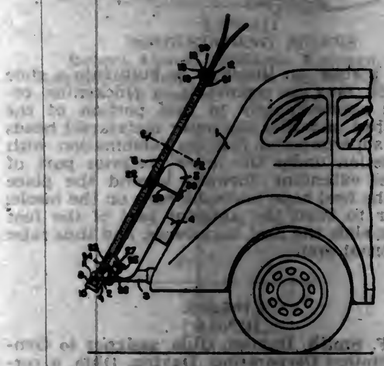
2,106,502
POWER CONTROL MECHANISM
Paul E. Hawkins, Lakewood, Ohio, assignor to The Baker-Raulang Company, Cleveland, Ohio, a corporation of Ohio
Application September 5, 1936, Serial No. 99,679
12 Claims. (Cl. 196—150)



1. In mechanism of the class described, the combination of a rotatably mounted member

adapted to be drivingly connected to a mechanism for handling loads, a driving member in concentric relation to said first mentioned member, one of said members being movable relative to the other member in the direction of its axis, a spring mechanism connected to one of said members and engaging the other member and normally tending to move said members toward each other, and interlocking means between and engaging said members and operating to transmit power from said driving member to said first mentioned member, but arranged to move said axially movable member away from the other member when said driving member rotates relative to said first mentioned member.

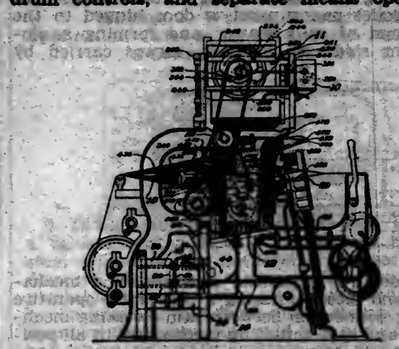
2,106,503
AUTOMOBILE CARRIER FOR LENGTHY ARTICLES
Robert W. Hendrick, Newtonville, Mass.
Application February 6, 1937, Serial No. 124,412
5 Claims. (Cl. 224—30)



4. A ski carrier, adapted to be mounted upon the rear end of an automobile, comprising a frame having side bars connected at their lower ends by cross bars forming a channel to receive the lower ends of the skis, means extending across said channel dividing said channel into a plurality of sockets, complementary cross bars connecting the upper ends of said side bars, one of which is fixedly secured to the under edge of the side bars, and provided with spacing means corresponding to the spacing means of said channel, and the other of which is provided at one end with a strap hinge, one of the straps of which is pivotally mounted upon one of the side bars and is provided at its other end with means adapted to be detachably locked to the other side bar, and means for detachably securing said carrier to members rigid with the rear end of the automobile.

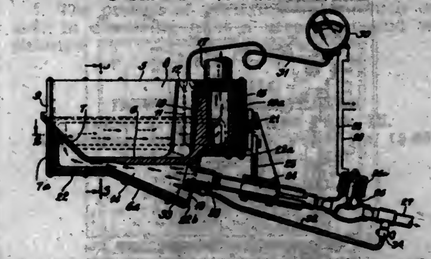
2,106,504
LOOM
Frank D. Lindquist, Worcester, Mass.
Application November 24, 1933, Serial No. 644,459
Renewed July 2, 1937
9 Claims. (Cl. 139—65)

1. A loom comprising a main shaft, a drop box and head motion drum controls operated respectively from the main shaft in timed relation therewith, a drop box lifting mechanism, a harness motion, electrical circuits for predetermined-ly controlling the two mechanisms from the drum controls, and separate means operating



through said circuits to render each of the mechanisms capable of manual preselection.

2,106,505
POT FOR DIE CASTING MACHINES
Louis H. Morin, Bronx, N. Y., assignor to Whitehall Patents Corporation, New York, N. Y., a corporation of New York
Application July 1, 1936, Serial No. 88,363
8 Claims. (Cl. 262—14)

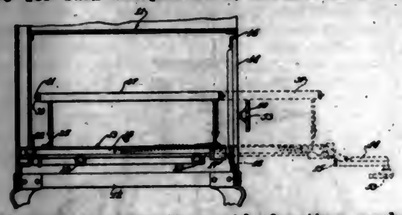


1. In a die casting machine, a pot for supplying heated casting material to a machine, said pot comprising a unitary body having spaced inner and outer bottom, side and end walls, the space between said walls forming a circulating chamber through which products of combustion may be circulated longitudinally of the pot in at least two directions, the inner bottom wall being horizontally arranged, the outer bottom wall extending downwardly in the direction of one end of the pot and terminating in a flared admission opening through which products of combustion may be introduced for circulation through said chamber, the inner bottom wall being directly exposed to the products of combustion to provide direct heat transfer to the material contained within said pot, and means at the top of the pot for discharging products of combustion from said chamber.

2,106,506
BROILER
Harry Fletcher, Mark Bishop, and Benjamin C. Jones, Joliet, Ill., assignors to The Moore Corporation, Joliet, Ill., a corporation of Delaware
Application November 23, 1935, Serial No. 51,166
8 Claims. (Cl. 126—41)

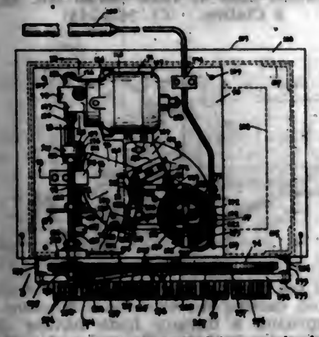
2. In a range having a broiling compartment, a broiler drawer slidably mounted in said compartment, a broiler pan support in said drawer,

elevating mechanism carried by said drawer for supporting and varying the vertical position of said broiler pan support, a door hinged to the front end of said drawer and forming a closure for said compartment, means carried by



said door for actuating said elevating mechanism, and means forming a constantly operative driving connection between said elevating mechanism and said actuating mechanism in all positions of said door.

2,106,507
THERMOMETER
Clifford C. Schweize, Minneapolis, Minn., assignor to O. B. McClintock Company, Minneapolis, Minn., a corporation of Minnesota
Application April 2, 1934, Serial No. 718,551
11 Claims. (Cl. 177—351)



1. A control device comprising a pivoted member, a switch carried by said pivoted member, a pivoted arm for operating said switch, an actuating device having a swinging part, a link between said swinging part and said arm, pivots for pivoting said link to said swinging part and said arm, and means for varying the lever arm of one of said pivots.

5. A control device for a thermometric indicator which includes a plurality of successively operated indicating members, said control device comprising a horizontal support and a vertical support, a plurality of switch elements carried by said vertical support and arranged in concentric relation about a horizontal axis, a shaft coaxially disposed with reference to the axis of said switch elements, complemental switch means for coacting with said switch elements, and forming in conjunction therewith a plurality of switches, means carried by said shaft for operating said switches, a gear secured to said shaft, a shaft overlying said horizontal support, a gear on said second named shaft meshing with said first named gear, reversible drive means for rotating said second named shaft in either direction, a third shaft overlying said horizontal support, drive means between said second and third shafts, an actuating device mounted on said horizontal support and adapted to occupy different positions and moved into said positions by said third shaft, thermostatic means adapted to occupy positions corresponding with the positions of said actuating device, and switch means conjointly controlled by said actuating device and said thermostatic means and controlling the operation of said drive means.

2,106,508
INSOLE
Robert W. Shaw, London, Ontario, Canada
Application August 18, 1933, Serial No. 685,767
4 Claims. (Cl. 36—71)



1. In a shoe, an insole to be built into a shoe or which may be removable, a thickening restricted approximately to that portion of the insole that underlies the outer metatarsal heads of the superimposed foot, in combination with a depression under the inner posterior part of the heel extending forward beyond the place where the heel bone normally rests on the insole, in order to twist the anterior part of the foot inwards, slide the heel backwards, and thus raise the internal arch.

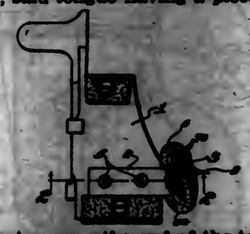
2,106,509
HINGE
Harry F. Smith, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Original application April 20, 1931, Serial No. 533,996. Patent No. 1,979,291, dated November 6, 1934. Divided and this application August 30, 1934, Serial No. 742,136
3 Claims. (Cl. 16—126)



3. As an article of manufacture a door hinge comprising a single member of flexible material having an eye portion provided with a cavity for receiving a supporting pin, and integral projecting means extending from the eye portion, one of said projecting means adapted to support the door or closure member and the other projecting means providing spring means for resiliently holding the door member in a closed position.

2,106,510
SHUTTLE GUARD ATTACHMENT FOR LOOMS
Horace J. Tyree, Clyde Talley, and George A. Gill, Menia, Tex.
Application May 20, 1937, Serial No. 143,691
1 Claim. (Cl. 139—193)

A shuttle guard attachment for looms, in combination with the shuttle box mouth plate of the loom, said attachment comprising a metal plate having an elongated body and a tongue projecting from the body at substantially right angles thereto, said body having apertures for fastening the body of the plate to the shuttle box mouth plate of the loom, said tongue having a piece of metal



secured thereto across the end of the tongue, one end of said piece being curved outwardly from the tongue and a covering of resilient yieldable material embracing said curved piece of metal and said tongue, and means for holding the covering in position.

2,106,511
BOOKBINDING MEANS
Robert Alonzo Williams, Chicago, Ill.
Application June 30, 1936, Serial No. 88,471
16 Claims. (Cl. 281—25)



2. A book comprising: a plurality of folded sheets gathered in groups with their fold portions in superposed relation and having lateral slots cut into said sheets across the fold portions thereof at an oblique angle relative to the long axes of the fold edges of said sheets; a cover member including cover boards hingedly joined and having a cut-away portion in registration with the said slots in said folding sheets; a plurality of key members each having a bottom wall and a pair of oppositely disposed side walls with a key part extended between the said side walls at an oblique angle to the said bottom wall, said key members being fitted upon said folded sheets and cover members in assembled relation so that the said key parts are fitted into the said registered slots with the said bottom walls thereof fitted substantially against the folded edges of said sheets and the hinge part of said covers thereon; and a binding member in the form of a longitudinally extensive channel piece having bottom and side walls and fitted onto the said folded sheets and cover member with the bottom wall thereof in confrontation with the said bottom wall of said key members and the said hinge member, and having its side walls clamped upon the said hinge member and sheets therein in the region adjoining the said fold parts, the edge extremities of the said bottom and side walls of said channel member being bent back upon themselves to form lip parts for limiting the movement of said key members.

2,106,512
AIR VENT
William J. Woolley, Chicago, Ill.
Application October 16, 1934, Serial No. 747,736
3 Claims. (Cl. 137—139)

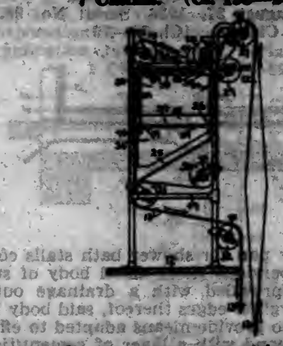


1. In an automatic radiator air vent, a casing, a valve mounted in said casing and having a stem extending into the interior thereof, a float disposed within said casing, a link mounted for pivotal movement within said casing and pivotally connected to said float, and a channel shaped member interconnecting said link and said valve and whose side walls embrace said link to serve as guide means for movements of the valve.

2,106,513
PROCESS FOR EFFECTING BACTERICIDAL ACTION BY THE AID OF CHLORINE
William M. Allison, New York, N. Y.
No Drawing. Original application May 16, 1934, Serial No. 724,914. Divided and this application February 14, 1935, Serial No. 6,517
12 Claims. (Cl. 210—23)

1. The process of purifying water which consists in dissolving in it a urea compound with chlorine.

2,106,514
DOUBLE BELT CARRIER
James L. Baldwin, Oak Park, Ill.
Application April 15, 1935, Serial No. 16,009
7 Claims. (Cl. 198—195)

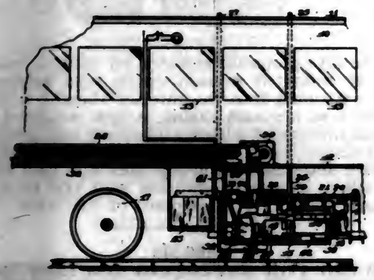


4. A belt conveyor comprising an upright frame, article receiving and sending platforms in the upper and lower parts thereof respectively, an article-depositing belt drive leading to the receiving platform, an article dispatching belt drive leading from the sending platform, and means to lower the receiving platform to direct received articles upon the sending platform for transfer to the dispatching belt drive.

2,106,515
AIR CONDITIONING SYSTEM
Ernest Wanamaker, Chicago, Ill.
Application July 21, 1934, Serial No. 735,735
10 Claims. (Cl. 257—7)

1. Air conditioning apparatus of the character described for a vehicle having an internal com-

bustion engine, including: heat transfer means in said car, said means being adapted to have a heat transfer medium flow therethrough; a heat exchanger adapted to have the exhaust gases of said engine pass therethrough; a flow circuit for said medium including said engine, said heat exchanger, and said heat transfer means, whereby said car is heated and said engine cooled; cooling means; a second flow circuit for said medium in-



cluding said heat transfer means and said cooling means whereby said car is cooled; selective means for rendering either of said flow circuits operative; a radiator for cooling said engine, and means for establishing communication between said engine and said radiator when said second circuit is operative, and for cutting off such communication when said first flow circuit is operative.

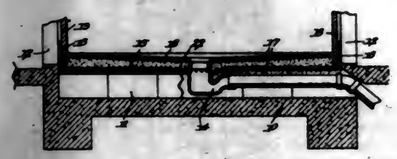
2,106,516

SHOWER BATH AND PAN

Allan Cheney, Cynwyd, Pa.

Application August 27, 1936, Serial No. 98,241

12 Claims. (Cl. 72—70)



11. A shower pan for shower bath stalls comprising an impervious sheet metal body of substantial area provided with a drainage outlet within the marginal edges thereof, said body being deformed to provide means adapted to effect a mechanical bond with a layer of cementitious material on opposite sides thereof and to permit draining of water from all portions of its area toward said drainage outlet.

2,106,517

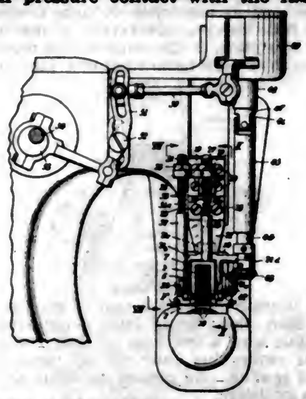
FABRIC FEEDING MECHANISM FOR SEWING MACHINES

Norman V. Christensen, Charles F. Rubel, Clarence C. Smith, Chicago, and Harold J. Le Vesconte, Western Springs, Ill., assignors to Union Special Machine Company, Chicago, Ill., a corporation of Illinois

Application June 5, 1935, Serial No. 25,004

26 Claims. (Cl. 112—212)

1. Feeding mechanism for sewing machines comprising an endless belt; yielding means for holding the belt with capacity for angular movement, in pressure contact with the fabric be-



ing seamed in the sewing machine; and means for driving the belt to progress the fabric.

2,106,518

MANUFACTURE OF COLORED LACQUERS AND COATING COMPOSITIONS

Achille Cassetti, Basel, Switzerland, assignor to the firm J. R. Geigy A. G., Basel, Switzerland

No Drawing. Application September 25, 1935, Serial No. 42,136. In Germany January 20, 1934

10 Claims. (Cl. 134—79)

1. A process for the manufacture of complex compounds containing a triarylmethane dyestuff, a metal selected from the group consisting of Cu, Fe, Co and Ni and a cellulose derivative, comprising treating the dyestuff acid of a triarylmethane dyestuff which contains at least once in the molecule the groups OH and COOH in ortho position to one another, in presence of a cellulose ester lacquer with an acetate of a metal selected from the group consisting of Cu, Fe, Co and Ni.

2,106,519

MANUFACTURE OF COLORED LACQUERS AND FILM-FORMING COATINGS

Achille Cassetti, Basel, Switzerland, assignor to firm of J. R. Geigy A. G., Basel, Switzerland

No Drawing. Application October 23, 1935, Serial No. 46,444. In Germany February 1, 1934

21 Claims. (Cl. 134—79)

1. A process for the manufacture of a colored composition comprising treating a hydroxymonoazodyestuff in presence of a lacquer constituent selected from the group consisting of cellulose derivatives, artificial and natural resins, chlorocaoutchouc and gelatine with a compound of the group consisting of chromic acid, alkali bichromate, and acetates of Fe, Cu, Co and Ni.

2,106,520

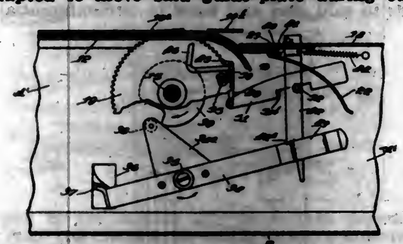
REFOLDING MECHANISM FOR DUPLICATING MACHINES

Allen B. Cooke, Danville, Ill., assignor to United Autographic Register Co., a corporation of Illinois

Application April 26, 1937, Serial No. 139,095

16 Claims. (Cl. 282—16)

10. In an autographic register having a record compartment and a platen over which a strip of forms, provided in alternate forms with detector perforations, may be fed from a zig-zag folded supply packet to said record compartment; a drive shaft journalled in said casing and provided with a feed-wheel and an operating crank; a pivotally mounted guide plate having a driving connection with said drive shaft which is adapted to move said guide-plate during each



rotation of the drive shaft; a latching dog adapted to hold the guide-plate against substantial movement; a rock-arm adapted to hold said dog in guide-holding position; and detector mechanism controlled by the stationery, for controlling operative engagement of the latching dog and rock-arm.

2,106,521

CONTINUOUS METHOD OF REACTING LIQUID REAGENTS

Richard M. Deanesly, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application September 9, 1935, Serial No. 39,909

18 Claims. (Cl. 260—99.12)

1. A process for continuously reacting an organic liquid reagent reactive with another liquid reagent in which it has a low physical solubility which comprises continuously adding said reagents to a reaction mixture of a composition with respect to the elements in the feed which is different from the composition of the total feed, continuously removing reaction mixture from the reaction zone without substantially changing its composition, separating at least a part of the reaction product corresponding to that formed in the reaction and continuously returning sufficient of a remaining component of the reaction mixture to said reaction zone to maintain said composition difference between the total feed and the reaction mixture.

2,106,522

TRIETHANOLAMINE RESIN

Carleton Ellis, Montclair, N. J., assignor to Ellis-Foster Company, a corporation of New Jersey

No Drawing. Application December 31, 1934, Serial No. 760,046

22 Claims. (Cl. 260—6)

1. A resin comprising the reaction product of phthalic anhydride, triethanolamine and a drying oil fatty acid.

2,106,523

COMPLEX RESINOUS BODY AND PROCESS OF MAKING SAME

Carleton Ellis, Montclair, N. J., assignor to Ellis-Foster Company, a corporation of New Jersey

No Drawing. Application July 31, 1935, Serial No. 34,050

6 Claims. (Cl. 260—6)

1. The process which comprises reacting a relatively small amount of a urea with a polyhydric alcohol, a polycarboxylic acid and a glyceride oil.

2,106,524

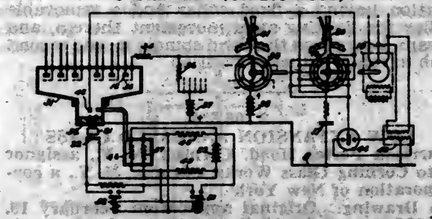
ELECTRON DISCHARGE DEVICE CONTROL SYSTEM

Arthur Gaudenzi, Baden, Switzerland, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland, a joint-stock company of Switzerland

Application January 11, 1934, Serial No. 706,189

In Germany January 20, 1933

9 Claims. (Cl. 175—363)



4. The combination with an electron discharge device comprising a main anode, an auxiliary anode and a cathode of vaporizable material, of means for vaporizing material of said cathode to reduce the dielectric strength of the space thereabout, means comprising a source of current connected with said auxiliary anode and cathode for initiating discharges therebetween, a second source of current connected with said main anode and said cathode to cause a flow of current therebetween upon initiation of said discharge, and means operable responsive to and in dependence on the vapor pressure within said device for controlling the action of the first said means.

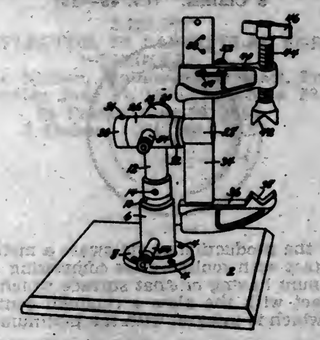
2,106,525

UNIVERSAL TOOL HOLDER

Eugene E. Henry, Upper Darby, Pa., assignor to The J. G. Brill Company, Philadelphia, Pa., a corporation of Pennsylvania

Application July 23, 1936, Serial No. 92,071

1 Claim. (Cl. 29—99)



A tool holder comprising a base formed with a vertically arranged tubular socket, a bearing arranged in and extending above said socket, a vertical spindle having its lower portion rotatably mounted in said bearing and its upper end portion formed to provide an elongated hub portion, a collar adjustably secured to said spindle and engaging the upper face of the bearing to support the spindle, means projecting through said tubular socket into engagement with the spindle to lock said spindle in rotatably adjusted position, a second spindle formed at one end with an elongated hub portion, said second spindle being seated in and extending through and beyond the

first named hub portion and having an annular shoulder adjacent its hub portion engaged with one end of the first named hub portion to limit movement of the spindle in one direction, a removable collar on the projecting end of said second spindle abutting the adjacent part of the first named hub portion to limit movement of the second spindle in the opposite direction, and a third spindle having a tool carrier at one end thereof extending through the second named hub portion having a fixed collar and a removable collar for limiting axial movement therein, and means for locking the third spindle in said second hub in rotary adjusted position.

2,106,526

LOW EXPANSION ANNEALED GLASS

Harrison Porter Hood, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York

No Drawing. Original application February 19, 1935, Serial No. 7,301. Divided and this application November 22, 1935, Serial No. 51,172

7 Claims. (Cl. 106—39.1)

1. An annealed glass article having a minimum thickness of at least six inches and composed of a glass having a thermal expansion coefficient not greater than .0000030 which will not devitrify when heated for more than 10 days at temperatures in the annealing range of the glass, and which consists of silica, boric oxide, alumina and alkali, the silica content being between 75% and 87%, the alumina being between .1% and 1.% as shown by analysis and the total alkali content being between .5% and 2.5%.

2,106,527

REFRACTORY FOR CONTACTING MOLTEN GLASS

John C. Hostetter, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York

Application June 27, 1936, Serial No. 87,781

8 Claims. (Cl. 49—35)



1. In the production of glassware a metal part for contact with molten glass comprising a body of platinum having on that surface which is not in contact with the glass a rhodium containing casing which is integral with the platinum.

2,106,528

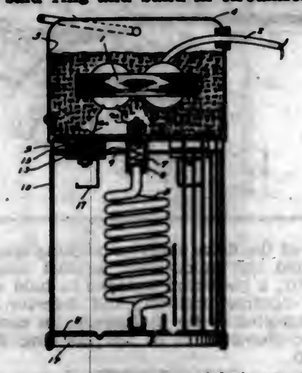
INSECT ELECTROCUTOR

Lloyd Theodore Jones and Joe Keebele Ellsworth, Berkeley, Calif.

Application August 7, 1935, Serial No. 35,143

5 Claims. (Cl. 43—112)

1. An insect electrocuting device comprising a cylindrical housing, insulating posts projecting from the underside of said housing, a first electrocuting cage comprising a ring secured to said insulating posts, electrocuting wires secured at their upper ends to said ring in circumferentially spaced relation and depending downwardly, a second electrocuting cage comprising a ring secured to the underside of said housing, a circular band spaced downwardly from the housing beyond the lower ends of the electrocuting wires of the first cage, electrocuting wires secured at their opposite ends to said ring and band in circumferentially



spaced relation and interposed between the electrocuting wires of the first cage and in circumferentially spaced relation relative thereto, the electrocuting wires of both cages being arranged in substantially the same peripheral plane about the axis of the housing, and a luminescent tube arranged centrally within said cages below said housing.

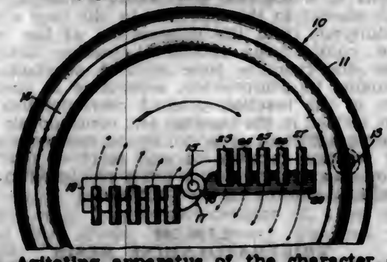
2,106,529

AGITATOR FOR MASH TANKS

Andreas R. Keller, Lombard, Ill.

Application July 23, 1937, Serial No. 155,239

3 Claims. (Cl. 259—107)



1. Agitating apparatus of the character described for a tank adapted to hold a mixture comprising fluid and solids, including: a vertical rotatable shaft; a pair of horizontal blades mounted on said shaft and extending in opposite directions therefrom, said blades being laterally inclined and having their lower edges on the forward side and closely adjacent the bottom of said tank; and a plurality of inclined tubular scoops mounted on said blades, said scoops all having their lower ends forward and progressively decreasing in diameter toward the ends of said blades.

2,106,530

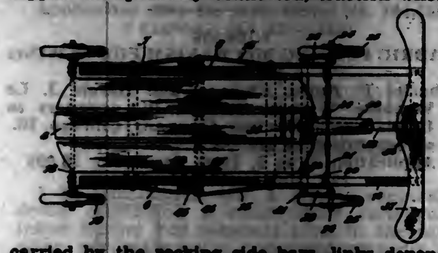
CONVERTIBLE COASTER WAGON AND SLED

Andrew J. Kelly, Richmond, Va.

Application March 15, 1937, Serial No. 131,025

11 Claims. (Cl. 280—9)

1. In a convertible coaster wagon and sled, a body structure, runners for supporting said structure, a rock shaft extending transversely of the structure and provided with terminal crank arms, rocking bars disposed at opposite sides of the structure and having their inner ends overlapped and pivotally connected, traction wheels



carried by the rocking side bars, links depending from the crank arms and pivotally connected with the overlapping ends of the rocking side bars, and an operating handle connected with one of said crank arms.

2,106,531

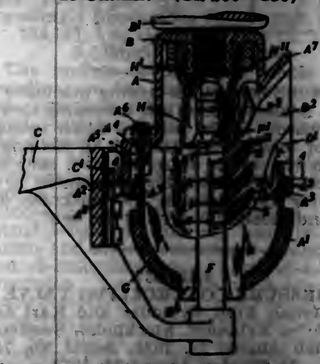
ELECTRIC CIRCUIT BREAKER

Bruce Hamer Loosen, Tynemouth, and Robert William Wild, Low Fell, England, assignors to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England, a company of Great Britain

Application December 1, 1936, Serial No. 113,716

In Great Britain December 14, 1935

16 Claims. (Cl. 200—150)



1. An arc-control device for a liquid-insulated alternating current electric circuit-breaker, comprising cooperating relatively movable contacts, and an enclosure of insulating material surrounding such contacts and having at one side a series of aligned vents leading into a common discharge passage whereby a relatively high pressure will be developed in the enclosure by the arc formed on separation of the contacts to cause a blast of deionizing fluid to be discharged through the arc path and out from the enclosure through the vents and discharge passage, the discharge passage being so shaped as to deflect the discharge from certain vents past the discharge openings of other vents so that a discharge of fluid through a vent will by ejector action set up a suction at the other vents.

2,106,532

METHOD AND APPARATUS FOR SEPARATING GRAVEL, AND THE LIKE

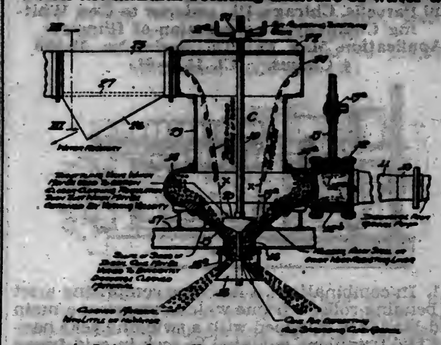
Andrew M. Lochtt, New Orleans, and Herman H. McKenny, Austin, Tex.

Application November 29, 1932, Serial No. 596,894

6 Claims. (Cl. 209—211)

1. The method of separating gravel from trash

of lesser density than said gravel, consisting in delivering a mixture of water, gravel and trash tangentially into the lower outer portion of a substantially cylindrical body of confined water under an impetus sufficient to engender in the combined mass of said mixture and body of confined water centrifugal action to develop a vortex having an unobstructed cavity of inverted frustro-conical shape within said vortex and having upper and lower circular passages in direct communication with the exterior of said vortex, and continuously elevating and withdrawing by said centrifugal action the annular rotating mixture of water and



separated trash collected adjacent to and surrounding said upper circular passage, and simultaneously washing the gravel by agitating and frictionally engaging the gravel and water precipitated and rotating in the annular section of said vortex below the point of tangential delivery of said mixture of water, gravel and trash, and uninterruptedly gravitating the washed gravel continuously collecting, and rotating with decreasing linear velocity within the lowest annular section of said vortex freely through the lower circular passage of said unobstructed cavity.

2,106,533

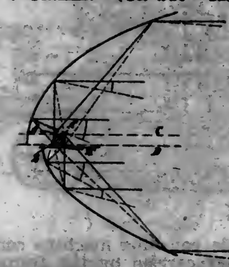
REFLECTOR, IN PARTICULAR FOR VEHICLES

Frédéric Nielsen, Mulhouse-Brunstatt, France

Application June 27, 1935, Serial No. 28,717

In France June 30, 1934

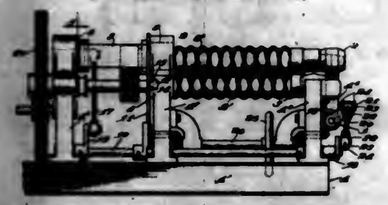
7 Claims. (Cl. 240—41.37)



1. A reflecting system comprising a source of light and a reflector, said reflector being composed of an upper part and a lower part, said parts lying on opposite sides of the reflector axis, each part having an outer limb and an inner limb, the outer limbs comprising in section parabolic curves having focal points which lie on a line extending above and parallel to said axis, said inner limbs comprising in section curves continuous with said outer limbs from

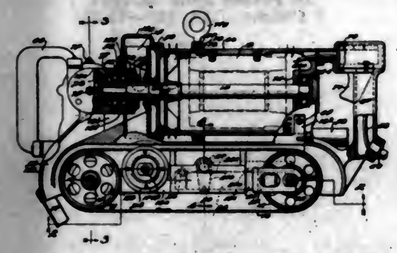
tangent points lying on planes extending normal to said axis and passing through the focal points of said outer limbs, said source of light being positioned below said line, and said parts being adapted and arranged to reflect all light rays entering said reflector parallel to said axis so that they do not enter the space between the focal points of said outer limbs and the lower end of said source of light.

2,106,534
BENDING ROLLS MACHINE
Paul Parcells, Chicago, Ill., assignor to Geo. Whiting Company, a corporation of Illinois
Application May 15, 1936, Serial No. 79,995
4 Claims. (Cl. 153—61)



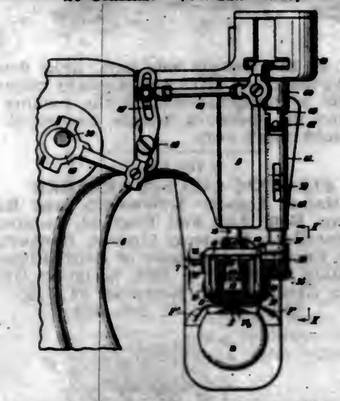
1. In combination: a machine comprising a set of bending rolls, a frame which comprises a main end-standard equipped with a swinging yoke having two trunnions mounted to rock in said frame and provided with an eccentric bearing to receive one end of one of the rolls, an outwardly and downwardly swinging pivoted standard provided with a bearing for the other end of said roll, and means comprising an oscillatable shaft provided with cranks for moving the pivoted standard bearing from engagement with the roll and moving said roll by rocking said yoke when said pivoted standard is pulled outwardly by hand.

2,106,535
PORTABLE POLISHING MACHINE
Herbert J. Pattison, Detroit, and William K. Barton, Grosse Pointe Park, Mich., assignors to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application February 19, 1936, Serial No. 64,668
7 Claims. (Cl. 51—170)



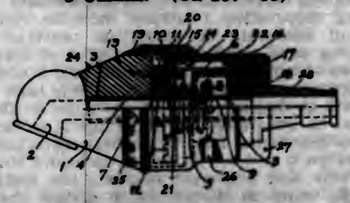
1. A portable polishing machine comprising a frame, a pulley carried by the frame, a guide block carried by the frame and provided with a pair of parallel holes directed away from the pulley and a transverse hole offset from but intersecting the parallel holes, a pair of cylinders slidable in the parallel holes and having gear teeth spaced along their length, a gear-like cylinder rotatable in the transverse hole with its teeth engaging the teeth on the slidable cylinders, manually operable means for rotating the rotatable cylinder, an idler pulley carried by the slidable cylinders, a polishing belt around the pulleys, and resilient means urging the slidable cylinders and the idler pulley away from the other pulley.

2,106,536
FABRIC FEEDING MECHANISM FOR SEWING MACHINES
Charles F. Rubel, Chicago, and Harold J. Le Vesconte, Western Springs, Ill., assignors to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application June 5, 1935, Serial No. 25,095
29 Claims. (Cl. 112—212)



1. Feed mechanism for sewing machines comprising a flexible endless belt extending forwardly and rearwardly of the point of stitch formation; means for maintaining the belt in yielding contact with the fabric being seamed, said means having capacity for angular movement to compensate for variations in the thickness of the fabric; and means for driving the belt.

2,106,537
PRESSURE CONTROLLING VALVE
Anders Johan Emil Rylander and Karl Gustav Vilhelm Rylander, Stockholm, Sweden
Application August 24, 1934, Serial No. 741,320
In Sweden August 24, 1933
5 Claims. (Cl. 137—53)



1. A pressure relief and indicating valve of the character described comprising a casing having a compressed air conduit extending therethrough, a recessed valve seat surrounding said conduit and having its recess in constant communication with the interior of said conduit, a constantly loaded valve also surrounding said conduit and normally seated upon said recessed valve seat, means for adjusting the effective area of the recess in said valve seat covered by said valve, and said casing having an opening for the escape of air therefrom when said valve is raised from its seat.

2,106,538
EXTENSION SHELF
Paula F. Schmitt, St. Louis, Mo., assignor to Anna Fowler, St. Louis, Mo.
Application May 24, 1937, Serial No. 144,260
2 Claims. (Cl. 211—153)

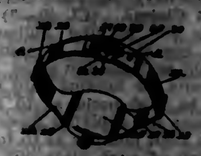


1. In combination with a grill, a supporting device comprising a substantially rectangular frame having side members lying in the same plane, one end member projecting upwardly beyond the plane of the side members, and the other end member having spaced portions projecting upwardly beyond the plane of the side members, and an intermediate portion extending downwardly below the plane of the side members.

2,106,539
STABLE DIAZO SALT PREPARATIONS AND PROCESS OF PREPARING THEM
Karl Schmidhammer, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application July 7, 1934, Serial No. 734,197. In Germany July 13, 1933
5 Claims. (Cl. 23—350)

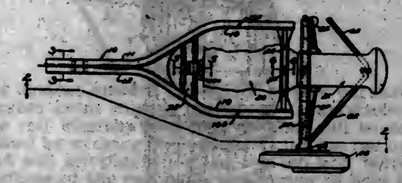
1. The process of preparing stable diazosalt preparations on the basis of diazonium sulfates which comprises separating in solid form diazonium sulfates from aromatic monoamines of the benzene series selected from the group consisting of mono-, di- and polyhalogenaminobenzenes, nitroaminobenzenes, dihalogentoluidines and dihalogenaminophenol ethers, 1-amino-4-methyl-3-halogenbenzenes, 1-amino-2-methyl-3-halogenbenzenes, 1-amino-5-chloro-2-alkoxy- and aryloxybenzenes, 1-amino-2-nitro-4- and -5-halogenbenzenes, 1-amino-4-chloro-3-nitrobenzene, 1-amino-2-chloro-4-nitrobenzene, 1-amino-3-methyl-4-nitro- and -6-nitrobenzene, 2-amino-4-nitro- and 4-amino-3-nitro-1-phenolethers, by diluting with organic liquids miscible with sulfuric acid the diazo solutions obtainable by diazotising these amines in sulfuric acid of high concentration, isolating the separated diazonium sulfates and mixing them with the quantity of a mild alkaline agent which corresponds to the sulfuric acid mechanically adhering to the diazonium sulfate plus the quantity equivalent to the acidity of the acid diazonium sulfate.

2,106,540
WRIST WATCH BAND
Herbert K. Smith, Inglewood, Calif.
Application March 26, 1937, Serial No. 133,239
4 Claims. (Cl. 24—77)



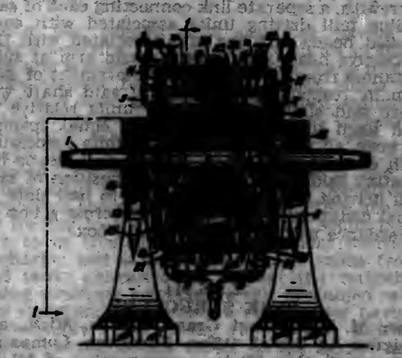
1. A separable fastener for the members of a split band of a wrist watch comprising an upstanding lug on one member, the other member having a perforation to receive the lug, a keeper slidable on the free ends of said members and provided with a tongue having a perforation also to receive the lug, said lug having a forwardly projecting finger engageable over the outer face of tongue to prevent said tongue from becoming disengaged from the lug.

2,106,541
ENGINE MOUNTING
John Tjaarda, Birmingham, Mich., assignor to Briggs Manufacturing Company, Detroit, Mich., a corporation of Michigan
Application April 9, 1934, Serial No. 719,656
11 Claims. (Cl. 180—54)



1. A motor vehicle having a frame and a propulsion unit adjacent the rear end thereof, said propulsion unit supporting the rear portion of said frame and comprising a unitary casing containing an engine and transmission mechanism, said casing having a forwardly extending bearing, a resilient engine mounting secured to the vehicle frame adjacent the forward end of said casing and adapted to receive said bearing, suspension means connecting the frame and casing intermediate the ends of said casing, and spring means supported directly by the driving wheels of the vehicle and directly connected with said casing rearwardly of said suspension means.

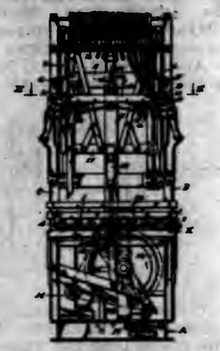
2,106,542
ELECTROMAGNETIC APPARATUS
Anthony Winther, Kenosha, Wis.
Application July 20, 1936, Serial No. 91,176
15 Claims. (Cl. 171—252)



1. In apparatus of the class described, a rotor, a stator, said rotor having teeth adjacent the stator, a coil located peripherally of one of said members and forming a toric flux field passing through both of them and engendering opposite polarity at adjacent surfaces between the rotor and stator, at least one peripheral water circu-

lating passage about the stator and at least one heat transmitting wall in said passage adapted to accommodate said flux.

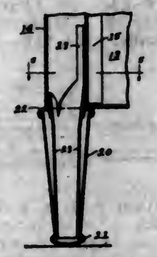
2,106,543
CRATE LIDDING MACHINE
Herbert E. Twomley, Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation, a corporation of Delaware
Application August 10, 1934, Serial No. 739,275
4 Claims. (Cl. 1—10)



1. In a machine for applying a series of wood strips as a cover to a box, a nailing table for supporting a box ready to receive said strips, a nailing head for each end of said box extending across said nailing table in alignment with the ends of a box on said nailing table; nail driving units associated with each of said nailing heads, one for each of the strips employed to cover a single box, means fixedly mounting one of said nail driving units on each of said heads in a predetermined alignment relative to the rear of said nailing table to nail the rearmost strip in predetermined fixed relation to the rear side of said box, means mounting the others of said nail driving units for sliding movement relative to said fixed nailing units, a rotatable shaft extending between said nailing heads and having an arm thereon for each of said nailing heads, said arms being rigidly attached to said shaft for rotation therewith, a separate link connecting each of said sliding nail driving units associated with each of said heads with the arm associated with the respective head, and engaging said arm at such distances from said shaft that movement of said arm in response to rotation of said shaft will move said sliding nail driving units relative to said fixed unit but maintaining equal spacing between all of the nail driving units associated with each of said heads, and manual means for rotating said shaft to adjust the position of said nail driving units to adapt them to nail slats at equal distances from each other across a box in accordance with the width of said box.

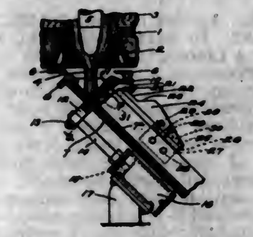
2,106,544
DESK STRUCTURE
Peter M. Were, East Grand Rapids, Mich., assignor to Metal Office Furniture Company, Grand Rapids, Mich., a corporation of Michigan
Application June 13, 1935, Serial No. 26,290
2 Claims. (Cl. 45—6)

1. A drawer pedestal including a skeleton frame provided with tubular corner posts, tubular members having upper portions longitudinally split and compressibly fitted within and depending from each tubular corner post, tubular sleeves fitted on the tubular members, and means



carried by the upper ends of the sleeves and supporting the skeleton frame.

2,106,545
GLASS FEEDING APPARATUS
Lloyd G. Bates, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a corporation of Delaware
Application April 29, 1936, Serial No. 76,985
10 Claims. (Cl. 49—55)

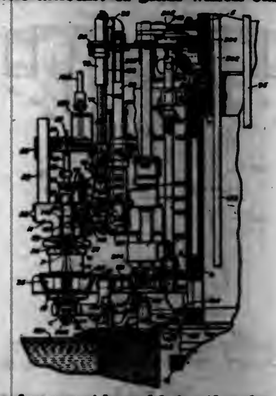


1. Glass feeding apparatus comprising a trough or chute and a supplemental glass supporting member for cooperating with said trough or chute to support the lower end portion of a column or stream of glass below an outlet from which such glass has issued, means for varying the distance below said outlet at which said trough or chute and said supplemental member support said glass, and means for effecting relative opening and closing movements between said trough or chute and said supplemental member.

2,106,546
APPARATUS FOR FORMING GLASSWARE
Robert W. Canfield and Thomas Waugh, West Hartford, Conn., assignors to Hartford-Empire Company, Hartford, Conn., a corporation of Delaware
Application February 14, 1935, Serial No. 6,424
14 Claims. (Cl. 49—5)

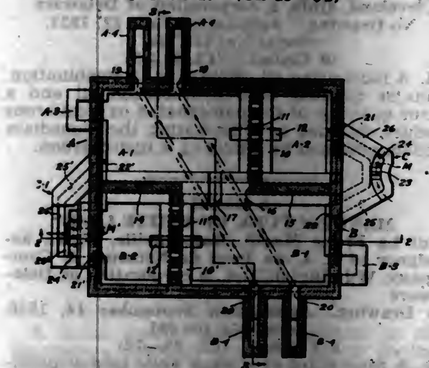
1. Apparatus for making hollow glassware, comprising in combination a mold, means for filling said mold with molten glass, a measuring receptacle, means for holding said receptacle in such relation to said mold as to receive glass therefrom, means for applying force to the glass in said mold in such manner as to force the central core portion of such glass out of the mold and into said measuring receptacle to fill said receptacle, and means for adjustably varying the

capacity of said receptacle for thereby predetermining the amount of glass which can be forced



thereinto from said mold in the forming of a glass article.

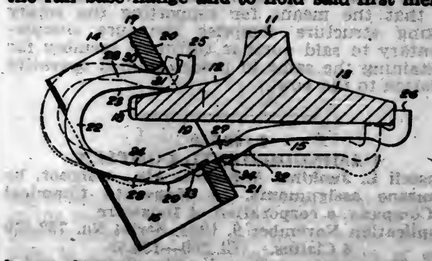
2,106,547
GLASS MELTING FURNACE
Robert W. Canfield, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a corporation of Delaware
Application September 12, 1936, Serial No. 100,407
15 Claims. (Cl. 49—54)



1. A glass melting furnace comprising a pair of juxtaposed tanks, each having longitudinally aligned glass melting and glass refining compartments, each of said tanks being reversed endwise with respect to the other, so that its glass refining portion is located along side of the glass melting portion of the other tank and a glass level equalising connection between the melting compartment of the tanks.

2,106,548
RAIL ANCHOR
Francis W. Cooper, Montreal, Quebec, Canada, assignor to The Stend Rail Anchor Company, Limited, Montreal, Quebec, Canada, a corporation of Canada
Application October 23, 1930, Serial No. 490,635
25 Claims. (Cl. 238—329)

1. A rail anchor comprising a member formed to engage the bottom surface of one base flange of a rail and the relatively inclined top surface only of the other base flange of the rail and adapted to be moved transversely of the rail, and a second member adapted to engage the lower surface of said other rail base flange and thereby to be positioned on said other rail base flange and to engage the upper surface of said first member at a point above the rail base and outwardly of the engagement of the first member with the top of the rail base flange and to hold said first member against upward movement at said outwardly located point during movement transversely of the rail whereby said first member will be tensioned by wedging co-operation with the rail base and will grippingly engage the top and bottom surfaces of the rail base, and means to hold the first member against movement in a reverse direction to that causing tension of said first member.



2,106,549
CLASSIFIER
Harold Boyd Coulter, Mamaroneck, N. Y., assignor to The Dorr Company, Inc., New York, N. Y., a corporation of Delaware
Application May 1, 1935, Serial No. 19,218
Renewed November 10, 1937
11 Claims. (Cl. 209—465)



1. A two compartment classifier having a lower classifying tank provided with an inclined deck and a solids agitating and conveying mechanism therein for advancing settled solids up along said deck, an upper bowl-shaped sedimentation compartment having associated therewith a rotatable raking structure provided with rotatable rake arms carrying raking blades and adapted for operation with respect to a load of settled solids in the bowl, means for operatively supporting the rotatable raking structure, means for feeding to the classifier a liquid solids mixture to be treated therein, an effluent overflow discharge, and a discharge for the solids from said tank; characterized in that the rotatable raking structure comprises a self-contained rake arm structure constituting a rigid spider having substantially radial arms rigidly and directly interconnected at the center of the spider, and by and from which arms the raking blades are supported; and in that the rotatable structure further comprises a movable annular turntable member, a hollow torsion member of a suitable width and coaxial with and rigidly interconnecting said turntable member and the self-contained rake arm structure, which hollow torsion member thus overlies the center portion of the

spider and thereby defines inner and outer rake arm portions of the spider, the width of said torsion member being such as to establish a ratio of lengths of outer to inner rake arm portions by virtue of which ratio the rotatable raking structure is adapted to assure a desired rigidity and operating stability with regard to stress reaction from the operating load; and furthermore in that the means for supporting the rotary raking structure comprise structure complementary to said annular turntable member for sustaining the same in predetermined operative relation to the bowl.

2,106,550

4-AMINODIPHENYL COMPLEX

Russell L. Jenkins, Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company, a corporation of Delaware

Application November 9, 1934, Serial No. 752,220

5 Claims. (Cl. 260—130.5)

4. The addition salt of 4-aminodiphenyl and a compound selected from the class consisting of phenol, hydroquinone and pyrogallol.

2,106,551

4-AMINODIPHENYL COMPOUNDS

Russell L. Jenkins, Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company, a corporation of Delaware

Application January 24, 1935, Serial No. 3,265

2 Claims. (Cl. 260—130.5)

1. As a chemical compound the addition product of 4-aminodiphenyl and beta naphthol, said addition product being characterized by the fact that upon the addition of acid thereto 4-aminodiphenyl acid addition salt and beta naphthol are liberated.

2,106,552

THIOCARBANILIDE DERIVATIVES

Russell L. Jenkins, Kirkwood, Mo., and Max M. Levine, Rochester, N. Y., assignors, by mesne assignments, to Monsanto Chemical Company, a corporation of Delaware

No Drawing. Application March 30, 1936, Serial No. 71,684

3 Claims. (Cl. 260—125)

3. A chemical compound consisting of the reaction product of carbon disulfide with an amine selected from the group consisting of 2,4-diphenylaniline and 4,4'-dichloro-2-aminodiphenyl.

2,106,553

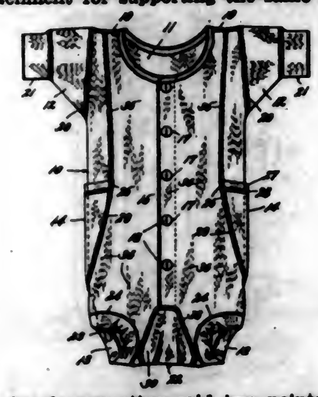
DROP SEAT GARMENT

Joseph H. Le Coney, Bedford, Mass., assignor to Earnshaw Knitting Company, Newton, Mass., a corporation of Massachusetts

Application September 7, 1935, Serial No. 39,587

2 Claims. (Cl. 2—78)

1. A garment comprising a cylindrical body portion having front and back parts, a drop seat attached at its bottom edge to the bottom edge of said front part to form a crotch portion and having an elastic top edge, the two ends of which are secured to said front part at the waist line thereof at points intermediate the center and sides of said front part, the width of said drop seat increasing in an upward direction to form side portions overlapping the sides of said front part, the side edges of said side portions being free and unattached between said elastic top edge and the bottom edge of the drop seat, reinforcements in said front part extending from the shoulder seams of said body portion to said points of attachment for supporting the same and an



elastic band connecting said two points of attachment to hold the same in normal relation when said drop seat is closed.

2,106,554

LUBRICATING OILS

Bert H. Lincoln and Alfred Henriksen, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio, a corporation of Delaware

No Drawing. Application June 22, 1932, Serial No. 618,704

10 Claims. (Cl. 87—9)

1. A lubricating oil comprising in combination, a major quantity of a hydrocarbon oil and a minor quantity of the halogenated oxygeniferous product obtained by chlorinating the immediate product obtained by oxidizing a hydrocarbon.

2,106,555

MANUFACTURE OF WHITE LEAD

Paul La Frene Magill, Ransomville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application September 14, 1936, Serial No. 100,681

9 Claims. (Cl. 23—72)

1. A process for producing white lead comprising exposing an alkali metal-lead alloy to the action of an aqueous reagent capable of reacting with lead to form the basic carbonate thereof.

2,106,556

ALTERNATING CURRENT APPARATUS

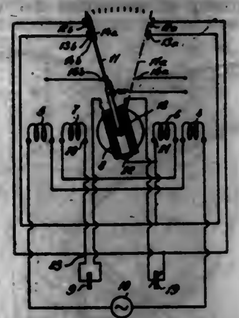
Aage Valdemar Petersen, Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y., a corporation of New Jersey

Application February 27, 1937, Serial No. 126,141

In Great Britain January 14, 1936

8 Claims. (Cl. 175—183)

1. In an alternating-current deflectional instrument, a primary circuit including a primary winding for connection to a fixed alternating-current supply line, a secondary circuit including in series a secondary winding, a moving coil and a reactance subject to variation, said secondary winding and said moving coil being magnetically coupled to said primary winding, the current in said reactance being only that induced by said primary winding, a pointer attached to said moving coil and movable therewith in two directions, and capacitive means retaining said pointer



against movement in either direction until said reactance attains a preselected value.

2,106,557

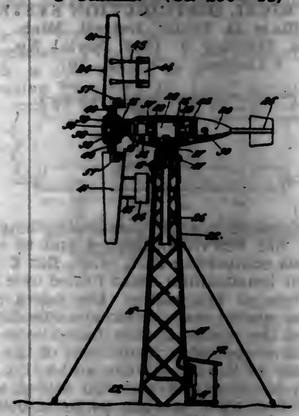
AERO-ELECTRIC GENERATION SYSTEM

Palmer C. Putnam, Harwich, Mass.

Application June 22, 1935, Serial No. 27,917

Renewed December 7, 1937

5 Claims. (Cl. 290—44)



5. In an electric generating system, in combination, a propeller type wind motor having a blade of variable angle of attack, an electric generator driven by said motor, and means controlled by the temperature of said generator for changing the angle of attack of said blade.

2,106,558

XANTHATES OF RESIN ALCOHOLS AND METHOD FOR THEIR PRODUCTION

Philip A. Ray, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application May 14, 1935, Serial No. 21,483

18 Claims. (Cl. 260—99.11)

1. A xanthate of an alcohol produced by carboxylic reduction of a resin acid.

2,106,559

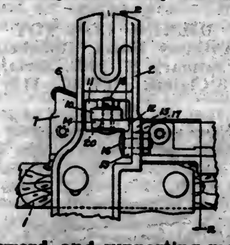
ADJUSTABLE BOX PLATE

James M. Tuten, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine

Application September 2, 1937, Serial No. 162,693

5 Claims. (Cl. 139—183)

1. In a loom, the combination of a lay sword, a lay beam fixed to the front face of said sword below the top thereof, a shuttle box including a back shuttle guiding plate positioned in front of said sword above said lay beam, said plate having a lug extending rearwardly through an opening in said sword, and supporting means located at the back of the sword for supporting said lug and thereby said plate, said means being adjustable to adjust the vertical inclination of said plate.



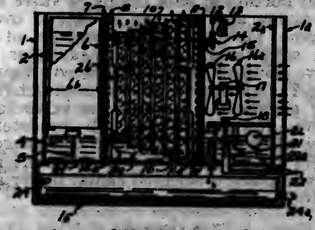
2,106,560

HUMIDITY AND AIR COOLING MACHINE

Joseph M. Barrett, East Cleveland, Ohio

Application August 26, 1932, Serial No. 630,493

3 Claims. (Cl. 261—92)



1. In an air conditioning apparatus, the combination of a side and bottom wall structure forming water storage space, an air accelerating means, a pair of pulley units located one above the other, the lower unit placed so that a portion of its surface will be submerged in water in said storage space, endless belt means interconnecting the pulley units, means for revolving said pulleys, and a refrigerating means placed in such a position that part of its surface is subjected to air currents from the air accelerating means and a portion of said means submerged in the water storage space.

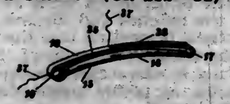
2,106,561

HAIR CLIP

Frank Belter, Long Island City, N. Y.

Application February 8, 1936, Serial No. 62,928

1 Claim. (Cl. 132—31)



In a hair clip having inner and outer bow-shaped resilient members integrally connected at one end by a U-shaped loop, an inreaching curved hook on the opposite free end of said outer member, the terminal portion of said hook containing a substantially triangular opening, a prong on the free end of said inner member engageable in the mentioned opening, a longitudinal reenforcing rib on said inner member, serrations on both longitudinal edges of said outer member,

a strand of hair closely coiled around said outer member to entirely cover it, said hair engaging in the serrations, and means to secure the ends of said hair strands.

2,106,562
MILKING COW TOY
Mark Anthony Bucci, Hoboken, N. J.
Application January 27, 1937, Serial No. 122,523
2 Claims. (Cl. 46—115)



1. A milking cow toy comprising material formed to simulate a cow and having perforated teats, a hollow cylindrical casing within said cow figure and extending from the teat portion to the hind portion, a liquid bottle within said cow figure and having an outlet pipe connecting with the lower portion of said casing, a valve slidable in said casing and adapted to extend over said outlet pipe to control the passage of liquid through said teats, resilient means for urging said valve upwards, a tail for the cow figure and carrying radial fingers of different lengths selectively engageable against the valve to move the valve downwards through predetermined distances when the tail is moved downwards, and means for holding said tail in different rotated positions to place a selected radial finger against said valve.

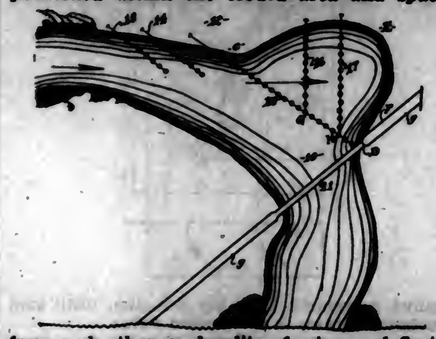
2,106,563
GARMENT HANGER
Bernard Cahn, San Diego, Calif.
Application July 22, 1936, Serial No. 91,873
1 Claim. (Cl. 223—88)



A hanger formed from pressed fiber board and comprising a relatively rigid shoulder section and a cross bar, the cross bar being formed from a relatively light fiber board provided with notches in its ends, the latter board being folded over on each side of the notches and the free ends of the shoulder sections projecting into the notches and secured to the folded-over sides of the cross bar, and reinforcing blocks secured between the folds of the cross bar at points substantially midway of the length thereof.

2,106,564
CURRENT DIVERSION MEANS
Leonard E. Fisk and Leroy E. Lucas, Topeka, Kans.
Application October 29, 1936, Serial No. 108,124
4 Claims. (Cl. 61—3)

2. In a system of permeable obstacles in the bed of a stream, a plurality of obstacles connected to a cable comprising a string, a main deflector string positioned across the mouth of an eroded area, a plurality of secondary deflector strings positioned within the eroded area and spaced



from each other, a plurality of primary deflector strings spaced from each other and positioned near the upstream end of the main deflector string.

2,106,565
ELECTRICAL DISTRIBUTION SYSTEM
William H. Frank, Detroit, Mich.
Application January 9, 1936, Serial No. 58,207
2 Claims. (Cl. 191—39)

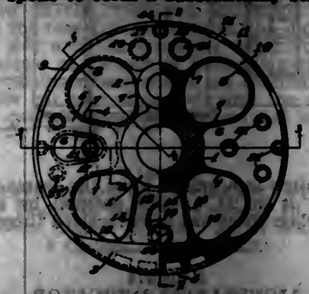


1. A continuous bus run comprising lengths of thin, wide, flat bus ribbon joined end to end by splice means comprising thin, wide, flat C straps having their longitudinal edges folded over longitudinal edges of bus ribbon, the edges of the straps being spaced apart a considerable distance, the folds of the straps having formations interlocking with cooperating formations of the longitudinal edges of the bus ribbon, and a thin, wide, flat ribbon of insulation material folded around the bus ribbon with its edge portions being directed towards each other so as to lie substantially alongside of the bus ribbon so as to cover all but a narrow stripe on one flat side of the bus ribbon, the external dimensions of the folded splice straps being substantially no greater than the external dimensions of the bus ribbon at points remote from the splices, the insulator enclosing the splice straps, with the gaps between the edges of the splice straps registering with the gap between the edges of the insulation ribbon and with the longitudinal edges of the insulation being alined with the longitudinal edges of the splice straps.

2,106,566
WHEEL
Einar G. Hallquist, Wallingford, Pa., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application July 17, 1933, Serial No. 680,726
3 Claims. (Cl. 295—23)

1. A locomotive driving wheel structure including a hub annulus of solid cross-section, spokes radiating therefrom, each being of hollow box-section with the inner ends of all of its walls merging with said solid cross-section annulus

and with the outer ends of each of its walls, which extend transversely of the wheel structure, terminating in a substantially quarter circle arc to merge with the corresponding wall of an adjacent spoke to form a substantially semi-circu-



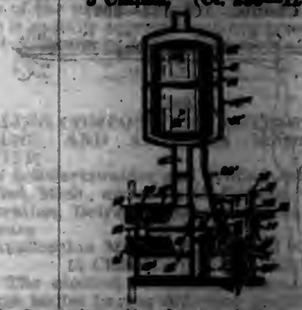
lar arch connecting the spokes, and a peripheral rim web spaced outwardly from the arch forming portions of the spoke transverse walls to form a hollow box-section rim portion between the main axes of adjacent spokes.

2,106,567
JOINT AND METHOD OF MAKING THE SAME
George H. Hufford, Detroit, Mich., assignor to Thompson Products Incorporated, Detroit, Mich., a corporation of Ohio
Application February 18, 1935, Serial No. 7,013
15 Claims. (Cl. 29—153)



1. The method of making joints having a headed stud member freely rotatable and tiltable in a socket member which comprises providing an annular ring of a relatively soft workable metal in the socket member, and pressing the stud head into the ring to form a bearing surface thereon for the stud head.

2,106,568
WATER SHOWER TEMPERATURE REGULATOR
Nunzio Inclima, New York, N. Y.
Application April 17, 1936, Serial No. 74,973
5 Claims. (Cl. 236—12)



1. An automatic shower temperature regulator, comprising a hot and cold water supply discharging into a mixing passage and then into a circulating chamber, valves for controlling said supplies and connected together to operate oppositely simultaneously, a compressed air or gas container within said chamber, a diaphragm controlled by said air or gas, means for translating the movements of said diaphragm to move said valves, and means for counterweighting the action of said diaphragm, said diaphragm being housed within a telescopic casing having a bottom fixed section and a top movable section, a finger projecting from said top movable section, and a valve stem for operating said valves connected with said finger, a rod being pivotally mounted at one end to a fixed part, and intermediately pivotally mounted with said finger, and its free end provided with a movable seat, and a chain connected with said arm and adapted to engage elements on the stationary part by which the valves may be held in pre-determined fixed positions.

2,106,569
BRASSIÈRE
Siegfried Leffmann, London, England, assignor to Kops Brothers, Inc., New York, N. Y., a corporation of New York
Application June 9, 1937, Serial No. 147,201
1 Claim. (Cl. 2—42)



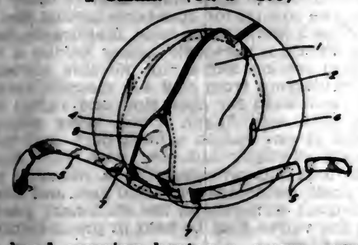
A brassière comprising a body encircling member having a pair of bust pockets inter-connected by non-elastic fabric, and an elastic band extending freely in a diagonal direction across the lower portion of each pocket, each of said bands having one end thereof secured at a point between said pockets and the other end secured at a lower point along substantially the vertical center-line of the related pocket, the length of each of such bands being such as to cause puckering of the super-posed portions of the pockets.

2,106,570
HEAD COVERING
Ruby Lipton, New York, N. Y.
Application May 18, 1937, Serial No. 143,277
4 Claims. (Cl. 2—196)



1. A new article of headwear comprising a crown having a radial open ended slit in the side thereof forming an adjustable opening, a brim, a tongue for said opening carried by said crown and having the lower portion thereof extending outwardly beyond the periphery of the crown, and adjustable tying members attached to the brim on each side of the opening for adjusting the size of the hat to the head of the wearer, said tying members cooperating and interengaging with the lower portion of the tongue to retain the same in flattened condition on the head of the wearer.

2,106,571
HAT
Ruby Lipton, New York, N. Y.
Original application May 18, 1937, Serial No. 143,277. Divided and this application October 19, 1937, Serial No. 169,573
1 Claim. (Cl. 2—198)



A head covering having a crown, means to open the crown into two portions, hookless slide fastener elements adapted to effect closure of part of the said opening, and size adjusting elements adapted to complete the closure comprising ribbons attached to either side of the opening adjacent the base of the crown, the said ribbons being adapted to be wound in opposite direction about the outside of the head covering and suitably fastened there as trim in position determined by the size of the head of the wearer.

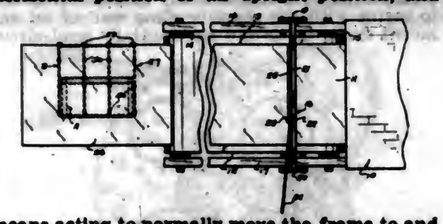
2,106,572
PROPORTIONING VALVE
Andrew Charles Meagher, Los Angeles, Calif.
Application May 14, 1934, Serial No. 725,666
Renewed July 7, 1937
6 Claims. (Cl. 137—166)



1. In a valve of the class described, a housing with an inner wall therein defining a chamber, an inlet opening in said chamber for a fluid material, a member having a lateral surface slidable within said inner wall, said member having two chambers formed therein each having an outlet opening on opposite ends of said member, at least one port of predetermined length appurtenant each chamber in the lateral wall of said member, ports in said inner wall of said predetermined length but spaced apart the distance between said first-mentioned ports less said predetermined length, and means for moving said member longitudinally of said housing for effecting a variable amount of registry between said ports and a different apportionment of the fluid material admitted into said first chamber between the two chambers in said member.

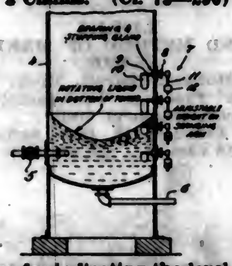
2,106,573
SHEET GLASS HANDLING APPARATUS
John H. Meiler, Charleston, W. Va., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio, a corporation of Ohio
Application February 20, 1936, Serial No. 64,323
8 Claims. (Cl. 214—130)

1. In apparatus for handling glass sheets, a movable carriage, a tilting frame freely pivoted to said carriage and adapted to assume either a horizontal position or an upright position, and



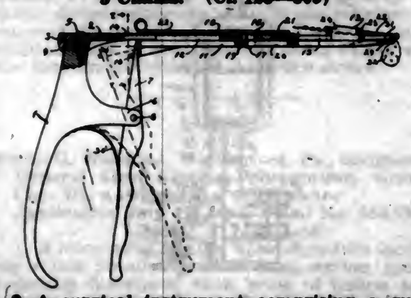
means acting to normally move the frame to and maintain it in its upright position by gravity when a glass sheet has been received thereon.

2,106,574
LIQUID LEVEL INDICATOR
Francis Reed Meore, Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application November 25, 1936, Serial No. 112,695
3 Claims. (Cl. 73—290)



1. A device for indicating the level of a moving liquid within a vessel, comprising means within the vessel adapted to be angularly displaced from a normal position when submerged within a moving liquid, means without the vessel to indicate the displacement of the internal means, means connecting the internal displaced means and the external indicating means, and weight means, external to said vessel, acting to prevent displacement of said internal means when unsubmerged or when submerged in a substantially motionless liquid.

2,106,575
TONSILLOTOME
John T. Moore, Tampa, Fla.
Application February 17, 1936, Serial No. 64,361
5 Claims. (Cl. 128—309)



2. A surgical instrument comprising a guide member, a blade-carrying member adapted for

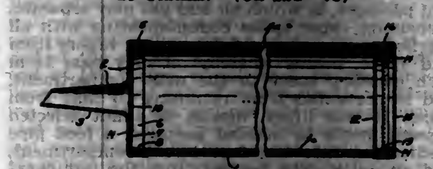
sliding engagement with said guide member and having a T-shaped projection at one end, an operating lever bearing against said end of said carrier and having a slot near its end for the stem portion of the T-shaped projection, the cross-bar of the T-shaped projection bearing against the rear side of the lever, the dimensions of the slot and the cross-bar being such that upon release of the carrier from the guide member permitting movement of the carrier to bring the cross bar into alinement with the slot, the carrier can be disconnected from the lever.

2,106,576
SUPPORT FOR REINFORCING STEEL
Frank D. Holland, Chicago, Ill.
Application August 9, 1937, Serial No. 158,262
6 Claims. (Cl. 72—123)



1. A supporting unit of the character described comprising a length of wire corrugated laterally so that all portions of its upper surface will lie in a horizontal plane, and supporting chairs secured to the wire at spaced intervals.

2,106,577
DISPENSING RECEPTACLE FOR PLASTIC SUBSTANCES
William E. Sherbondy, Shaker Heights, Ohio
Application December 16, 1936, Serial No. 54,616
16 Claims. (Cl. 221—73)



1. In a dispensing receptacle for plastic material, a tube of relatively yieldable material, rigid annular means, having a flange peripherally and continuously embracing one end of the tube and directly engaging the yieldable material thereof, and closure means concentric with the aforesaid means and disposed inside the tube radially opposite the annular means, the radial distance between the two means being less than the thickness of the tube wall whereby the material of the tube is radially squeezed and compressed between the two means to form a seal.

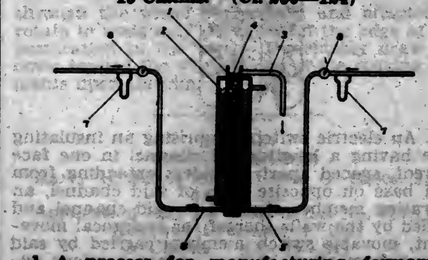
2,106,578
SEALING COMPOSITION, METHOD OF USING SAME, AND ARTICLES MADE THEREWITH
Karl Schwartzwalder and William Shuford Kirk, Flint, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application May 4, 1936, Serial No. 77,674
14 Claims. (Cl. 123—169)

1. The method of securing together heat resistant bodies having different coefficients of expansion which consists in preparing a pulverized mixture of glass and graphite, applying the mixture to the bodies in position to form a joint therebetween, and heating the material to fusion



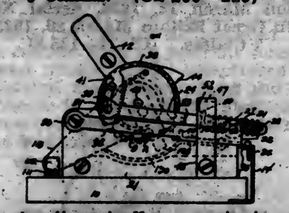
causing it to unite with said bodies and form a durable bond.

2,106,579
MANUFACTURE OF FORMAMIDE
Walter Barr Tanner, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application March 30, 1936, Serial No. 71,727
19 Claims. (Cl. 260—124)



1. A process for manufacturing formamide comprising reacting an alkyl formate with anhydrous ammonia in a liquid reaction medium comprising a mixture of formamide and an aliphatic alcohol at a pressure not substantially greater than one atmosphere.

2,106,580
CIRCUIT BREAKER
Alfred J. Thomson, Detroit, Mich., assignor to Bulldog Electric Products Company, Detroit, Mich., a corporation of West Virginia
Original application March 6, 1933, Serial No. 659,714. Divided and this application January 9, 1936, Serial No. 58,428
9 Claims. (Cl. 200—116)



1. In a circuit controller, a contact, quick acting circuit opening and closing mechanism positively connected thereto and so constructed as to have a normal tendency to move the contact and thus open the circuit when permitted so to do, holding means for the mechanism and arranged to release it on overload and permit it to operate for circuit opening, a handle for operating the mechanism for circuit opening or closing even when the mechanism is held by the holding means, and rigid but releasable means normally

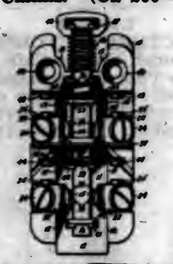
positively connecting the handle and the mechanism and automatically released by overload release movement of the holding means for disconnecting the handle and the mechanism, whereby the mechanism may operate the contact for circuit opening free of the handle and even if the latter be held, the holding means for the mechanism being separate and independent of the rigid but releasable means for connecting the mechanism and the handle and also being remote from such rigid and releasable means.

2,106,581

ELECTRIC SWITCH

Kenneth J. Unwin, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York

Application October 31, 1936, Serial No. 108,604
8 Claims. (Cl. 200—16)



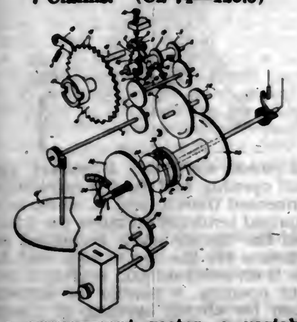
1. An electric switch comprising an insulating base having a longitudinal channel in one face thereof, spaced apart shoulders extending from said base on opposite sides of said channel, an operating member disposed in said channel and guided by the walls thereof for reciprocal movement, movable switch members carried by said operating member having contact portions extending outwardly from said channel between said spaced apart shoulders, and fixed switch members mounted on said shoulders having contact portions between said shoulders engageable with the contact portions of said movable switch members and having guide portions extending inwardly from said shoulders for slidably retaining said operating member in said channel.

2,106,582

PREPAYMENT METER FOR ELECTRICITY, GAS, AND LIKE COMMODITIES

George Wall, Manchester, England, assignor to General Electric Company, a corporation of New York

Application March 12, 1936, Serial No. 68,544
In Great Britain March 26, 1935
7 Claims. (Cl. 74—125.5)



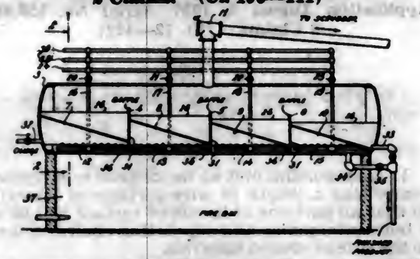
1. In a prepayment meter, a variable ratio mechanism for connecting the commodity side of a prepayment mechanism to a meter rotor, said variable ratio mechanism comprising a rotatable ratchet wheel, a rotatable member carrying a pawl adapted to engage said ratchet wheel, and a pair of means for alternately engaging said pawl with said ratchet wheel and disengaging the pawl from the ratchet wheel during each revolution of one of them.

2,106,583

APPARATUS FOR PRODUCING ASPHALT

Carroll C. Webb, Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York

Application April 17, 1936, Serial No. 74,841
2 Claims. (Cl. 196—111)



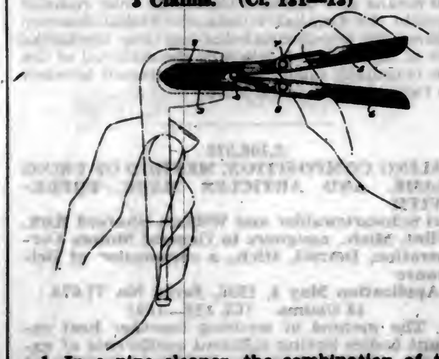
2. Apparatus for the production of asphalts by oxidation comprising a vessel, means for heating said vessel, in said vessel a series of liquid compartments, means in each compartment defining a confined vertical passage, means to admit a gaseous medium to each passage to entrain oil therein and lift oil therethrough, individual overflow means for catching oil from each of said passages, in which oil and gas may separate, a common vapor space communicating with all overflow means, means for removing vapors from said space, means whereby oil may pass from each overflow space to the next compartment, and is prevented from returning to that from which it was lifted, means to admit selected gaseous media to selected passages, a feed pipe discharging into the first liquid compartment, and an outlet pipe leading from the last overflow space.

2,106,584

PIPE CLEANER

Jasper Whiting, Boston, Mass.

Application March 24, 1936, Serial No. 70,560
3 Claims. (Cl. 131—13)



1. In a pipe cleaner, the combination of two jaws, each of said jaws consisting of one-piece

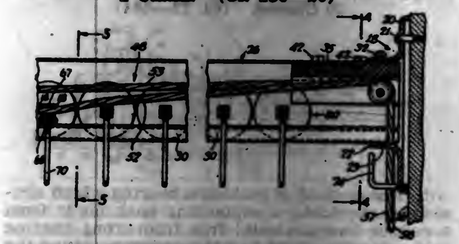
channel members, handles connected to said jaws for operating them, said handles being of channel section and the handles being pivoted to their respective jaws so that they may be swung into folded relationship to the jaws, said handles being of such dimensions as to receive and to substantially enclose said jaws when the parts are in their folded relationship, both said jaws and said handles being disposed substantially back to back when the device is in its open or unfolded condition, each of said jaws having intermediate their lengths parts projecting toward the other channel member and apertures between said parts, and a pin passing through said parts and lying substantially within the apertures.

2,106,585

SHOWER CURTAIN SUSPENSION DEVICE

George S. Woolstrom, New York, N. Y.

Application January 23, 1937, Serial No. 121,784
1 Claim. (Cl. 196—20)



A curtain suspension device comprising a pair of socketed brackets, an elongated casing having the ends thereof received within the socket portions of said brackets, said casing having a top wall, side walls and a bottom wall formed with a central longitudinal slot; a pair of pulleys at one end of the casing, a single pulley at the other end of the casing, a pull cord having portions passing over the pair of pulleys, portions extending from said first portions and passing through said casing, and a portion interconnecting the last named portions and passing around the single pulley, a pair of centrally located rollers each having an axle, each axle having a member formed with an opening through which a portion of the pull cord passes, a pair of hooks pivoted to said member for gripping said cord portion, a supporting hook on each roller adapted to engage a curtain, and a plurality of rollers disposed between each of said pair of rollers and the ends of the casing, said last mentioned rollers being disposed within the casing and each having a hook projecting through said longitudinal slot for engagement with said curtains, a hook on each bracket for engagement with a curtain, each of the rollers in said casing having a pair of wheels contacting the bottom wall of said casing and disposed on opposite sides of said slot.

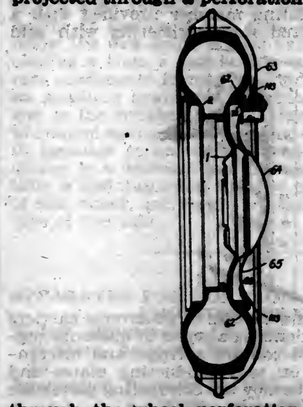
2,106,586

SPARE WHEEL AND TIRE COVER

Oscar U. Zerk, Chicago, Ill.

Application April 24, 1935, Serial No. 18,015
3 Claims. (Cl. 150—54)

1. The combination with an automotive vehicle wheel of the type having a perforation therein; and a spare tire thereof, of a sheet metal cover for the wheel and tire comprising a central wheel covering portion, a plurality of spacing elements secured to the inner face of the cover and engageable with circumferentially spaced portions of the wheel rim and spacing the cover axially from all parts of the wheel and tire, a rotatable securing element comprising a wedge-shaped head projected through a perforation in the cover and



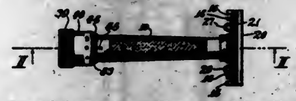
through the wheel perforation and adapted to rotate to wedgingly engage with the edge of the perforation in the wheel to yieldably draw the cover toward the wheel to press the spacing elements upon the rim.

2,106,587

SAFETY RAZOR

Harry H. Bates and William O. Bates, Jr., Joliet, Ill.

Application May 25, 1934, Serial No. 727,417
Renewed December 7, 1937
5 Claims. (Cl. 30—34)



1. In a safety razor, the combination with a transversely flexible blade having a longitudinal cutting edge, of a blade holder, a blade cap having a stem, means for positioning the blade between said blade holder and said cap, a handle having one end in threaded connection with said stem for adjusting the vertical distance between said blade cutting edge and said blade holder, calibrated measuring means rotatively mounted on the other end of said handle, a rod extending from said calibrated means axially through said handle, said rod having an external screw in operative contact with an internal screw in said handle, and tension means compressed between said calibrated measuring means and one end of said handle to effect sliding frictional resistance to rotative movement of said external screw relative to said internal screw.

2,106,588

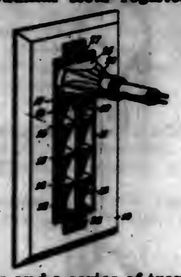
ELECTRIC RECEPTACLE

George B. Benander, Yalesville, Conn., assignor to Monowatt Electric Corporation, Bridgeport, Conn., a corporation of Connecticut

Application June 8, 1934, Serial No. 729,666
2 Claims. (Cl. 172—330)

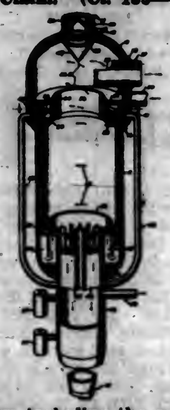
1. In a receptacle, a body member of insulating material having a pair of parallel longitudinal recesses in the top face thereof, a conducting plate mounted edgewise in each of said recesses and held thereby against lateral displacement, a

terminal member on each of said plates, a plurality of contact springs on each of said plates projecting above the same, a face plate secured to the top face of said body member including a rectangular insulating member provided with a pair of longitudinal slots registering with said



pair of recesses and a series of transverse barriers across said slots defining a series of openings registering with said contact springs, and interengaging portions on said conducting plates and said face plate whereby the conducting plates are clamped in said recesses.

2,106,589
BOILER DRUM
Trafford W. Bigger and Frank L. Hargrove, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
Application July 22, 1936, Serial No. 91,946
1 Claim. (Cl. 183—83)



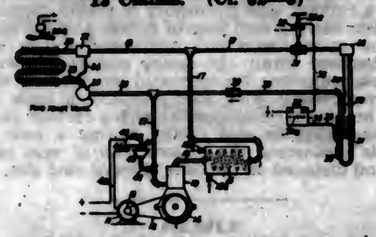
A boiler drum including the combination of a cylindrically shaped vertically disposed drum having an upper portion, an intermediate portion and a lower portion, the diameter of the intermediate portion being smaller than that of the upper but considerably larger than that of the lower portion, an annular chamber formed within and supported on the upper portion, conduit means for conducting heated liquid to the chamber, the chamber having a bottom with a ring of nozzles for discharging fluid into the intermediate portion and for causing the fluid to flow in a helical path along the surface of the intermediate portion whereby the liquid by the action of centrifugal force is forced outward forming a layer on the surface of the intermediate portion and causing the vapor to be forced radially inward, means including a vapor discharge conduit connected to the upper drum portion and a central opening formed by the annular chamber for conducting vapor from the intermediate portion through the upper portion to a consumer, means disposed in the lower end of the intermediate portion and including an extension of the lower portion projecting into the intermediate portion and a plurality of rows of blades for directing the liquid in a vertical path into the lower portion, and means for conducting liquid particles separated from the vapor in the upper portion into the lower portion comprising grooves formed between the chamber and the wall of the upper portion and conduits between the grooves and the lower portion.

2,106,590
BEARING AND METHOD
Alfred L. Boegehold, Detroit, and Alfred W. Schlichter, Dearborn, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application April 29, 1935, Serial No. 18,768
10 Claims. (Cl. 22—204)



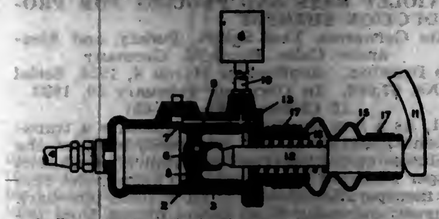
1. The method of making a bearing which consists in providing a supporting back made from a copper base material free from iron; heating said supporting back to a temperature around the temperature at which plastic bronze melts; supplying molten plastic bronze to said supporting back; applying a cooling liquid to said back to thereby cool the same and said liquid plastic bronze rapidly from a temperature above the freezing temperature of said plastic bronze to a temperature below said freezing temperature; and forming a finished bearing from said supporting back and plastic bronze.

2,106,591
REFRIGERATING SYSTEM
Harold F. Briggeman and Roger A. Fuller, Fort Wayne, Ind., assignors to General Electric Company, a corporation of New York
Application February 19, 1935, Serial No. 7,210
13 Claims. (Cl. 62—3)



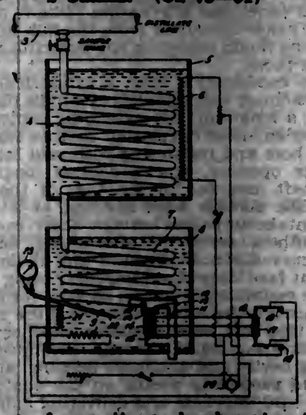
5. A refrigerating system having a plurality of refrigerant evaporators, each of said evaporators having a refrigerant outlet, means including a refrigerant liquefying unit for supplying liquid refrigerant to said evaporators, conduits connecting the outlets of said evaporators to said liquefying unit in parallel relationship, control means responsive to the refrigerant pressure prevailing at the outlet of one of said evaporators and including a valve at the outlet of said one of said evaporators for maintaining the temperature thereof within a predetermined range of relatively high temperatures, means including an expansion valve located at the inlet of another of said evaporators for throttling the flow of refrigerant therethrough, and a second control means shutting off the flow of refrigerant through said last mentioned evaporator and dependent upon the temperature produced by said last mentioned evaporator for maintaining the temperature thereof within a predetermined range of relatively low temperatures, said second control means being independent of said first named control means.

2,106,593
LIQUID PRESSURE MECHANISM
Burns Dick, Ferguson, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a corporation of Delaware
Application July 24, 1930, Serial No. 470,292
3 Claims. (Cl. 60—54.6)



1. In a hydraulic brake system, a master cylinder, a piston reciprocable therein, a plunger for actuating the piston, a swivel connection between the plunger and the piston, a flexible boot attached at one end to the plunger and enclosing the rear side of the piston, said boot being adapted to contain a fluid, and means for positively moving the plunger and piston in one direction to produce a fluid pressure in the cylinder, said means movable in the opposite direction independently of the retractile movement of the plunger and piston.

2,106,602
APPARATUS FOR DETERMINING THE DEW POINT OF A VAPOR PRODUCT
Robert F. Danielson, Mount Vernon, Ill., and Wendell P. Hawthorne, Augusta, Kans., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application May 5, 1936, Serial No. 77,942
2 Claims. (Cl. 73—61)



1. Means for continuously observing the dew point of a continuously flowing stream of vaporizable substance comprising means for continuously sampling said stream, means for converting said sample to a slightly superheated vapor, a tube through which said vapor flows, a heater to maintain said tube at a temperature below the dew point of said vapor, said tube including a trap, a pan in said trap, means to direct condensate formed in said tube on said pan, an auxiliary heater for said tube, means responsive to the weight of the condensate in said pan to control said auxiliary heater to add more heat in response to an increase and less heat in response to a decrease in condensate, whereby said tube is maintained at the dew point temperature of said vapor, and means to observe the temperature of the tube.

2,106,594
APPARATUS FOR CONTROLLING A WAVING CROSSING SIGNAL
Walter Dinnerville, Chicago, Ill., assignor to Western Railroad Supply Company, Chicago, Ill.
Application January 28, 1937, Serial No. 122,764
5 Claims. (Cl. 200—6)



1. As part of a control apparatus for a waving crossing signal, a mounting carrying in insulating relationship a pair of relatively fixed contacts, a laterally shiftable member positioned between said contacts and carrying contacts to cooperate with the relatively fixed contacts to control circuits through electro-magnets associated with said signal, a yieldingly mounted plunger carried in the end of said shiftable member and having a wearing end thereof extending beyond said member so as to be engaged by a cam surface on a part of a signal mechanism, a member carrying a contact behind said shiftable member, a spring member extending between the last mentioned member and the shiftable member and carrying a contact and having a bumper adapted to be engaged by another cam surface on a part of the signal mechanism to bring the last two mentioned contacts into engagement for the purpose described.

2,106,595
ELECTRICAL TERMINAL
Arthur M. Draving, Philadelphia, Pa., assignor to Hugh H. Eby, Inc., Philadelphia, Pa.
Application January 11, 1936, Serial No. 58,624
4 Claims. (Cl. 173—324)

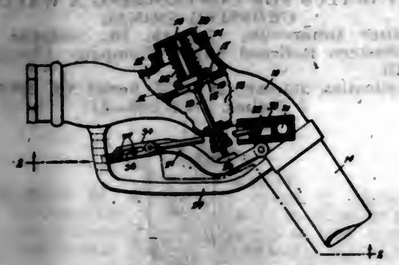
2. A terminal device of the type described constituted by a strip of metal having a pair of com-

plementary threaded depressions, each depression being separated from the end of the strip by an opening, said strip being folded midway thereof to place said depressions in complementary rela-



tion to constitute a screw-receiving socket and the end margins of said openings being bent at right angles to the socket to constitute a supporting collar.

2,106,596
DELIVERY NOZZLE
John Duff, Jr., New Bedford, Mass.
Application May 21, 1937, Serial No. 143,957
5 Claims. (Cl. 226—127)



1. Apparatus of the character described, including a casing, a spring-pressed valve in the casing normally closing the passage therethrough, a stem on the valve projecting outside of the casing, a manually movable pivoted lever adapted to engage the stem and open the valve when the lever is moved in one direction, a fixed member having a series of teeth thereon adapted to be engaged by the free end of the lever, a wedge having sliding engagement with the lever at its free end, a cylinder in open communication with the outlet end of the casing, a plunger in the cylinder, and a rod operatively connecting the plunger and the wedge so that when the plunger is caused to move by the pressure of the liquid in the cylinder the wedge will engage the fixed member to force the other end of the lever out of engagement with the teeth and allow said valve to close.

2,106,597
CATALYTIC MATERIAL AND PROCESS OF MAKING THE SAME
John S. Ferguson, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
No Drawing. Application May 6, 1936, Serial No. 78,197
6 Claims. (Cl. 23—212)

1. An active catalyst for chemical reactions consisting of a sized mass of hard, porous particles of a reduction product having disrupted grain boundaries, said mass being the resultant of compressing, under a pressure of at least about 500 pounds per square inch, a substance comprising finally divided metallic oxide having inherent (latent) catalytic activity, then heating the compressed substance in an oxidizing atmosphere to a temperature of at least about 500° C. but below substantial fusion of said substance, then crushing and sizing the heat-treated substance, and finally chemically reducing the sized substance.

2,106,598
CERAMIC COMPOSITIONS AND METHODS OF MAKING THE SAME
Albra H. Fessler, Flint, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
No Drawing. Application June 6, 1934, Serial No. 729,244
19 Claims. (Cl. 49—79)

1. The method of making a non-plastic ceramic composition consisting chiefly of mullite and cordierite which consists in preparing a mixture of alumina and silica in substantially the mullite ratio, together with magnesia, fusing the mixture and permitting it to cool slowly, so as to produce mullite and cordierite in a glassy matrix.

2,106,599
MATERIAL IMPERMEABLE TO ULTRA-VIOLET RAYS AND PROCESS FOR PRODUCTION THEREOF
Otto Gerngross, Yeni-Schiro, Turkey, and Alexander Calle, Bernhild, Germany
No Drawing. Application March 4, 1936, Serial No. 67,982. In Germany February 29, 1933
12 Claims. (Cl. 91—68)

1. As a new product of manufacture a translucent material of the cellulosehydrate or the cellulose derivative type for instance translucent paper rendered impermeable to ultra-violet rays by incorporation therein of an aqueous pine bark extract and being freed before drying from the coloring and tanning constituents of the same by thorough washing of pine bark extract therein.

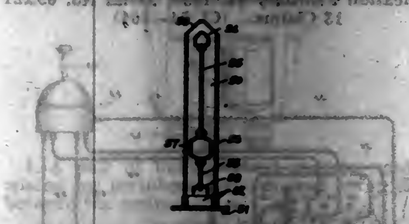
2,106,600
ROTARY PUMP
Edward W. Hepler, Springdale, Pa.
Application October 12, 1936, Serial No. 105,393
6 Claims. (Cl. 103—88)



1. An impeller wheel having a central hub and a series of annularly spaced curvingly disposed concaved vanes and alternating radially disposed flat face vanes extending from the hub providing alternating liquid engaging and centrifugally discharging faces.

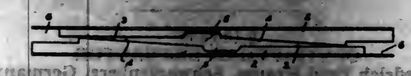
2. The combination with a cylindrical casing having endmost suction inlets, a middle discharge opening, a longitudinally extending central bore, annularly enlarged circulation cavities surrounding said bore and registering with said inlets and discharge opening, and a central longitudinal drive shaft mounted in the ends of the casing beyond the suction inlet cavities, of a pair of rotary intake impellers on the shaft each provided with a series of alternating annularly spaced curved concaved vanes and radially disposed flat face vanes, said impellers being aligned with the endmost circulation cavities for drawing liquid through the suction inlets and the endmost cavities into said bore, a rotary impeller on the shaft delivering liquid through the middle surrounding cavity and discharge opening, and helical liquid propelling means on the shaft rotating with said impellers and delivering liquid from the intake impellers to the discharge one thereof with a rotational velocity in the same direction as the rotation of said impeller and imparting uniformly increasing axial velocity to the liquid before entering the discharge impeller.

2,106,601
FENCE
Percy E. Hunter, Pittsburgh, Pa., L. T. Copeland and Fidelity Trust Company, administrators of said Percy E. Hunter, deceased, assignors to Hunter Steel Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application July 18, 1936, Serial No. 91,309
4 Claims. (Cl. 256—13.1)



1. A fence comprising posts, vertically spaced metal rails connected to the posts, the rails being formed of standard channels having their webs bent backwardly along longitudinally extending lines to bring their flanges into parallel planes, and pickets secured to said flanges.

2,106,602
METHOD OF MAKING FENCE POSTS
Percy E. Hunter, Pittsburgh, Pa.; L. T. Copeland and Fidelity Trust Company, administrators of said Percy E. Hunter, deceased, assignors to Hunter Steel Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application January 23, 1937, Serial No. 122,744
3 Claims. (Cl. 29—155)



1. The method of making posts and the like, which comprises dividing the web of an H-beam along longitudinally-extending lines, to form two T members which are substantially duplicates and each of which has the edge of the major part of its stem at one side of its longitudinal mid point approximately parallel to the head of the T and that portion of the stem at the other side of said point cut on a diagonal line, and then bending each of said members about a transverse axis such distance that the stem portions of each member are brought into abutting engagement.

2,106,603
AUTOMATIC VARIABLE SPEED GEAR
Emile Jacques, Paris, France
Application April 20, 1935, Serial No. 16,257
In France April 27, 1934
1 Claim. (Cl. 74—689)

Automatic change speed mechanism whose speed reduction ratio is a function of the resisting torque, comprising a driving shaft, a driven shaft, differential gear means with a high ratio of reduction including a small sun wheel fast on the driving shaft, an orbit wheel fast on the driven shaft and having a greater diameter than the said sun wheel, planet pinion means engaging said two wheels; a disc mounted idly on the driving shaft and including an internally toothed crown gear, pinions integral with the said planet pinion means and engaging said crown gear, the tooth ratio of said pinions and crown gear being



different from, but close to the tooth ratio of the planet pinion means and the orbit wheel, and a slippable clutch operative between said disc and the orbit wheel, said clutch being adapted to transmit when slipping a torque equal to the maximum torque applied to the driven shaft.

2,106,604
RESISTOR
Claude A. Jagger, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application March 12, 1936, Serial No. 68,412
2 Claims. (Cl. 201—67)



1. A resistor comprising an insulating member, a resistance conductor wound around said member and provided with a flexible connection lead, having a portion extending outwardly from said member, a tubular member surrounding said portion of the lead having an annular flange adjacent said member and an enamel coating on the insulation member, the conductor and the tubular member.

2,106,605
DISTURBANCE RESPONSIVE SWITCH
Frederick B. Johnson and Irvin Jacobson, Kansas City, Mo.
Application November 3, 1934, Serial No. 752,406
7 Claims. (Cl. 200—52)



1. In a device of the character described, a housing, a pair of facing disk-like contacts having substantially flat contact faces for controlling an electrical circuit, a pivotally mounted support in the housing for carrying one of the contacts with the contact face normally arranged in a horizontal plane, means for pivotally supporting the other contact on said pivotally mounted support with its contact face in a horizontal plane in normally spaced relation and in axial registry with the first named contact, and means for engaging one of the contact supports to selectively

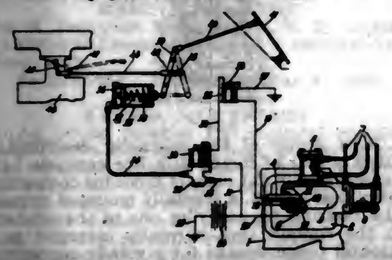
prevent movement of said supports, said contacts being movable in peripheral contacting relation with each other responsive to vibratory movement of said supports.

2,106,606
SAFETY DEVICE AND VALVE THEREFOR
Seuren Kazanjian, Woodside, Long Island, N. Y.
Application May 21, 1936, Serial No. 80,969
2 Claims. (Cl. 251—138)



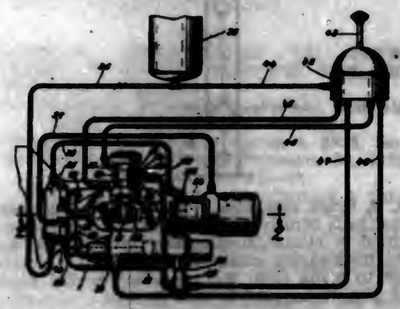
1. In a device of the class described feelers, each comprising a pair of telescopic members arranged with the inner one projecting from one end, means for fixedly mounting the outer of said members, resilient means urging said inner member outwards so as to be depressed when it strikes something, a valve piston on said inner member and controlling a supply of compressed air or the like to operate an auxiliary device, and a dash pot means for delaying said valve piston in returning to its original position when it is depressed, comprising a one way valve through which air or fluid may be forced, several needle control bypasses adjusted to various capacities arranged to permit the return of the air or fluid, and a means for rendering all of said bypasses inoperative except one.

2,106,607
THROTTLE AND TRANSMISSION INTERLOCK
Oliver K. Kelley, Pontiac, Mich., assignor, by mesne assignments, to Yellow Truck and Coach Manufacturing Company, Pontiac, Mich., a corporation of Maine
Application August 22, 1935, Serial No. 37,325
5 Claims. (Cl. 74—472)



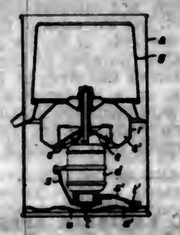
1. The combination with engine throttle actuating linkage having a lost motion connection and selective speed gear setting mechanism, of a fluid pressure actuated device controlling the action of said lost motion connection, an electrically actuated valve controlling fluid pressure supply to said device, and means associated with the selective speed gear setting mechanism controlling the flow of electric current in the circuit containing said electrically actuated valve in accordance with predetermined settings of said mechanism.

2,106,608
POWER SHIFT TRANSMISSION
Oliver K. Kelley, Pontiac, Mich., assignor, by mesne assignments, to Yellow Truck and Coach Manufacturing Company, Pontiac, Mich., a corporation of Maine
Application February 24, 1936, Serial No. 65,221
13 Claims. (Cl. 74—364)



1. In a power shift transmission of the character described, a series of shift rails, means selectively engageable with the rails to shift the same, a pair of pressure responsive devices associated with the selector means to operate the same, a source of fluid pressure, means communicating one of said devices with the pressure source and means controlled by a predetermined response of the last mentioned device to communicate the other device in series relation therewith.

2,106,609
CENTRIFUGAL EXTRACTOR
Friedrich Emil Krauss, Schwarzenberg, Germany
Application April 26, 1934, Serial No. 722,495
In Germany April 28, 1933
2 Claims. (Cl. 210—71)



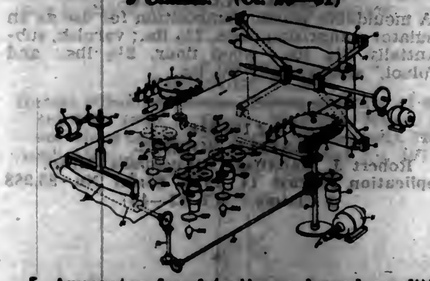
2. A centrifugal extractor comprising, in combination, a housing, a motor therein, means for resiliently supporting the motor in said housing, a prolonged shaft to the motor, a fan mounted on said shaft, a basket in said housing, a bearing carried by the basket fitting on and freely rotatable on said prolonged motor shaft, fans carried by the basket, a cowl housing the basket fans, said basket fans being concentric to the motor fan to drive the basket differentially in relation to the motor.

2,106,610
BUFFING SECTION UNIT AND ASSEMBLY
Lester W. Krallick and Herbert R. Taylor, Fremont, Ohio, assignors to The Yerges Manufacturing Company, Fremont, Ohio, a corporation of Ohio
Application May 2, 1937, Serial No. 140,439
7 Claims. (Cl. 51—193)



1. A pair of buffing wheel sections medially spaced for peripheral venting, and a fan device between the sections.

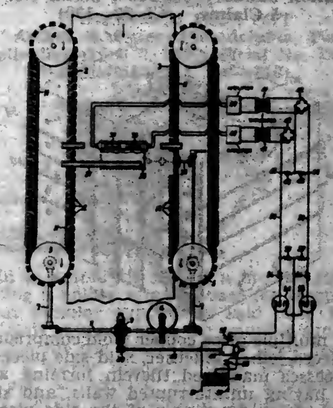
2,106,611
APPARATUS FOR CORRECTING SKEW AND BOW IN WOVEN MATERIAL
Cramer W. La Pierre, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application July 24, 1936, Serial No. 92,416
9 Claims. (Cl. 26—51)



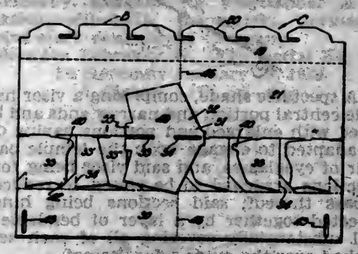
5. Apparatus for detecting a bowed condition of the weft members of a strip of woven material comprising a plurality of photoelectric devices, means for directing a narrow light beam through said material on each of said devices, means engaging the edges of said strip for moving the same longitudinally, means for moving each of the light beams transversely of the strip whereby the beams are intercepted by the weft members of the material, the lines of movement of the beams on the material being spaced apart laterally of and similarly inclined to the edge of the strip and apparatus responsive to the difference in frequency of output of said devices for moving forward the central portion of the strip faster than the edges thereof.

2,106,612
STRAIGHTENER FOR WOVEN MATERIAL
Cramer W. La Pierre and Francis B. Manger, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
Application August 6, 1935, Serial No. 34,933
12 Claims. (Cl. 26—93)

1. In apparatus of the character described, the combination of means for supporting material having warp and weft members normally at right angles to each other, a source of light arranged to illuminate a portion of said material, a plurality of photoelectric devices arranged each to receive a beam of light from said source controlled by one of said members, means for moving said beams over said material in opposed oblique directions to said warp members and a device responsive to a difference in frequency of impulses from said devices.

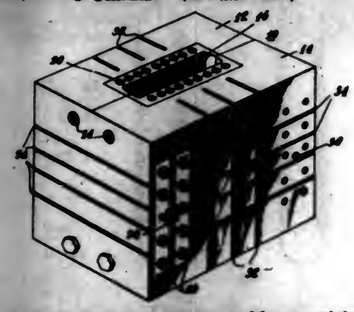


2,106,613
FOLDING EGG CARTON
David Levkoff, New York, N. Y.
Application January 20, 1936, Serial No. 59,867
5 Claims. (Cl. 229—29)



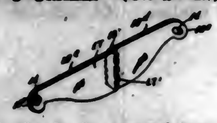
1. A collapsible egg carton comprising a single rectangular blank of cardboard cut, folded and set up to provide a carton having a front wall, a rear wall, a bottom wall, a central longitudinal partition, a cover, and spaced cross partitions hinged to said front and rear walls adjacent the top thereof; said blank of cardboard being weakened on a line midway of and for the length thereof, the weakened line extending on a plane between the two spaced central cross partitions to enable breaking of the carton into two separate carton units along the weakened line, one of the central cross partitions constituting an end wall for one of the carton units, a connecting bridge piece between the front and rear walls at the adjacent end of the other carton unit, a separate supplementary cardboard cross partition, and means on the severed end of the other last mentioned carton unit for securing said supplementary cross partition in position against said bridge piece for closing said end.

2,166,614
METAL MOLD
Karl A. Lindner, Baltimore, Md., assignor to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey
Application January 30, 1936, Serial No. 61,449
5 Claims. (Cl. 22—139)



1. A multiple piece copper mold comprising two side pieces joined together, said side pieces having recesses machined therein forming a mold cavity having uninterrupted walls, and slots in the outside surfaces only of the side pieces extending to a substantial depth therein to form expansion spaces for the relief of distortional strains produced in the metal incident to casting operations.

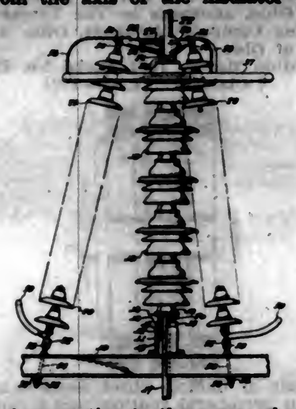
2,166,615
SPECTACLE EYESHADE
Edward D. Maurer, New York, N. Y.
Application April 6, 1936, Serial No. 72,913
5 Claims. (Cl. 2—12)



1. A spectacle shade, comprising a visor having a wide central portion and narrow ends and being formed with enlarged end portions having openings adapted to engage upon the temple bars of a pair of eyeglasses, and said visor being formed of sections arranged to be closed to reduce the compass thereof, said sections being hingedly connected together by a layer of bendable material substantially covering all of each section attached over the outer sides thereof.

2,166,616
SWITCH AND BUS INSULATOR STACK
Robert L. McCoy, Baltimore, Md., assignor to Locke Insulator Corporation, a corporation of Maryland
Application November 6, 1935, Serial No. 48,590
6 Claims. (Cl. 173—318)

6. An insulator assembly comprising a base, a socketed bearing member mounted on the base, an insulator rockably mounted on said bearing member, a yoke carried by the upper end of the insulator having a plurality of circumferentially spaced radially extending arms, a plurality of insulator members arranged in a circumferential series about the insulator, fittings at the upper ends of said insulator members pivotally connected with the yoke arms and fittings at the lower ends of said insulator members pivotally connected to said base, said insulator members extending at an acute angle to the insulator and having their points of connection to the base farther from the axis of the insulator than the



points of connection to the arms, whereby they serve to hold said insulator under compression and from sidewise movement on its support.

2,166,617
INSULATING COMPOSITION
Eberhard F. Mess, Milwaukee, Wis.
No Drawing. Application May 20, 1936, Serial No. 80,791
1 Claim. (Cl. 106—18)

A mouldable plastic composition for use as an insulator comprising rosin, 7½ lbs.; varnish, substantially 2¼ lbs.; wood flour, 2½ lbs.; and "Toluol," substantially 2¼ lbs.

2,166,618
CASTING BOBBER
Robert J. Mehaffey, Minneapolis, Minn.
Application August 14, 1936, Serial No. 95,988
3 Claims. (Cl. 43—49)



1. A fishing bobber comprising a body constructed of buoyant material having a longitudinal line receiving slit extending from its periphery inwardly for some distance, and a pair of guide eyes, one at each end of said body and each comprising a piece of wire having a pair of widely spaced prongs extending longitudinally and anchored in said body, the portion of said wire between said prongs being bent into a

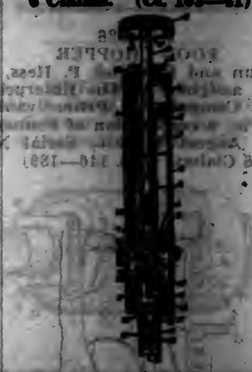
figure 8 shape with one loop of said figure 8 disposed in alignment with the inner end wall of said slit portion and with the other loop of said figure 8 defined by over-lapping curved portions which form an entrance for the insertion of a line into said first mentioned loop portion.

2,166,619
WASHING APPARATUS
Wilbur L. Merrill, Scotia, N. Y., assignor to General Electric Company, a corporation of New York
Application May 1, 1935, Serial No. 19,290
8 Claims. (Cl. 141—9)



1. Washing apparatus comprising a cabinet provided with a front opening therein, washing apparatus within said cabinet comprising a vat, a supporting shaft within said cabinet, means mounting said vat on said shaft for swinging movement to and from said cabinet through said opening, and a door for said front opening secured to said vat and supported solely thereby so that when said vat is moved into said cabinet said door is moved to close said front opening.

2,166,620
PRESSURE PUMP
Harold Nilson, Wayzata, Minn., assignor of one-third to John A. Hadley, Wayzata, Minn., and one-third to Emil Berglund, Minneapolis, Minn.
Application October 24, 1934, Serial No. 749,631
6 Claims. (Cl. 103—41)



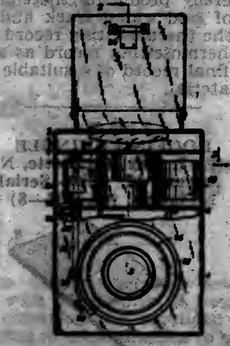
1. In an apparatus of the class described, a casing having a reservoir and a valve chamber provided with an outlet adapted to be connected to a device to be operated, a valve normally closing the outlet, a disk valve floatingly supported in the valve chamber and normally closing a fluid passage between the valve chamber and the reservoir, a cylinder having a piston operable therein for forcing the fluid from the reservoir through the valve chamber and outlet to the device, and said valves being so related to one another and to the piston, that when the latter is moved to a predetermined position in one direction, said valves are opened to allow the fluid to return to the reservoir from the device.

2,166,621
UNDERFEED FIRE POT
Arthur E. Paige, Philadelphia, Pa.
Application April 8, 1927, Serial No. 183,664
3 Claims. (Cl. 126—146)



3. In an automatic stoker, a fire pot structure including a hollow annular base for reception of air; an annular support in said base for the lower ends of grate bars; an annular support in said base for the upper ends of grate bars and having a larger diameter than said first support; and an annular grate of upwardly outwardly flaring configuration including a circular series of sectoral grate bars having circumferentially overlapping edges forming air passages between said bars, all extending tangentially in the same direction with respect to the circular configuration of the grate; whereby, air supplied to the interior of said base escapes through the grate to the interior thereof in vertical, vertical streams.

2,166,622
PHOTOGRAPHIC CAMERA
Karl Fritschow and Hans Deglmann, Brunswick, Germany, assignors to Voigtländer & Sohn Aktiengesellschaft, Brunswick, Germany, a joint-stock company of Germany
Application February 15, 1936, Serial No. 64,321
In Germany January 19, 1935
7 Claims. (Cl. 95—44)



1. A photographic camera, comprising a casing having an exposure chamber and a camera lens, a finder chamber, a finder within said finder chamber adapted to produce an image of the subject to be photographed circumscribed so as to correspond to the image produced by the said camera lens on the sensitized surface and comprising an inclined mirror adapted to reflect the rays impinging thereon in the direction of the line of sight into a direction perpendicular thereto, two reflecting systems adapted to direct

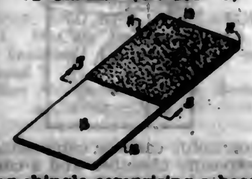
spaced pencils of rays emanating from complementary parts of the subject to be photographed one beside the other on said inclined mirror, said systems comprising a pair of mirrors disposed one at either side of said finder chamber and inclined forwardly and outwardly and in position for being impinged upon by said complementary pencils of rays emanating from the subject to be photographed and reflecting the same inwardly, a pair of mirrors in front of said first named inclined mirror disposed angularly of each other and of the line of sight and in position for reflecting the complementary pencils of rays reflected by said mirrors disposed at the sides of said finder chamber towards said first named mirror, means to adjust one of said reflecting systems in accordance with the distance of said subject to be photographed and so that the said complementary pencils of rays are combined on the said first named mirror into a correct image of the said complementary parts of the subject to be photographed, and means to adjust said camera lens for focusing.

2,106,622
PROCESS FOR MAKING PHONOGRAPHIC RECORDS
Barton A. Procter, Larchmont, and Ferdinand C. W. Thiede, Hempstead, N. Y., assignors to R. A. Procter Company, Inc., New York, N. Y., a corporation of New York
Application March 22, 1934, Serial No. 716,916
5 Claims. (Cl. 18—48.3)



1. The method of making phonographic records which consists in inscribing a sound track upon a planiform blank having a hard, smooth, tough, impression-retaining surface and capable of withstanding heat and pressure of the order employed in the molding of thermosetting materials, using said inscribed blank as a matrix and molding directly against the inscribed surface thereof, an intermediate negative record of thermosetting material thereby producing thereon a negative impression of said sound track and then after the cure of the thermosetting record is complete, using said thermosetting record as a matrix for obtaining a final record of a suitable impression-retaining material.

2,106,624
ROOFING SHINGLE
George I. Ray, Charlotte, N. C.
Application August 17, 1936, Serial No. 96,503
1 Claim. (Cl. 108—8)



A roofing shingle comprising a base member, a sheet of metal covering the upper side and the side edges and the bottom edge of said member and extending beneath the member, a second member disposed on and covering the lower side of said base member and a third member secured to and covering the upper portion of said base member and projecting in overlapping relation above the upper end of the sheet of metal.

2,106,625
BALL DRIVING DEVICE
Horace A. Bedge, White Plains, N. Y.
Application August 5, 1936, Serial No. 94,334
5 Claims. (Cl. 272—120)



1. A ball-driving device comprising a tubular standard having a base member at its lower end and provided intermediate its ends with a slot extending through an outer wall thereof, a driving-head having an upwardly projecting arm provided with an inwardly bent portion extending through the slot in said standard, a guide-block slidably mounted within said tubular standard and engaging the inwardly bent portion of the driving-head arm, an operating handle slidable in the upper end of said tubular standard and connected at its lower end to the inwardly bent portion of the driving-head arm, and a compression spring disposed within said tubular standard and between said base member and guide-block and normally adapted to raise said operating handle and retract said driving-head, and upon the manual downward movement of the operating handle to compress said spring and outwardly project said driving-head from said standard to drive the ball.

2,106,626
FOOD CHOPPER
Sylvan Braun and Frederick P. Hess, Philadelphia, Pa., assignors to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa., a corporation of Pennsylvania
Application August 1, 1936, Serial No. 93,906
6 Claims. (Cl. 146—139)



5. In a device of the character described including a barrel portion having its inner wall flaring outwardly adjacent the discharge end and terminating in a cylindrical portion of larger diameter, a peripherally slotted perforated die plate arranged for removable insertion in the larger diameter cylindrical portion of the barrel,

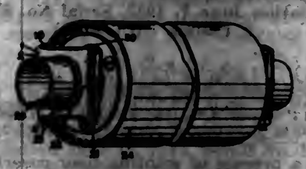
said barrel having an axial groove formed in the end face of said larger diameter cylindrical portion and extending in the outer surface of the barrel inwardly beyond the larger cylindrical portion, and a key member arranged for insertion in said groove to substantially fill the same, said groove extending entirely through the said larger cylindrical portion and being of such depth in its other portion that the bottom of the groove intersects the inner wall of the barrel in the outwardly flaring portion thereof inwardly of the larger cylindrical portion so that a substantial part of the length and depth of said key projects into said larger cylindrical portion for engagement with the slot in said perforated die plate to prevent rotation of the latter with respect to the barrel.

2,106,627
SPRAYING DEVICE
John H. Brennan, Minneapolis, Minn.
Application August 18, 1937, Serial No. 159,636
5 Claims. (Cl. 299—86)



1. In a fluid pressure spraying apparatus, a chamber provided with a fluid inlet and outlet vents to the surrounding atmosphere, a plurality of ducts passing through said chamber and forming circumferential openings in said vents, and means for supplying a liquid to be sprayed to said ducts.

2,106,628
MUFFLER CLAMP
John J. Cooper, Baltimore, Ohio
Application February 27, 1937, Serial No. 128,154
4 Claims. (Cl. 285—188)



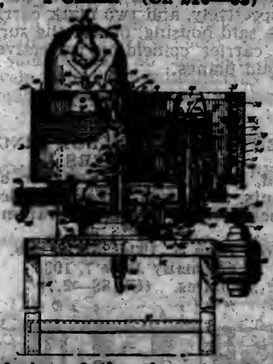
1. In a muffler pipe clamp for connecting the muffler to a pipe through which exhaust gases are conducted, a pair of clamping members having concave semi-circular inwardly protruding edge parts and end portions that extend tangentially to the semi-circular edge parts, and means for engaging end portions of the clamping members to clamp the members about the pipe and sleeve of the muffler and centrally for the clamping members to force the overlapping protruding tangential end edge portions of the protruding parts against the outer of the clamped parts.

2,106,629
MERCHANDISING PACKAGE
Walter E. Cox, Chicago, Ill.
Application September 1, 1936, Serial No. 98,974
5 Claims. (Cl. 221—75)



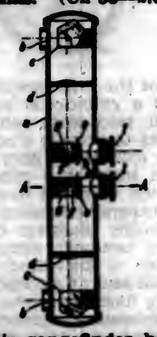
1. A device of the type described comprising a base part and a cylindrical part rotatably related therewith, said parts being so constructed and arranged as to provide a container for plastic material, a cylindrical liner including a bottom positioned inside the cylindrical part and fixedly connected with the base part, said liner including an integral extension having a length equal to the inside diameter of the liner, said extension being bendable along a line coinciding with the axis of the cylindrical part, to provide a fixed wall and an extruding element, said fixed wall being fixedly connected with said bottom, and an operating connection between the extruding element and said cylindrical part for actuating the extruding element upon rotation of the base part or the cylindrical part relatively to the other, the latter being provided with an outlet opening.

2,106,630
METHOD OF AND APPARATUS FOR REMOVING FOREIGN MATTER FROM LIQUIDS
Charles Deering and Henry Deering, Chicago, Ill.
Application September 22, 1934, Serial No. 745,057
1 Claim. (Cl. 210—63)



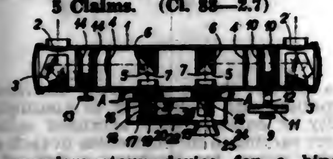
In a device of the character described, the combination with a plurality of housings, of a plurality of concentrically arranged cylindrical strainers varying in mesh fineness in each of said housings, means for directing a flow of liquid along a predetermined path, means for mounting said strainer housings for successive displacement in said path of liquid flow, indexing means for successively maintaining said strainer housings in said path of liquid flow, means for rotating the strainer housing in said path to more effectively pass the liquid therethrough, said housings having corrugated interior wall surfaces, and cooling coils mounted in said housing walls and adjacent said corrugated surfaces.

2,106,631
STEREOSCOPIC RANGE FINDER HAVING STATIONARY MEASURING MARKS
Otto Eppenstein, Jena, Germany, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application September 30, 1936, Serial No. 103,307
In Germany October 5, 1935
3 Claims. (Cl. 88—2.6)



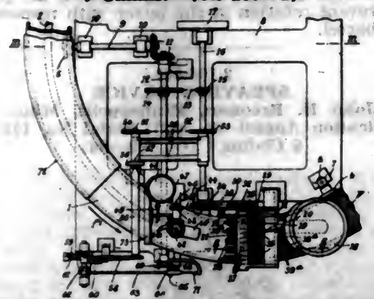
1. A stereoscopic rangefinder having a housing, this housing being provided with two stationary objectives and two eye-pieces displaceable in the directions of their optical axes, two reflecting systems for displacing the pencils of imaging rays of the said objectives parallel to themselves, stationary measuring marks disposed in the said housing and lying in planes containing those of the images produced by the said objectives which correspond to objects whose distances from the rangefinder correspond to the apparent distances of stereoscopic marks due to combination in pairs of the said measuring marks, these measuring marks lying in two planes inclined to the focal planes of the two objectives, respectively, and two mark carriers disposed in the said housing, one of the surfaces of each mark carrier coinciding respectively with these last said planes.

2,106,632
SUPPLEMENTARY DEVICE FOR BINOCULAR RANGE FINDERS
Otto Freund, Jena, Germany, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y., a corporation of New York
Application June 5, 1936, Serial No. 83,693
In Germany June 7, 1935
5 Claims. (Cl. 88—2.7)



1. A supplementary device for a binocular rangefinder having a device for removing errors of height, the said supplementary device comprising a housing, this housing having two apertures in one side and a third aperture in the opposite side, the distance apart of the two first said apertures corresponding to the interocular distance of the two eye-pieces of the said rangefinder, optical means for lateral deflection of at least the light rays entering through the one of the two first said apertures, optical means for combining the two pencils of light rays entering through the two first said apertures, optical means for altitudinal deflection of at least the light rays entering through the one of the two first said apertures, and mechanical means for displacing the last said optical means, the said optical means being disposed in the said housing.

2,106,633
MACHINE FOR THE MANUFACTURE OF BISCUITS
Marius Ernest Giredin, Quimper, France
Application February 26, 1937, Serial No. 127,844
In France March 6, 1936
7 Claims. (Cl. 107—1)



2. A machine for the manufacture of biscuits of the type described comprising a movable heating surface, a first series of spaced nozzles adapted to deliver paste upon said heating surface so as to form a first series of spaced parallel continuous strips of paste, a second series of spaced nozzles located at a distance behind said first series of nozzles in the direction of travel of said heating surface and adapted to deliver paste so as to form a second series of spaced parallel continuous strips of paste between the strips of said first series of strips, said second series of strips forming by union with said first series of strips a continuous film of paste, means adapted to helically wind said film of paste after baking so as to form a tube and means adapted to cut up said tube into sections.

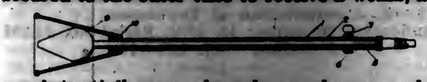
2,106,634
PRINTING OF FIBROUS MATERIALS BY IMPREGNATION
Melvin R. Greiner, Cincinnati, Ohio, assignors to Carthage Mills Incorporated, Carthage, Ohio, a corporation of Ohio
Application June 7, 1933, Serial No. 674,723
2 Claims. (Cl. 8—5)



1. In a process of printing floor covering materials having a deep fibrous body, by impregnation, the steps of treating a fibrous web at one station with a mordant liquid to the extent of wetting said web generally, moving said web to another station and treating said web while wet with said mordant, with a selective color application without mordant.

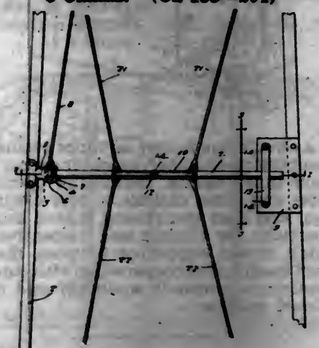
2,106,635
VETERINARIAN'S INSTRUMENT
Perry J. Harder, Newalla, Okla.
Application August 14, 1936, Serial No. 96,167
1 Claim. (Cl. 128—239)
A surgical instrument comprising an outer tube,

an inner tube adjustably mounted in the outer tube, means for connecting the inner tube to a liquid supply, a substantially conical-shaped cup secured to the outer tube to receive a womb, and



a substantially pear-shaped spreader secured to the inner tube and located in and movable outwardly of the cup to enter and spread the womb, said spreader having a passage therethrough communicating with the inner tube.

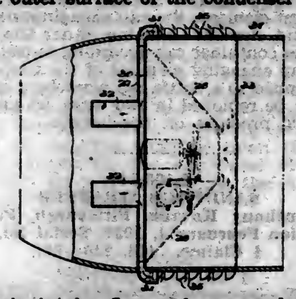
2,106,636
BRAKE OPERATING MECHANISM
Clark J. Harlow, Deer Park, Ohio
Application June 4, 1937, Serial No. 146,516
3 Claims. (Cl. 188—204)



1. A brake operating mechanism for vehicles comprising a transverse shaft having one end pivotally and rockably connected to one side of a vehicle, a plate on the other side of said vehicle, the other end portion of the shaft resting on said plate, spring pressed rods slidably mounted in said plate, a bar mounted on said rods and engaged with said other end portion of the shaft for yieldingly securing same against the plate, means connected to the pivoted end of the shaft for rocking said shaft, members pivotally mounted on opposite sides of the shaft at an intermediate point, flexible members adapted to connect one of the first named members to the front brakes of the vehicle, and flexible members adapted to connect the other of said first named members to the rear brakes of the vehicle.

2,106,637
TRUCK REFRIGERATOR
Walter E. Hauser, Rochester, N. Y.
Application June 17, 1937, Serial No. 148,778
2 Claims. (Cl. 62—117)

2. In combination with a vehicle of the closed body type, the body of which is provided with an air intake and an air outlet and has means for forcibly directing air into said inlet and from said outlet during normal running of the vehicle, a mechanical refrigerating unit within said body comprising a refrigerant compressor, a condenser and means for pulling air through the condenser from its outer to its inner side, a casing in which said unit is housed having communication at one side with the air outlet, and means forming an air flue within the vehicle leading from the air intake to the opposite side of said casing, the said condenser being set into the wall of the casing at its last-mentioned or intake side, with the outer surface of the condenser exposed



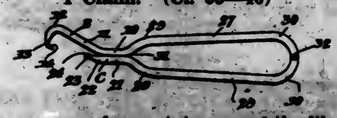
to the air intake flue and arranged to form through the condenser the sole air inlet into the space within the casing.

2,106,638
VALVE STEM
Robert E. Hillier, Akron, Ohio, assignor to The F. H. Watson Company, Jonesboro, Ark., a corporation of Delaware
Application April 30, 1932, Serial No. 608,503
12 Claims. (Cl. 152—12)



8. A valve stem comprising a rubber body portion provided with a through passage constricted near the tip of the stem to provide a downwardly faced shoulder, a valve element normally seated against said shoulder to close said passage, and a relatively rigid band substantially surrounding said shoulder to resist distention thereof.

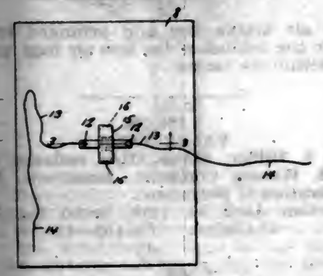
2,106,639
CAP REMOVER FOR CONTAINERS AND THE LIKE
George Brockley Jenkinson, Prescott, Ontario, Canada
Application February 24, 1936, Serial No. 65,505
1 Claim. (Cl. 65—46)



A cap remover for containers and the like comprising a pair of bar-like elements abutting one another, each having a shank connecting with a handle, one of said elements being formed with a cap engaging member at one end of the shank, said cap engaging member having a portion projecting at an incline to the plane of the shank, a second portion bent substantially at right angles to the first portion and a third portion bent substantially at right angles to the second portion so as to extend substantially parallel with the first portion, said third portion being of lip-like character to engage the edge or top of a container cap, the second element having a cap engaging

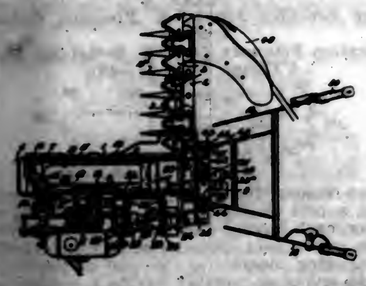
member in the form of a projecting lip in alignment with the shank and terminating intermediate the length of the cap engaging member of the first element, the cap engaging member of the second element engaging either the edge or top of the container cap according to the position of the cap engaging member of the first element when applied to a bottle cap whereby a container cap may be removed in two ways, by upward or downward pressure on the handle.

2,106,640
SANDWICH WRAPPER
Anthony Kovalik, Pittsburgh, Pa.
Application February 4, 1937, Serial No. 124,116
4 Claims. (Cl. 229—87)



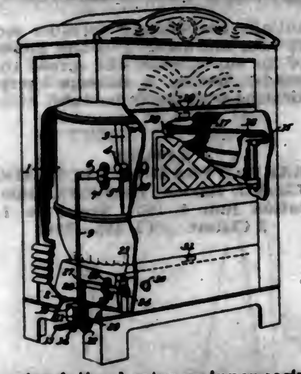
1. As a component part of a lunch packaging assembly of the class described, a tying device comprising a length of rubber, reinforcing metal cleats attached to the opposite ends thereof, said cleats being apertured, and a pair of cords knotted at their inner ends and passing through the apertured cleats, the free ends of the cords being adapted to be tied together in the manner and for the purposes described.

2,106,641
MOWING MACHINE
George Alexander Leitch, Birmingham, England, assignor to Charles H. Pugh Limited, Birmingham, England, a company of Great Britain
Application March 3, 1937, Serial No. 129,675
In Great Britain August 24, 1936
16 Claims. (Cl. 56—25)



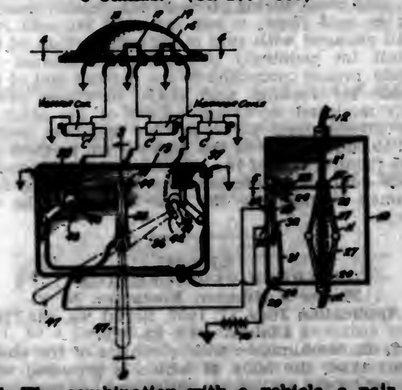
1. A mowing or grass-cutting machine comprising a frame supported during the cutting operation by two wheels, namely, by a main or front ground wheel and by a smaller second ground wheel disposed behind the said main or front ground wheel, a power unit mounted upon the frame, and a reciprocating cutter or knife-bar driven by the said power unit.

2,106,642
CIRCULATING HEATER
George D. Matthews, Chattanooga, Tenn., assignor to Tennessee Stove Works, Chattanooga, Tenn., a corporation of Tennessee
Application December 12, 1935, Serial No. 54,291
3 Claims. (Cl. 126—67)



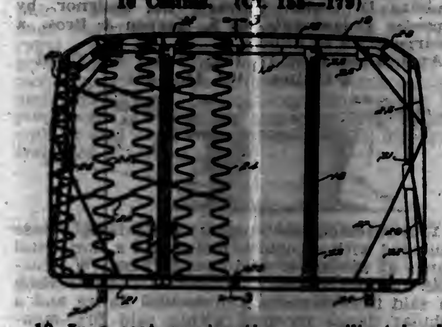
1. In a circulating heater an inner casing forming a combustion chamber, an outer casing spaced from said inner casing, registering openings in said inner and outer casings, a door closing said openings, said door comprising spaced inner and outer portions for closing said respective openings, latch means supported between the inner and outer casing, and cooperating with said inner door portion to normally maintain said door in tight closed position.

2,106,643
SIGNAL DEVICE
George Mellen, Diamond Head, and Leslie A. Hicks, Honolulu, Territory of Hawaii
Application June 4, 1936, Serial No. 83,558
3 Claims. (Cl. 177—339)



1. The combination with a vehicle, a pair of electrically operable direction indicating signals mounted thereon in locations visible to pedestrians and drivers of other vehicles, a control panel for said signals including a pair of contacts electrically connected, one to each signal, a source of electrical energy, a circuit maker and breaker connected to said source, a switch lever pivoted on said panel to swing into contact with either of said contacts and electrically connected to said circuit maker and breaker, means for locking said switch lever in contact with either of said contacts when the lever is in contacting position therewith, means operably connected to the vehicle and movable in accordance with the speed of the vehicle to close the circuit from said source through said circuit maker and breaker and said switch lever and the signal having its control contact in contact with said lever, said circuit maker and breaker closing either signal circuit between predetermined upper and lower limits of vehicle speed only, and means operable by the circuit closing means to release said locking means when the speed of the vehicle rises beyond said upper limit to a predetermined higher speed.

2,106,644
FRAME AND SEAT
Clarence H. Monge, Detroit, Mich., assignor to The Murray Corporation of America, a corporation of Delaware
Application May 27, 1935, Serial No. 23,587
10 Claims. (Cl. 155—179)



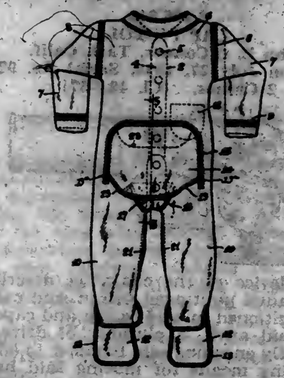
10. In a seat construction, a resilient border frame including front and rear border frame elements each having a groove therein, resilient frame members having their ends secured in said grooves and extending between the ends of said border frame elements to form a complete resilient border frame and resilient sinuous arcuately disposed spring elements extending across said border frame and having their ends locked in the grooves in said border frame members.

2,106,645
FERTILIZER DISTRIBUTOR
Walter A. Moorhead, Sandy Springs, S. C.
Application June 18, 1937, Serial No. 147,956
4 Claims. (Cl. 275—3)



1. A fertilizer distributor comprising a beam, a hopper mounted upon the beam and having an outlet opening in its bottom, an end thrust bearing mounted upon the beam, a spout passing through the end thrust bearing and arranged beneath the hopper and having its upper end receiving the fertilizer from the hopper, a horizontal bevel-gear mounted upon the spout above the end thrust bearing, a vertical bevel-gear mounted upon the beam and engaging the horizontal bevel-gear, a wheel for supporting the beam, a horizontal shaft extending through the hopper, an agitator mounted upon the shaft, gearing connecting the horizontal shaft and wheel, and gearing connecting the horizontal shaft and vertical bevel-gear.

2,106,646
CHILD'S GARMENT
William Murphey, Chattanooga, Tenn.
Application June 10, 1936, Serial No. 84,543
1 Claim. (Cl. 2—33)



A garment of the type described having a cut out portion adjacent the waist in the rear of the garment, and a back flap body having its upper edge secured to the garment above said opening, said back flap body having its side edges secured to the side portions of the body of the garment, and having a tapered extension depending freely toward the crotch, a triangular flap having a convex base, the said convex base being stitched to the bottom edge of the aforesaid tapered extension so as to provide considerable extra fullness in the lower portion of the back flap body, said triangular flap extending around the crotch of the garment and having its apex adjustably fastened to the front of the garment, whereby the length of the body of the garment may be adjusted as the wearer increases in height.

2,106,647
PROCESS FOR THE MANUFACTURE OF INSULATOR HEADS
Gustav C. Neck, Nassjoe, Sweden
Application March 13, 1936, Serial No. 68,537
In Sweden May 10, 1935
1 Claim. (Cl. 207—10)

A process for the manufacture of a malleable cup-shaped member having a dome like hollow top projection by forging a heated blank of malleable material over a mandrel by means of a die, consisting in compressing the edge portions of the blank between said die and the root of said mandrel to prevent the material from flowing outwardly, and forcing the surplus of material of the blank upwardly beyond the end of the mandrel, where it is subjected radially as well as

axially to external pressure only, without counteracting internal forces, thus forming a cup-shaped projection opening into the cavity of the main body of the cup-shaped member and provided with walls and bottom of greater thickness than the initial thickness of the blank as well as of the main body of the cup-shaped member.



2,106,648
CAP PISTOL
John L. O'Connor, Taft, Calif.
Application July 27, 1936, Serial No. 92,908
2 Claims. (Cl. 42—57)



1. In a device of the character described, a casing, an anvil positioned within said casing, a hammer positioned in said casing and capable of engaging said anvil, a plurality of driven lugs intermittently engaging said hammer to effect its action, spring means for moving said hammer against said anvil, a guide having one end adjacent said anvil and having a channel formed therethrough, said guide supporting a percussion tape spanning said channel, a plurality of pins rotatably mounted above said channel and capable of successively piercing said tape, and means for rotating said pins to advance said tape when said hammer is reciprocated.

2,106,649
MEASURING DEVICE
Charles J. Officer, Jr., Tillamook, Oreg.
Application February 15, 1937, Serial No. 125,917
8 Claims. (Cl. 221—110)



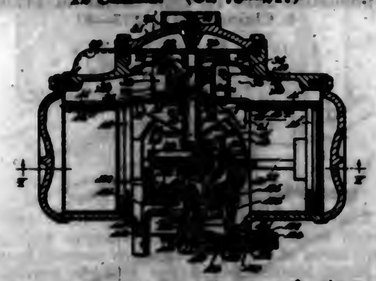
1. In a measuring device, a structure providing a liquid measuring chamber and a liquid discharge spout leading from and communicating with the outer end of the latter, the inner end of said chamber being open, said structure including means to provide an intake valve seat at the inner end of the chamber and an outlet valve seat at the outer end of the chamber, intake and outlet valves arranged in said chamber for engaging said seats, an inwardly and outwardly slidable spring controlled valve stem disposed within said structure and passing through and extended from said spout, said stem extending through and having a sliding fit with said valves, a spring carried by the stem and interposed between and normally tending to urge said valves towards their seats and for maintaining the valves in spaced relation, and said spout being formed with an air port adjacent the point of the passage of the stem through the spout.

2,106,650
REVOLVING SEAT
Thomas D. Owler, Chicago, Ill., assignor, by mesne assignments, to S. Karpen & Bros., a corporation of Illinois
Application June 17, 1935, Serial No. 27,091
2 Claims. (Cl. 155—96)



1. A revolving seat-support comprising a base equipped with a tubular flange and a horizontal flange at the top of said tubular flange, a rotatable member having a horizontal flange resting on said first-mentioned horizontal flange and a tubular flange received within said first-mentioned tubular flange, and seat-supporting arms having their inner ends turned downwardly, said arms being secured both to the top side of the horizontal flange and to the inside of the tubular flange of said rotatable member.

2,106,651
PISTON METER
Walter H. Parker, Pittsburgh, and Nelson J. Seibert, Wilkinsburg, Pa., assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application April 9, 1934, Serial No. 719,788
12 Claims. (Cl. 73—247)



1. In a fluid meter, a valve cage having a cylindrical valve seat therein and connecting bars joining the upper and lower flanges thereof, a hub centrally supported by spokes integral with said lower flange, a spider removably secured to the upper flange of said cage, a crank shaft rotatably journalled in said hub and spider, a collar pinned to said shaft to limit downward movement thereof, a valve seated in said cage, a longitudinal pin in said collar and fitting into a recess in said valve for driving the same.

2,106,652
LOAD INDICATOR DEVICE
Martin I. Pinson, Phoenix, Ariz., assignor of one-half to Ray A. Pinson, Charlotte, Mich.
Application June 2, 1937, Serial No. 146,127
3 Claims. (Cl. 265—40)



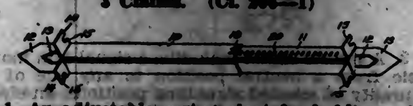
1. A load indicator for vehicles including a pair of arms pivotally connected adjacent their ends, one of said arms being bifurcated and carrying a suitable scale on a bifurcation beyond its pivot point, the other of said arms, which is mounted between the bifurcations, being continuous and having a pointer extending beyond its pivot point, and bearing means on the opposite ends of said arms for attaching to the axle and frame of a vehicle.

2,106,653
TRUING TOOL FOR WATCH BALANCE WHEELS
Walter Pedgurski, Philadelphia, Pa.
Application September 3, 1936, Serial No. 99,224
6 Claims. (Cl. 33—203)



1. In a balance wheel truing tool comprising two jaws adjustable toward and away from each other and provided with bearings for the ends of a wheel staff; a slotted bar, slidably mounted for movement independently of and across said jaws, a screw adjustment to minutely control said movement, clamping means to fixedly hold said bar in an adjusted position, a slide adapted for movement within the slot in said bar, a feeler adjustably mounted within said slide and adapted for movement at right angles to said slot, and means to fixedly hold the slide and the bar in place after adjustment in both directions.

2,106,654
ADJUSTABLE CARTON CLEAT
Alfred L. Poe, Jacksonville, Fla.
Application February 8, 1937, Serial No. 124,902
3 Claims. (Cl. 206—1)



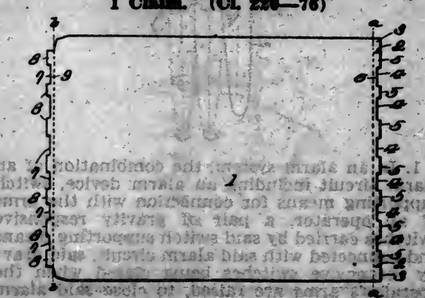
1. An adjustable carton cleat for holding articles in pasteboard cartons when being shipped, comprising members connected together for endwise adjustment and adapted to be placed upon the articles to confine the same against the bottom of the carton, two-part barbs on the outer ends of the members adapted to be punched through the sides of the carton and bent in opposite directions upon the outer faces of the sides of the carton, wings integral with the barbs and adapted to engage the inner faces of the sides of the carton to rigidly anchor the clamp in place, and means on the wings through which a lacing cord may be passed to confine said articles against dislodgment.

2,106,655
TARGET
John A. Pollard, Edmonton, Alberta, Canada
Application March 30, 1936, Serial No. 71,720
3 Claims. (Cl. 273—105.4)



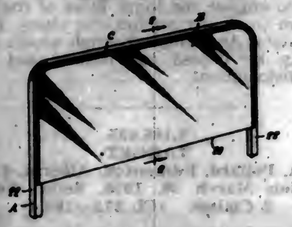
1. A flying target comprising a body including a substantially dome-shaped portion, an annular flange depending therefrom, a ring loosely surrounding the flange, means for detachably securing the ring with respect to the flange to allow separation thereof, and ratchet teeth providing shot receiving surfaces on the dome-shaped portion and the ring respectively, the shot receiving surfaces of the ring being disposed in an opposed direction from those of the dome-shaped portion whereby certain hits on the said surfaces will cause separation of the ring and body.

2,106,656
SIDE SEAM FOR METAL CAN BODIES
William F. Punte, Syracuse, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York
Application August 12, 1935, Serial No. 35,864
1 Claim. (Cl. 220—76)



A metal can body having its edges joined by a side seam including interengaging folded hook portions which are spaced from each other lengthwise of the seam and abutted hook portions between the interengaging portions, the portions of the can body in the region of the abutted folded hook portions being bumped so as to contact with the folded hook portions and a solder bond uniting the contacting portion throughout the entire limits of the side seam.

2,106,657
METALLIC BED
Solomon Radunz, Brooklyn, N. Y.
Application December 7, 1936, Serial No. 114,599
9 Claims. (Cl. 5—280)



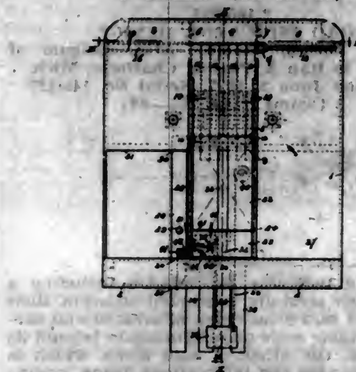
1. A metallic bed end construction capable of withstanding substantial changes in temperatures without creation of stress and having sound-deadening properties, comprising an inverted U-shaped unsplit tubular frame, a sheet metal panel covering said U and extending between the legs and base thereof and devoid of rigid connection to said frame, and a holder for the panel attached to said tubular frame, said holder consisting of a folded metal strip having a flattened U-cross section and spot welded at one side to said tubular frame and said panel being inserted into said fold and being clamped between said folds.

2,106,658
ALARM SYSTEM
Alexander J. Rakos, Chicago, Ill.
Application June 11, 1936, Serial No. 84,756
2 Claims. (Cl. 177—314)



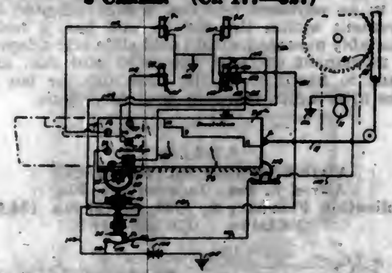
1. In an alarm system, the combination of an alarm circuit including an alarm device, switch supporting means for connection with the arms of an operator, a pair of gravity responsive switches carried by said switch supporting means and connected with said alarm circuit, said gravity responsive switches being closed when the operator's arms are raised, to close said alarm circuit, and a pair of pressure operated switches carried by said switch supporting means between the operator's body and arms, to be closed when the operator's arms are pressed against the body for closing the alarm circuit in the open position of the gravity responsive switches, the pressure responsive switch on one arm being connected in series with the gravity responsive switch on the other arm so that the alarm circuit will be closed when either arm is raised and the other arm pressed against the operator's body.

2,106,659
PHOTOGRAPHIC APPARATUS
Pierre Joseph Rentmeesters, Brussels, Belgium
Application November 21, 1935, Serial No. 50,256
In France December 31, 1934
9 Claims. (Cl. 88—16)



1. In a photographic apparatus for taking on one photographic plate a series of photographic views arranged in rows, in combination with a frame, a row of cameras arranged side by side in the same horizontal line, a series of shutters, each shutter comprising a single strip pierced by an aperture and provided on its upper part with a flange bent at right angles, a cross member on which the photographic plate rests, and means cooperating with said cross member to shift the latter and the photographic plate by one row of photographs after each impression of the plate on one row, a ledge provided with a widened part to support the shutters under the flanges at their upper part in their set position; and means to withdraw the said widened part to cause the successive release of the shutters and to return to position under the said flanges after the raising of the shutters.

2,106,660
DIRECTION SIGNAL FOR AUTOMOBILES
William Rees, San Diego, Calif., assignor of one-third to Bernard F. J. Sterten, San Diego, Calif.
Application June 6, 1935, Serial No. 25,237
3 Claims. (Cl. 177—337)



3. A vehicle signal including a signal arm movable from a neutral position to any one of a plurality of selected signalling positions, an electric motor having a field winding, means operatively connecting the motor to the arm to shift the latter, a plurality of manually operable switches connected each by conductors in a normally open circuit with the motor and adapted to close the circuit through the motor and a source of current, each switch when closed operating the motor to shift the arm to a predetermined signalling position, means for automatically breaking the circuit through the motor and the actuated switch when the arm has reached its predetermined position, a manually operable switch electrically connected to the motor and the source of current and when operated closing a circuit in a reverse direction through the motor to return it to its initial position, means for automatically breaking the last named circuit through the motor when the arm has reached its initial neutral position, an electric lamp carried by the arm, and means for automatically closing a circuit through the lamp and the source of current when the motor has ceased to rotate and the arm has reached its selected predetermined signalling position and automatically breaking said last named circuit immediately that the motor begins to operate and to return the arm to its initial position.

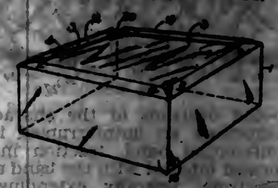
2,106,661
MOTOR FUEL COMPOSITION
Will R. Savage, Omaha, Nebr., assignor of one-half to Harry S. Hass, Chicago, Ill.
No Drawing. Original application July 31, 1934, Serial No. 737,357. Divided and this application May 3, 1937, Serial No. 140,503
2 Claims. (Cl. 44—9)

1. A motor fuel composition composed of gasoline and approximately less than one per cent of a mixture consisting of acetone and naphthalene combined in substantially the proportions of eight parts of acetone and one part of naphthalene.

2,106,662
MOTOR FUEL COMPOSITION
Will R. Savage, Omaha, Nebr., assignor of one-half to Harry S. Hass, Chicago, Ill.
No Drawing. Original application July 31, 1934, Serial No. 737,357. Divided and this application May 3, 1937, Serial No. 140,507
2 Claims. (Cl. 44—9)

1. A motor fuel composition composed of gasoline and approximately less than one per cent of a mixture consisting of acetone and alcohol combined in substantially the proportions of one part of alcohol and one part of acetone.

2,106,663
BOX
Alfred A. Schlegel, Akron, Ohio, assignor to The Jaite Company, Jaite, Ohio, a corporation of Ohio
Application October 1, 1935, Serial No. 43,092
2 Claims. (Cl. 206—44)



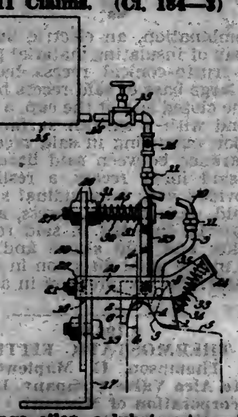
2. A box comprising a body portion having side walls, a top member extending across the top of the body portion beyond the side walls, and a securing member comprising a rectangular open ended frame fitting over the upper end of the body portion and forcing the edges of the top member down against the side walls of the body portion and tightly holding the same, and an inwardly and upwardly extending resilient collar member formed on said securing member.

2,106,664
BATHING ACCESSORY
Harry Shoglow, Cambridge, Mass., assignor to Patent Products Corp., Boston, Mass., a corporation of Massachusetts
Application September 14, 1936, Serial No. 100,737
9 Claims. (Cl. 135—1)



5. A bathing accessory comprising a tubular body, open at the top, said top opening being of sufficient width to admit a human body and means for contracting the top opening.

2,106,665
FLANGE OILER
John G. Skinner, Anaconda, Mont.
Application June 22, 1936, Serial No. 86,645
11 Claims. (Cl. 184—3)



1. In a flange oiler, a lubricant-applying element and means for mounting said element with respect to the flange of a wheel, said mounting means including a bracket appropriately supported adjacent the wheel, an arm supported by said bracket and arranged for vertical adjustment with respect to said wheel, a suspension member carried by said arm and movable with respect thereto, said suspension member carrying said lubricant-applying element, and means associated with said bracket and including resilient means cooperating with said lubricant-ap-

plying element for normally maintaining the latter in cooperative relation to the wheel flange, said mounting means serving to support said lubricant-applying element in such manner that said element may accommodate itself within predetermined limits to axial, radial and circumferential movements of said wheel.

2,106,666
ELECTRIC SWITCH
Edwin Stewart, Philadelphia, Pa.
Application September 17, 1937, Serial No. 164,469
10 Claims. (Cl. 200—48)



1. In an electric switch, a support, an arm rotatably mounted on said support, a pair of spaced links pivotally attached to said arm, a switch blade pivotally attached to said links so as to rock said links on said arm during longitudinal movement of the blade, the blade being rotatable about a pivot of one of said links, and another link pivotally connected to said support and to said blade.

2,106,667
MOUNTING OF ELECTRIC INSULATORS
Leon Thiry, Huy, Belgium
Application November 8, 1934, Serial No. 751,983
In Germany December 2, 1933
2 Claims. (Cl. 173—321)



1. In combination, an electric insulator comprising a cap of insulating material provided with an inner frusto-conical recess having smooth walls, the large base of said recess being directed towards the closed end of the cap, a bracket having one end with a smooth surface of circular cross section extending in said recess and leaving a clearance between said bracket and said walls of said inner recess, a resilient metallic sleeve provided with longitudinal slots arranged against said walls of said recess, and a ring of elastic material inserted in said recess between said bracket and said sleeve and considerably elongated in the axial direction in compensation for a considerable compression in a radial direction.

2,106,668
THERMOSTATIC FITTING
Parke H. Thompson, II, Maplewood, Mo., assignor to Alco Valve Company, Inc., St. Louis, Mo., a corporation of Missouri
Application November 21, 1935, Serial No. 50,921
7 Claims. (Cl. 297—3)



2. Thermostatic fitting comprising a conduit, a thermostatic bulb in said conduit, a hollow post supporting said bulb in spaced relation to said conduit, the material of said post being of minimum cross sectional area to throttle the exchange of heat through its metallic mass, and auxiliary supporting means comprising spacing pieces of thermally non-conductive material surrounding said post and engaging said bulb and conduit.

2,106,669
NUT LOCK
Stuart B. Thornton, Oakland, Calif.
Application May 7, 1935, Serial No. 20,235
3 Claims. (Cl. 151—2)



1. In combination with a screw threaded bolt having a longitudinally extending groove of V-shaped formation, a nut for cooperating therewith, said nut having closely related and annularly arranged resilient fingers formed integrally with one end thereof and converging in the direction of the bore of the nut having their free ends within the area of the said bore of the nut for a distance at least equalling the depth of the threads of the nut and adapted to be flexed by the nut being threaded onto the bolt so that one after another of said fingers may ride into and out of the groove during the rotation of the nut on the bolt and adapted to secure the nut against accidental rotation on the bolt in either direction by any one of said fingers engaging in the groove.

2,106,670
ANTISKID OVERSHOE
Thomas M. Walker, Auburn, N. Y.
Substitute of application Serial No. 27,256, June 18, 1935. This application October 11, 1937, Serial No. 168,523
1 Claim. (Cl. 152—16)



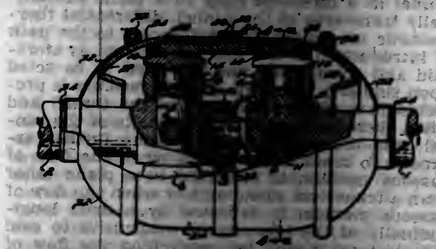
An anti-skid overshoe of the character described, comprising an uninterrupted imperforate circumferential band, traction increasing elements formed integral with the band and projecting therefrom, laterally extending straps integral with the band on opposite sides thereof and arranged in staggered relation, a traction increasing element rising from the band at the inner end of each strap to reinforce the latter, a continuous band of a diameter smaller than the circumferential band connecting the lateral straps on one side of the circumferential band, strap sections connecting the other lateral straps, strap tighteners for certain strap sections and separable fasteners for connecting the remaining strap sections.

2,106,671
VALVE STEM AND CHECK VALVE THEREFOR
Frank H. Watson, Jonesboro, Ark.
Application August 18, 1932, Serial No. 628,953
31 Claims. (Cl. 152—12)



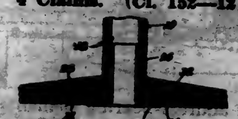
4. A valve stem comprising an integral elongated rubber body provided with a base flap for attachment to an inner tube, said body and flap being traversed by a passage which extends longitudinally of said body, said passage being constricted adjacent its end remote from said flap to provide an integral annular shoulder of the body material faced toward said flap, and a movable valve body cooperating with said shoulder to seal said passage, said stem being of such flexibility in its portion between said constriction and flap as to permit it to bend and withdraw through a rim opening in use without being torn from the tube.

2,106,672
UNIVERSAL JOINT MECHANISM
Hans Wellner, Detroit, Mich., assignor to Universal Products Co., Inc., a corporation of Delaware
Application May 15, 1935, Serial No. 21,516
12 Claims. (Cl. 64—21)



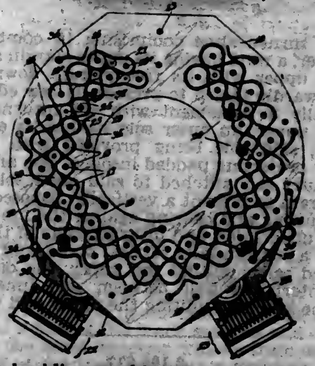
13. Universal joint mechanism comprising, in combination, a longitudinally extending housing; first and second shaft sections angularly displaceable relative to said housing and having their inner ends interconnected and received within said housing; said housing having a first pair of longitudinal interior raceway portions formed adjacent one end thereof and a second pair of longitudinal interior raceway portions formed adjacent the other end thereof; a driver for each shaft section extending transversely thereof with its ends slidably received in the raceway portions of the associated pair and cooperable therewith to transmit axial rotative force between said housing and said shaft sections; and means connecting said shaft sections to said housing so as to retain said shaft sections within said housing.

2,106,673
TIRE AND VALVE STEM
Lewis C. Broecker, Bridgeport, Conn., assignor to Bridgeport Brass Company, Bridgeport, Conn., a corporation of Connecticut
Application April 27, 1932, Serial No. 608,814
Renewed May 11, 1937
4 Claims. (Cl. 152—12)



1. The new article of manufacture which comprises a rubber tire tube and a valve stem with the base of the valve stem integrated with the rubber tire tube between the wall thereof and a tire-patch and with an outwardly flanged bushing also integrated with the rubber tube with its flange at the inner face of the tube wall and with the bushing projecting through the inflation hole of the rubber tube snugly into the bore of the valve stem.

2,106,674
METHOD AND APPARATUS FOR PRODUCING BRAID
Conrad J. Basch, Wyomissing, Pa., assignor to The Narrow Fabric Company, West Reading, Pa., a corporation of Pennsylvania
Application May 23, 1936, Serial No. 81,356
19 Claims. (Cl. 66—8)



1. In a braiding machine, the combination with a plurality of carriers and a pair of communicating raceways providing definite limits of travel for said carriers, of means for reversing selected carriers at a point spaced from one limit of travel as the unselected carriers traverse to said one limit of travel.

2,106,675
REPEAT PRINTING ATTACHMENT FOR ADDRESSING MACHINES
Harmon P. Elliott, Watertown, Mass., assignor to The Elliott Addressing Machine Company, a corporation of Massachusetts
Application March 29, 1937, Serial No. 133,494
5 Claims. (Cl. 101—48)

1. In an addressing machine comprising a printing zone, a magazine for holding a vertical stack of thin, rectangular address-bearing elements, guides which extend from the bottom of said magazine to said printing zone through which said address-bearing elements may be suc-

cessively fed, and a reciprocating member for pushing the element in normal position at the bottom of such stack at any one time along said guides into the printing zone, manually controllable means located wholly outside of the path of said reciprocating member for holding all of



said stack of address-bearing elements except the bottom one temporarily suspended while said bottom one is being slid out from under said remaining portion of the stack; whereby the feeding of successive printing elements to said printing zone may be suspended though all of the machine parts continue in normal operation.

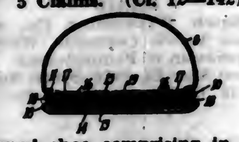
2,106,676

SHOE AND METHOD OF MAKING THE SAME

James A. Green, Dolgeville, N. Y., assignor to Daniel Green Company, Dolgeville, N. Y., a corporation of Massachusetts

Application March 4, 1937, Serial No. 128,901

5 Claims. (Cl. 12—142)



1. A turned shoe comprising in combination an upper, a rand having its upper margin stitched to the upper with its free margin downwardly and inwardly folded to present its raw edge substantially in alinement with the inturned edge of the upper, an outer sole having its edge inturned, said sole being provided with an upwardly projecting padded insole of less area than said outer sole stitched to said outer sole inside its margin to present a vertically disposed shoulder abutting and bearing against the inner edges of the upper, welt and inturned edge of the outer sole in a substantially vertical plane, and a single stitched seam uniting the upper, the outer sole and interposed welt between said inner edges and the stitching uniting the upper and welt.

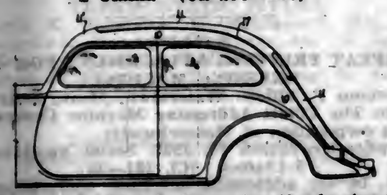
2,106,677

VEHICLE BODY CONSTRUCTION

Joseph Ledwinka, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania

Application January 31, 1935, Serial No. 4,256

1 Claim. (Cl. 296—137)



In a metal vehicle body construction having two side panel stampings including the side quarters of the roof and of the rearwardly and downwardly inclined rear wall, and a central unitary sheet metal stamping extending transversely the greater portion of the roof and from adjacent the windshield rearwardly over the relatively flat portion of the roof and sweeping downwardly at the rear through a downwardly and rearwardly inclined portion to the rear, the improvement comprising a final assembly joint between said stampings wherein said stampings are formed in their margins with downwardly offset portions adapted to overlap and spot welded together in said overlap to form an outwardly facing channel, a metallic weather sealing material filling said channel flush with the face of the stampings whereby the joint becomes invisible after painting, one of said stampings being further inwardly extended beyond said overlap to provide an inward continuous extension of angular cross section, whereby the joint serves as a longitudinally arched stiffening beam extending continuously from adjacent the windshield through the roof and rear walls.

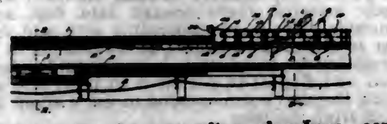
2,106,678

DRIFT CONTROLLING APPARATUS FOR GLASSWARE ANNEALING LEHRS

Donald G. Merrill, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a corporation of Delaware

Application March 2, 1937, Serial No. 128,640

7 Claims. (Cl. 49—47)



1. Apparatus for annealing glassware, comprising an elongate tunnel, means for conveying glassware therethrough, drift controlling means associated therewith including means for projecting a gaseous medium into the tunnel at a temperature substantially different from the tunnel atmosphere at the point at which such means project the gaseous medium thereinto, said gaseous medium being projected into the tunnel in a direction lying in a plane substantially transverse of the tunnel, differential thermostatic means positioned adjacent to the path of introduction of the gaseous medium as aforesaid and constructed and arranged to be acted upon similarly when the gaseous medium is projected in a plane transverse of the tunnel and when there is no drift longitudinally of the tunnel, said thermostatic means being further arranged to react differentially when the flow of gaseous medium is projected in a plane other than a transverse plane and/or when the flow of gaseous medium is deflected by a drift longitudinally of the lehr, means responsive to said thermostatic means for controlling the flow of tunnel atmosphere longitudinally of the lehr, and means for adjustably varying the angle of introduction of the gaseous medium longitudinally of the lehr to establish a desired condition of drift or flow of gaseous medium longitudinally of the lehr.

2,106,679

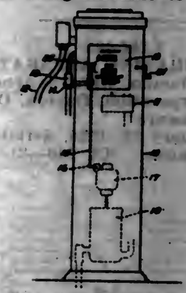
GASOLINE DISPENSER

Charles Pfeuthner, Buffalo, N. Y., assignor to Martin & Schwartz, Inc., Buffalo, N. Y.

Application June 26, 1936, Serial No. 87,293

6 Claims. (Cl. 221—95)

1. In a dispenser having a motor driven pump, a meter driven register provided with a set-back mechanism, and a control lever for the pump movable from inoperative to an operative position, the combination of a lock member connected to said lever, a latch adapted to lock said member and accompanying lever in said inoperative position, a dog on said member for retaining said latch out of locking engagement therewith, said member being movable to release said dog



from said latch when said lever is moved to an operative position, and being engaged by the released latch when restored to its initial position, and means operated by said set-back mechanism for moving said latch out of engagement with said member and into engagement with said dog.

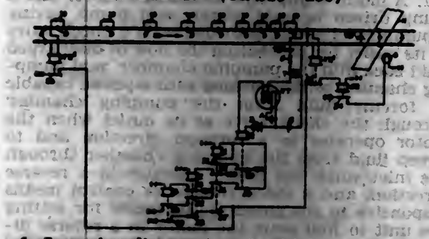
2,106,680

HIGHWAY CROSSING SIGNALING SYSTEM

Wade H. Reichard, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application April 17, 1936, Serial No. 74,924

12 Claims. (Cl. 246—130)



1. In a signaling system for highway crossings on railroads, a track section traversed by trains approaching the highway crossing, means increasing the electrical resistance of the track section at points lineally spaced by distances decreasing from the entrance to the exit of the track section, a source of energy connected across the rails at the exit end of the track section, detecting means responsive to changes in current supplied by the source of energy to the track section as caused by a train passing said points of increased resistance in the track section, and means for initiating, and continuing, the operation of a highway crossing signal in accordance with the frequency of response of the detecting means.

2,106,681

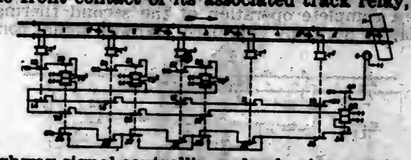
HIGHWAY CROSSING SIGNALING SYSTEM

Stuart J. Mackay, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application February 26, 1936, Serial No. 66,232

7 Claims. (Cl. 246—130)

1. In a signaling system for highway crossings on railroads, a plurality of track circuit sections each having a normally energized track relay in the portion of the railroad traversed by trains approaching the highway, a slow releasing timing means associated with each track section, a pick up circuit for all the timing means including series front contacts of all the track relays, a stick circuit for each timing means including the front contact of its associated track relay, a



highway signal controlling relay having a pick up circuit including series front contacts of all the track relays and series front contacts of all the timing means, and a stick circuit for the signal controlling relay including series front contacts of the track relays with a back contact of each timing means in multiple with the front contact of the next forward track relay.

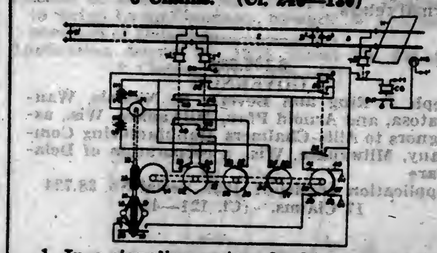
2,106,682

HIGHWAY CROSSING SIGNALING SYSTEM

Oscar S. Field and Joseph E. Willing, Rochester, N. Y., assignors to General Railway Signal Company, Rochester, N. Y.

Application February 29, 1936, Serial No. 66,422

6 Claims. (Cl. 246—130)



1. In a signaling system for highway crossings on railroads, in combination, a portion of railway track intersected by a highway and divided into track sections traversed successively by trains approaching the highway, a time measuring device having a normal starting position, means operating the device in one direction while a train traverses a first of the track sections and operating it in the other direction while a train occupies a second of the track sections, a highway signal, means energizing the signal upon occupancy of the second track section unless otherwise prevented, circuit means for the signal so governed by the device upon movement in said one direction beyond a given point as to prevent energization of the signal and so governed by the device upon movement in the other direction beyond the given point as to energize the signal, and circuit means so controlled by the device upon moving in the other direction to a point beyond the normal starting position as to deenergize the signal.

2,106,683

HIGHWAY CROSSING SIGNALING SYSTEM

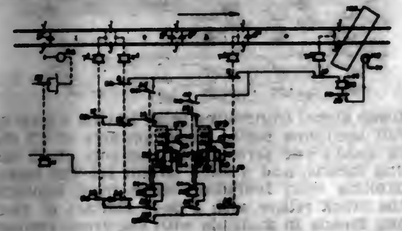
Joseph E. Willing, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application February 28, 1936, Serial No. 66,233

6 Claims. (Cl. 246—130)

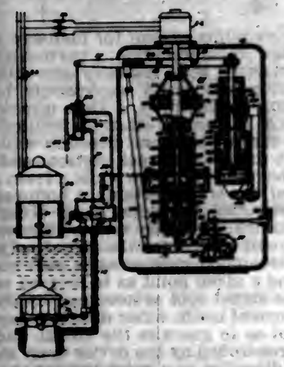
4. In a signaling system for highway crossings on railroads, a plurality of track sections occupied successively by a train approaching the

highway, a first thermal relay set into operation when a train enters the first of the track sections, a first stick relay energized by a complete operation of the first thermal relay, a second thermal relay set into operation when the first stick relay is energized while a train occupies the first track section, a second stick relay energized by a complete operation of the second thermal relay, a normally energized highway signal con-



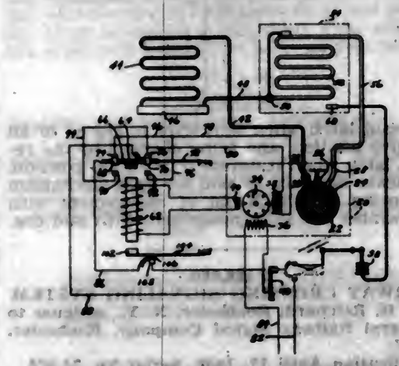
trol relay, means for de-energizing the signal control relay when a train enters the second or the third or the fourth track sections according as the first and the second stick relays are de-energized or the first stick relay only is energized or the second stick relay is energized, a signal governing train movements toward the highway, and means controlling the signal in accordance with the condition of the first and the second thermal relays.

2,106,634
GOVERNOR
Joseph J. Ring and Beverly R. Nichols, Wauwatosa, and Arnold Pfau, Milwaukee, Wis., assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware
Application August 31, 1935, Serial No. 38,724
17 Claims. (Cl. 121—42)



1. In a speed governor of the centrifugally actuated type, a spindle driven by a machine to be governed, means driven by said spindle and longitudinally movable directly proportional to the speed thereof and to the centrifugal force acting thereon, a servo-motor, means driven by said spindle and operable by longitudinal movement of the first said means to control operation of said servo-motor, means for multiplying and for transmitting the action of said servo-motor to a machine to be governed, a rod connected with the machine to be governed, a dashpot connected with the machine and with said rod to compensate for sudden changes in operation of said speed responsive means, and a yielding connection connecting said dashpot with said rod to compensate at different rates both for slow and for sudden changes in the rate of speed of the machine.

2,106,635
REFRIGERATING APPARATUS
Rolf M. Smith, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application February 29, 1936, Serial No. 66,461
12 Claims. (Cl. 230—2)

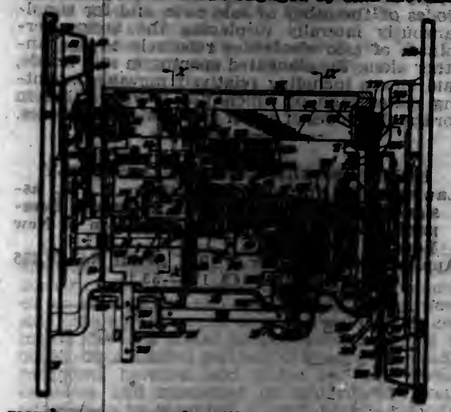


1. A motor pump unit including a motor and a pump driven by said motor, said pump having a pumping chamber provided with a check valve at its outlet for preventing the flow of discharged fluid back into the pumping chamber, said pumping chamber being provided with a piston capable of forcing fluid from the pumping chamber through the check valve at its outlet when the motor operates in a forward direction and to sweep fluid from the pumping chamber through the inlet when the motor operates in a reverse direction, and a speed responsive control means responsive to the speed of the motor for setting the unit to first start the motor in a reverse direction to unload the pump and then setting the unit to operate the motor in the forward direction during the remainder of each operating period.

2,106,636
LOCATING, LOCKING, AND INDICATING MEANS FOR A SHIFTABLE GEAR
Joseph C. Woodford, Haverford, Pa., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa., a corporation of Delaware
Application October 31, 1934, Serial No. 750,895
4 Claims. (Cl. 74—345)

1. In a computing registering mechanism the combination with a rotary dial carrying a circular series of numbers; of a cylindrical rotary member, connected to turn with said dial and having recesses in its circumference, spaced both circumferentially, in correspondence with the numbers on said dial, and longitudinally with respect to its axis; and interlocking means including a movable member which is manually adjustable axially with respect to said recessed member and transversely with respect to said recessed member, to be engaged selectively with the one of said recesses presented in registry therewith in accordance with the rotary position of said dial

and recessed member; whereby any recess presented in position to be engaged by said movable



member corresponds with the numerical factor displayed by said dial.

2,106,637
STORAGE BATTERY TESTING DEVICE
Carl G. Eisele, St. Paul, Minn., assignor to National Battery Company, St. Paul, Minn., a corporation of Delaware
Application April 29, 1935, Serial No. 18,706
5 Claims. (Cl. 209—39)



1. In a device for connecting a test circuit to a binding post of a storage battery, the combination with a socket adapted to receive one of said binding posts and to fit snugly thereon, a switch housing mounted on said socket, switch contact members enclosed in said housing and a handle disposed in straight alignment with said socket for thrusting the latter upon said post, said handle being operatively connected to one of said contacts to close said switch by a thrust directed toward a post in said socket.

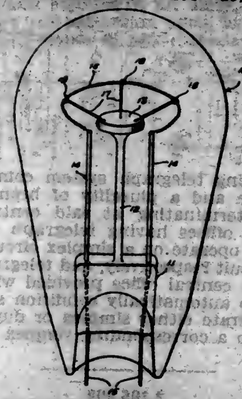
2,106,638
CENTRIFUGAL MACHINE
Wilmer H. Heath, West Conshohocken, Pa., assignor to The Sharples Specialty Company, Philadelphia, Pa., a corporation of Delaware
Application February 27, 1935, Serial No. 8,459
2 Claims. (Cl. 233—27)

2. In a centrifugal machine, the combination comprising a centrifugal rotor having a separating chamber defined by a base portion and a cover portion extending annularly about the axis of the rotor and mounted to be movable relative to each other only in an axial direction and normally retained in abutting relationship to prevent the discharge of material from said chamber, means for separating said portions to afford provision for discharge of material from said chamber, a deformable sealing member positively attached to each of said base and cover portions of said rotor and having one entire surface in contact with a rigid part of said portions at the line of separation therebetween for sealing said chamber against the discharge of material



between said portions when in abutting relationship, a second surface of said sealing members being exposed to the pressure within said rotor by means of which the same are distorted into sealing engagement, the abutting surfaces of said sealing members terminating in the radial plane containing the free edges of the rotor portions when in abutting relation.

2,106,639
INCANDESCENT ELECTRIC LAMP
Chester H. Braselton, New York, N. Y., assignor to Sirian Lamp Company, Newark, N. J., a corporation of Delaware
Application August 25, 1932, Serial No. 630,230
2 Claims. (Cl. 176—40)

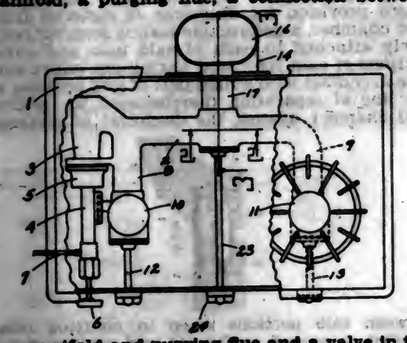


2. An incandescent electric lamp comprising a globe having electric circuit leads, a filament of tantalum electrically connected at opposite ends directly with said leads, and means for heating said tantalum filament to temperatures in excess of its normal lighting temperature comprising a tungsten filament electrically connected at its opposite ends with said leads in complete electrical parallelism with said tantalum filament and in contact therewith throughout its length.

2,106,640
ODOR CONTROL FOR LIQUID FUEL BURNING STOVES
Sheldon Coleman and Boyd W. Tullis, Wichita, Kans.
Application February 15, 1936, Serial No. 64,137
4 Claims. (Cl. 158—53)

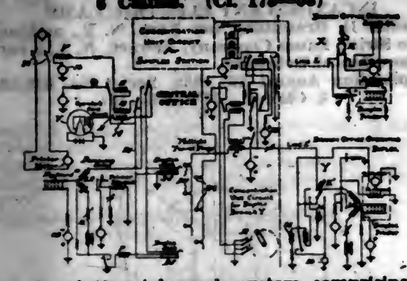
1. In a device of the class described a burner

manifold, a purging flue, a connection between



the manifold and purging flue and a valve in the connection.

2,106,691
PRINTING TELEGRAPH SYSTEM
Eugene A. Demenet, Brooklyn, N. Y., assignor to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application June 30, 1934, Serial No. 33,412
6 Claims. (Cl. 178—58)



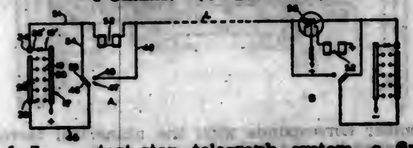
1. A printing telegraph system comprising a central office and a plurality of branch offices with lines terminating at said central office, said branch offices having telegraph apparatus arranged to operate on a simplex circuit and on a duplex circuit respectively, and telegraph apparatus at the central office provided with means operating to automatically condition said apparatus to operate either simplex or duplex when connected to a corresponding simplex or duplex line circuit.

2,106,692
GAS-ARC TORCH
Rowland Embleton, Swinton, England, assignor to General Electric Company, a corporation of New York
Application July 23, 1936, Serial No. 92,034
In Great Britain July 26, 1935
5 Claims. (Cl. 219—14)



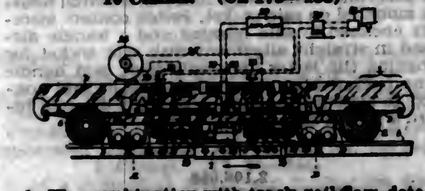
1. A gas-arc torch comprising a nozzle having an elongated discharge opening therein, a plurality of pairs of electrodes projecting into said nozzle with their arcing terminals adjacent the elongated opening therein, said electrodes being arranged in two rows with the electrodes of each pair occupying corresponding positions in said rows, and means for collectively moving the electrodes of one of said rows relatively to the electrodes of the other of said rows and for simultaneously laterally displacing the arcing terminals of said electrodes relatively to one another along the elongated opening in said nozzle, said means including relatively movable mounting plates each of which has openings therein for the electrodes of one of said rows of electrodes.

2,106,693
HOME RECORD CUT-OUT ASSEMBLY
Lawrence W. Franklin, Delawanna, N. J., assignor to The Western Union Telegraph Company, New York, N. Y., a corporation of New York
Application September 5, 1935, Serial No. 39,355
6 Claims. (Cl. 178—53.1)



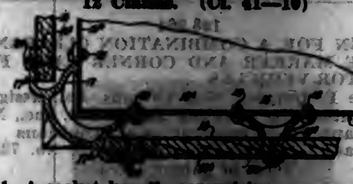
1. In a start-stop telegraph system, a first station, a second station, a line circuit extending from said first station to said second station, a telegraph transmitting apparatus in said circuit at said first station, a printer in said circuit and normally responsive to both transmitted and received code impulses, a contact assembly in said transmitting apparatus comprising a start contact and a plurality of selecting impulse transmitting contacts, means for operating said start and selecting impulse transmitting contacts to transmit character code combinations over said line circuit, and means for rendering said printer unresponsive to said transmitted selecting impulses while maintaining it in condition to receive all incoming impulses from said second station said means comprising a circuit arrangement for shunting said transmitted selecting impulses around said printer directly to said line circuit.

2,106,694
TRACK RAIL FLAW DETECTING APPARATUS
William H. Grindall and Arthur E. F. Billstein, Altoona, Pa., assignors to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania
Application July 22, 1935, Serial No. 32,696
10 Claims. (Cl. 175—183)



1. The combination with track-rail flaw-detecting and indicating apparatus movable along the track, of an actuator device carried by said detecting and indicating apparatus adjacent a rail of said track and mounted for diverse movements, one way by engagement with rail-joint-bars and another way by engagement with obstructions along the track, such as highway crossings, cross-overs, and switches, and means actuated by one of the aforesaid movements of said actuator device to temporarily render said apparatus inoperative, so as to avoid undesired indications, but unaffected by the other of the aforesaid movements of said actuator device.

2,106,695
ART OF CASKET ORNAMENTATION
Raymond Larson, Chicago, Ill., assignor to Central Metallic Casket Co., Chicago, Ill., a corporation of Illinois
Application April 20, 1936, Serial No. 77,187
12 Claims. (Cl. 41—10)



11. A casket handle comprising an ornamental element supported on the casket walls at each corner of the casket, an ornamental plate mounted on each of the two casket side walls between said ornamental corner elements, said corner elements and said plates having recesses formed in outwardly extended portions of the body, a handle extending between said plates and said corner elements and supported in said recesses, caps adapted to be mounted on said handle opposite said recesses, and means for securing said caps and handle to said corner elements and plates.

2,106,696
EXTENSOMETER
Robert B. Lewis, Philadelphia, Pa., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa., a corporation of Pennsylvania
Application May 31, 1935, Serial No. 24,176
3 Claims. (Cl. 33—147)

1. An instrument for indicating changes in length, comprising a frame clampable to the test specimen, two specimen engaging members on the frame, and means movable to a position to contact with the test specimen to prevent one of said members engaging the specimen during the initial clamping operation and movable to



another position to guide such member into contact with the specimen and thereby maintain a fixed and definite distance between said members when the frame is clamped to the specimen by the members.

2,106,697
PROCESS FOR THE MANUFACTURE OF ACETAMIDE
Wendell P. Munro, Bound Brook, Elmore H. Northey and Harry E. Lesher, Plainfield, N. J., assignors to The Calco Chemical Company, Inc., Bound Brook, N. J., a corporation of Delaware
No Drawing. Application April 13, 1936, Serial No. 74,194
5 Claims. (Cl. 260—124)

1. A process of producing acetamide which comprises reacting aqueous ammonia with an acetic acid ester of a lower monohydric paraffin alcohol having good solvent power for water, distilling off alcohol formed, unchanged ammonia and unreacted ester and water, washing the product with fresh ester followed by washing with a small amount of an inert organic liquid having low solvent action upon water and using the washing liquor as raw material for the next batch.

DESIGNS

JANUARY 25, 1938

106,662

DESIGN FOR ELASTIC FABRIC OR SIMILAR ARTICLE

Harry Aull, Philadelphia, Pa., assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania

Application October 13, 1936, Serial No. 65,283

Term of patent 7 years



The ornamental design for elastic fabric or similar article as shown and described.

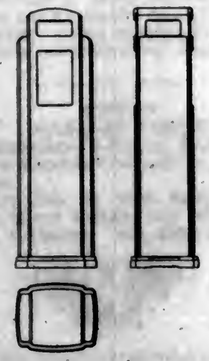
106,663

DESIGN FOR A DISPENSING CASING

Eric H. Bradley, Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa., a corporation of Delaware

Application December 4, 1937, Serial No. 73,375

Term of patent 14 years



The ornamental design for a dispensing casing, as shown.

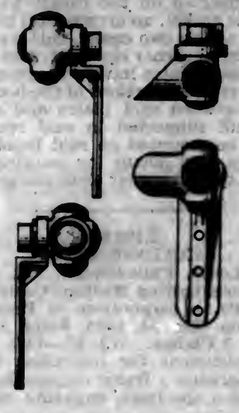
106,664

DESIGN FOR A COMBINATION CLEARANCE SIDE MARKER AND CORNER LAMP FOR MOTOR VEHICLES

George F. Burgess, New Orleans, La., assignor to Automotive Lighting Equipment, Inc., New Orleans, La., a corporation of Louisiana

Application October 30, 1937, Serial No. 72,538

Term of patent 7 years



The ornamental design for a combination clearance side marker and corner lamp for motor vehicles, as shown.

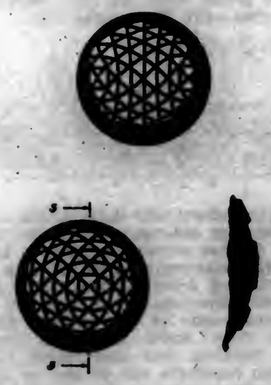
106,665

DESIGN FOR A GOLF BALL OR THE LIKE

Frank H. Cavignac, New York, N. Y.

Application November 15, 1937, Serial No. 72,996

Term of patent 14 years



The ornamental design for a golf ball or the like as shown.

106,666

DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE

Marcel Christen, New York, N. Y.

Application November 10, 1937, Serial No. 72,761

Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown.

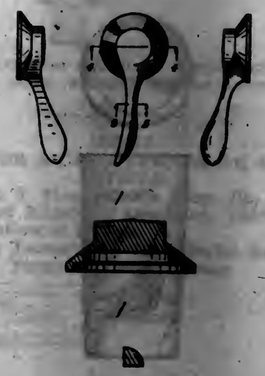
106,667

DESIGN FOR A VALVE HANDLE

Herbert B. Glassmann, Sturgis, Mich., assignor to Scovill Manufacturing Company, Sturgis, Mich.

Application November 19, 1937, Serial No. 73,026

Term of patent 14 years



The ornamental design for a valve handle, as shown.

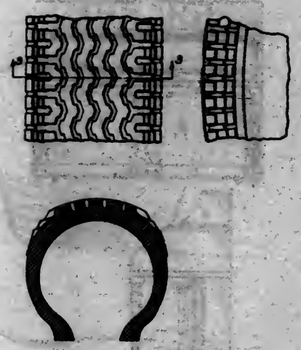
106,668

DESIGN FOR A TIRE

Burgess Darrow, San Marino, Calif., assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

Application December 3, 1937, Serial No. 73,339

Term of patent 14 years



The ornamental design for a tire, as shown.

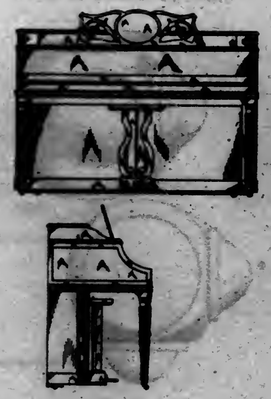
106,669

DESIGN FOR A PIANO CASE

Wilbur M. Day, Cincinnati, Ohio, assignor to The Baldwin Company, Cincinnati, Ohio

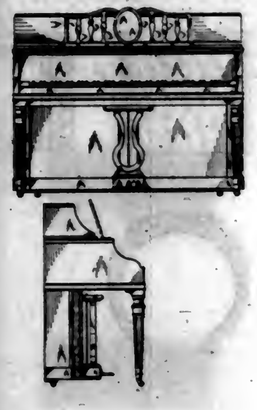
Application December 4, 1937, Serial No. 73,402

Term of patent 7 years



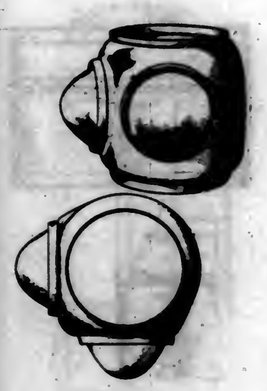
The ornamental design for a piano case, as shown.

106,070
DESIGN FOR A PIANO CASE
Wilbur M. Day, Cincinnati, Ohio, assignor to The Baldwin Company, Cincinnati, Ohio
Application December 16, 1937, Serial No. 73,521
Term of patent 3½ years



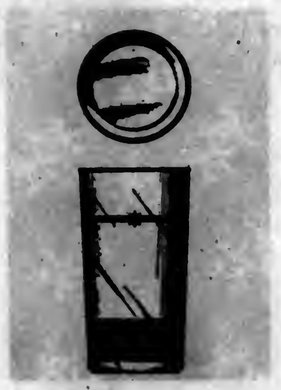
The ornamental design for a piano case, as shown.

106,071
DESIGN FOR A LANTERN CHIMNEY
Edwin J. Fraser, Chicago, Ill.
Application March 3, 1937, Serial No. 67,961
Term of patent 14 years



The ornamental design for a lantern chimney as shown and described.

106,072
DESIGN FOR A TUMBLER
Edwin W. Fuerst, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application November 26, 1937, Serial No. 73,183
Term of patent 7 years



The ornamental design for a tumbler substantially as shown and described.

106,073
DESIGN FOR A TUMBLER
Edwin W. Fuerst, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application November 26, 1937, Serial No. 73,186
Term of patent 7 years



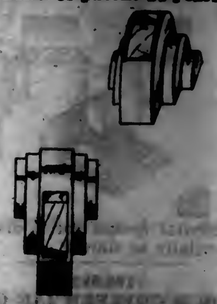
The ornamental design for a tumbler substantially as shown and described.

106,074
DESIGN FOR A BOTTLE
Robert C. Gennaro, Vincent L. Gennaro, and Emil L. Gennaro, Hamilton, Pa.
Application October 16, 1937, Serial No. 72,244
Term of patent 14 years



The ornamental design for a bottle, as shown.

106,075
DESIGN FOR A DIAL HOUSING FOR A WEIGHING SCALE
Stan L. Hansen, Andrew P. Olsen, and Albert A. Schmid, Chicago, Ill., assignors to Marius H. Hansen and Stan L. Hansen, both of Chicago, Ill.
Application September 27, 1937, Serial No. 71,824
Term of patent 14 years



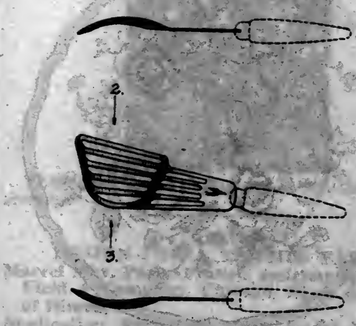
The ornamental design for a dial housing for a weighing scale, substantially as shown.

106,076
DESIGN FOR A CAKE TURNER OR SIMILAR ARTICLE
Clarence R. T. Hess, Prairie View, Ill., assignor to Edward Katzinger Company, Chicago, Ill., a corporation of Illinois
Application January 22, 1937, Serial No. 67,219
Term of patent 14 years



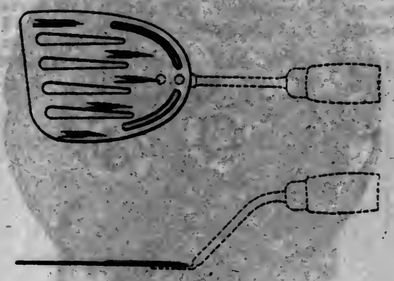
The ornamental design for a cake turner or similar article, as shown.

106,077
DESIGN FOR A BATTER WHIP OR SIMILAR ARTICLE
Clarence R. T. Hess, Prairie View, Ill., assignor to Edward Katzinger Company, Chicago, Ill., a corporation of Illinois
Application January 22, 1937, Serial No. 67,220
Term of patent 14 years



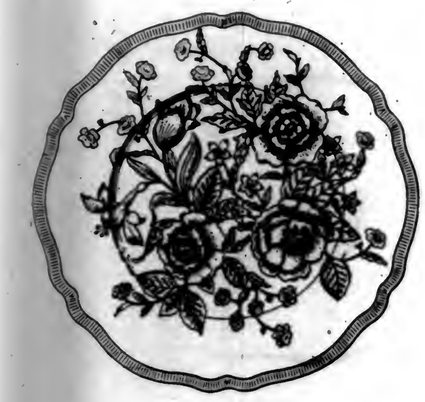
The ornamental design for a batter whip or similar article, as shown.

106,078
DESIGN FOR A CAKE TURNER OR SIMILAR ARTICLE
Clarence R. T. Hess, Prairie View, Ill., assignor to Edward Katzinger Company, Chicago, Ill., a corporation of Illinois
Application January 22, 1937, Serial No. 67,221
Term of patent 14 years



The ornamental design for a cake turner or similar article as shown and described.

168,079
DESIGN FOR A PLATE OR SIMILAR ARTICLE
George J. Higginson, New York, N. Y.
Application November 10, 1937, Serial No. 72,773
Term of patent 7 years



The ornamental design for a plate or similar article, as shown.

168,080
DESIGN FOR A PLATE OR SIMILAR ARTICLE
George J. Higginson, New York, N. Y.
Application November 10, 1937, Serial No. 72,774
Term of patent 7 years



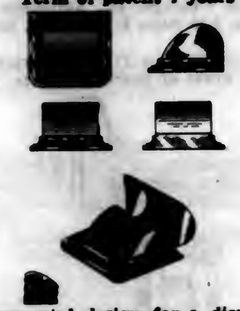
The ornamental design for a plate or similar article, as shown.

168,081
DESIGN FOR A JAR
Ely Jacques Kahn, New York, N. Y., assignor to Hirsutra Laboratories, New York, N. Y., a corporation of New York
Application April 16, 1937, Serial No. 68,817
Term of patent 14 years



The ornamental design for a jar, substantially as shown.

168,082
DESIGN FOR A DISPLAY BOX FOR RINGS
Benjamin S. Katz, Cincinnati, Ohio, assignor to The Gruen Watch Company, Cincinnati, Ohio, a corporation of Ohio
Application February 24, 1937, Serial No. 67,829
Term of patent 7 years



The ornamental design for a display box for rings, substantially as shown.

168,083
DESIGN FOR A COVERED JAR OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,789
Term of patent 3½ years



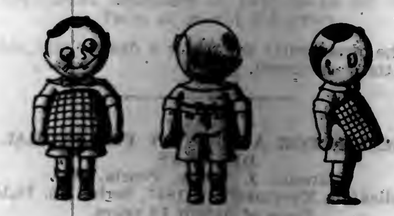
The ornamental design for a covered jar or similar article, substantially as shown.

168,084
DESIGN FOR A DOLL
Russell B. Kingman, Orange, N. J., assignor to Metal Textile Corporation, a corporation of Delaware
Application December 6, 1937, Serial No. 73,391
Term of patent 3½ years



The ornamental design for a doll, as shown.

168,085
DESIGN FOR A DOLL
Russell B. Kingman, Orange, N. J., assignor to Metal Textile Corporation, a corporation of Delaware
Application December 6, 1937, Serial No. 73,392
Term of patent 3½ years



The ornamental design for a doll, as shown.

168,086
DESIGN FOR A TEXTILE FABRIC
Marcel Mey, Paris, France, assignor to Marshall Field & Company, Chicago, Ill., a corporation of Illinois
Application August 23, 1937, Serial No. 71,266
Term of patent 3½ years



The ornamental design for a textile fabric as shown and described.

168,087
DESIGN FOR A TEXTILE FABRIC
Marcel Mey, Paris, France, assignor to Marshall Field & Company, Chicago, Ill., a corporation of Illinois
Application August 23, 1937, Serial No. 71,270
Term of patent 3½ years



The ornamental design for a textile fabric as shown.

168,088
DESIGN FOR A TEXTILE FABRIC
Marcel Mey, Paris, France, assignor to Marshall Field & Company, Chicago, Ill., a corporation of Illinois
Application August 23, 1937, Serial No. 71,274
Term of patent 3½ years



The ornamental design for a textile fabric as shown.

168,089
DESIGN FOR A TEXTILE FABRIC
Marcel Mey, Paris, France, assignor to Marshall Field & Company, Chicago, Ill., a corporation of Illinois
Application August 23, 1937, Serial No. 71,284
Term of patent 3½ years



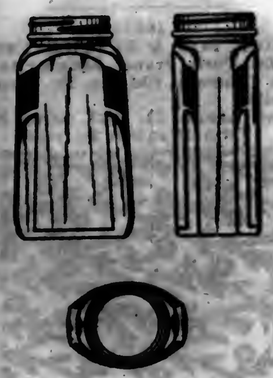
The ornamental design for a textile fabric as shown and described.

168,890
DESIGN FOR A TEXTILE FABRIC
Marcel May, Paris, France, assignor to Marshall Field & Company, Chicago, Ill., a corporation of Illinois
Application August 23, 1937, Serial No. 71,236
Term of patent 3½ years



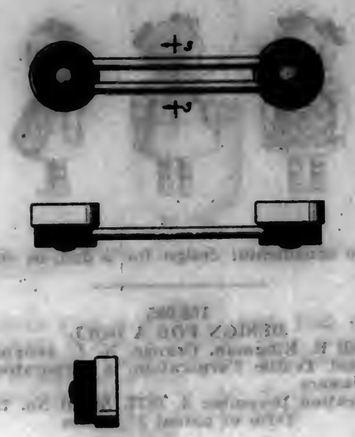
The ornamental design for a textile fabric as shown.

168,891
DESIGN FOR A JAR
Olbert C. Noble, Washington, Pa., assignor to Tygart Valley Glass Company, Washington, Pa., a corporation of West Virginia
Application December 7, 1937, Serial No. 73,417
Term of patent 7 years



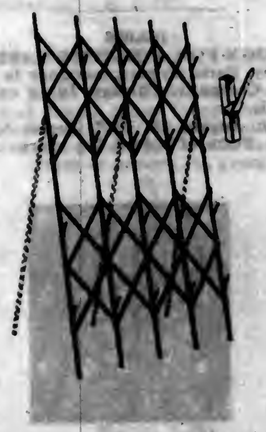
The ornamental design for a jar, as shown.

168,892
DESIGN FOR A DRAWER PULL
Henry L. Pehrson, Rockford, Ill., assignor to Anderson Brass Shops, Inc., Rockford, Ill., a corporation of Illinois
Application December 6, 1937, Serial No. 73,287
Term of patent 3½ years



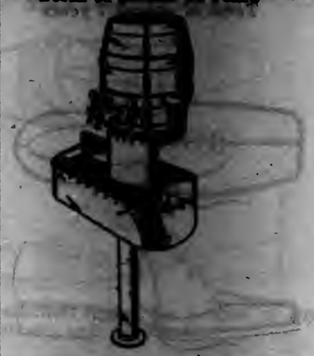
The ornamental design for a drawer pull, substantially as shown.

168,893
DESIGN FOR A SUPPORT FOR FLORAL DISPLAYS
Clarence J. White, Peoria, Ill.
Application November 22, 1937, Serial No. 73,131
Term of patent 14 years



The ornamental design for a support for floral displays, as shown.

168,894
DESIGN FOR A COMBINED BEVERAGE COOLER AND DISPENSER
Fred G. Wilson, [illegible], N. Y.
Application April [illegible], Serial No. 69,956
Term of [illegible] years



The ornamental design for a combined beverage cooler and dispenser, as shown.

168,895
DESIGN FOR A LACE FABRIC OR SIMILAR ARTICLE
Gustav Zellweger, Palisades, N. J.
Application December 17, 1937, Serial No. 73,676
Term of patent 3½ years



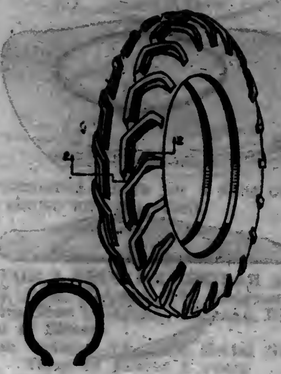
The ornamental design for a lace fabric or similar article as shown and described.

168,896
DESIGN FOR A LACE INSERT OR SIMILAR ARTICLE
Gustav Zellweger, Palisades, N. J.
Application December 17, 1937, Serial No. 73,677
Term of patent 3½ years



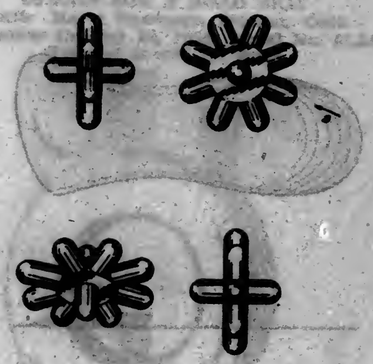
The ornamental design for a lace insert or similar article as shown and described.

168,897
DESIGN FOR A TIRE
Elmer F. Brunner, Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware
Application December 2, 1937, Serial No. 73,299
Term of patent 14 years



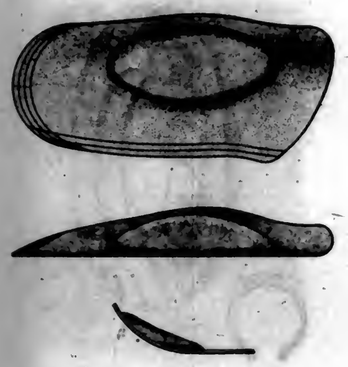
The ornamental design for a tire, as shown.

168,898
DESIGN FOR A STRUCTURAL TOY ELEMENT
Alfred C. Gilbert, Hamden, Conn., assignor to The A. C. Gilbert Company, New Haven, Conn., a corporation of Maryland
Application April 20, 1937, Serial No. 69,051
Term of patent 14 years



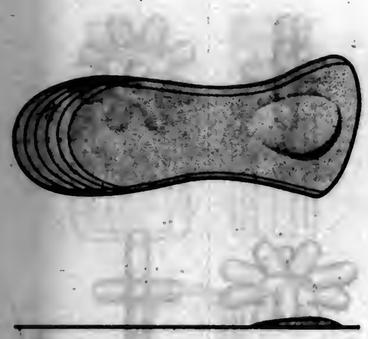
The ornamental design for a structural toy element substantially as shown and described.

100,099
DESIGN FOR A LONGITUDINAL ARCH SUPPORT
Rose H. Johnson, Indianapolis, Ind.
Application January 8, 1937, Serial No. 66,983
Term of patent 14 years



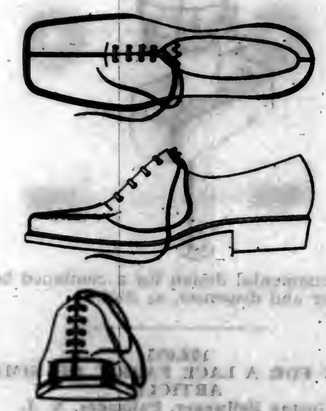
The ornamental design for a longitudinal arch support, as shown and described.

100,100
DESIGN FOR AN ADJUSTABLE METATARSAL INSOLE
Rose H. Johnson, Indianapolis, Ind.
Application February 8, 1937, Serial No. 67,569
Term of patent 14 years



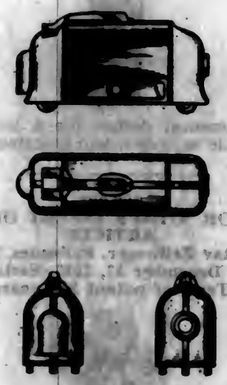
The ornamental design for an adjustable metatarsal insole, as shown and described.

100,101
DESIGN FOR A SHOE
Josef Lanz, Salzburg, Austria, assignor to The Stetson Shoe Company, Inc., Weymouth, Mass., a corporation of Massachusetts
Application September 25, 1937, Serial No. 71,799
Term of patent 7 years



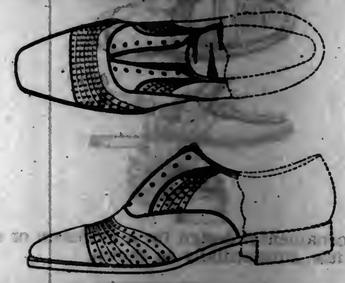
The ornamental design for a shoe, substantially as shown.

100,102
DESIGN FOR A VACUUM CLEANER CASING
Harley J. McAllister, Chicago, Ill.
Application June 11, 1937, Serial No. 69,262
Term of patent 3½ years



The ornamental design for a vacuum cleaner casing as shown and described.

100,103
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Oswald M. Fick, Chicago, Ill., assignor to The Fleischheim Shoe Company, Chicago, Ill., a corporation of Illinois
Application October 20, 1937, Serial No. 72,511
Term of patent 7 years



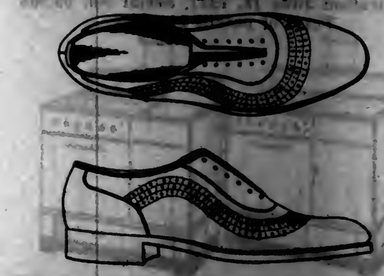
The ornamental design for a shoe or similar article as shown and described.

100,104
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Oswald M. Fick, Chicago, Ill., assignor to The Fleischheim Shoe Company, Chicago, Ill., a corporation of Illinois
Application October 22, 1937, Serial No. 72,512
Term of patent 7 years



The ornamental design for a shoe or similar article, as shown and described.

100,105
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Oswald M. Fick, Chicago, Ill., assignor to The Fleischheim Shoe Company, Chicago, Ill., a corporation of Illinois
Application October 20, 1937, Serial No. 72,513
Term of patent 7 years



The ornamental design for a shoe or similar article, as shown.

100,106
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Oswald M. Fick, Chicago, Ill., assignor to The Fleischheim Shoe Company, Chicago, Ill., a corporation of Illinois
Application October 29, 1937, Serial No. 72,514
Term of patent 7 years



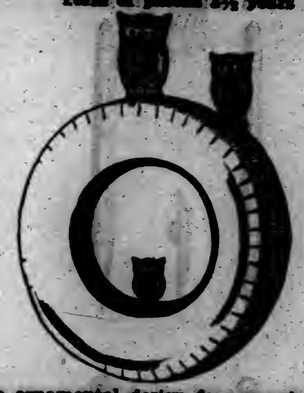
The ornamental design for a shoe or similar article as shown and described.

100,107
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Oswald M. Fick, Chicago, Ill., assignor to The Fleischheim Shoe Company, Chicago, Ill., a corporation of Illinois
Application October 29, 1937, Serial No. 72,515
Term of patent 7 years



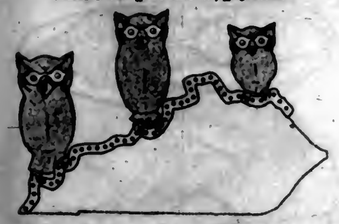
The ornamental design for a shoe or similar article as shown.

100,108
DESIGN FOR A ROAD SIGN
Lottie Marie Summers, Dayton, Ohio
Application October 28, 1936, Serial No. 65,549
Term of patent 3½ years



The ornamental design for a road sign, substantially as shown and described.

166,109
DESIGN FOR A ROAD SIGN
Lettie Marie Strammers, Dayton, Ohio
Original application October 28, 1936, Serial No. D-66,549. Divided and this application September 11, 1937, Serial No. D-71,566
Term of patent 3½ years



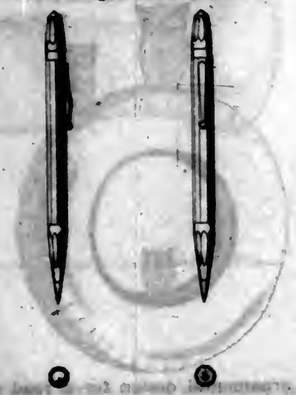
The ornamental design for a road sign, substantially as shown and described.

166,110
DESIGN FOR A BARBER'S CABINET OR SIMILAR ARTICLE
Ross H. Trickle, Newark, Ohio
Application April 7, 1936, Serial No. 61,996
Term of patent 3½ years



The ornamental design for a barber's cabinet or similar article as shown.

166,111
DESIGN FOR A PENCIL
Martin E. Trollen, St. Paul, Minn., assignor to Brown & Bigelow, St. Paul, Minn., a corporation of Minnesota
Application April 9, 1937, Serial No. 68,039
Term of patent 14 years



The ornamental design for a pencil, as shown.

166,112
DESIGN FOR A MOCCASIN OR SIMILAR ARTICLE
Edward J. Bial, Brockton, Mass.
Application December 17, 1937, Serial No. 73,089
Term of patent 3½ years



The ornamental design for a moccasin or similar article, substantially as shown.

166,113
DESIGN FOR A BOTTLE
Darrell E. Briner, Winchester, Ind., assignor to Parsons Ammonia Company, Inc., New York, N. Y., a corporation of New York
Application December 15, 1937, Serial No. 73,835
Term of patent 14 years



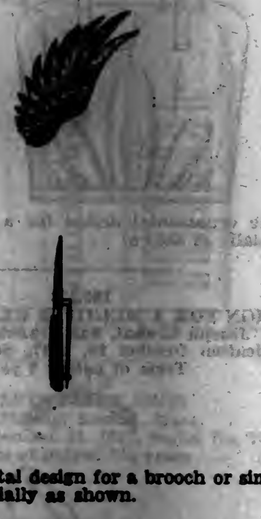
The ornamental design for a bottle, substantially as shown.

166,114
DESIGN FOR A RANGE
Herbert T. Barrow, Beaver Dam, Wis., assignor to Malleable Iron Range Company, Beaver Dam, Wis., a corporation of Wisconsin
Application June 18, 1937, Serial No. 69,905
Term of patent 14 years



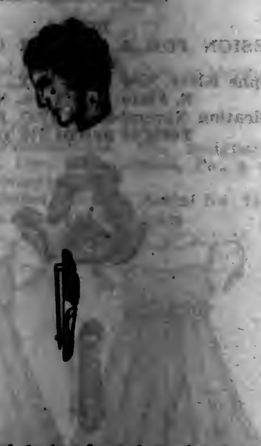
The ornamental design for a range, as shown and described.

166,115
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Fulco di Verdura, New York, N. Y., assignor to Paul E. Flato, New York, N. Y.
Application November 27, 1937, Serial No. 73,217
Term of patent 3½ years



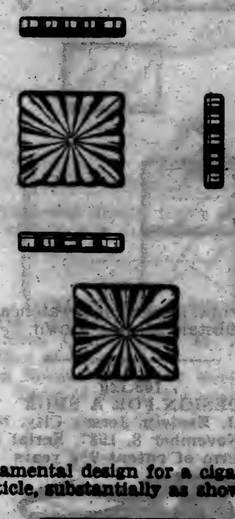
The ornamental design for a brooch or similar article substantially as shown.

166,116
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Fulco di Verdura, New York, N. Y., assignor to Paul E. Flato, New York, N. Y.
Application November 27, 1937, Serial No. 73,218
Term of patent 3½ years



The ornamental design for a brooch or similar article, substantially as shown.

166,117
DESIGN FOR A CIGARETTE CASE OR SIMILAR ARTICLE
Fulco di Verdura, New York, N. Y., assignor to Paul E. Flato, New York, N. Y.
Application December 7, 1937, Serial No. 73,419
Term of patent 3½ years



The ornamental design for a cigarette case or similar article, substantially as shown.

166,118
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Fulco di Verdura, New York, N. Y., assignor to Paul E. Flato, New York, N. Y.
Application November 27, 1937, Serial No. 73,219
Term of patent 3½ years



The ornamental design for a brooch or similar article, substantially as shown.

168,119
DESIGN FOR A WATCHCASE OR SIMILAR ARTICLE
Falco di Verdura, New York, N. Y., assignor to Paul E. Flato, New York, N. Y.
Application November 27, 1937, Serial No. 73,220
Term of patent 3½ years



The ornamental design for a watchcase or similar article, substantially as shown.

168,120
DESIGN FOR A SHOE
Louis J. Epstein, Jersey City, N. J.
Application November 8, 1937, Serial No. 72,688
Term of patent 3½ years



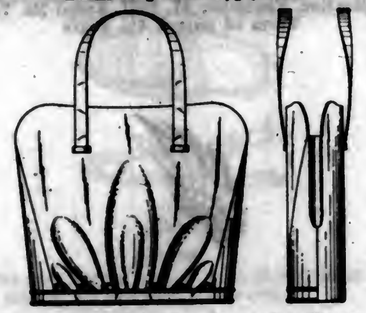
The ornamental design for a shoe, substantially as shown and described.

168,121
DESIGN FOR A BOTTLE OR SIMILAR CONTAINER
Paul H. Ganz, New York, N. Y.
Application December 3, 1937, Serial No. 73,332
Term of patent 7 years



The ornamental design for a bottle or similar container, substantially as shown.

168,122
DESIGN FOR A HANDBAG
Samuel R. Goldsmith, New York, N. Y.
Application December 28, 1937, Serial No. 73,911
Term of patent 3½ years



The ornamental design for a handbag, substantially as shown.

168,123
DESIGN FOR A MULTIPLE GEM MOUNTING
Joseph Granat, San Francisco, Calif.
Application October 29, 1937, Serial No. 72,501
Term of patent 7 years



The ornamental design for a multiple gem mounting, substantially as shown.

168,124
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Adolphe Klety, New York, N. Y., assignor to Paul E. Flato, New York, N. Y.
Application November 27, 1937, Serial No. 73,222
Term of patent 3½ years



The ornamental design for a brooch or similar article, substantially as shown.

168,125
DESIGN FOR A BOTTLE
Leslie A. Lauman, Jr., Haddonfield, N. J., assignor to Fairmont Automatic Company, Inc., New York, N. Y., a corporation of New York
Application December 15, 1937, Serial No. 73,636
Term of patent 14 years



The ornamental design for a bottle, substantially as shown.

168,126
DESIGN FOR A SHOE
Roy Maling, Boston, Mass.
Application December 13, 1937, Serial No. 73,548
Term of patent 3½ years



The ornamental design for a shoe, as shown.

168,127
DESIGN FOR A DRESS
Mary Mullen, Philadelphia, Pa., assignor to Rosenau Bros. Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application December 14, 1937, Serial No. 73,619
Term of patent 3½ years



The ornamental design for a dress as shown.

168,128
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Oswald M. Fish, Chicago, Ill., assignor to The Fleischein Shoe Company, Chicago, Ill., a corporation of Illinois
Application November 15, 1937, Serial No. 72,865
Term of patent 7 years



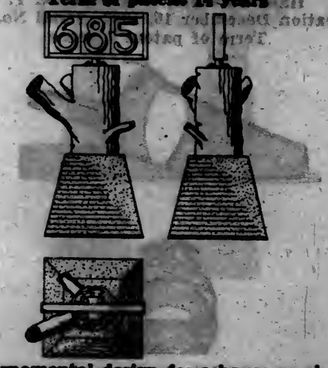
The ornamental design for a shoe or similar article as shown and described.

168,129
DESIGN FOR A SHOE
Henning Odemerania, St. Louis, Mo., assignor to Valley Shoe Corporation, St. Louis, Mo., a corporation of Missouri
Application November 8, 1937, Serial No. 72,676
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

168,130
DESIGN FOR A HOUSE MARKER
Woodrow Patty and Melvin Brooks, Santa Fe, N. Mex.
Application December 6, 1937, Serial No. 73,407
Term of patent 14 years



The ornamental design for a house marker, as shown.

106,121
DESIGN FOR A SCRAPING TOOL
Clarence Wheaton Reid, Rochester, N. Y.
Application June 26, 1937, Serial No. 70,658
Term of patent 14 years



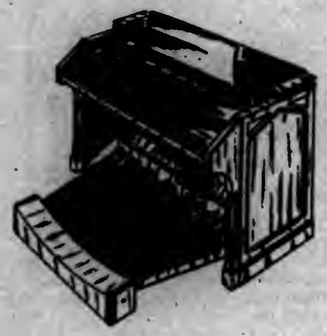
The ornamental design for a scraping tool, as shown.

106,122
DESIGN FOR A SLIPPER OR SIMILAR ARTICLE
Hans Springer, New York, N. Y.
Application December 16, 1937, Serial No. 73,658
Term of patent 7 years



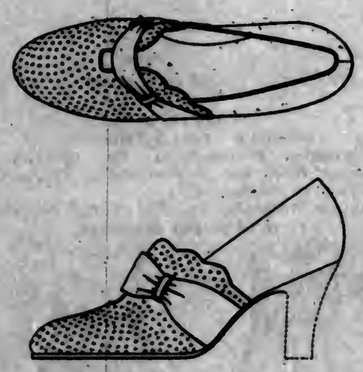
The ornamental design for a slipper or similar article as shown and described.

106,123
DESIGN FOR AN ELECTRIC ORGAN
George E. Stephens, Glenview, Ill., assignor to Hammond Instrument Company, Chicago, Ill., a corporation of Delaware
Application December 9, 1937, Serial No. 73,491
Term of patent 14 years



The ornamental design for an electric organ, as shown.

106,124
DESIGN FOR A SHOE
Samuel Weinstat, New York, N. Y., assignor to Bancroft Walker Company, Waltham, Mass., a corporation of Massachusetts
Application December 13, 1937, Serial No. 73,694
Term of patent 3½ years



The ornamental design for a shoe substantially as shown and described.

106,125
DESIGN FOR A BILLFOLD
Herman B. Welch, West Bend, Wis., assignor to Amity Leather Products Co., West Bend, Wis., a corporation of Wisconsin
Application June 11, 1937, Serial No. 69,796
Term of patent 7 years



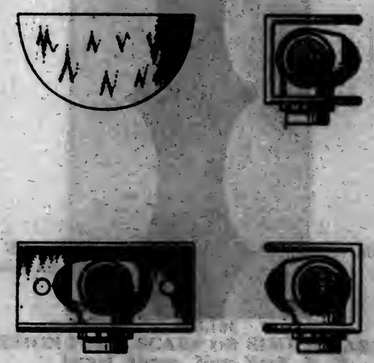
The ornamental design for a billfold, as shown and described.

106,126
DESIGN FOR A MANTEL OR SIMILAR ARTICLE
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,272
Term of patent 7 years



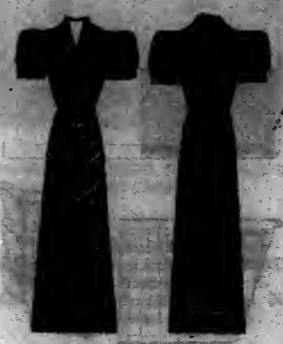
The ornamental design for a mantel or similar article substantially as shown.

106,127
DESIGN FOR A COMBINATION CLEARANCE AND SIDE MARKER LAMP FOR MOTOR VEHICLES
George F. Burgess, New Orleans, La., assignor to Automotive Lighting Equipment, Inc., New Orleans, La., a corporation of Louisiana
Application October 20, 1937, Serial No. 72,537
Term of patent 7 years



The ornamental design for a combination clearance and side marker lamp for motor vehicles, as shown.

106,128
DESIGN FOR A DRESS
Ben Greenstein, New York, N. Y.
Application December 3, 1937, Serial No. 73,327
Term of patent 3½ years



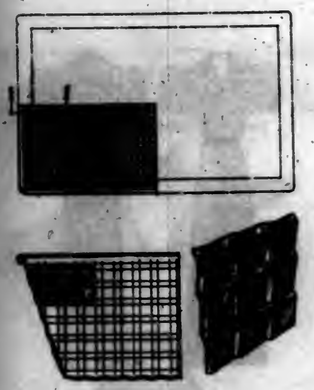
The ornamental design for a dress substantially as shown.

106,139
DESIGN FOR A RIBBON
John D. Ehsing, New York, N. Y.
Application December 20, 1937, Serial No. 73,732
Term of patent 7 years



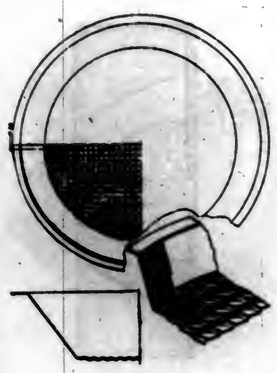
The ornamental design for a ribbon, substantially as shown.

106,140
DESIGN FOR A BAKING PAN
Joseph G. Jackson, Oak Park, Ill., assignor to The Edward Katzinger Company, Chicago, Ill., a corporation of Illinois
Application January 2, 1937, Serial No. 66,868
Term of patent 14 years



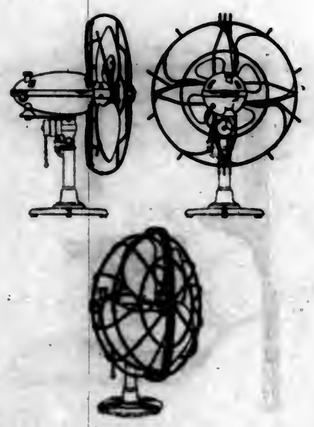
The ornamental design for a baking pan, as shown and described.

106,141
DESIGN FOR A BAKING PAN
Joseph G. Jackson, Oak Park, Ill., assignor to The Edward Katzinger Company, Chicago, Ill., a corporation of Illinois
Application January 2, 1937, Serial No. 66,869
Term of patent 14 years



The ornamental design for a baking pan, as shown and described.

106,142
DESIGN FOR AN ELECTRIC FAN
Gustav H. Koch, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Application August 14, 1937, Serial No. 71,089
Term of patent 7 years



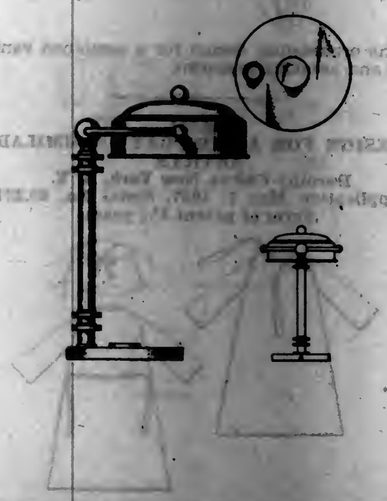
The ornamental design for an electric fan substantially as shown and described.

106,143
DESIGN FOR A WRENCH MEMBER
Sigmund Mandl, Milwaukee, Wis., assignor to Blackhawk Mfg. Co., Milwaukee, Wis., a corporation of Wisconsin
Application February 27, 1937, Serial No. 67,905
Term of patent 7 years



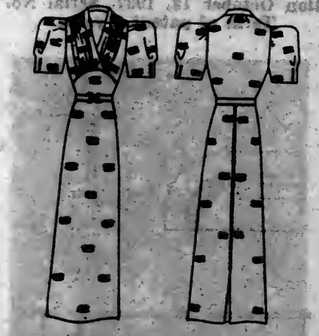
The ornamental design for a wrench member, as shown and described.

106,144
DESIGN FOR A PORTABLE ELECTRIC LAMP
Henry M. Peters, Chicago, Ill.
Application August 2, 1937, Serial No. 70,810
Term of patent 3½ years



The ornamental design for a portable electric lamp, as shown.

106,145
DESIGN FOR A DRESS
Marie Pons, New York, N. Y.
Application December 4, 1937, Serial No. 73,366
Term of patent 3½ years



The ornamental design for a dress substantially as shown and described.

106,146
DESIGN FOR A SCARF OR SIMILAR ARTICLE
Israel Aberg, New York, N. Y.
Application January 4, 1938, Serial No. 74,071
Term of patent 3½ years



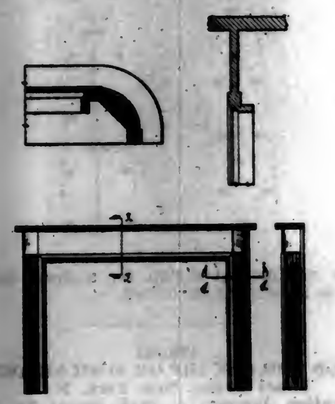
The ornamental design for a scarf or similar article substantially as shown.

106,147
DESIGN FOR A SNAKE BRAID
Jay Alpine, Brooklyn, N. Y.
Application August 12, 1937, Serial No. 71,045
Term of patent 3½ years



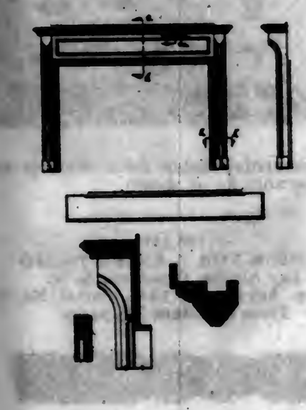
The ornamental design for a snake braid substantially as shown and described.

106,148
DESIGN FOR A MANTEL OR SIMILAR ARTICLE
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,266
Term of patent 7 years



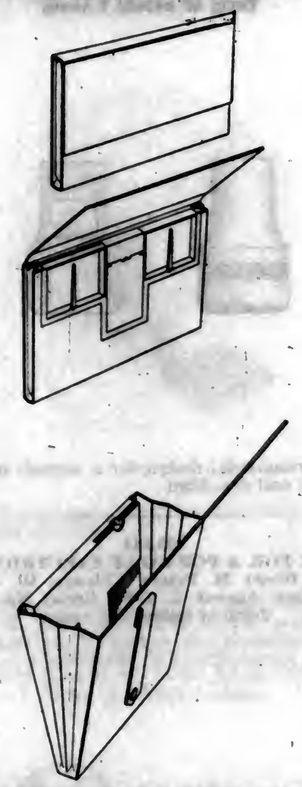
The ornamental design for a mantel or similar article substantially as shown.

106,149
DESIGN FOR A MANTEL OR SIMILAR ARTICLE
Dwight J. Baum, New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa, a corporation of Iowa
Application October 18, 1937, Serial No. 72,267
Term of patent 7 years



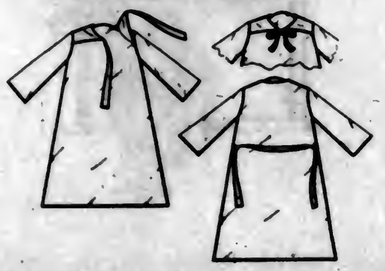
The ornamental design for a mantel or similar article substantially as shown.

106,150
DESIGN FOR A COMBINED VANITY UNIT AND HANDBAG
Pedro Bautista, Brooklyn, N. Y.
Application January 11, 1937, Serial No. 67,007
Term of patent 7 years



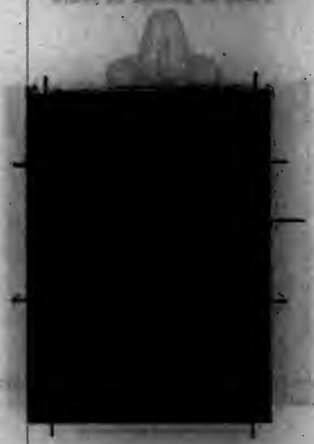
The ornamental design for a combined vanity unit and handbag as shown.

106,151
DESIGN FOR A RAINCOAT OR SIMILAR ARTICLE
Dorothy Cairns, New York, N. Y.
Application May 7, 1937, Serial No. 69,221
Term of patent 3½ years



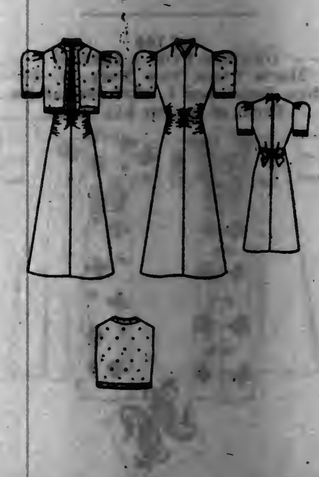
The ornamental design for a raincoat or similar article substantially as shown and described.

106,152
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Marcel Christian, New York, N. Y.
Application November 17, 1937, Serial No. 72,954
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, as shown and described.

106,153
DESIGN FOR A DRESS ENSEMBLE
Pauline Fraschia, New York, N. Y.
Application December 9, 1937, Serial No. 73,495
Term of patent 3½ years



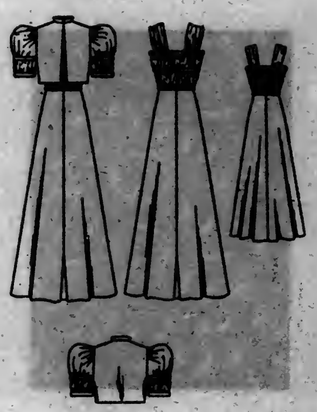
The ornamental design for a dress ensemble, substantially as shown.

106,154
DESIGN FOR A TEXTILE FABRIC
Jacob Gramowitz, New York, N. Y.
Application December 30, 1937, Serial No. 73,973
Term of patent 3½ years



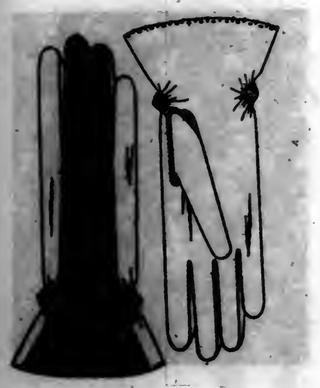
The ornamental design for a textile fabric, substantially as shown and described.

106,155
DESIGN FOR A DRESS ENSEMBLE
Mercedes Hall, New York, N. Y.
Application November 18, 1937, Serial No. 72,930
Term of patent 3½ years



The ornamental design for a dress ensemble, substantially as shown.

106,156
DESIGN FOR A GLOVE
Julius A. Higier, Gloversville, N. Y.
Application December 8, 1937, Serial No. 73,431
Term of patent 3½ years



The ornamental design for a glove, substantially as shown and described.

106,157
DESIGN FOR A TEXTILE FABRIC
Solomon Horowitz, New York, N. Y.
Application January 4, 1938, Serial No. 74,972
Term of patent 3½ years



The ornamental design for a textile fabric substantially as shown and described.

106,158
DESIGN FOR AN AGITATOR CAP
Thomas J. Litle, Jr., Syracuse, N. Y., assignor to Easy Washing Machine Corporation, Syracuse, N. Y., a corporation of Delaware
Application November 1, 1937, Serial No. 72,562
Term of patent 14 years



The ornamental design for an agitator cap substantially as shown.

106,159
DESIGN FOR A WRENCH OR THE LIKE
Sigmund Mandl, Milwaukee, Wis., assignor to Blackhawk Mfg. Co., Milwaukee, Wis., a corporation of Wisconsin
Application February 27, 1937, Serial No. 67,904
Term of patent 7 years



The ornamental design for a wrench or the like, as shown and described.

106,160
DESIGN FOR A DRESS
Marie Pesce, New York, N. Y.
Application December 4, 1937, Serial No. 73,367
Term of patent 3½ years



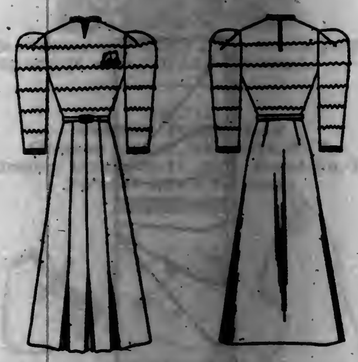
The ornamental design for a dress substantially as shown and described.

106,161
DESIGN FOR A TEXTILE FABRIC
Walter Rose, New York, N. Y.
Application December 20, 1937, Serial No. 73,976
Term of patent 3½ years



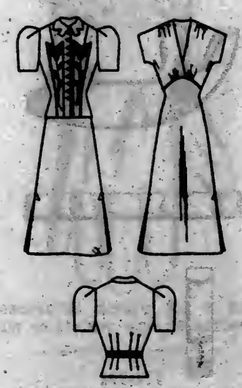
The ornamental design for a textile fabric substantially as shown and described.

106,162
DESIGN FOR A DRESS
Philip Schlossel, New York, N. Y.
Application December 4, 1937, Serial No. 73,249
Term of patent 3½ years



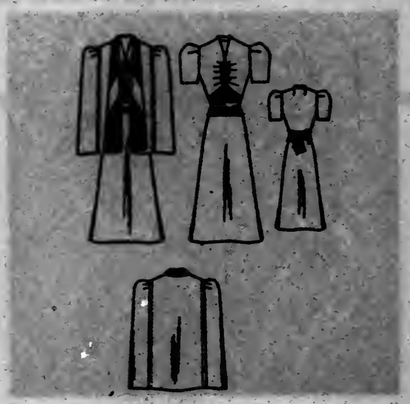
The ornamental design for a dress, substantially as shown, and described.

106,163
DESIGN FOR A DRESS ENSEMBLE
Marie Eileen Smith, New York, N. Y.
Application December 23, 1937, Serial No. 73,886
Term of patent 3½ years



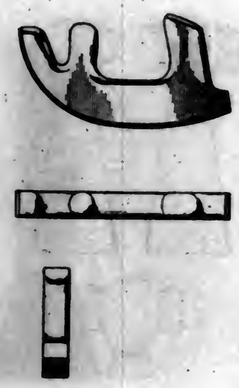
The ornamental design for a dress ensemble, substantially as shown, and described.

106,164
DESIGN FOR A DRESS ENSEMBLE
Marie Eileen Smith, New York, N. Y.
Application December 23, 1937, Serial No. 73,887
Term of patent 3½ years



The ornamental design for a dress ensemble, substantially as shown and described.

166,165
DESIGN FOR A FILE
Rocco Stephens, Folsom City, Calif.
Application September 8, 1937, Serial No. 71,567
Term of patent 7 years



The ornamental design for a file as shown.

166,166
DESIGN FOR A TEXTILE FABRIC
Mark Turpan, West New York, N. J.
Application December 27, 1937, Serial No. 73,881
Term of patent 3½ years



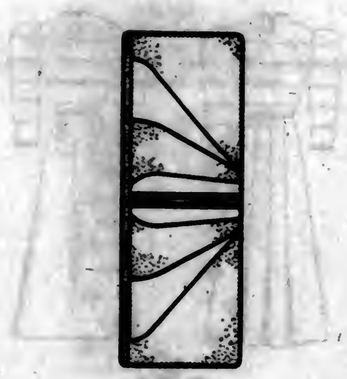
The ornamental design for a textile fabric substantially as shown.

166,167
DESIGN FOR A TEXTILE FABRIC
Mark Turpan, West New York, N. J.
Application December 27, 1937, Serial No. 73,882
Term of patent 3½ years



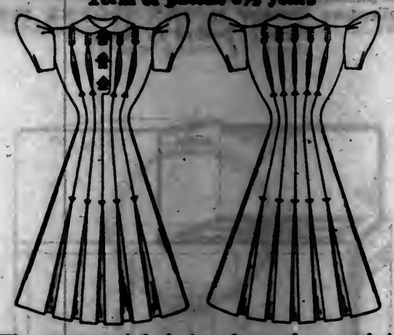
The ornamental design for a textile fabric substantially as shown.

166,168
DESIGN FOR A BILLFOLD
Herman B. Welch, West Bend, Wis., assignor to Amity Leather Products Co., West Bend, Wis., a corporation of Wisconsin
Application June 11, 1937, Serial No. 69,795
Term of patent 7 years



The ornamental design for a billfold, as shown and described.

166,169
DESIGN FOR A DRESS
Samuel M. Werber, University City, Mo.
Application December 3, 1937, Serial No. 73,335
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

166,170
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Arnold Zavell, New York, N. Y.
Application December 24, 1937, Serial No. 73,855
Term of patent 3½ years



The ornamental design for a textile fabric or similar article as shown and described.

166,171
DESIGN FOR A HAT
Gershon Ammiel, New York, N. Y.
Application December 11, 1937, Serial No. 73,539
Term of patent 3½ years



The ornamental design for a hat, substantially as shown.

166,172
DESIGN FOR A KNITTED GLOVE
Helen de Bosque, New York, N. Y.
Application December 20, 1937, Serial No. 73,723
Term of patent 3½ years



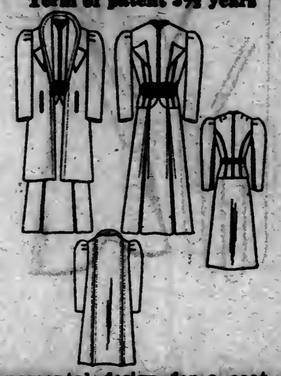
The ornamental design for a knitted glove, substantially as shown, and described.

166,173
DESIGN FOR A BLOUSE
Henriette de Bernard, St. Louis, Mo.
Application December 8, 1937, Serial No. 73,448
Term of patent 3½ years



The ornamental design for a blouse, substantially as shown, and described.

166,174
DESIGN FOR A COAT ENSEMBLE
Thomas di Prstero, New York, N. Y.
Application December 13, 1937, Serial No. 73,584
Term of patent 3½ years



The ornamental design for a coat ensemble, substantially as shown, and described.

168,175
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Robert E. Fatheriey, Darien, Conn., assignor to Yale Fabrics Corp., New York, N. Y.
Application December 23, 1937, Serial No. 73,832
Term of patent 3½ years



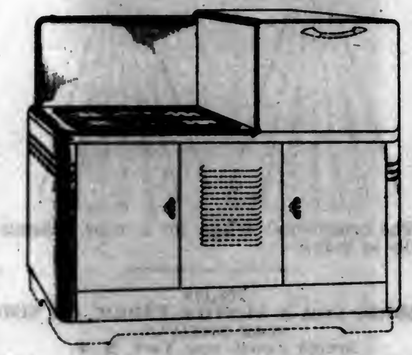
The ornamental design for a textile fabric or similar article as shown and described.

168,176
DESIGN FOR A GLOVE
Herman C. Heyman, New York, N. Y.
Application December 30, 1937, Serial No. 73,998
Term of patent 3½ years



The ornamental design for a glove, substantially as shown and described.

168,177
DESIGN FOR A RANGE
Rudolph Hoffmann, Rocky River, Ohio, assignor to American Stove Company, St. Louis, Mo., a corporation of New Jersey
Application October 28, 1937, Serial No. 72,485
Term of patent 14 years



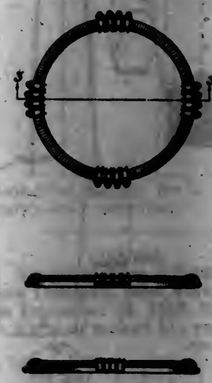
The ornamental design for a range as shown and described.

168,178
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Fred Jaske, Alameda, and Carl M. Johnson, San Francisco, Calif.; Alvina Jaeshke administratrix of said Fred Jaske, deceased
Application April 18, 1936, Serial No. 62,205
Term of patent 3½ years



The ornamental design for a brooch or similar article, substantially as shown.

168,179
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Fred Jaske, Alameda, and Carl M. Johnson, San Francisco, Calif.; Alvina Jaeshke administratrix of said Fred Jaske, deceased
Application April 18, 1936, Serial No. 62,206
Term of patent 3½ years



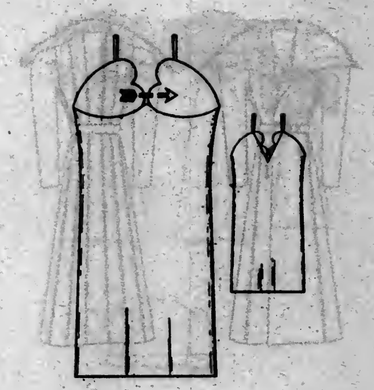
The ornamental design for a brooch or similar article, substantially as shown.

168,180
DESIGN FOR A TEXTILE FABRIC
Benjamin M. Kaufman, New York, N. Y.
Application December 14, 1937, Serial No. 73,604
Term of patent 3½ years



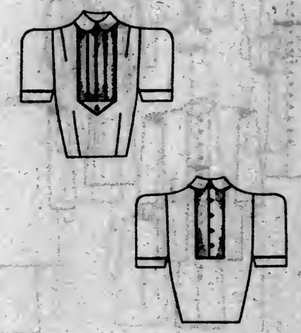
The ornamental design for a textile fabric substantially as shown and described.

168,181
DESIGN FOR A SLIP OR SIMILAR ARTICLE
David Levy, New York, N. Y.
Application December 17, 1937, Serial No. 73,678
Term of patent 7 years



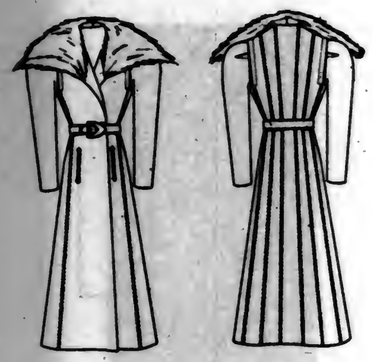
The ornamental design for a slip or similar article, as shown.

168,182
DESIGN FOR A BLOUSE
Sidney Levy, New York, N. Y.
Application December 28, 1937, Serial No. 73,896
Term of patent 3½ years



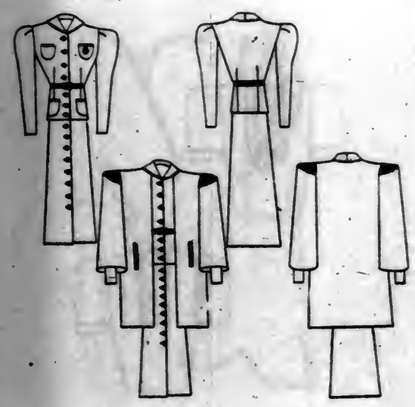
The ornamental design for a blouse substantially as shown and described.

166,183
DESIGN FOR A COAT
Isaac Marks, New York, N. Y.
Application December 30, 1937, Serial No. 73,997
Term of patent 3½ years



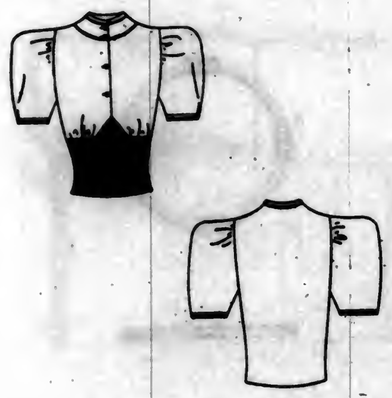
The ornamental design for a coat, substantially as shown and described.

166,184
DESIGN FOR A SUIT ENSEMBLE
Henry Miller, New York, N. Y.
Application November 22, 1937, Serial No. 73,664
Term of patent 3½ years



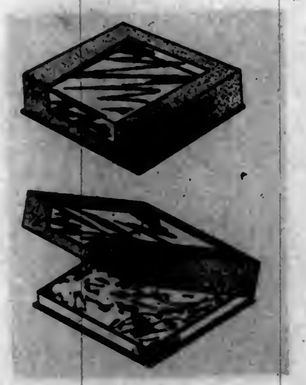
The ornamental design for a suit ensemble, substantially as shown.

166,185
DESIGN FOR A BLOUSE
Murray Pressluff, New York, N. Y.
Application January 4, 1938, Serial No. 74,068
Term of patent 3½ years



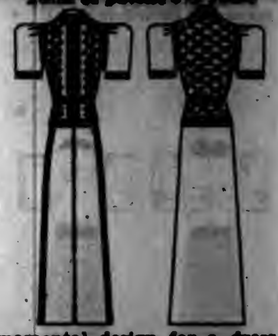
The ornamental design for a blouse, substantially as shown and described.

166,186
DESIGN FOR A DISPLAY BOX
Lewis Douglas Young, Providence, R. I., assignor to Douglas Young, Inc., a corporation of Rhode Island
Application December 11, 1937, Serial No. 73,542
Term of patent 14 years



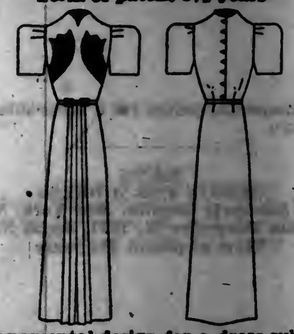
The ornamental design for a display box substantially as shown.

166,187
DESIGN FOR A DRESS
Tera Coleman, New York, N. Y.
Application December 20, 1937, Serial No. 73,975
Term of patent 3½ years



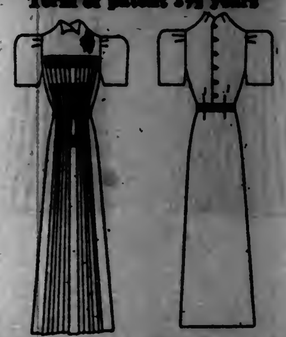
The ornamental design for a dress substantially as shown and described.

166,188
DESIGN FOR A DRESS
Tera Coleman, New York, N. Y.
Application December 28, 1937, Serial No. 73,893
Term of patent 3½ years



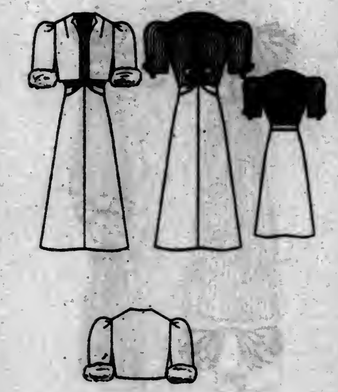
The ornamental design for a dress substantially as shown.

166,189
DESIGN FOR A DRESS
Tera Coleman, New York, N. Y.
Application December 28, 1937, Serial No. 73,895
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

166,190
DESIGN FOR A DRESS ENSEMBLE
Simon Etkin, New York, N. Y.
Application December 31, 1937, Serial No. 74,010
Term of patent 3½ years



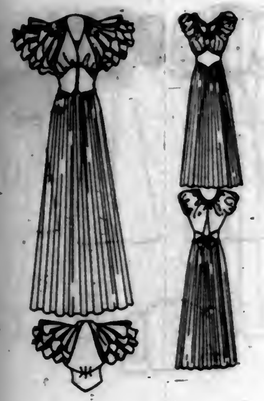
The ornamental design for a dress ensemble, substantially as shown.

166,191
DESIGN FOR A DRESS ENSEMBLE
Simon Etkin, New York, N. Y.
Application December 31, 1937, Serial No. 74,011
Term of patent 3½ years



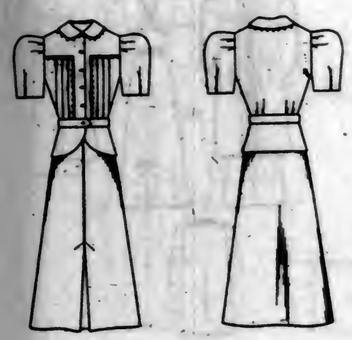
The ornamental design for a dress ensemble, substantially as shown.

106,192
DESIGN FOR A DRESS ENSEMBLE
Josh Greenman, New York, N. Y.
Application December 28, 1937, Serial No. 73,891
Term of patent 3½ years



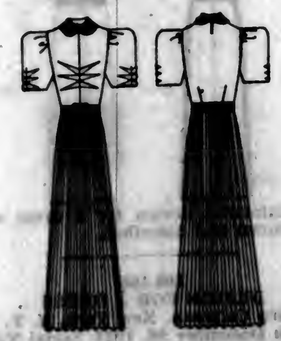
The ornamental design for a dress ensemble, substantially as shown.

106,193
DESIGN FOR A DRESS
Dorothy Lamis, New York, N. Y.
Application December 30, 1937, Serial No. 73,995
Term of patent 3½ years



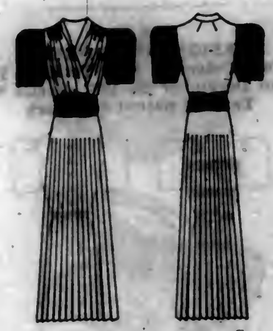
The ornamental design for a dress, substantially as shown.

106,194
DESIGN FOR A DRESS
Nan Schwartz Shedlin, New York, N. Y.
Application December 31, 1937, Serial No. 74,001
Term of patent 3½ years



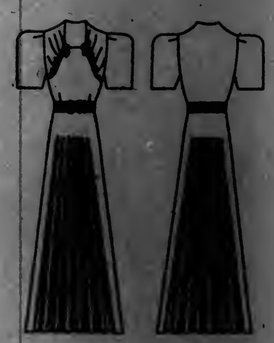
The ornamental design for a dress substantially as shown.

106,195
DESIGN FOR A DRESS
Nan Schwartz Shedlin, New York, N. Y.
Application December 31, 1937, Serial No. 74,002
Term of patent 3½ years



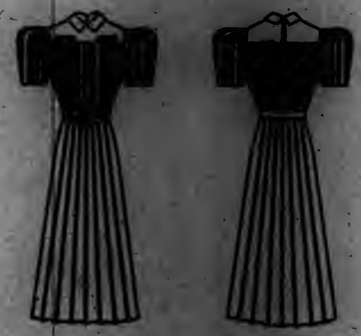
The ornamental design for a dress substantially as shown.

106,196
DESIGN FOR A DRESS
Nan Schwartz Shedlin, New York, N. Y.
Application December 31, 1937, Serial No. 74,003
Term of patent 3½ years



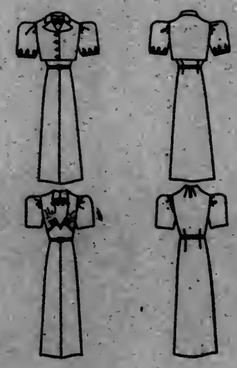
The ornamental design for a dress substantially as shown.

106,197
DESIGN FOR A DRESS
Marie Eileen Smith, New York, N. Y.
Application December 30, 1937, Serial No. 73,992
Term of patent 3½ years



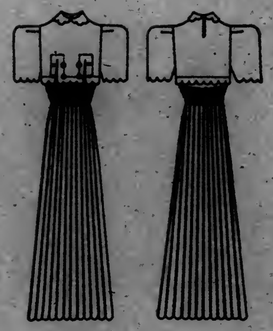
The ornamental design for a dress substantially as shown, and described.

106,198
DESIGN FOR A DRESS ENSEMBLE
Hannah Snyder, New York, N. Y.
Application December 30, 1937, Serial No. 73,974
Term of patent 3½ years



The ornamental design for a dress ensemble substantially as shown.

106,199
DESIGN FOR A DRESS
Hanna Snyder, New York, N. Y.
Application January 6, 1938, Serial No. 74,109
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

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V. 487
Feb. 1938

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[Decisions of the United States Court of Customs and Patent Appeals are indicated by a star (*); and of the Supreme Court of the United States by the letter (*).]

ERRATA

In the Official Gazette of February 22, 1938, page 705, under Labels, first column, No. 50,738, for "Tailored Glass Curtains, in Chifonese a Celanese Rayon Product for Curtains," Read *Tailored Glass Curtains, in Chifonese a Celanese Rayon Fabric for Curtains*; page vi List of Registrants of Labels, first column, and page ix, second column, No. 50,738, title of label, for the word Product read Fabric.

404694

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Alligator Company, The, St. Louis, Mo. Linings for garments. Serial No. 400,219; Feb. 1. Class 39.

American Renaissance Associates, Inc., White Plains, N. Y. Chairs. Serial No. 400,942; Feb. 1. Class 32.

American Rolling Mill Company, The, Middletown, Ohio. Iron or steel sheets. Serial No. 399,545; Feb. 1. Class 14.

Arden Farms, Inc., Los Angeles, Calif. Dairy products. Serial No. 391,604; Feb. 1. Class 46.

Armour, Charles, Inc., New York, N. Y. Clothing for women. Serial No. 399,418; Feb. 1. Class 39.

Barbaresco Brothers, Piraeus, Greece. Brandy and cordials. Serial No. 400,451; Feb. 1. Class 49.

Bell, William B., New York, N. Y. Electric dinner wagons. Serial No. 399,821; Feb. 1. Class 32.

Binney & Smith Co., New York, N. Y. Prepared carbon black. Serial Nos. 400,081-2; Feb. 1. Class 12.

Blue Seal Extract Company, Cambridge, Mass. Food flavors. Serial No. 399,118; Feb. 1. Class 46.

Borden Company, The, New York, N. Y. Butter. Serial No. 400,481; Feb. 1. Class 46.

Bergenicht Bros., Inc., New York, N. Y. Children's dresses. Serial No. 399,989; Feb. 1. Class 39.

Breadsuck, Inc., New York, N. Y. Razors, shears, scissors, etc. Serial No. 399,566; Feb. 1. Class 23.

Brownlee, H. E., assignor to The Orthodine Laboratories Incorporated, Cleveland, Ohio. Ointment, surgical dressing, and inhalant. Serial No. 399,746; Feb. 1. Class 6.

Bull, Wellington E., New York, N. Y. Water-proofing material. Serial No. 399,979; Feb. 1. Class 12.

Burns, Frederick M. E., New York, N. Y. Board games. Serial No. 400,946; Feb. 1. Class 22.

Byers, Lane S., Glendale, Calif. Ordnance. Serial No. 399,951; Feb. 1. Class 9.

Byers, Lane S., Glendale, Calif. High explosives. Serial No. 399,952; Feb. 1. Class 9.

California Consumers Corporation, Los Angeles, Calif. Canned citrus juice. Serial No. 399,790; Feb. 1. Class 46.

Capitol Wine & Spirit Corp., New York, N. Y. Whiskey. Serial No. 399,091; Feb. 1. Class 49.

Casein Company of America, Inc., New York, N. Y. Trade publication. Serial No. 399,498; Feb. 1. Class 38.

Center Music Stores, Inc., New York, N. Y. Phonograph records, phonographs, etc. Serial No. 396,731; Feb. 1. Class 36.

Clark, Charles A., doing business as C. A. Clark Co., Springfield, Mo. Artificial bait. Serial No. 400,589; Feb. 1. Class 22.

Continental Lithograph Corporation, Cleveland, Ohio. Prints, lithographs, posters, etc. Serial No. 393,480; Feb. 1. Class 38.

Convertors Paper Company, Newark, N. J. Hand operated cutters. Serial No. 399,401; Feb. 1. Class 23.

Cosmos Codes, New York, N. Y. Code books. Serial No. 396,701; Feb. 1. Class 38.

Crowell Publishing Company, The, New York, N. Y. Publication. Serial No. 399,402; Feb. 1. Class 38.

Debway Hats, Inc., New York, N. Y. Ladies' hats. Serial No. 399,640; Feb. 1. Class 39.

De Muir Laboratories. (See Gamble, George.)

E. Z. Walk Corporation, The, New York, N. Y. Foot powder and deodorants. Serial No. 400,191; Feb. 1. Class 6.

Eagle Lock Company, Terryville, Conn. Table game. Serial No. 401,136; Feb. 1. Class 22.

Earnest, Sima, Chicago, Ill. News strip. Serial No. 399,503; Feb. 1. Class 38.

Ever-Plastics Corporation, New York, N. Y. Plastic compounds. Serial No. 399,070; Feb. 1. Class 12.

Exchange Lemon Products Company, Corona, Calif. Concentrated citrus juices, citrus juice syrups, etc. Serial No. 400,293; Feb. 1. Class 46.

Fearn Laboratories, Inc., Chicago, Ill. Seasoning materials. Serial No. 398,765; Feb. 1. Class 46.

Firth-Sterling Steel Company, McKeesport, Pa. Lathe, planer, and boring tools, etc. Serial No. 399,134; Feb. 1. Class 23.

Fisk Rubber Corporation, The, Chicopee Falls, Mass. Vehicle tires and inner tubes. Serial No. 401,249; Feb. 1. Class 35.

Fleisher Yarns, Inc., New York, N. Y. Yarns. Serial No. 399,405; Feb. 1. Class 42.

Food Associates, Inc., Seattle, Wash. Frozen fresh peas. Serial No. 400,501; Feb. 1. Class 46.

Forstner Chain Corporation, Irvington, N. J. Wrist watch bracelets, watch chains, cuff links, etc. Serial No. 400,193; Feb. 1. Class 28.

Gamble, George, doing business as deMuir Laboratories, Boston, Mass. Facial pads. Serial No. 399,135; Feb. 1. Class 6.

Gem City Machines, Inc., Dayton, Ohio. Miniature shooting gallery. Serial No. 400,594; Feb. 1. Class 22.

General Beautilities. (See Tiernan, Mary.)

General Mills, Inc., Minneapolis, Minn. Flour. Serial No. 396,475; Feb. 1. Class 46.

Gilbert, John O., Chocolate Company, Jackson, Mich. Candy. Serial No. 399,705; Feb. 1. Class 46.

Goldberg & Van Praag, New York, N. Y. Handkerchiefs. Serial No. 399,230; Feb. 1. Class 39.

Goldman, Wm. P., & Bros., Inc., New York, N. Y. Men's suits and coats. Serial No. 399,661; Feb. 1. Class 39.

Gotfried, M. A., doing business as M. A. Gotfried Co., Santa Paula, Calif. Fresh carrots. Serial No. 397,077; Feb. 1. Class 46.

Granat, Joseph, doing business as Granat Bros., San Francisco, Calif. Finger rings. Serial No. 400,162; Feb. 1. Class 28.

Gunsow, Peter, New York, N. Y. Women's sport caps, hats, riding habits, etc. Serial No. 391,386; Feb. 1. Class 39.

Hauptman, M., Inc., New York, N. Y. Men's overcoats. Serial No. 399,762; Feb. 1. Class 39.

Hilker & Eletech Company, Cincinnati, Ohio. Feed supplement. Serial No. 399,187; Feb. 1. Class 46.

Hill, F. H., Company, Inc., Cleveland, Ohio. Burial caskets. Serial No. 400,641; Feb. 1. Class 2.

Honig, Jack L., Inc., New York, N. Y. Children's dresses. Serial No. 399,411; Feb. 1. Class 39.

Hubrite Informal Frocks, Inc., Boston, Mass. Dresses. Serial No. 400,344; Feb. 1. Class 39.

Human Relations, Inc., Chicago, Ill. Periodical. Serial No. 400,233; Feb. 1. Class 38.

Illinois Tool Works, Chicago, Ill. Cutting tools in connection with machine tools, milling cutters, planer tools, etc. Serial No. 399,684; Feb. 1. Class 23.

Jacobs Candy Company, Inc., New Orleans, La. Candy. Serial No. 396,357; Feb. 1. Class 46.

Jones, Leonard, doing business as Casey Jones, Los Angeles, Calif. Fresh citrus and deciduous fruits, fresh vegetables, and melons. Serial No. 400,014; Feb. 1. Class 46.

Kone Ja Silta O. Y.-Maskin Och Bro A. B., Helsingfors, Finland. Dairy machinery, parts thereof, and tools used in connection with said machinery. Serial No. 388,986; Feb. 1. Class 23.

Kress, S. H., and Company, New York, N. Y. Cakes, cookies, crackers, etc. Serial No. 400,977; Feb. 1. Class 46.

Landers, Frary & Clark, New Britain, Conn. Banana-knives, beef-knives, boning-knives, etc. Serial No. 398,994; Feb. 1. Class 23.

Lape, Irvin E., Lancaster, Ohio. Salve. Serial No. 398,775; Feb. 1. Class 6.

Larilab, New York, N. Y. Cosmetics. Serial No. 400,107; Feb. 1. Class 6.

Lancks, I. F., Inc., Seattle, Wash. Wood putty and wood filler. Serial No. 394,269; Feb. 1. Class 16.

Laymea, Herman B., doing business as World's Products Company, Spencer, Ind. Liquid preparation for correction of unpleasant breath. Serial No. 400,313; Feb. 1. Class 6.

Lebal Company of America, Ltd., San Francisco, Calif. Cod liver oil preparation. Serial No. 399,668; Feb. 1. Class 6.

Lee, Frank C., Grand Rapids, Mich. Sketches. Serial No. 380,953; Feb. 1. Class 38.

Levenson Company, The, Boston, Mass. Coats and suits. Serial No. 399,094; Feb. 1. Class 39.

Levine, Ethel, New York, N. Y. Ladies' and misses' dresses and suits. Serial No. 400,315; Feb. 1. Class 39.

Lima Cord Sole and Heel Company, The, Lima, Ohio. Soles and heels for boots and shoes. Serial No. 398,987; Feb. 1. Class 39.

Lucky Tiger Manufacturing Company, Kansas City, Mo. Medicated skin cream. Serial No. 396,684; Feb. 1. Class 6.

Mackintosh-Hemphill Company, Pittsburgh, Pa. Cast rolls of ferrous metal. Serial Nos. 400,560-2; Feb. 1. Class 14.

Mackintosh-Hemphill Company, Pittsburgh, Pa. Cast rolls of ferrous metal. Serial No. 400,844; Feb. 1. Class 14.

Macy, R. H., & Co., Inc., New York, N. Y. Aerial kits, radio tubes, electric percolators, etc. Serial No. 399,308; Feb. 1. Class 21.

Macy, R. H., & Co., Inc., New York, N. Y. Narrow elastic, tape, binding, etc. Serial No. 399,720; Feb. 1. Class 40.

Marble, James E., Delawanna, N. J. Guards. Serial No. 391,165; Feb. 1. Class 12.

Marlson & Rosenberg Co., Inc., New York, N. Y. Women's ready-to-wear apparel. Serial No. 398,970; Feb. 1. Class 39.

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Markwell Manufacturing Company, Inc., New York, N. Y. Playing cards. Serial Nos. 400,979–80; Feb. 1. Class 22.

Martin, Charles H., doing business as The Martin Timing Devices Company, Springfield, Mass. Parking meters. Serial No. 398,383; Feb. 1. Class 26.

McGraw Electric Company, Chicago, Ill., and St. Louis, Mo. Fuses and circuit makers and breakers. Serial No. 395,742; Feb. 1. Class 21.

McKesson, Martha F., doing business as McKesson Appliance Company, Toledo, Ohio. Gas administering apparatus and parts thereof. Serial No. 400,241; Feb. 1. Class 44.

Meier & Frank Company, Inc., Portland, Oreg. Skis, ski bindings, and ski poles. Serial No. 396,913; Feb. 1. Class 22.

Meyer, Ronald, doing business as Ronald Meyer Popcorn Co., Carnarvon, Iowa. Popcorn. Serial No. 400,429; Feb. 1. Class 46.

Meyer, Ronald, doing business as Ronald Meyer Popcorn Co., Carnarvon, Iowa. Canned popcorn. Serial No. 400,430; Feb. 1. Class 46.

Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Rubber heels and soles. Serial No. 396,972; Feb. 1. Class 29.

Modern Manufacturing Co., Inc., New York, N. Y. Cotton trenches. Serial No. 400,117; Feb. 1. Class 39.

Montgomery, Harley A., assignor to The H. A. Montgomery Co., Inc., Detroit, Mich. Paste or ointment base. Serial No. 395,554; Feb. 1. Class 6.

Morris & Company, Incorporated, Baltimore, Md. Uniforms for nurses, maids, etc., and aprons and house dresses. Serial No. 399,565; Feb. 1. Class 39.

Morris Machine Works, Baldwinsville, N. Y. Machinery, tools, and parts thereof. Serial No. 387,905; Feb. 1. Class 23.

National Breach & Machine Co., Detroit, Mich. Gear manufacturing equipment. Serial Nos. 396,267–9; Feb. 1. Class 23.

National Co-Operatives, Inc., Indianapolis, Ind. Ready mixed paints, varnishes, and paint enamels. Serial No. 400,119; Feb. 1. Class 16.

National Licorice Company, Brooklyn, N. Y. Licorice candy. Serial No. 399,804; Feb. 1. Class 46.

National Ribbon & Carbon Mfg. Co., Chicago, Ill. Carbon writing paper and typewriter ribbons. Serial No. 400,963; Feb. 1. Class 11.

Needle's Liquors, Inc., Baltimore, Md. Whiskey. Serial No. 400,610; Feb. 1. Class 49.

New Idea, Inc., Coldwater, Ohio. Manure spreaders, transplanters, corn pickers, etc. Serial No. 395,925; Feb. 1. Class 23.

New York & New Jersey Lubricant Company, New York, N. Y. Lubricating oils and greases. Serial No. 399,774; Feb. 1. Class 15.

Nichibei Shuzo Kabushiki Kaisha, Ltd., Hilo, Hawaii. Sake. Serial No. 396,326; Feb. 1. Class 47.

Old South Optical Company, Nashville, Tenn. Spectacle frames and spectacle mountings, etc. Serial No. 397,415; Feb. 1. Class 26.

Onyx Oil & Chemical Company, Jersey City, N. J. Chemical substance. Serial No. 399,976; Feb. 1. Class 6.

Ortholine Laboratories Incorporated. (See Brownlee, H. E., assignor.)

Parents' Institute, Inc., The, New York, N. Y. Publication. Serial No. 400,524; Feb. 1. Class 38.

Parfumerie Roger et Gallet Societe Anonyme, Paris, France. Perfumes, toilet powders, compacts, etc. Serial No. 399,422; Feb. 1. Class 6.

Park & Pollard Co., The, Buffalo, N. Y. Cattle feed. Serial No. 396,587; Feb. 1. Class 46.

Park & Pollard Co., The, Buffalo, N. Y. Calf meal. Serial No. 396,588; Feb. 1. Class 46.

Parkes, Josiah, & Sons, Limited, Willenhall, England. Locks. Serial No. 400,655; Feb. 1. Class 23.

Pepperell Braiding Company, East Pepperell, Mass. Yarns. Serial No. 399,105; Feb. 1. Class 43.

Pigeon Manufacturing Company, Coney Island, Brooklyn, N. Y. Bowling game. Serial No. 396,933; Feb. 1. Class 22.

Porcelain Metals, Inc., Long Island City, N. Y. Especially fabricated metal. Serial No. 400,027; Feb. 1. Class 12.

Potter Company, The, North Chicago, Ill. Publications. Serial No. 397,910; Feb. 1. Class 38.

Procter & Gamble Company, The, Cincinnati, Ohio. Shortening. Serial No. 397,867; Feb. 1. Class 46.

Professional Laboratories, Inc., New York, N. Y. Lactic acid. Serial No. 399,978; Feb. 1. Class 6.

Pure Cane Sugar Company, Inc., Cardenas, Cuba, and Dover, Del. Sugar. Serial No. 399,100; Feb. 1. Class 46.

Radio Corporation of America, New York, N. Y. Monthly pictorial magazine. Serial No. 396,740; Feb. 1. Class 38.

Reliable Merchandise Co. Inc., Chicago, Ill. Razor blades. Serial No. 394,960; Feb. 1. Class 23.

Rinaldi, Pasquale, doing business as Rinaldi Bros., New York, N. Y. Canned vegetables. Serial No. 396,336; Feb. 1. Class 46.

Rio Grande Valley Canning Company, Edinburg, Tex. Canned citrus fruit juices. Serial No. 400,029; Feb. 1. Class 46.

Roberts, J. H., & Co., Baltimore, Md. Boiled oatmeal. Serial No. 399,575; Feb. 1. Class 46.

Roth Silk Undergarment Company, New York, N. Y. Ladies' underwear. Serial No. 398,291; Feb. 1. Class 39.

Saks & Company, New York, N. Y. Women's shoes. Serial No. 399,733; Feb. 1. Class 39.

Samson Plaster Board Company, Buffalo, N. Y. Composition hardboard, semi-hardboard, and treated hardboard. Serial No. 396,379; Feb. 1. Class 12.

Selzer, Clarence F., New York, N. Y. Cosmetics. Serial No. 399,733; Feb. 1. Class 6.

Shurkatch Fishing Tackle Co. Inc., The, Richfield Springs, N. Y. Wood minnows, artificial bait, fishing rods, etc. Serial No. 394,729; Feb. 1. Class 22.

Sicelof Manufacturing Company, Lexington, N. C. Overalls, and work coats, shirts, and pants. Serial No. 400,042; Feb. 1. Class 39.

Smythe, Ray I., Portland, Oreg. Stock screens in pulp and paper making machinery. Serial No. 381,428; Feb. 1. Class 23.

Sobol Bros. Service Stations, Inc., New York, N. Y. Liquid auto engine cleaner. Serial No. 400,070; Feb. 1. Class 4.

Sphinx Chocolate Corporation, Brooklyn, N. Y. Candy. Serial Nos. 400,669–90; Feb. 1. Class 46.

Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Lubricating oils, flushing oils. Serial No. 399,685; Feb. 1. Class 15.

Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Cleaning solvents. Serial No. 399,686; Feb. 1. Class 4.

Style Garment Company Inc., Los Angeles, Calif. Ladies' cloaks, coats, and suits. Serial No. 399,861; Feb. 1. Class 39.

Sunflower Mills Inc., Indianola, Miss. Wheat flour. Serial No. 397,693; Feb. 1. Class 46.

Taormina Corporation, Donna, Tex. Canned vegetables. Serial No. 400,939; Feb. 1. Class 46.

Tierman, Mary, doing business as General Beautilities, New York, N. Y. Hair coloring preparation. Serial No. 400,175; Feb. 1. Class 6.

Tunesmith, The, Plymouth, Wis. Magazine. Serial No. 400,260; Feb. 1. Class 38.

United Distillers (of America), Ltd., Baltimore, Md. Whiskey, gin, rum, etc. Serial No. 399,869; Feb. 1. Class 49.

United States Products Corporation, Ltd., San Jose, Calif. Canned fruits and vegetables. Serial No. 400,265; Feb. 1. Class 46.

United States Products Corporation, Ltd., San Jose, Calif. Fruit juices. Serial No. 400,266; Feb. 1. Class 46.

Vanadium Corporation of America, Bridgeville, Pa. Deoxidising and graphitising alloy for cast iron. Serial No. 400,621; Feb. 1. Class 14.

Vita Var Corp., Newark, N. J. Paint enamel, spar varnish, and flat wall paint. Serial No. 400,542; Feb. 1. Class 16.

Wentzel, Robert A., Palmyra, Pa. Undergarments. Serial No. 399,388; Feb. 1. Class 39.

Wessel Bedding Company, Cincinnati, Ohio. Mattresses, pillows, box-springs, etc. Serial No. 401,168; Feb. 1. Class 32.

Whitman, Hyman L., Bridgewater, Mass. Arch supports. Serial No. 399,873; Feb. 1. Class 44.

Winter & Co., New York, N. Y. Pianos, organs. Serial No. 399,161; Feb. 1. Class 36.

Wolfson & Greenbaum, Inc., New York, N. Y. Dresses, blouses, and shirts. Serial No. 400,217; Feb. 1. Class 39.

World's Products Company. (See Layman, Herman B.)

Yellow Truck and Coach Manufacturing Company, Pontiac, Mich. Trailers and structural parts thereof. Serial No. 400,178; Feb. 1. Class 19.

Young America Dance Frocks, Inc., New York, N. Y. Frocks, dresses, and evening gowns. Serial No. 399,160; Feb. 1. Class 39.

LIST OF REGISTRANTS OF TRADE-MARKS

Acme Broom Company. (See Lindstrom, H. E.)

Alamo Fruit & Vegetable Exchange, Inc., Alamo, Tex. Fresh citrus fruits. 354,093; Feb. 1; Serial No. 399,618; published Aug. 17, 1937. Class 46.

Alms & Doepke Company, The, Cincinnati, Ohio. Sheets, pillow cases, shoetings, etc. 354,128; Feb. 1; Serial No. 397,312; published Nov. 23, 1937. Class 42.

American Exchange Cigar Company, New York, N. Y., assignor to The Detmer-Wenmer-Gilbert Corporation, Detroit, Mich. Cigars. 119,627; renewed Dec. 11, 1937.

American Oil Company, The, Baltimore, Md. Lubricating oils. 354,126; Feb. 1; Serial No. 397,742; published Nov. 16, 1937. Class 15.

Atlas Brewing Company, Chicago, Ill. Beer. 354,058; Feb. 1; Serial No. 397,510; published Nov. 23, 1937. Class 49.

Axton-Fisher Tobacco Company, The, Louisville, Ky. Cigarettes. 354,075; Feb. 1; Serial No. 395,262; published Nov. 16, 1937. Class 17.

Baby Service, Inc., Washington, D. C. Prepared infant foods. 354,057; Feb. 1; Serial No. 396,221; published Nov. 23, 1937. Class 46.

Beck, Koller & Co., Inc., Detroit, Mich. Resins, resin solutions, and oils. 354,155; Feb. 1; Serial No. 398,083; published Nov. 23, 1937. Class 16.

Bair, Arthur, & Co., Inc., New York, N. Y. Cotton piece goods. 354,145; Feb. 1; Serial No. 397,635; published Nov. 16, 1937. Class 42.

Bernstein, Joseph B., Chicago, Ill. Clothing for men and women. 354,124; Feb. 1; Serial No. 397,399; published Nov. 16, 1937. Class 39.

Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Woven textile rugs and carpets. 354,161; Feb. 1; Serial No. 398,374; published Nov. 23, 1937. Class 42.

Blumenthal, Stamey, & Co. Inc., New York, N. Y. Pile fabrics. 354,083; Feb. 1; Serial No. 393,635; published Nov. 23, 1937. Class 42.

Borgfeldt, Geo., Corporation, New York, N. Y. Dinner sets, breakfast sets, vases, etc. 354,070; Feb. 1; Serial No. 394,823; published Nov. 23, 1937. Class 30.

Brown-Camp Hardware Company, Des Moines, Iowa. Rope and cotton wrapping twine. 354,112; Feb. 1; Serial No. 397,176; published Nov. 23, 1937. Class 7.

Brown-Camp Hardware Company, Des Moines, Iowa. Carpet sweepers, wagons and coasting sleds. 354,113; Feb. 1; Serial No. 397,179; published Nov. 23, 1937. Class 22.

Brown-Saltman Upholstering Company, South Gate, Calif. Davenports, mattresses, love-seats, etc. 354,076; Feb. 1; Serial No. 395,270; published Nov. 23, 1937. Class 32.

Bunyan, Paul, Foods, Inc., Seattle, Wash. Canned fruits, vegetables, berries, etc. 354,090; Feb. 1; Serial No. 396,480; published Nov. 23, 1937. Class 46.

California Prune and Apricot Growers, Inc., assignors to California Prune & Apricot Growers Association, San Jose, Calif. Dried apricots and prunes. 121,593; renewed May 14, 1938.

Carlisle Packing Co., assignor to F. R. Chambers, Seattle, Wash. Canned salmon. 119,653; renewed Dec. 11, 1937.

Cave Springs Distillery Corporation, Inc., Wilder, Ky. Whiskey. 354,095; Feb. 1; Serial No. 396,024; published Nov. 23, 1937. Class 49.

Celanese Corporation of America, New York, N. Y. Piece goods. 354,134; Feb. 1; Serial No. 397,738; published Nov. 16, 1937. Class 42.

Central States Distributors, Inc., Chicago, Ill. Brandy. 354,167; Feb. 1; Serial No. 398,594; published Nov. 23, 1937. Class 49.

Chambers, F. R. (See Carlisle Packing Co., assignor.)

Chambersburg Engineering Company, Chambersburg, Pa. Stamping hammers and presses. 354,101; Feb. 1; Serial No. 394,902; published Nov. 23, 1937. Class 23.

Cherry Growers Packing Company, Traverse City, Mich. Canned fruits. 354,096; Feb. 1; Serial No. 395,512; published Aug. 24. Class 46.

Clairol, Inc., New York, N. Y. Bowl or receptacle. 354,067; Feb. 1; Serial No. 394,578; published Nov. 23, 1937. Class 4.

Clairol, Inc., New York, N. Y. Brushes. 354,068; Feb. 1; Serial No. 394,579; published Nov. 23, 1937. Class 29.

Classic Foundations, Inc., New York, N. Y. Corsets, brassières, and girdles. 354,073; Feb. 1; Serial No. 396,188; published Nov. 16, 1937. Class 39.

Commodore Woolen Co., New York, N. Y. Woolen fabrics in the piece. 354,132; Feb. 1; Serial No. 398,092; published Nov. 23, 1937. Class 42.

Concord Chenille Co., Inc., New York, N. Y. Piece goods. 354,097; Feb. 1; Serial No. 396,739; published Nov. 16, 1937. Class 42.

Continental Foods Corp., Los Angeles, Calif. Canned vegetables and fruits and canned creaming sauce. 354,122; Feb. 1; Serial No. 397,849; published Nov. 23, 1937. Class 46.

Copy Right Manufacturing Corporation, New York, N. Y. Mechanically operated copyholders. 354,074; Feb. 1; Serial No. 396,114; published Nov. 23, 1937. Class 23.

Cowen Bros., New York, N. Y. Wrist watch straps. 354,161; Feb. 1. Class 40.

Cranston Print Works Company, Cranston, R. I. Cotton piece goods. 354,126; Feb. 1; Serial No. 397,753; published Nov. 16, 1937. Class 42.

Crompton Company, West Warwick, R. I. Velvets. 354,098; Feb. 1; Serial No. 396,768; published Nov. 23, 1937. Class 42.

Crompton Company, West Warwick, R. I. Corduroy. 354,143; Feb. 1; Serial No. 397,540; published Nov. 16, 1937. Class 42.

Detroit-Wenmer-Gilbert Corporation, The. (See American Exchange Cigar Company, assignee.)

Denhalter Bottling Company, Salt Lake City, Utah. Beverages, and syrups and extracts for making the same. 354,151; Feb. 1; Serial No. 397,944; published Nov. 16, 1937. Class 45.

Dickson Highway Safety Marker, Inc., Orlando, Fla. Highway markers. 354,125; Feb. 1; Serial No. 397,402; published Nov. 16, 1937. Class 50.

Ditto, Incorporated, Chicago, Ill. Ink. 354,060; Feb. 1; Serial No. 396,240; published Nov. 23, 1937. Class 11.

Dormer, Frederic J., New York, N. Y. Ice and roller skates, snow shoes, skis, etc. 354,049; Feb. 1; Serial No. 388,636; published Nov. 23, 1937. Class 22.

Duophoto, Ltd., New York, N. Y. now by change of name, Duophoto Corporation. Photographic printing and copying machines, photographic paper, trays and drying devices. 354,087; Feb. 1; Serial No. 399,509; published Nov. 23, 1937. Class 26.

E. A. Laboratories, Inc., Brooklyn, N. Y. Hot water vehicle heaters and windshield wipers. 354,072; Feb. 1; Serial No. 394,629; published Nov. 23, 1937. Class 19.

Eagle-Ottawa Leather Company, Chicago, Ill., and Grand Haven, Mich. Leather. 354,078–9; Feb. 1; Serial Nos. 395,520–1; published Nov. 16, 1937. Class 1.

Electroline Company, Chicago, Ill. Electrical connectors. 354,170; Feb. 1. Class 21.

Everedy Company, The, Frederick, Md. Empty cigarette boxes. 354,114–5; Feb. 1; Serial Nos. 397,190–1; published Nov. 16, 1937. Class 8.

Finch, Joseph S., and Company, Schenley, Pa. Rum, whiskey, gin, etc. 354,158; Feb. 1; Serial No. 396,152; published Nov. 23, 1937. Class 49.

Florasynth Laboratories, Inc., New York, N. Y. Natural and synthetic organic products for flavoring extracts, oils, and blenders for alcoholic beverages. 351,154; Feb. 1; Serial No. 398,005; published Nov. 23, 1937. Class 49.

Gabriel, Saml., Sons & Company, New York, N. Y. Checkers. 354,159; Feb. 1; Serial No. 398,155; published Nov. 23, 1937. Class 22.

Garfinkel & Ritter, New York, N. Y. Chemises, panties, night-gowns, etc. 354,126; Feb. 1; Serial No. 397,436; published Nov. 16, 1937. Class 39.

General Fireproofing Co., The, Youngstown, Ohio. Chairs. 354,173; Feb. 1. Class 32.

General Motors Corporation, Detroit, Mich. Pumps and pumping apparatus and parts thereof. 354,092; Feb. 1; Serial No. 396,361; published Nov. 23, 1937. Class 23.

General Sports, Inc., Chicago, Ill. Golf balls. 354,164; Feb. 1; Serial No. 398,313; published Nov. 23, 1937. Class 22.

Gilda Audrey Products, Inc., New York, N. Y. Toilet preparations and cosmetics. 354,177; Feb. 1. Class 6.

Gordon-O'Neill Co., Inc., New York, N. Y. Whiskey. 354,060; Feb. 1; Serial No. 392,688; published Nov. 30, 1937. Class 49.

Haffenreffer & Co. (See New England Brewing Company, assignor.)

Harris, Jacob, doing business as The Majestic Pen Co., New York, N. Y. Fountain pens and pen and pencil sets. 354,044; Feb. 1; Serial No. 393,510; published Nov. 16, 1937. Class 37.

Harrison, Helen, Candies, Inc., Chicago, Ill. Candies. 354,173; Feb. 1. Class 46.

Hartog, Louis N., doing business as North Kensington Refinery, New York, N. Y. Malto-dextrine. 354,040; Feb. 1; Serial No. 371,098; published Nov. 23, 1937. Class 46.

Hat Corporation of America, Norwalk, Conn. Ladies' hats. 354,117; Feb. 1; Serial No. 397,237; published Nov. 16, 1937. Class 39.

Hausman, M., & Sons, New York, N. Y. Rayon and cotton goods. 354,140; Feb. 1; Serial No. 397,804; published Nov. 16, 1937. Class 42.

Heller, E., & Company, Chicago, Ill. Fruit flavored powdered concentrate. 354,040; Feb. 1; Serial No. 394,176; published Nov. 23, 1937. Class 46.

Highway Trailer Company, Edgerton, Wis. Trailer bodies. 354,169; Feb. 1; Serial No. 396,997; published Nov. 23, 1937. Class 19.

Holden, Edith S., New York, N. Y. Dolls. 354,166; Feb. 1; Serial No. 396,355; published Nov. 23, 1937. Class 22.

Hollander, Lewis H., doing business as L. H. Hollander & Co., New York, N. Y. Embroidered textile fabrics. 354,133; Feb. 1; Serial No. 397,664; published Nov. 23, 1937. Class 42.

Howard, Rex Z., Fort Worth, Tex. Infra-red and ultra-violet lamps, diathermy machines, etc. 354,059; Feb. 1; Serial No. 392,536; published Nov. 23, 1937. Class 44.

Illinois Brewing Company, Thornton, Ill. Lager beer. 354,165; Feb. 1; Serial No. 398,315; published Nov. 23, 1937. Class 46.

Johnson, Victor, & Company, Inc., San Francisco, Calif. Manila rope. 354,065; Feb. 1; Serial No. 393,987; published Nov. 23, 1937. Class 7.

Juillard, A. D., & Co. Inc., New York, N. Y. Corduroy and velveteen. 354,131; Feb. 1; Serial No. 397,510; published Nov. 16, 1937. Class 42.

Kanegafuchi Boseki Kabushiki Kwaisha, Mukojima-ku, Tokyo, Japan. Piece goods. 354,044; Feb. 1; Serial No. 379,245; published Nov. 16, 1937. Class 42.

Kelley Electric Machine Company, Buffalo, N. Y. Power apparatuses and/or power tools, and parts thereof. 354,176; Feb. 1. Class 23.

Knott, Wm. T., Company, Inc., New York, N. Y. Handbags, pocketbooks, purses, etc. 354,111; Feb. 1; Serial No. 397,131; published Nov. 23, 1937. Class 3.

Kobel, Georg, New York, N. Y. Ground cereal composition. 354,045; Feb. 1; Serial No. 383,132; published Nov. 23, 1937. Class 46.

Krueger Beverage Company, Newark, N. J. Root beer, root beer syrup, and root beer concentrate. 354,077; Feb. 1; Serial No. 395,420; published Nov. 16, 1937. Class 45.

Lake, W. J., & Company, Inc., Seattle, Wash. Lard. 354,102; Feb. 1; Serial No. 396,820; published Nov. 23, 1937. Class 46.

Liberty Research Laboratories, Inc., Farmingdale, N. Y. Power oil burners and/or parts thereof. 354,042; Feb. 1; Serial No. 374,371; published Nov. 23, 1937. Class 34.

Lindstrom, H. E., doing business as Acme Broom Company, Sedalia, Mo. Brooms. 354,160; Feb. 1; Serial No. 398,249; published Nov. 23, 1937. Class 29.

Lisner & Herbert, Inc., New York, N. Y. Woolen and wool mixture fabrics. 354,146; Feb. 1; Serial No. 397,905; published Nov. 16, 1937. Class 42.

Macy, R. H., & Co., Inc., New York, N. Y. Tennis rackets. 354,147; Feb. 1; Serial No. 397,944; published Nov. 16, 1937. Class 22.

Macy, R. H., & Co., Inc., New York, N. Y. Whiskey. 354,148; Feb. 1; Serial No. 397,947; published Nov. 23, 1937. Class 49.

Majestic Pen Co., The. (See Harris, Jacob.)

Mann, Arthur, Salinas, Calif. Fresh vegetables. 354,149; Feb. 1; Serial No. 397,948; published Nov. 23, 1937. Class 46.

Marcus & Wiesen Inc., New York, N. Y. Chin bands, make-up head bands, make-up shoulder bands, etc. 354,050; Feb. 1; Serial No. 390,461; published Nov. 23, 1937. Class 44.

Marks' Prize Recipe Foods, Baltimore, Md. Mayonnaise, thousand island dressing, salad dressing, etc. 354,103; Feb. 1; Serial No 396,824; published Nov. 23, 1937. Class 46.

Marmorstein, E., & Co., New York, N. Y. Clothing and accessories. 354,093; Feb. 1; Serial No. 396,415; published Nov. 16, 1937. Class 39.

Marshall Field & Company, Chicago, Ill. Rugs. 354,144; Feb. 1; Serial No. 397,855; published Nov. 16, 1937. Class 42.

Marvle Mills, Inc., New York, N. Y. Piece goods. 354,162; Feb. 1; Serial No. 398,285; published Nov. 23, 1937. Class 42.

Math-O-Lette Company, The. (See Skolnick, William.)

McKale's, Inc., Seattle, Wash. Lubricating oil. 354,088; Feb. 1; Serial No. 396,235; published Oct. 12, 1937. Class 15.

McLean, Andrew, Company, Passaic, N. J. Buckram in the piece. 354,127; Feb. 1; Serial No. 397,449; published Nov. 16, 1937. Class 42.

Mercoid Corporation, The, Chicago, Ill. Electric controls for electric switches, temperature operated switches, pressure operated electric switches, etc. 354,094; Feb. 1; Serial No. 396,417; published Nov. 23, 1937. Class 21.

Meyer, H. H., Packing Company, The, Cincinnati, Ohio. Hams. 354,060; Feb. 1; Serial No. 394,624; published Nov. 23, 1937. Class 46.

Midland Milling Company, The, assignor to The Midland Flour Milling Company, Kansas City, Mo. Wheat-flour. 119,748; renewed Dec. 11, 1937.

Midland Milling Company, The, a firm, assignor to Midland Milling Company, a corporation, assignor to The Midland Flour Milling Company, Kansas City, Mo. Wheat-flour. 120,278; renewed Jan. 20, 1938.

Milgrim Manufacturing Co., New York, N. Y. Negligees, pajamas, nightgowns, etc. 354,128; Feb. 1; Serial No. 397,450; published Nov. 16, 1937. Class 39.

National Fabrics Corporation, New York, N. Y. Piece goods. 354,156–7; Feb. 1; Serial Nos. 398,119–20; published Nov. 23, 1937. Class 42.

Nestlé's Milk Products, Inc., New York, N. Y. Cereal food for infants. 354,110; Feb. 1; Serial No. 396,963; published Nov. 23, 1937. Class 46.

New England Brewing Company, Jersey City, N. J., and Boston, Mass., assignor to Haffenreffer & Co., Inc., Boston, Mass. Chemicals, medicines, and pharmaceutical preparations. 121,034; renewed June 11, 1938.

Newsom Palmer & Co., New York, N. Y. Tea. 354,141; Feb. 1; Serial No. 397,814; published Nov. 23, 1937. Class 46.

North Kensington Refinery. (See Hartog, Louis N.)

Norton Company, Worcester, Mass. Abrading and grinding machines. 354,095; Feb. 1; Serial No. 396,469; published Nov. 23, 1937. Class 23.

Omega Shoe Polish Co., Los Angeles, Calif. Shoe cleaners. 354,175; Feb. 1. Class 4.

Oregon Waters Fly Co., Portland, Oreg. Trout flies. 354,137; Feb. 1; Serial No. 397,766; published Nov. 23, 1937. Class 22.

Osborn Paper Company, Marion, Ind. Writing-tablets, composition-books, student note-books, etc. 121,988; renewed June 11, 1938.

Oxnard Citrus Association, Huenume, Calif. Fresh citrus fruits. 354,179; Feb. 1. Class 46.

Pacific Distillers, Inc., Culver City, Calif. Solvent used for thinning purposes in the manufacture of paint. 354,096; Feb. 1; Serial No. 396,156; published Nov. 23, 1937. Class 16.

Painter, Joel T., Company, McKeesport, assignor, by mesne assignments, to The Watson Standard Company, Pittsburgh, Pa. Paints and painters' materials. 121,940; renewed June 11, 1938.

Park-Sherman Co., Chicago, Ill. Desk appointment pads. 354,107; Feb. 1; Serial No. 396,891; published Nov. 16, 1937. Class 37.

Parker Brothers, Inc., Portland, Maine, and Salem, Mass. Board game. 354,163; Feb. 1; Serial No. 398,288; published Nov. 23, 1937. Class 22.

Paulus Bros. Packing Co., Salem, Oreg. Canned fruit juices. 354,145; Feb. 1; Serial No. 397,863; published Nov. 23, 1937. Class 46.

Peck, Stow & Wilcox Company, The, Southington, Conn. Axes, hatchets, draw knives, etc. 354,062; Feb. 1; Serial No. 396,003; published Nov. 23, 1937. Class 23.

Peck, Stow & Wilcox Company, The, Southington, Conn. Awls, axes, bits, etc. 354,063; Feb. 1; Serial No. 396,005; published Nov. 23, 1937. Class 23.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Rayon piece goods. 354,152; Feb. 1; Serial No. 397,982; published Nov. 16, 1937. Class 42.

Pepperell Manufacturing Company, Boston, Mass. Textile fabrics in the piece, coverlets, etc. 354,138; Feb. 1; Serial No. 397,767; published Nov. 16, 1937. Class 42.

Phelan, Louis A. M., doing business as Pur-O-Mix Laboratories, Rockton, Ill. Mix with which to make malted milk, ice cream, etc. 354,091; Feb. 1; Serial No. 396,294; published Nov. 23, 1937. Class 46.

Photo-Cylinder Corporation, New York, N. Y. Etched printing plates and cylinders. 354,051; Feb. 1; Serial No. 389,659; published Nov. 16, 1937. Class 50.

Pierce, S. S., Co., Boston, Mass. Pipe tobacco. 354,084; Feb. 1; Serial No. 396,006; published Nov. 16, 1937. Class 17.

Premier-Pabst Corporation, Peoria Heights, Ill. Beer. 354,168; Feb. 1; Serial No. 398,637; published Nov. 23, 1937. Class 46.

Pullman Chemical Company, Camden, N. J. Chemical rust preventive; radiator stop-leak; etc. 354,171; Feb. 1. Class 6.

Pullman Chemical Company, Camden, N. J. Touch-up enamel, tire enamel, under-fender paint, etc. 354,172; Feb. 1. Class 16.

Pure Oil Company, The, Chicago, Ill. Liquid hydrocarbon motor fuels, lubricating oils, and lubricating greases. 354,043; Feb. 1; Serial No. 377,804; published Nov. 16, 1937. Class 15.

Pur-O-Mix Laboratories. (See Phelan, Louis A. M.)

Pyrene Manufacturing Company, Newark, N. J. Tractor tire chains. 354,118; Feb. 1; Serial No. 397,266; published Nov. 23, 1937. Class 13.

Py-Ro-Go, Inc., Chicago, Ill. Preparation for the treatment of pyorrhea. 354,041; Feb. 1; Serial No. 372,580; published Nov. 16, 1937. Class 6.

Resnick Bros. Ladies Handbags, Inc., New York, N. Y. Ladies' hand bags. 354,089 Feb. 1; Serial No. 396,238; published Nov. 23, 1937. Class 3.

Rideout, George R., doing business as Rollin Products Co., Chicago, Ill. Draftsman's drawing instruments and parts thereof. 354,053; Feb. 1; Serial No. 389,661; published Nov. 23, 1937. Class 24.

Rollin Products Co. (See Rideout, George R.)

Royal Manufacturing Company, The, Tulsa, Okla. Tool joint dressing. 354,061; Feb. 1; Serial No. 395,930; published Nov. 16, 1937. Class 15.

Saks & Company, New York, N. Y. Women's and misses' hats. 354,119; Feb. 1; Serial No. 397,269; published Nov. 16, 1937. Class 39.

Salmina, F., & Co., Larkmead Station, St. Helena, Calif. Wines. 354,080; Feb. 1; Serial No. 395,722; published Nov. 23, 1937. Class 47.

San Juan Islands Cannery, Friday Harbor, Wash. Canned vegetables—namely, peas. 354,072; Feb. 1; Serial No. 394,912; published Nov. 23, 1937. Class 46.

Seagram, Joseph E., & Sons, Inc., Lawrenceburg, Ind. Whiskey, brandy, gin, etc. 354,169; Feb. 1; Serial No. 358,860; published Feb. 26, 1935. Class 49.

Sears, Roebuck and Co., Chicago, Ill. Liquid fuel lamps. 354,104; Feb. 1; Serial No. 396,940; published Nov. 23, 1937. Class 34.

Sears, Roebuck and Co., Chicago, Ill. Cameras. 354,105; Feb. 1; Serial No. 396,941; published Nov. 23, 1937. Class 26.

Seminole Flavor Company, Chattanooga, Tenn. Beverages, and syrups for compounding the same. 354,055; Feb. 1; Serial No. 390,249; published June 1, 1937. Class 45.

Shellmar Products Company, Mount Vernon, Ohio. Curtains for windows. 354,099; Feb. 1; Serial No. 396,788; published Nov. 23, 1937. Class 32.

Shyvers, Kenneth C., doing business as Shyvers Monark Company, Chicago, Ill. Coin chutes. 354,049; Feb. 1; Serial No. 386,666; published Nov. 23, 1937. Class 23.

Skolnick, William, doing business as The Math-O-Lette Company, New Haven, Conn. Game apparatus. 354,123; Feb. 1; Serial No. 397,390; published Nov. 23, 1937. Class 22.

Societe des Etablissements Sucrasete, Societe Anonyme, Paris, France. Baiting paste for fishing. 354,046; Feb. 1; Serial No. 383,409; published Nov. 23, 1937. Class 22.

Southport Petroleum Company, Kilgore, Tex. Gasoline. 354,122; Feb. 1; Serial No. 397,387; published Nov. 16, 1937. Class 15.

Standard Brands Incorporated, New York, N. Y. Pudding and pie filling. 354,139–50; Feb. 1; Serial Nos. 397,459–60; published Nov. 23, 1937. Class 46.

Standard Garment Co. Inc., New York, N. Y. Dresses, outer skirts, blouses, etc. 354,061–2; Feb. 1; Serial Nos. 393,454–5; published Nov. 16, 1937. Class 39.

Stetter, Fritz C., New York, N. Y. Finger rings. 354,108; Feb. 1; Serial No. 396,902; published Nov. 2, 1937. Class 28.

Swank Products, Inc., Attleboro, Mass. Jewelry for personal wear. 354,174; Feb. 1. Class 28.

Tide Water Oil Company, Bayonne, N. J., and New York, N. Y., assignor, by mesne assignments, to Tide Water Associated Oil Company, New York, N. Y. Motor-spirits. 121,973; renewed June 11, 1938.

Titan Metal Company, Milesburg and Bellefonte, to Titan Metal Manufacturing Company, Bellefonte, Pa., successor. Bronzes, round, square, and hexagonal bronze bars, etc. 120,800; renewed Mar. 5, 1938.

Titan Metal Company, Milesburg and Bellefonte, to Titan Metal Manufacturing Company, Bellefonte, Pa. successor. Brass rods, naval brass, Munts's metal, and other brasses. 120,801; renewed Mar. 5, 1938.

Tru Tailored, Inc., New York, N. Y. Pajamas, negligees, nightgowns, etc. 354,120; Feb. 1; Serial No. 397,310; published Nov. 16, 1937. Class 39.

Union Fork & Hoe Company, The, Columbus, Ohio. Axes, cultivators, cutters, etc. 354,050; Feb. 1; Serial No. 388,876; published Nov. 23, 1937. Class 23.

Vimpep Foods, Inc., Cambridge, Md. Dog and cat food. 354,139; Feb. 1; Serial No. 397,781; published Nov. 23, 1937. Class 46.

Vitamin Cereal Co., The, Topeka, Kans. Cereal breakfast foods. 354,180; Feb. 1. Class 46.

Walker, Hiram, & Sons Inc., Peoria, Ill. Whiskey. 354,150; Feb. 1; Serial No. 397,958; published Nov. 23, 1937. Class 49.

Wamsutta Mills, New Bedford, Mass. Piece goods. 354,106; Feb. 1; Serial No. 396,850; published Nov. 23, 1937. Class 42.

Warren, S. D., Company, Boston, Mass. Interleaving paper. 354,100; Feb. 1; Serial No. 396,795; published Nov. 16, 1937. Class 37.

Watson Standard Company, The. (See Painter, Joel T., Company, assignor.)

Wintersmith Chemical Company, Louisville, Ky. Anti-malarial and general tonics. 121,995; renewed June 11, 1938.

Worth Undergarment Co., New York, N. Y. Slips, pajamas, gowns, etc. 354,047; Feb. 1; Serial No. 383,514; published Nov. 16, 1937. Class 39.

Wyott Manufacturing Corporation, The, Cheyenne, Wyo. Liquid dispensers. 354,074; Feb. 1; Serial No. 395,252; published Nov. 23, 1937. Class 23.

Zonite Products Corporation, New York, N. Y. Diaphragm pessary for vaginal use. 354,121; Feb. 1; Serial No. 397,318; published Nov. 23, 1937. Class 44.

LIST OF REGISTRANTS OF LABELS

Arkwright, Incorporated, New York, N. Y. More-Wear. For Clothing. 50,614; Feb. 1.

Bergman, Benj. B., Boston, Mass. Vassar Hats. For Hats. 50,615; Feb. 1.

Famous Products Company. (See Neumann, Morton G.)

Ledkote Products Company, Long Island City, N. Y. Heavy 25–30. For Lead Coated Copper Flat Sheets. 50,616; Feb. 1.

Ledkote Products Company, Long Island City, N. Y. 50 U. T. For Lead Coated Copper Flat Sheets. 50,617; Feb. 1.

Ledkote Products Company, Long Island City, N. Y. Standard. For Lead Coated Copper Flat Sheets. 50,618; Feb. 1.

Ledkote Products Company, Long Island City, N. Y. Heavy. For Lead Coated Copper Flat Sheets. 50,619; Feb. 1.

Ledkote Products Company, Long Island City, N. Y. Extra Heavy. For Lead Coated Copper Flat Sheets. 50,620; Feb. 1.

Ledkote Products Company, Long Island City, N. Y. 25. For Lead Coated Copper Flat Sheets. 50,621; Feb. 1.

Ledkote Products Company, Long Island City, N. Y. Extra Heavy 40–50. For Lead Coated Copper Flat Sheets. 50,622; Feb. 1.

Ledkote Products Company, Long Island City, N. Y. 12–15. Lead Coated Copper Flat Sheets. 50,623; Feb. 1.

Ledkote Products Company, Long Island City, N. Y. 40–50. For Lead Coated Copper Flat Sheets. 50,624; Feb. 1.

Ledkote Products Company, Long Island City, N. Y. 25–30. For Lead Coated Copper Flat Sheets. 50,625; Feb. 1.

Ledkote Products Company, Long Island City, N. Y. 15. For Lead Coated Copper Flat Sheets. 50,626; Feb. 1.

Ledkote Products Company, Long Island City, N. Y. Standard 12–15. For Lead Coated Copper Flat Sheets. 50,627; Feb. 1.

Malmquist, Emil K., doing business as Malmquist Canning Company, South Bellingham, Wash. Deming's Desire. For Apple Juice. 50,628; Feb. 1.

Malmquist, Emil K., doing business as Malmquist Canning Company, South Bellingham, Wash. Deming's Desire. For Sliced Apple Rings. 50,629; Feb. 1.

Neumann, Morton G., doing business as Famous Products Company, Chicago, Ill. Lucky Brown Hair Dressing. For Hair Dressing. 50,630; Feb. 1.

New York Mills Cooperative Creamery Association, New York Mills, Minn. Health-Glo. For Butter. 50,631; Feb. 1.

Northern California Wineries, San Francisco, Calif. Treasure Island. For Wines. 50,632; Feb. 1.

Standard Provision Co., Philadelphia, Pa. Red Leaf Brand. For Smoked Ham. 50,633; Feb. 1.

Tome, Theodore, Brooklyn, N. Y. Tome-Actic. For Liniment. 50,634; Feb. 1.

Challenge Cream & Butter Association, Los Angeles, Calif. Banner Evaporated Milk. For Evaporated Milk. 50,635; Feb. 1.

LIST OF REGISTRANTS OF PRINTS

General Mills, Inc., Minneapolis, Minn. Sugar and Spice and All That's Nice . . . In These Apple Dumplings! For Flour. 16,668; Feb. 1.

Hoffman, S. L., & Co., Inc., New York, N. Y. Lounge in Loveliness for Only $1.29. For Hostess Coats. 16,669; Feb. 1.

Hoffman, S. L., & Co., Inc., New York, N. Y. The Slim-A-Form. For Wraps. 16,670; Feb. 1.

Kolynos Company, The, New Haven, Conn. K2–38E. For Dental Cream. 16,671; Feb. 1.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Leather. Eagle-Ottawa Leather Company, 354,078–9; Feb. 1; Serial Nos. 395,530–1; published Nov. 16, 1937.

CLASS 2

Bowl or receptacle. Clairol, Inc. 354,067; Feb. 1. Serial No. 394,578; published Nov. 23, 1937.

CLASS 3

Hand bags, Ladies'. Resnick Bros. Ladies' Handbags, Inc. 354,089; Feb. 1; Serial No. 396,238; published Nov. 23, 1937.

Handbags, pocketbooks, purses, etc. Wm. T. Knott Company. 354,111; Feb. 1; Serial No. 397,131; published Nov. 23, 1937.

CLASS 4

Cleaners, Shoe. Omega Shoe Polish Co. 354,175; Feb. 1.

CLASS 6

Chemical rust preventive, radiator stop-leak, etc. Pullman Chemical Company. 354,171; Feb. 1.
Chemicals, medicines, and pharmaceutical preparations. New England Brewing Company. 121,934; renewed June 11, 1938.
Preparation for the treatment for pyorrhea. Py-Re-Co, Inc. 354,041; Feb. 1; Serial No. 372,580; published Nov. 16, 1937.
Toilet preparations and cosmetics. Gilda Audrey Products, Inc. 354,177; Feb. 1.
Tonics, Antimalarial and general. Wintersmith Chemical Company. 121,995; renewed June 11, 1938.

CLASS 7

Rope and cotton wrapping twine. Brown-Camp Hardware Company. 354,112; Feb. 1; Serial No. 397,176; published Nov. 23, 1937.
Rope, Manila. Victor Johnson & Company. 354,065; Feb. 1; Serial No. 393,987; published Nov. 23, 1937.

CLASS 8

Cigarette boxes, Empty. Eversdy Company. 354,114–5; Feb. 1; Serial Nos. 397,190–1; published Nov. 16, 1937.

CLASS 11

Ink. Ditto, Incorporated. 354,090; Feb. 1; Serial No. 396,249; published Nov. 23, 1937.

CLASS 13

Chains, Tractor tire. Pyrene Manufacturing Company. 354,118; Feb. 1; Serial No. 397,266; published Nov. 23, 1937.

CLASS 14

Bronzes, round, square, and hexagonal bronze bars, etc. Titan Metal Company. 120,800; renewed Mar. 5, 1938.
Rods, naval brass, Munts's metal, and other brasses, Brass. Titan Metal Company. 120,801; renewed Mar. 5, 1938.

CLASS 15

Dressing, Tool joint. Royal Manufacturing Company. 354,061; Feb. 1; Serial No. 395,930; published Nov. 16, 1937.
Fuels, lubricating oils, and lubricating greases, Liquid hydrocarbon motor. Pure Oil Company. 354,043; Feb. 1; Serial No. 377,804; published Nov. 16, 1937.
Gasoline. Southport Petroleum Company. 354,122; Feb. 1; Serial No. 397,337; published Nov. 16, 1937.
Motor-spirits. Tide Water Oil Company. 121,973; renewed June 11, 1938.
Oil, Lubricating. McKale's Inc. 354,088; Feb. 1; Serial No. 396,235; published Oct. 12, 1937.
Oils, Lubricating. American Oil Company. 354,135; Feb. 1; Serial No. 397,742; published Nov. 16, 1937.

CLASS 16

Enamel, tire enamel, under-fender paint, etc., Touch-up. Pullman Chemical Company. 354,172; Feb. 1.
Paints and painters' materials. Joel T. Painter Company. 121,940; renewed June 11, 1938.
Resins, resin solutions, and oils. Beck, Koller & Co. 354,155; Feb. 1; Serial No. 396,062; published Nov. 23, 1937.
Solvent used for thinning purposes in the manufacture of paint. Pacific Distillers, Inc. 354,096; Feb. 1; Serial No. 396,156; published Nov. 23, 1937.
Cigarettes. Axton-Fisher Tobacco Company. 354,075; Feb. 1; Serial No. 395,262; published Nov. 16, 1937.
Cigars. American Exchange Cigar Company. 119,627; renewed Dec. 11, 1937.
Tobacco, Pipe. S. S. Pierce Co. 354,084; Feb. 1; Serial No. 396,006; published Nov. 16, 1937.

CLASS 19

Heaters and windshield wipers, Hot water vehicle. E. A. Laboratories, Inc. 354,071; Feb. 1; Serial No. 394,829; published Nov. 23, 1937.
Trailer bodies. Highway Trailer Company. 354,109; Feb. 1; Serial No. 396,957; published Nov. 23, 1937.

CLASS 21

Electric controls for electric switches, temperature operated electric switches, pressure operated electric switches, etc. Mercoid Corporation. 354,094; Feb. 1; Serial No. 396,417; published Nov. 23, 1937.
Electrical connectors. Electroline Company. 354,170; Feb. 1.

CLASS 22

Baiting paste for fishing. Societe des Etablissements Sacrasate, Societe Anonyme. 354,046; Feb. 1; Serial No. 393,406; published Nov. 23, 1937.
Balls, Golf. General Sports, Inc. 354,164; Feb. 1; Serial No. 398,313; published Nov. 23, 1937.
Checkers. Samal, Gabriel Sons & Company. 354,159; Feb. 1; Serial No. 396,155; published Nov. 23, 1937.
Dolls. E. S. Holden. 354,166; Feb. 1; Serial No. 396,355; published Nov. 23, 1937.
Flies, Trout. Oregon Waters Fly Co. 354,137; Feb. 1; Serial No. 397,766; published Nov. 23, 1937.
Game apparatus. W. Skolnick. 354,123; Feb. 1; Serial No. 397,290; published Nov. 23, 1937.
Game, Board. Parker Brothers, Inc. 354,163; Feb. 1; Serial No. 398,285; published Nov. 23, 1937.
Skates, snow shoes, skis, etc., Ice and roller. F. J. Dormer. 354,048; Feb. 1; Serial No. 388,636; published Nov. 23, 1937.
Tennis rackets. R. H. Macy & Co. 354,147; Feb. 1; Serial No. 397,944; published Nov. 16, 1937.
Wagons and coasting sleds, Coaster. Brown-Camp Hardware Company. 354,113; Feb. 1; Serial No. 397,179; published Nov. 23, 1937.

CLASS 23

Abrading and grinding machines. Norton Company. 354,095; Feb. 1; Serial No. 396,469; published Nov. 23, 1937.
Awls, axes, bits, etc. Peck, Stow & Wilcox Company. 354,063; Feb. 1; Serial No. 396,005; published Nov. 23, 1937.
Axes, cultivators, cutters, etc. Union Fork & Hoe Company. 354,050; Feb. 1; Serial No. 388,816; published Nov. 23, 1937.
Axes, hatchets, draw knives, etc. Peck, Stow & Wilcox Company. 354,062; Feb. 1; Serial No. 396,003; published Nov. 23, 1937.
Chutes, Coin. K. C. Stevens. 354,049; Feb. 1; Serial No. 386,666; published Nov. 23, 1937.
Copyholders, Mechanically operated. Copy Right Manufacturing Corporation. 354,054; Feb. 1; Serial No. 390,114; published Nov. 23, 1937.
Hammers and presses, Stamping. Chambersburg Engineering Company. 354,101; Feb. 1; Serial No. 396,802; published Nov. 23, 1937.
Liquid dispensers. Wyett Manufacturing Corporation. 354,074; Feb. 1; Serial No. 395,262; published Nov. 23, 1937.
Power apparatuses and/or power tools, and parts thereof. Kelley Electric Machine Company. 354,176; Feb. 1.
Pumps and pumping apparatus and parts thereof. General Motors Corporation. 354,092; Feb. 1; Serial No. 396,361; published Nov. 23, 1937.

CLASS 26

Cameras. Sears, Roebuck and Co. 354,105; Feb. 1; Serial No. 396,841; published Nov. 23, 1937.
Drawing instruments and parts thereof. Draftsman's. O. R. Rideout. 354,052; Feb. 1; Serial No. 389,661; published Nov. 23, 1937.
Photographic printing and copying machines, photographic paper, trays and drying devices. Dupphoto, Ltd. 354,057; Feb. 1; Serial No. 390,509; published Nov. 23, 1937.

CLASS 28

Jewelry for personal wear. Swank Products, Inc. 354,174; Feb. 1.
Rings, Finger. F. C. Stetter. 354,106; Feb. 1; Serial No. 396,902; published Nov. 2, 1937.

CLASS 29

Brooms. H. M. Lindstrom. 354,160; Feb. 1; Serial No. 398,249; published Nov. 23, 1937.
Brushes, Clairol, Inc. 354,068; Feb. 1; Serial No. 394,579; published Nov. 23, 1937.

CLASS 30

Dinner sets, breakfast sets, vases, etc. Geo. Borgfeldt Corporation. 354,070; Feb. 1; Serial No. 394,823; published Nov. 23, 1937.

CLASS 32

Chairs. General Fireproofing Co. 354,178; Feb. 1.
Curtains for windows. Shellmar Products Company. 354,089; Feb. 1; Serial No. 396,789; published Nov. 23, 1937.
Davenports, mattresses, love-seats, etc. Brown-Saltman Upholstering Company. 354,076; Feb. 1; Serial No. 395,270; published Nov. 23, 1937.

CLASS 34

Burners and/or parts thereof, Power oil. Liberty Research Laboratories, Inc. 354,042; Feb. 1; Serial No. 374,371; published Nov. 23, 1937.
Lamps, Liquid fuel. Sears, Roebuck and Co. 354,104; Feb. 1; Serial No. 396,840; published Nov. 23, 1937.

CLASS 37

Pads, Desk appointment. Park-Sherman Co. 354,107; Feb. 1; Serial No. 396,891; published Nov. 16, 1937.
Paper, Interleaving. S. D. Warren Company. 354,100; Feb. 1; Serial No. 396,795; published Nov. 16, 1937.
Pens, and pen and pencil sets, Fountain. J. Harris. 354,064; Feb. 1; Serial No. 393,910; published Nov. 16, 1937.
Tablets, composition-books, student note-books, etc., Writing. Osborn Paper Company. 121,938; renewed June 11, 1938.

CLASS 39

Chemises, panties, night-gowns, etc. Garfinkel & Ritter. 354,126; Feb. 1; Serial No. 397,436; published Nov. 16, 1937.

Clothing and accessories. E. Marmorstein & Co. 354,093; Feb. 1; Serial No. 396,415; published Nov. 16, 1937.
Clothing for men and women. J. R. Bernstein. 354,129; Feb. 1; Serial No. 397,399; published Nov. 16, 1937.
Corsets, brassières, and girdles. Classic Foundations, Inc. 354,073; Feb. 1; Serial No. 395,189; published Nov. 16, 1937.
Dresses, outer skirts, blouses, etc. Standard Garment Co. Inc. 354,061–2; Feb. 1; Serial Nos. 393,484–5; published Nov. 16, 1937.
Hats, Ladies'. Hat Corporation of America. 354,117; Feb. 1; Serial No. 397,237; published Nov. 16, 1937.
Hats, Women's and misses'. Adler & Company. 354,119; Feb. 1; Serial No. 397,340; published Nov. 16, 1937.
Nightgowns, pajamas, pinafores, etc. Milgrim Manufacturing Co. 354,125; Feb. 1; Serial No. 397,435; published Nov. 16, 1937.
Pajamas, negligees, nightgowns, etc. Tru Tailored, Inc. 354,120; Feb. 1; Serial No. 397,320; published Nov. 16, 1937.
Slips, pajamas, gowns, etc. Worth Undergarment Co. 354,047; Feb. 1; Serial No. 383,614; published Nov. 16, 1937.

CLASS 40

Straps, Wrist watch. Cowan Bros. 354,181; Feb. 1.

CLASS 42

Buckram, in the piece. Andrew McLean Company. 354,127; Feb. 1; Serial No. 397,449; published Nov. 16, 1937.
Corduroy. Crompton Company. 354,143; Feb. 1; Serial No. 397,840; published Nov. 16, 1937.
Corduroy and velveteen. A. D. Juilliard & Co. Inc. 354,131; Feb. 1; Serial No. 397,510; published Nov. 16, 1937.
Cotton piece goods. Arthur Beir & Co. 354,142; Feb. 1; Serial No. 397,685; published Nov. 16, 1937.
Cotton piece goods. Cranston Print Works Company. 354,136; Feb. 1; Serial No. 397,753; published Nov. 16, 1937.
Fabrics, Embroidered textile. L. H. Hollander. 354,133; Feb. 1; Serial No. 397,644; published Nov. 23, 1937.
Fabrics in the piece, coverlets, etc., Textile. Pepperell Manufacturing Company. 354,126; Feb. 1; Serial No. 397,767; published Nov. 16, 1937.
Fabrics, Pile. Sidney Blumenthal Co. Inc. 354,063; Feb. 1; Serial No. 393,688; published Nov. 23, 1937.
Piece goods. Celanese Corporation of America. 354,134; Feb. 1; Serial No. 397,738; published Nov. 16, 1937.
Piece goods. Concord Chenille Co. 354,007; Feb. 1; Serial No. 396,783; published Nov. 16, 1937.
Piece goods. Kanegafuchi Boseki Kabushiki Kwaisha. 354,044; Feb. 1; Serial No. 379,245; published Nov. 16, 1937.
Piece goods. Marvio Mills, Inc. 354,162; Feb. 1; Serial No. 398,285; published Nov. 23, 1937.
Piece goods. National Fabrics Corporation. 354,156–7; Feb. 1; Serial Nos. 398,119–20; published Nov. 23, 1937.
Piece goods. Wamsutta Mills. 354,106; Feb. 1; Serial No. 396,850; published Nov. 23, 1937.
Rayon and cotton goods. M. Hausman & Sons. 354,140; Feb. 1; Serial No. 397,804; published Nov. 16, 1937.
Rayon piece goods. J. C. Penney Company. 354,152; Feb. 1; Serial No. 397,962; published Nov. 16, 1937.
Rugs. Marshall Field & Company. 354,144; Feb. 1; Serial No. 397,855; published Nov. 16, 1937.
Rugs and carpets, Woven textile. Bigelow-Sanford Carpet Co. Inc. 354,161; Feb. 1; Serial No. 398,274; published Nov. 23, 1937.
Sheets, pillow cases, sheetings, etc. Alms & Doepke Company. 354,116; Feb. 1; Serial No. 397,212; published Nov. 23, 1937.
Velvets. Crompton Company. 354,096; Feb. 1; Serial No. 396,763; published Nov. 23, 1937.
Woolen and wool mixture fabrics. Linker & Herbert, Inc. 354,146; Feb. 1; Serial No. 397,905; published Nov. 16, 1937.
Woolen fabrics in the piece. Commodore Woolen Co. 354,153; Feb. 1; Serial No. 398,002; published Nov. 23, 1937.

CLASS 44

Chin bands, make-up head bands, make-up shoulder bands, etc. Marcus & Wiesen Inc. 354,056; Feb. 1; Serial No. 390,461; published Nov. 23, 1937.
Lamps, diathermy machines, etc., Infra-red and ultra-violet. E. E. Howard. 354,059; Feb. 1; Serial No. 392,536; published Nov. 23, 1937.
Pessary for vaginal use, Diaphragm. Zonite Products Corporation. 354,121; Feb. 1; Serial No. 397,318; published Nov. 23, 1937.

CLASS 45

Beer, root beer syrup and root beer concentrate, Root. Krueger Beverage Company. 354,077; Feb. 1; Serial No. 396,420; published Nov. 16, 1937.
Beverages and syrups and extracts for making the same. Denhalter Bottling Company. 354,151; Feb. 1; Serial No. 397,964; published Nov. 16, 1937.
Beverages sold as soft drinks, and syrups for compounding the same. Seminole Flavor Company. 354,055; Feb. 1; Serial No. 390,240; published June 1, 1937.

CLASS 46

Apricots and prunes, Dried. California Prune and Apricot Growers, Inc. 121,593; renewed May 14, 1938.
Candies. Helen Harrison Candies, Inc. 354,173; Feb. 1.
Canned fruit juices. Paulus Bros. Packing Co. 354,145; Feb. 1; Serial No. 397,863; published Nov. 23, 1937.
Canned fruits. Cherry Growers Packing Company. 354,099; Feb. 1; Serial No. 395,512; published Aug. 24, 1937.
Canned fruits, vegetables, berries, etc. Pearl Dunyan Foods, Inc. 354,097; Feb. 1; Serial No. 396,499; published Nov. 23, 1937.
Canned salmon. Carlisle Packing Co. 119,653; renewed Dec. 11, 1937.
Canned vegetables and fruits and canned creaming sauce. Continental Foods Corp. 354,132; Feb. 1; Serial No. 397,649; published Nov. 23, 1937.
Canned vegetables—namely, peas. San Juan Islands Canneries. 354,072; Feb. 1; Serial No. 394,912; published Nov. 23, 1937.
Cereal breakfast foods. Vitamin Cereal Co. 354,180; Feb. 1.
Cereal composition, Ground. G. Kobel. 354,045; Feb. 1; Serial No. 393,132; published Nov. 23, 1937.
Cereal food for infants. Nestle's Milk Products, Inc. 354,110; Feb. 1; Serial No. 396,966; published Nov. 23, 1937.
Concentrate, Fruit flavored powdered. B. Heller & Company. 354,066; Feb. 1; Serial No. 394,176; published Nov. 23, 1937.
Flour, Wheat. Midland Milling Company. 119,748; renewed Dec. 11, 1937.
Flour, Wheat. Midland Milling Company. 120,278; renewed Jan. 29, 1938.
Food, Dog and cat. Wimpep Foods Inc. 354,128; Feb. 1; Serial No. 397,781; published Nov. 23, 1937.
Foods, Prepared infant. Baby Service, Inc. 354,067; Feb. 1; Serial No. 396,221; published Nov. 23, 1937.
Fruits, Fresh citrus. Alamo Fruit & Vegetable Exchange, Inc. 354,053; Feb. 1; Serial No. 389,813; published Aug. 17, 1937.
Fruits, Fresh citrus. Oxnard Citrus Association. 354,179; Feb. 1.
Hams. H. H. Meyer Packing Company. 354,060; Feb. 1; Serial No. 394,624; published Nov. 23, 1937.
Lard. W. J. Lake & Company. 354,102; Feb. 1; Serial No. 396,820; published Nov. 23, 1937.
Mayonnaise, thousand island dressing, salad dressing, etc. Marks' Prize Recipe Foods. 354,103; Feb. 1; Serial No. 396,824; published Nov. 23, 1937.
Mix with which to make malted milk, ice cream, etc. L. A. M. Phelan. 354,091; Feb. 1; Serial No. 396,294; published Nov. 23, 1937.
Pudding and pie filling. Standard Brands Incorporated. 354,129–30; Feb. 1; Serial Nos. 397,450–60; published Nov. 23, 1937.
Tea. Newsom Palmer & Co. 354,141; Feb. 1; Serial No. 397,814; published Nov. 23, 1937.
Vegetables, Fresh. A. Mann. 354,149; Feb. 1; Serial No. 397,948; published Nov. 23, 1937.

CLASS 47

Wines. F. Salmina & Co. 354,080; Feb. 1; Serial No. 395,722; published Nov. 23, 1937.

CLASS 48

Beer. Atlas Brewing Company. 354,058; Feb. 1; Serial No. 391,510; published Nov. 23, 1937.
Beer. Premier-Pabst Corporation. 354,168; Feb. 1; Serial No. 398,037; published Nov. 23, 1937.
Beer, Lager. Illinois Brewing Company. 354,165; Feb. 1; Serial No. 398,315; published Nov. 23, 1937.
Malto-dextrine. L. N. Hartog. 354,040; Feb. 1; Serial No. 371,098; published Nov. 23, 1937.

CLASS 49

Brandy. Central States Distributors, Inc. 354,167; Feb. 1; Serial No. 398,524; published Nov. 23, 1937.
Organic products for flavoring extracts, oils and blenders for alcoholic beverages, Natural and synthetic. Florasynth Laboratories, Inc. 354,154; Feb. 1; Serial No. 398,005; published Nov. 23, 1937.
Rum, whiskey, gin, etc. Joseph S. Finch and Company. 354,158; Feb. 1; Serial No. 398,152; published Nov. 23, 1937.
Whiskey. Cave Springs Distillery Corporation. 354,085; Feb. 1; Serial No. 396,024; published Nov. 23, 1937.
Whiskey. Gordon-O'Neill Co. 354,060; Feb. 1; Serial No. 392,685; published Nov. 30, 1937.
Whiskey. R. H. Macy & Co. 354,148; Feb. 1; Serial No. 397,947; published Nov. 23, 1937.
Whiskey. Hiram Walker & Sons Inc. 354,150; Feb. 1; Serial No. 397,958; published Nov. 23, 1937.
Whiskey, brandy, gin, etc. Joseph E. Seagram & Sons, Inc. 354,169; Feb. 1; Serial No. 358,860; published Feb. 26, 1935.

CLASS 50

Markers, Highway. Dickson Highway Safety Marker, Inc. 354,125; Feb. 1; Serial No. 397,402; published Nov. 16, 1937.
Printing plates and cylinders, Etched. Photo-Cylinder Corporation. 354,051; Feb. 1; Serial No. 389,650; published Nov. 16, 1937.

LIST OF LABELS

Banner Evaporated Milk. For Evaporated Milk. Challenge Cream & Butter Association. 50,635; Feb. 1.
Deming's Desire. For Apple Juice. E. K. Malmquist. 50,628; Feb. 1.
Deming's Desire. For Sliced Apple Rings. E. K. Malmquist. 50,629; Feb. 1.
Extra Heavy. For Lead Coated Copper Flat Sheets. Ledkote Products Company. 50,620; Feb. 1.
Extra Heavy 40–50. For Lead Coated Copper Flat Sheets. Ledkote Products Company. 50,622; Feb. 1.
15. For Lead Coated Copper Flat Sheets. Ledkote Products Company. 50,626; Feb. 1.
50 U. T. For Lead Coated Copper Flat Sheets. Ledkote Products Company. 50,617; Feb. 1.
40–50. For Lead Coated Copper Flat Sheets. Ledkote Products Company. 50,624; Feb. 1.
Health-Glo. For Butter. New York Mills Cooperative Creamery Association. 50,631; Feb. 1.
Heavy. For Lead Coated Copper Flat Sheets. Ledkote Products Company. 50,619; Feb. 1.
Heavy 25–30. For Lead Coated Copper Flat Sheets. Ledkote Products Company. 50,616; Feb. 1.
Lucky Brown Hair Dressing. For Hair Dressing. M. G. Neumann. 50,630; Feb. 1.
More-Wear. For Clothing. Arkwright, Incorporated. 50,614; Feb. 1.
Red Leaf Brand. For Smoked Ham. Standard Provision Co. 50,633; Feb. 1.
Standard. For Lead Coated Copper Flat Sheets. Ledkote Products Company. 50,618; Feb. 1.
Standard 12–15. For Lead Coated Copper Flat Sheets. Ledkote Products Company. 50,627; Feb. 1.
Tome-Actic. For Liniment. T. Tome. 50,634; Feb. 1.
Treasure Island. For Wines. Northern California Wineries. 50,632; Feb. 1.
12–15. For Lead Coated Copper Flat Sheets. Ledkote Products Company. 50,623; Feb. 1.
25. For Lead Coated Copper Flat Sheets. Ledkote Products Company. 50,621; Feb. 1.
25–30. For Lead Coated Copper Flat Sheets. Ledkote Products Company. 50,625; Feb. 1.
Vassar Hats. For Hats. B. B. Bergman. 50,615; Feb. 1.

LIST OF PRINTS

K2–28H. For Dental Cream. Kolynos Company. 16,671; Feb. 1.

Lounge in Loveliness for Only $1.29. For Hostess Coats. S. L. Hoffman & Co. 16,669; Feb. 1.

Sugar and Spice and All That's Nice . . . In These Apple Dumplings! For Flour. General Mills, Inc. 16,668; Feb. 1.

The Slim-A-Form. For Wraps. S. L. Hoffman & Co. 16,670; Feb. 1.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 1ST DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

American Flange & Manufacturing Co. Inc. (See Shera, John W., assignor.)
Goldsmith, Lester M., Philadelphia, Pa. Safety device. Re. 20,643; Feb. 1.
Goss, Phillip S., Portland, Oreg. Primer valve. Re. 20,642; Feb. 1.
Hammond, Frederick, Charlotte, N. C., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Metallic tire cover. Re. 20,644; Feb. 1.
Harrington, William E., Beaumont, Tex. Well screen. Re. 20,648; Feb. 1.
Houdaille-Hershey Corporation. (See Hammond, Frederick, assignor.)
Huston, Sanford K., Jr., Chicago, Ill. Glazing construction. Re. 20,645; Feb. 1.
Joyce, Temple N. (See Lucking, David F., assignor.)
Lucking, David F., Folkestone, England, assignor to T. N. Joyce, Dundalk, Md. Means for indicating the height of aircraft, particularly for use when the aircraft is landing. Re. 20,646; Feb. 1.
Shera, John W., Chicago, Ill., assignor to American Flange & Manufacturing Co. Inc. Closure structure for metallic containers. Re. 20,647; Feb. 1.

LIST OF PLANT PATENTEES

Burbank, Elisabeth W., executrix. (See Burbank, Luther.)
Burbank, Luther, deceased, by E. W. Burbank, Santa Rosa, Calif., executrix, assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo. Rose. 269; Feb. 1.
De Ruyter, Gerrit, Haaerswoude, Netherlands, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 270; Feb. 1.
Jackson & Perkins Company. (See De Ruyter, Gerrit, assignor.)
Stark Bro's Nurseries & Orchards Company. (See Burbank, Luther, assignor.)

LIST OF DESIGN PATENTEES

Abbate, Jacob, New York, N. Y. Ensemble dress. 108,255; Feb. 1.
Adams, Wilbur H. (See Smith, K. D., and Adams.)
Adams, Wilbur H., Cleveland, assignor to The Colson Corporation, Elyria, Ohio. Velocipede. 108,225; Feb. 1.
Adams, Wilbur H., Cleveland, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 108,226; Feb. 1.
Adhesive Products Co., The. (See Meyer, Ferd H., assignor.)
Althoff, Lawrence A., Chicago, Ill. Heater. 108,227; Feb. 1.
Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Ball cock. 108,228; Feb. 1.
Ariolo, Petro, Chicago, Ill. Confectionery product. 108,256; Feb. 1.
Barber, Elisabeth D., Miami, Fla. Lady's headdress. 108,257; Feb. 1.
Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or the like. 108,229; Feb. 1.
Bell, Gertrude T., Auburn, Wash. Apron. 108,275; Feb. 1.
Biva, Lucien, New York, N. Y., assignor to W. B. Roechen, A. A. Levy, and J. Hastedt, co-executors of the estate of Otto Timme, deceased. Ring. 108,258; Feb. 1.
Burton, Edward F. (See Raymond, A. E., and Burton.)
Coleman, Tora, New York, N. Y. Dress. 108,276; Feb. 1.
Coleman, Tora, New York, N. Y. Dress. 108,277; Feb. 1.
Colson Corporation, The. (See Adams, Wilbur H., assignor.)
Comolli, Sylvia, New York, N. Y. Dress ensemble. 108,278; Feb. 1.
Continental Radio and Television Corp. (See Siragusa, Rose D., assignee.)
Cutler-Hammer, Inc. (See Millermaster, R. A., and Wittemann, assignors.)
De Sakhnoffsky, Alexis, Philadelphia, Pa., assignor to The White Motor Company, Cleveland, Ohio. Gasoline tank vehicle. 108,269; Feb. 1.
Degrain, Jean, New York, N. Y. Lace. 108,230; Feb. 1.
Douglas Aircraft Company. (See Raymond, A. E., and Burton, assignors.)
Du Pont, E. I., de Nemours & Company. (See Harvey, Alan F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kahn, Julius, assignor.)
Ellenbogen, Margaret, assignor to Within & Schneider, New York, N. Y. Dress. 108,259; Feb. 1.
Emson, Edwin, assignor to Kalamazoo Stove Company, Kalamazoo, Mich. Air circulating heating stove. 108,231; Feb. 1.
Feinstuck, Rose, New York, N. Y. Dress. 108,260; Feb. 1.
Feimann, Henri, Chicago, Ill. Handbag. 108,261; Feb. 1.
Feimann, Henri, Chicago, Ill. Handbag. 108,279; Feb. 1.
Feimann, Henri, Chicago, Ill. Handbag. 108,280; Feb. 1.
Finch, William G. H., New York, N. Y. Facsimile recorder or the like. 108,281; Feb. 1.
Finch, William G. H., New York, N. Y. Facsimile recorder or the like. 108,282; Feb. 1.
Florence Stove Company. (See Kruck, Ralph R., assignor.)
Fostoria Glass Company. (See Sakier, George, assignor.)
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Drinking glass. 108,200; Feb. 1.
Fogarty, Charles J., assignor to The Westfield Manufacturing Company, Westfield, Mass. Bicycle frame. 108,201; Feb. 1.
Garton, Clarence E., Sheboygan, Wis. Coaster wagon. 108,232; Feb. 1.
Gelardin, Albert, New York, N. Y. Flashlight case. 108,202; Feb. 1.
George, Louise, New York, N. Y. Dress. 108,283; Feb. 1.
Goodrich, B. F., Company, The. (See Adams, Wilbur H., assignor.)
Goodrich, B. F., Company, The. (See Smith, Kimball D., assignor.)
Goodrich, B. F., Company, The. (See Smith, K. D., and Adams, assignors.)
Gorham Manufacturing Company. (See Staf, Axel H., assignor.)
Granat, Joseph, San Francisco, Calif. Single gem mounting. 108,233; Feb. 1.
Grossman, Edward, New York, N. Y. Coat. 108,284; Feb. 1.
H & H Machine & Motor Parts Company. (See Michener, Edward R., assignor.)
Hart, Aubrey F., New York, N. Y. Combined stirrup and toe guard. 108,285; Feb. 1.
Harvey, Alan F., Kearny, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 108,262; Feb. 1.
Hastedt, John, et al., executors. (See Biva, Lucien.)
Hazel-Atlas Glass Company. (See Smith, Frasier, assignor.)
Helsley, Frank H., Los Angeles, Calif. Ullage-rod wiper. 108,234; Feb. 1.
Hemings, Raymond A., assignor of one-half to A. G. Tennis, New Orleans, La. Display stand. 108,235; Feb. 1.
Hoffman, James H., New York, N. Y. Woven fabric. 108,236; Feb. 1.
Hubbard, Don C., Auburn, Maine. Sole or similar article. 108,286; Feb. 1.
Hutchinson, Robert H., Dallas, Tex. Door and window grille. 108,237; Feb. 1.
Jaeger, Adolph C., Port Chester, N. Y. Textile fabric or similar article. 108,263; Feb. 1.
Jaeger, Adolph C., Port Chester, N. Y. Textile fabric or similar article. 108,287; Feb. 1.
Kahn, Julius, Jersey City, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Comb or similar article. 108,238; Feb. 1.

Kalamazoo Stove Company. (See Eason, Edwin, assignor.)
Kaplan, Albert, New York, N. Y. Dress. 108,264; Feb. 1.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Mayonnaise bowl or similar article. 108,203; Feb. 1.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Covered jar or similar article. 108,204; Feb. 1.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Cup or similar article. 108,205; Feb. 1.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Cream pitcher or similar article. 108,206; Feb. 1.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Salt shaker or similar article. 108,207; Feb. 1.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Candlestick or similar article. 108,208; Feb. 1.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Covered candy jar or similar article. 108,209; Feb. 1.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Covered dish or similar article. 108,210; Feb. 1.
Kirk, Claude R., River Forest, Ill. Platform scale. 108,239; Feb. 1.
Koch, Henry P., Philadelphia, Pa., assignor to Northampton Textile Company, Mount Holly, N. J. Textile fabric. 108,240; Feb. 1.
Kruck, Ralph E., Springfield, assignor to Florence Stove Company, Gardner, Mass. Stove. 108,241; Feb. 1.
Kushner, Jacob J., New York, N. Y. Dress. 108,265; Feb. 1.
Levine, Charles, New York, N. Y. Sweater. 108,288; Feb. 1.
Levine, Charles, New York, N. Y. Sweater. 108,289; Feb. 1.
Levine, Charles, New York, N. Y. Sweater. 108,290; Feb. 1.
Levine, Charles, New York, N. Y. Sweater. 108,291; Feb. 1.
Levy, Albert E., New York, N. Y. Dress. 108,292; Feb. 1.
Levy, Albert A., et al., executors. (See Biva, Lucien.)
Levy, David, New York, N. Y. Slip or similar article. 108,214; Feb. 1.
Levy, David, New York, N. Y. Slip or similar article. 108,215; Feb. 1.
Libbey Glass Company. (See Fuerst, Edwin W., assignor.)
Liberty Lace and Netting Works. (See Worrall, John H., assignor.)
Long, Augustine J., Jr., assignor to The A. Nash Company, Cincinnati, Ohio. Display case or similar article. 108,266; Feb. 1.
Los Angeles Soap Company. (See Spielman, George, assignor.)
Majewski, Joseph M., Jr., Kansas City, Mo. Combined grave marker and urn. 108,211; Feb. 1.
Marshall Field & Company. (See Mey, Marcel, assignor.)
McDonald, Sterling B., Chicago, Ill. Textile fabric. 108,293; Feb. 1.
Mey, Marcel, Paris, France, assignor to Marshall Field & Company, Chicago, Ill. Textile fabric. 108,242; Feb. 1.
Meyer, Ferd H., Oakland, assignor to The Adhesive Products Co., San Francisco, Calif. Dispenser for paper tape product. 108,243; Feb. 1.
Meyers, Wallace E., New York, N. Y. Glove. 108,294; Feb. 1.
Michener, Edward R., assignor to H & H Machine & Motor Parts Company, St. Louis, Mo. Cylinder reboring-plate. 108,244; Feb. 1.
Millermaster, Ralph A., and Alex A. Writzmann, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Cover for an electric switch box or the like. 108,212; Feb. 1.
Mink, Isadore, Brooklyn, N. Y. Umbrella. 108,213; Feb. 1.
Minsky, Josephine, New York, N. Y. Dress. 108,267; Feb. 1.
Montgomery Ward & Co. (See Underwood, John A., assignor.)
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Band saw. 108,245; Feb. 1.
Moses, Harry, New York, N. Y. Knitted fabric. 108,295; Feb. 1.
Moses, Harry, New York, N. Y. Knitted fabric. 108,296; Feb. 1.
Nagel-Chase Mfg. Co., The. (See Schultz, Edward, assignor.)
Nash, A. Company, The. (See Long, Augustine J., Jr., assignor.)
Northampton Textile Company. (See Koch, Henry P., assignor.)
Northern Indiana Brass Company. (See Arbogast, Alfred C., assignor.)
Oslek, Morris, Philadelphia, Pa. Lamp stand. 108,216; Feb. 1.
Pfeffer, Felix, New York, N. Y. Bottle. 108,217; Feb. 1.
Pitt, Stanley A., Detroit, Mich. Christmas tree support. 108,297; Feb. 1.
Rainess, Alice, New York, N. Y. Hat. 108,298; Feb. 1.
Rainess, Alice, New York, N. Y. Hat. 108,299; Feb. 1.
Rainess, Alice, New York, N. Y. Hat. 108,300; Feb. 1.
Raymond, Arthur E., Santa Monica, and H. F. Burton, Los Angeles, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplane. 108,268; Feb. 1.
Revson, Joseph, New York, N. Y. Bottle stand. 108,218; Feb. 1.
Roschen, William E., et al., executors. (See Biva, Lucien.)
Rossum, Eula L., Washington, D. C. Rug. 108,246; Feb. 1.
St. Thomas, William, assignor to E. J. Wilkins Co., Gloversville, N. Y. Billfold. 108,251; Feb. 1.
Sahler, George, New York, N. Y., assignor to Fostoria Glass Company, Moundsville, W. Va. Goblet or similar article. 108,219; Feb. 1.
Schlessel, Philip, New York, N. Y. Dress. 108,270; Feb. 1.
Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Smoking stand. 108,221; Feb. 1.
Sears, Roebuck, and Co. (See Morgan, John R., assignor.)
Shapiro, Morris, Los Angeles, Calif. Glass or similar article. 108,220; Feb. 1.
Siegel, David, New York, N. Y. Knitted fabric. 108,301; Feb. 1.
Silverman, Jacob A., New York, N. Y. Coat. 108,302; Feb. 1.
Silverman, Jacob A., New York, N. Y. Coat. 108,303; Feb. 1.
Siraguan, Ross D., assignor to Continental Radio and Television Corp., Chicago, Ill. Radio cabinet or similar article. 108,222; Feb. 1.
Smith, Frazier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 108,223; Feb. 1.
Smith, Kimball D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire. 108,247; Feb. 1.
Smith, Kimball D., Akron, and W. H. Adams, Cleveland, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Tire. 108,248; Feb. 1.
Snyder, Hanna, New York, N. Y. Dress. 108,304; Feb. 1.
Snyder, Hanna, New York, N. Y. Dress. 108,305; Feb. 1.
Spielman, George, assignor to Los Angeles Soap Company, Los Angeles, Calif. Bottle. 108,224; Feb. 1.
Staf, Axel H., assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 108,249; Feb. 1.
Steele, Allan W., Seattle, Wash. Sail top. 108,306; Feb. 1.
Sternberg, Nathalie C., Woodmere, Long Island, N. Y. Finger ring. 108,250; Feb. 1.
Strangard, Mary G., New York, N. Y. Dress. 108,271; Feb. 1.
Tennis, Alphonse G. (See Hennings, Raymond A., assignor.)
Timme, Otto, deceased. (See Biva, Lucien, assignor.)
Timm, Leonard L., Aurora, Ill. Power driven tool unit. 108,252; Feb. 1.
Tuman, John, Mount Vernon, N. Y. Dress. 108,272; Feb. 1.
Turpan, Mark, West New York, N. J. Textile fabric. 108,307; Feb. 1.
Turpan, Mark, West New York, N. J. Textile fabric. 108,308; Feb. 1.
Uncas Manufacturing Company. (See Barbieri, Nicholas, assignor.)
Underwood, John A., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Heater. 108,253; Feb. 1.
United States Glass Company. (See Kelly, Robert A., assignor.)
Westfield Manufacturing Company, The. (See Fogarty, Charles J., assignor.)
Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Hand luggage case. 108,254; Feb. 1.
Wheary Trunk Company. (See Wheary, George H., assignor.)
White Motor Company, The. (See de Sakhnoffsky, Alexis, assignor.)
Wilde, Hans W., North Bergen, N. J. Textile fabric. 108,309; Feb. 1.
Wilkins, E. J., Co. (See St. Thomas, William, assignor.)
Winstrom, Enoch R., Long Beach, Calif. File tray. 108,273; Feb. 1.
Witlin & Schneider. (See Ellenbogen, Margaret, assignor.)
Wolsfeld, Albert H., Philadelphia, Pa. Combined clock face and metronome. 108,274; Feb. 1.
Worrall, John H., assignor to Liberty Lace and Netting Works, New York, N. Y. Lace. 108,310; Feb. 1.
Writzmann, Alex A. (See Millermaster, R. A., and Writzmann.)
Zaretsky, Oscar, New York, N. Y. Combination dress. 108,311; Feb. 1.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 1ST DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott Laboratories. (See Bateles, G. W., and Clemence, assignors.)
Adams, Chester E., and F. W. Sullivan, Jr., Hammond, Ind., and J. A. Anderson, Chicago, Ill., assignors to Standard Oil Company, Chicago, Ill. Dewaxing lubricating oils. 2,107,137; Feb. 1.
Agfa Ansco Corporation. (See Wagner, Gerd, assignor.)
Agricola, Alfred, Berlin-Neutempelhof, assignor to Allgemeine Elektricitäts Gesellschaft, Berlin-Tempelhof, Germany. Variable inductance radio frequency coil. 2,107,172; Feb. 1.
Aiken, Frank L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flexible drive. 2,106,828; Feb. 1.
Alderfer, Sterling W., assignor of one-half to H. D. Andrews, Akron, Ohio. Rubber material and making same. 2,107,067; Feb. 1.
Allegheny Steel Company. (See Otte, Otho M., assignor.)
Allgemeine Elektricitäts Gesellschaft. (See Agricola, Alfred, assignor.)
Allis-Chalmers Manufacturing Company. (See Winegrad, Harold, assignor.)
Alox Corporation. (See Burwell, Arthur W., assignor.)
Altpeter, Herman B. and R. J., South Bend, Ind., assignors to Oliver Farm Equipment Company. Potato digger chain. 2,107,021; Feb. 1.
Altpeter, Rudolph J. (See Altpeter, Herman B. and R. J.)
Aluminum Company of America. (See Brown, Robert H., assignor.)
American Cyanamid & Chemical Corporation. (See Davis, C. F., Brush, and Peck, assignors.)
American Forging and Socket Company, The. (See Black, John O., assignor.)
American Largi Corporation. (See Bantz, T., Grave, and Oppen, assignors.)
American Machine & Foundry Company. (See Goerke, H. E., Bystrom, and Schmale, assignors.)
American Machine & Foundry Company. (See Jensen, T., and Van Veen, assignors.)
American Tap-Bush Company. (See Rice, Frank E., assignor.)
American Telephone and Telegraph Company. (See Curtis, Harold E., assignor.)
American Telephone and Telegraph Company. (See Lang, W. Y., and Watson, assignors.)
American Telephone and Telegraph Company. (See Southworth, George C., assignor.)
American Tractor Equipment Corporation. (See Knapp, John F., assignor.)
American Tractor Equipment Corporation. (See Price, Robert B., assignor.)
American Tractor Equipment Corporation. (See Yount, Willis H., assignor.)
Anchor Cap & Closure Corporation. (See Gibbs, John C., assignor.)
Anderson, Adolph G. (See Campbell, D. J., and Anderson.)
Anderson, John A. (See Adams, C. E., Sullivan, and Anderson.)
Andrews, Edward D. (See Alderfer, Sterling W., assignor.)
Arcturus Development Company. (See Horn, Clarence A., assignor.)
Armour and Company. (See Ralston, A. W., and Bauer, assignors.)
Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake drum. 2,107,229; Feb. 1.
Associated Electric Laboratories, Inc. (See Mercer, Richard, assignor.)
Associated Electric Laboratories, Inc. (See Sands, Roy G., assignor.)
Atlantic Refining Company, The. (See Smith, L. B., Funston, and Field, assignors.)
Aubert, Léandre, St. Adèle, Quebec, Canada. Ski clamping device. 2,107,196; Feb. 1.
Auer, Laszlo, Budapest, Hungary, assignor to J. R. Newman, Washington, D. C. Manufacture of modified organic isocolloid materials. 2,106,768; Feb. 1.
Augustadt, Herbert W., Valley Stream, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric filter. 2,106,759; Feb. 1.
Aukerman, James A., Peru, Ind. Brooder. 2,106,760; Feb. 1.
Austenal Laboratories, Inc. (See Prange, C. H., and Zahn, assignors.)
Bacharach Industries Instrument Company. (See Stein, J. A., and Semans, assignors.)
Badenhausen, John P., assignor of one-half to Day and Zimmermann, Incorporated, Philadelphia, Pa. Steam generator. 2,107,022; Feb. 1.
Bagno, Samuel. (See Leventhal, J. F., and Bagno.)
Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Splash guard. 2,106,962; Feb. 1.
Baker, Clarence H. (See De Motte, M. P., and Baker.)
Baker, Paulina, et al. (See Clary, Charles A., assignor.)
Baker, Webster E. B., Lock Haven, Pa. Paper and process for the manufacture of paper. 2,106,780; Feb. 1.
Ball Brothers Company. (See Moorehead, Thomas C., assignor.)
Ball Brothers Company. (See Moorehead, T. C., and Dorman, assignors.)
Balton, James, assignor of one-fourth to J. Shapiro, Baltimore, Md., one-fourth to I. Shapiro, Chicago, Ill., one-fourth to N. Shapiro, and one-fourth to S. Shapiro, Chelsea, Mass. Label placing apparatus and method. 2,106,964; Feb. 1.
Bamigan, Thomas F., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Pellicles and process relating to same. 2,106,786; Feb. 1.
Bantz, Theodor, Frankfort-on-the-Main-Fraunheim, G. Grave, Frankfort-on-the-Main-Heddernheim, and E. Oppen, Hanover-Kirchrode, Germany, assignors to American Largi Corporation, New York, N. Y. Method and apparatus for electrostatic preparation. 2,106,985; Feb. 1.
Barnes, William B., Indianapolis, Ind. Overspeed drive tie back lockout. 2,106,966; Feb. 1.
Barthelmess, Emil. (See Falkenstein, E., and Barthelmess.)
Bartlett, John N., Tonawanda, N. Y. Amusement apparatus. 2,107,196; Feb. 1.
Barton, Frederick C., Haddonfield, N. J., assignor to Radio Corporation of America. Phonograph turntable driving mechanism. 2,106,710; Feb. 1.
Basler, George T., Louisville, Ky. Mechanical movement. 2,106,787; Feb. 1.
Bauer, Stewart T. (See Ralston, A. W., and Bauer.)
Bauer, William, assignor to The Tappan Stove Company, Mansfield, Ohio. Electric range and control system therefor. 2,107,173; Feb. 1.
Baxter, John P., Widnes, and L. J. Burrage, Liverpool, England, assignors to Imperial Chemical Industries Limited. Production of carbon disulphide. 2,107,264; Feb. 1.
Bayne, George M., Hamilton, Ontario, Canada, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric toaster. 2,106,824; Feb. 1.
Beehler, Vernon D., Evanston, and R. D. McIntosh, River Forest, assignors to The Imperial Brass Manufacturing Company, Chicago, Ill. Automatic rotor valve. 2,106,942; Feb. 1.
Bell Telephone Laboratories, Incorporated. (See Augustadt, Herbert W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bowen, Arnold E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Burton, Everett T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dudley, Homer W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hearn, Richard R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ives, Herbert E., assignor.)
Bell Telephone Laboratories, Incorporated. (See King, Ralph E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kleinkauf, J. D., and Martin, assignors.)
Bell Telephone Laboratories, Incorporated. (See Lang, W. Y., assignor, and Watson.)
Bell Telephone Laboratories, Incorporated. (See Lewis, Herbert A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ransler, Ralph E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Romanow, Frank F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Southworth, G. C., and King, assignors.)
Bell Telephone Laboratories, Incorporated. (See Tidd, Warren H., assignor.)
Bemis Bro. Bag Co. (See Brady, Charles V., assignor.)
Bemis Bro. Bag Co. (See Rowe, William W., assignor.)
Bender, Max, Astoria, N. Y., assignor, by mesne assignments, to United Acoustigraph Corporation. Sound recorder and reproducer. 2,107,050; Feb. 1.
Bendix Westinghouse Automotive Air Brake Company. (See Eaton, W. A., and Vorech, assignors.)
Benedict, T. N., Manufacturing Company. (See Tofte, Harold, assignor.)

Berg, Hilmer F., Port Angeles, Wash. Towing logs. 2,106,906; Feb. 1.
Berg, Roy E. (See Bruce, D. S., and Berg.)
Berkman, Herbert A., Chicago, Ill. Food cutter. 2,106,711; Feb. 1.
Bernarde, Henry L., Kearny, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic remote metering system. 2,106,825; Feb. 1.
Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole fitting machine. 2,106,712; Feb. 1.
Bertsch, Margaret, Philadelphia, Pa. Service platter. 2,107,023; Feb. 1.
Best, Frank A., East Windsor, Ontario, Canada. Metal-working machine. 2,106,866; Feb. 1.
Best, John G., Toronto, Ontario, Canada, assignor to Varilux Holding Corporation, Limited, Nassau, Bahamas. Illuminated sign. 2,106,699; Feb. 1.
Betz, Carl E., Park Ridge, assignor to Magnaflux Corporation, Chicago, Ill. Paste of paramagnetic particles for use in the examination of paramagnetic materials for flaws by the magnetic method. 2,106,882; Feb. 1.
Beusch, Christian, Wadenswil, Switzerland. Hydraulic brake. 2,107,257; Feb. 1.
Beverage, Harold H. (See Latimer, C. W., Finch, and Beverage.)
Beyer, Fred H., Lockport, N. Y. Dispensing container for styptic powder. 2,107,100; Feb. 1.
Binckley, George S., Los Angeles, Calif. Gas gravitometer. 2,106,966; Feb. 1.
Bingham, Eugene C., Easton, Pa., and D. Figlioli, assignors to Boorum & Pease Company, Brooklyn, N. Y. Fluid conductor for ruling machines and the like. 2,107,230; Feb. 1.
Binney & Smith Co. (See Eckhoff, Violet M., assignor.)
Bird, Lester F., assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J. Electric switch. 2,107,138; Feb. 1.
Bittner, Joseph R., assignor to Griffith Tool Works, Philadelphia, Pa. Wrench. 2,107,231; Feb. 1.
Black, John O., Detroit, assignor to The American Forging and Socket Company, Pontiac, Mich. Battery installation for motor vehicles. 2,106,883; Feb. 1.
Black, Norman F. (See Harris, J. M., Jr., and Black.)
Blackburn, George, and Sons Limited. (See Start, Harry W. and E., assignors.)
Blakeway, Arthur H., assignor to The Metal Box Company, Ltd., London, England. Sheet metal container. 2,107,232; Feb. 1.
Blandford, Glen G., Grand Rapids, Mich. Washing machine. 2,107,139; Feb. 1.
Bliss, Sherwood C., assignor to Houde Engineering Corporation, Buffalo, N. Y. Seal for pump structures. 2,106,894; Feb. 1.
Boice, John E., Toledo, Ohio. Jigsaw. 2,107,174; Feb. 1.
Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Articulated toy train. 2,106,698; Feb. 1.
Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Coupling device for toy trains. 2,107,024; Feb. 1.
Boorum & Pease Company. (See Gingham, E. C., and Figlioli, assignors.)
Borg-Warner Corporation. (See Fawick, Thomas L., assignor.)
Borg-Warner Corporation. (See Swennes, Benjamin A., assignor.)
Borg-Warner Corporation. (See Terrell, Ralph A., assignor.)
Borman, Emil, Chicago, Ill. Pneumatic heel. 2,106,788; Feb. 1.
Boech, Max, Berlin-Reinickendorf, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric current conversion system. 2,106,826; Feb. 1.
Boss, Edward R., Rutherford, assignor to United Cork Companies, Lyndhurst, N. J. Heat-insulated wall construction. 2,107,258; Feb. 1.
Bostic, Ralph R., Los Angeles, Calif. Gauge. 2,106,993; Feb. 1.
Bourne, Willard A. (See McCulloch, N. E., and Bourne.)
Bowen, Arnold E., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave-meter. 2,106,713; Feb. 1.
Boyd, Arthur C., Maywood, Ill. Injecting mechanism. 2,106,789; Feb. 1.
Brady, Charles V., Webster Groves, assignor to Bemis Bro. Bag Co., St. Louis, Mo. Laminated material. 2,106,867; Feb. 1.
Bredtschneider, Walter, Berlin, Germany. Indirect generating of superheated steam. 2,107,101; Feb. 1.
Breeckx, Rudolph S., Cranford, and E. J. Meagher, Newark, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Method and device for measuring. 2,106,790; Feb. 1.
Briney, Ottis R., Pontiac, Mich. Bushing locating and rotating means. 2,107,061; Feb. 1.
Brinton, H., Co. (See Holmes, Henry H., assignor.)
Brisson, Louis C., Neuilly-sur-Seine, assignor to Société Anonyme: Société des Freins Hydrauliques S. de Lavaud, Paris, France. Resilient diaphragm. 2,106,791; Feb. 1.
Bristow, Clyde J., Oakmont, Pa., assignor to Pittsburgh Plate Glass Company. Store front construction. 2,106,885; Feb. 1.
Britton, Joseph W. (See Le Fevre, W. J., and Britton.)
Brock, Charles. (See Hamilton, A., and Brock.)
Brom and Wade Limited. (See Walker, W. J., and Gimkey, assignors.)
Brown Company. (See Richter, George A., assignor.)
Brown Company. (See Richter, G. A., and Vannah.)
Brown, Robert H., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum alloy. 2,104,827; Feb. 1.
Bruce, Donald S., Somerville, and R. E. Berg, Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Making vibration-damped structure. 2,106,792; Feb. 1.
Bruckner, Richard. (See Buschbeck, W., and Bruckner.)
Brugger, Emile, Valley Stream, N. Y. Automatic radio station selector. 2,106,714; Feb. 1.
Brugger, Emile, Valley Stream, N. Y. Automatic radio control. 2,106,715; Feb. 1.
Brunhuber, Rudolf. (See Locke, K., and Brunhuber.)
Brunt & Company. (See Brunt, J. P., and Maston, assignors.)
Brunt, John P., Chicago, and E. E. Maston, Wilmette, assignors to Brunt & Company, Chicago, Ill. Box. 2,106,907; Feb. 1.
Brunt, John P., Chicago, and E. E. Maston, Wilmette, assignors to Brunt & Company, Chicago, Ill. Channel-vented box. 2,106,908; Feb. 1.
Brush, John G. (See Davis, C. F., Brush, and Peck.)
Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Sulphonated alkyl-aryloxy-alkylols. 2,106,716; Feb. 1.
Bucyrus-Erie Company. (See Paulsen, Thomas R., assignor.)
Burgess, J. A. (See Knight, Jesse L., assignor.)
Burrage, Leslie J. (See Baxter, J. P., and Burrage.)
Burt Machine Company. (See Wild, Charles H., assignor.)
Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Filter including space discharge device. 2,106,793; Feb. 1.
Burwell, Arthur W., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Top cylinder lubricant. 2,107,233; Feb. 1.
Buschbeck, Werner, and R. Bruckner, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical coupling arrangement. 2,107,025; Feb. 1.
Bush, A. G. (See Criner, Harry J., assignor.)
Butignot, André, Creil, assignor to Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann, Paris, France. Preparation of wetting emulsifying, dispensing or cleansing agents and products obtained by this process. 2,107,197; Feb. 1.
Button, George W., Corporation. (See Sierad, Milton, assignor.)
Bystrom, Gustave A. (See Goerke, H. E., Bystrom, and Schmale.)
Cadman, Addi B., Beloit, Wis. Brake. 2,106,717; Feb. 1.
Calco Chemical Co. (See Klipstein, Kenneth H., assignor.)
Campbell, Donald J., and A. G. Anderson, assignors to Campbell, Wyant and Cannon Foundry Company, Muskegon Heights, Mich. Apparatus for coating molds. 2,106,701; Feb. 1.
Campbell, Donald J., Spring Lake Township, Ottawa County, Mich. Brake drum cooling device. 2,106,702; Feb. 1.
Campbell, Wyant and Cannon Foundry Company. (See Campbell, D. J., and Anderson, assignors.)
Canada Cycle & Motor Company. (See Peace, Harvey W., assignor.)
Carborundum Company, The. (See Melton, Romie L., assignor.)
Carruthers, Thomas F. (See Cox, H. L., and Carruthers.)
Carson, Benjamin R., Haddonfield, and A. G. Zimmerman, Westmont, N. J., assignors to Radio Corporation of America. Sound reproducing apparatus. 2,106,718; Feb. 1.
Casco Products Corporation. (See Bahr, Gustave F., assignor.)
Caswell, John A., Somerville, and C. A. Robinson, Salem, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 2,106,719; Feb. 1.
Caterpillar Tractor Co. (See Rosén, Carl G. A., assignor.)
Catron, Joseph W., Jr., Fortescue, Mo. Eyeshade. 2,107,102; Feb. 1.
Catron, Joseph W., Jr., Fortescue, Mo. Eyeshade. 2,107,103; Feb. 1.
Celanese Corporation of America. (See Elvin, W. J., and Killoran, assignors.)
Chambers, James E., West Palm Beach, Fla. Pull rod support. 2,107,234; Feb. 1.
Chandler & Price Company, The. (See Johnson, Lawrence R., assignor.)
Chantry, Allan J., United States Navy. Power transmission means. 2,106,720; Feb. 1.
Chapman, Arthur W., London, England. Physical exerciser. 2,106,904; Feb. 1.
Chappell, Eugene L., Pittsburgh, Pa. Making a lined container. 2,106,828; Feb. 1.

Chermendy, Carl V., assignor to F. Csermendy, Chicago, Ill. Ignition breaker. 2,106,721; Feb. 1.
Chicago Pump Company. (See Nordell, Carl H., assignor.)
Chisholm, Harry L., Jr., assignor to Houde Engineering Corporation, Buffalo, N. Y. Stabilizer structure for automobiles. 2,106,886; Feb. 1.
Christenson, George, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Packing assembly. 2,106,829; Feb. 1.
Church, Franklin O., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Seat construction. 2,107,052; Feb. 1.
Cincinnati Milling Machine Co., The. (See Roehm, Erwin G., assignor.)
Cirelli, Frank, Philadelphia, Pa. Shoe stretcher. 2,107,140; Feb. 1.
Clar, Carl. (See Tramm, H., Clar, Kühnel, and Schuff.)
Clary, Charles A., assignor of one-half to C. A. Clary, Jr., and P. Baker, Los Angeles, Calif. Headlight. 2,106,995; Feb. 1.
Clary, Charles A., Jr., et al. (See Clary, Charles A., assignor.)
Clemence, Le Roy W. (See Raizies, G. W., and Clemence.)
Cleveland Graphite Bronze Company, The. (See Swartz, Carl E., assignor.)
Cleveland Pneumatic Tool Company, The. (See De Mooy, John, assignor.)
Cleveland Rock Drill Company, The. (See Feucht, Albert, assignor.)
Cobb, Boughton, Hewlett, assignor to The Esmond Mills, New York, N. Y. Fabric. 2,106,794; Feb. 1.
Collins & Aikman Corporation. (See Drobile, Albert W., assignor.)
Collison, Edward E., and E. Nyman, Fort Wayne, Ind. Speed changing device for phonograph turntables. 2,106,722; Feb. 1.
Collison, Robert W., Takoma Park, Md. Quick closing and sealing valve. 2,106,723; Feb. 1.
Colony, Myron W., Los Angeles, Calif., assignor to Petroleum Conversion Corporation, New York, N. Y. Converting hydrocarbons in the vaper phase. 2,107,235; Feb. 1.
Colt, George H., London, England. Squash-racket court and the like. 2,107,141; Feb. 1.
Commercial Solvents Corporation. (See Legg, D. A., and Tarvin, assignors.)
Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann. (See Butignot, André, assignor.)
Coney, James D., assignor to Star-Service Hanger Company, Detroit, Mich. Garment hanger. 2,107,026; Feb. 1.
Connolly, Bernard F. (See Jeansen, Jens O., assignor.)
Consolidated Expanded Metal Companies, The. (See Cross, Leonard W., assignor.)
Consolidated Machine Tool Corporation. (See Forward, Worthy J. F., assignor.)
Constantine, Platon, New York, N. Y. Hair waving wrapper pad. 2,107,175; Feb. 1.
Coons, Ural R., assignor of one-half to H. L. Somers, Fort Wayne, Ind. Refrigeration. 2,107,053; Feb. 1.
Cope, Burton R., Smithfield, Ohio. Connecter. 2,106,724; Feb. 1.
Corning Glass Works. (See Hood, Harrison P., assignor.)
Corning Glass Works. (See Hood, H. P., and Nordberg, assignors.)
Cory, Harvey, Chicago, Ill. Brewing coffee. 2,107,236; Feb. 1.
Courtinande, François, New York, N. Y. Direction signal for vehicles. 2,107,104; Feb. 1.
Cover, Harvey S., South Bend, Ind. Respirator. 2,106,795; Feb. 1.
Cox, Henry L., and T. F. Carruthers, South Charleston, W. Va., assignors to Union Carbide and Carbon Corporation. Mixed ester derivatives of glycol. 2,106,703; Feb. 1.
Crilley, William W., Cleveland, Ohio. Forging machine. 2,106,830; Feb. 1.
Crimer, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Grinder. 2,107,105; Feb. 1.
Crook, James M., Huntington, W. Va. Closure for containers of liquid or semiliquid substances. 2,107,106; Feb. 1.
Crosman, Loring P., Maplewood, assignor to Gardner Company, Orange, N. J. Listing adding machine. 2,107,142; Feb. 1.
Cross, Leonard W., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Apparatus for manufacturing expanded metal. 2,106,967; Feb. 1.
Csermendy, Frieda. (See Chermendy, Carl V., assignor.)
Curtis, Harold E., East Orange, N. J., assignor to American Telephone and Telegraph Company. Dielectric guide system. 2,106,725; Feb. 1.
Daly, George F., Johnson City, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,107,143; Feb. 1.
Dannheiser, Joseph M., San Francisco, Calif. Emergency power supply system. 2,106,968; Feb. 1.
Danzer, Catherine, et al., executors. (See Lederer, Anton.)
Danzer, Katherine, et al., executors. (See Lederer, Anton.)
Dauwalter, Raymond R., Birmingham, Ala., assignor to W. S. Dickey Clay Manufacturing Company, Kansas City, Mo. Perforating machine. 2,107,088; Feb. 1.
Davan, James M., Rossville, Ill. Trailer. 2,107,107; Feb. 1.
Davies, Lynn E., assignor to White Cap Company, Chicago, Ill. Package sealing. 2,107,237; Feb. 1.
Davis, Clarke F., Short Hills, and J. G. Brush, Westfield, N. J., and R. H. Peck, West New Brighton, Staten Island, N. Y., assignors, by mesne assignments, to American Cyanamid & Chemical Corporation. Doweled slab. 2,107,144; Feb. 1.
Davis, Clarke F., Short Hills, J. G. Brush, Westfield, and R. H. Peck, Elizabeth, N. J., assignors to American Cyanamid & Chemical Corporation, New York, N. Y. Doweled slab construction. 2,107,145; Feb. 1.
Davis, Frederick E. (See Hague, F. T., and Davis.)
Davis, Garland H. B., Elizabeth, N. J., assignor to Standard Oil Development Company. Separating waxy constituents from oils. 2,106,969; Feb. 1.
Davis, Henry K. B., Springfield, Mass. Golf ball. 2,106,704; Feb. 1.
Dawson, John W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric control system. 2,106,831; Feb. 1.
Day, J. H., Company, The. (See Bechtin, C. R., and Jantsch, assignors.)
Day and Zimmermann, Incorporated. (See Badenhausen, John F., assignor.)
De Boer, Jan H., and K. H. Klaassens, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Obtaining photographic contrasts. 2,106,869; Feb. 1.
Deere & Company. (See Tuft, Miles H., assignor.)
De Laval Separator Company, The. (See Hall, Selden H., assignor.)
De Mooy, John, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rotary tool. 2,107,108; Feb. 1.
De Motte, Mauric P., and C. H. Baker, Indianapolis, Ind., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Acetylene generator. 2,106,970; Feb. 1.
De Motte, Maurice P., Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Acetylene generator. 2,106,971; Feb. 1.
De Motte, Maurice P., Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Acetylene generator. 2,106,972; Feb. 1.
Dennison, Brook J. (See Sherts, J. H., and Dennison.)
Des Roches, Hilton H., Butte, Mont. Rock drill joint. 2,107,238; Feb. 1.
Desrosiers, Albert J., New Bedford, Mass. Water bubbler. 2,107,109; Feb. 1.
De Vault, Ralph P., South Pasadena, Calif. Peeler. 2,106,796; Feb. 1.
Dickey, W. S., Clay Manufacturing Company. (See Dauwalter, Raymond R., assignor.)
Dinhofer, Julius, New York, N. Y. Watchcase. 2,107,176; Feb. 1.
Dixie-Vortex Company. (See Krein, Frederick T., assignor.)
Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Indirect lighting unit. 2,107,027; Feb. 1.
Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Direct lighting fixture. 2,107,028; Feb. 1.
Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Lighting fixture. 2,107,029; Feb. 1.
Dorman, Edgar P. (See Moorshead, T. C., and Dorman.)
Dow Chemical Company, The. (See Le Fevre, W. J., and Britton, assignors.)
Draeger, Rupert H., United States Navy. Film spool and container. 2,106,726; Feb. 1.
Dransfeld, Hubert, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Centrifuge. 2,106,832; Feb. 1.
Dreher, Elmer H., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Combined tabulating and punching mechanism. 2,107,030; Feb. 1.
Dreher, Thomas B., Pottsville, Pa. Burning brick. 2,107,146; Feb. 1.
Dreyfus, Henry, London, England. Production of cellulose from lignocellulosic materials. 2,106,797; Feb. 1.
Dreyfus, Henry, London, England. Making lower aliphatic acid anhydrides and aldehydes. 2,106,798; Feb. 1.
Drobile, Albert W., Wayne, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Loom. 2,106,727; Feb. 1.
Dudley, Homer W., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stranded conductor. 2,107,177; Feb. 1.
Dunlop Rubber Company Limited. (See Murphy, E. A., and Taylor, assignors.)
Dunlop Tire and Rubber Corporation. (See Church, Franklin O., assignor.)
Duplate Corporation. (See Sherts, J. H., and Dennison, assignors.)
Du Pont, E. I., de Nemours & Company. (See Banigan, Thomas F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Elley, H. W., and Walker, assignors.)

Du Pont, E. I., de Nemours & Company. (See Kepfer, Raymond J., assignor.)

Du Pont, E. I., de Nemours & Company. (See Lewis, H. A., and Wilson, assignors.)

Du Pont, E. I., de Nemours & Company. (See Martone, Thomas A., assignor.)

Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Moving stairway. 2,106,833; Feb. 1.

Earle, Theodore. (See Fischer, O., Earle, and Haffey.)

Earle, Theodore, Pacific Palisades, Calif. Treating ores. 2,106,837; Feb. 1.

Earle, Theodore, Pacific Palisades, Calif. Separatory flotation method. 2,106,838; Feb. 1.

Eaton, Wilfred A., and S. Verech, assignors to Bendix Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Power operating mechanism. 2,107,110; Feb. 1.

Eckhoff, Violet M., Warrensburg, Mo., assignor to Binney & Smith Co., New York, N. Y. Paint box. 2,107,239; Feb. 1.

Eckstein, Isidore, et al. (See Tavin, F., and Haas, assignors.)

Economic Machinery Company. (See Fenner, James O., assignor.)

Edwards, William K., Big Spring, Tex. Bottom tubing plug for oil wells. 2,106,906; Feb. 1.

Ellerton, Lee W., assignor to I. F. Laucks, Inc., Seattle, Wash. Construction unit. 2,107,240; Feb. 1.

Elsenbut, August. (See Pier, M., and Elsenbut.)

Electric Controller & Manufacturing Company, The. (See Wright, D. C., and Wilcox, assignors.)

Electro-Bohner G. m. b. H. (See Pfleghar, Alfons, assignor.)

Elley, Harold W., and H. W. Walker, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Gum inhibitors for gasoline. 2,107,147; Feb. 1.

Ellis, Carleton, Montclair, N. J., assignor to Standard-I-G. Company. Hydrogenation of high oxygen coal. 2,106,973; Feb. 1.

Elvin, William J., Camberland, Md., and J. L. Killoran, Drummondville, Quebec, Canada, assignors to Celanese Corporation of America. Package core holder for yarn packaging device. 2,106,799; Feb. 1.

Esmond Mills, The. (See Cobb, Boughton, assignor.)

Etchison, James W., Cleveland, Ohio. Hydraulic brake apparatus. 2,107,111; Feb. 1.

Evans, Charles S., Oakland, assignor to Forderer Cornice Works, San Francisco, Calif. Refrigerator. 2,106,909; Feb. 1.

Evans, Gordon M., Dearborn, Mich. Heat transferring tube structure. 2,107,031; Feb. 1.

Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Stabilisation of allphatic symmetrical isoethers. 2,107,069; Feb. 1.

Ewald, Charles J., Columbus, Ohio. Attachment for beds. 2,106,834; Feb. 1.

Fackler, Ceta M., assignor of one-half to W. O. Weiskotten, San Diego, Calif. Hat stand. 2,107,178; Feb. 1.

Falkenstein, Engelbert, Dusseldorf-Gerresheim, and E. Barthelmess, Dusseldorf-Oberkassel, Germany. Drier for granular and like materials. 2,106,869; Feb. 1.

Faries Manufacturing Company. (See McDonald, Edward F., assignor.)

Fawick, Thomas L., Akron, assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,107,112; Feb. 1.

Fenner, James O., assignor to Economic Machinery Company, Worcester, Mass. Bottle labelling machine. 2,106,997; Feb. 1.

Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Separable fastener. 2,106,728; Feb. 1.

Fenebt, Albert, Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,107,198; Feb. 1.

Fichtel, James J., Pottstown, Pa. Tailor's measuring device. 2,106,729; Feb. 1.

Field, Hugh W. (See Smith, L. B., Funsten, and Field.)

Fleux, Jean, assignor of one-half to Schneider & Cie, Paris, France. Tachymetric correcting device, more particularly for use in connection with sighting apparatus for artillery. 2,106,998; Feb. 1.

Figlioli, Daniel. (See Bingham, E. C., and Figlioli.)

Finch, James L. (See Latimer, C. W., Finch, and Beverage.)

Finn, John, Jr., assignor of one-tenth to P. Frohwitter, Berkeley, Calif. Catalytic device. 2,106,910; Feb. 1.

Fischer, Albert C., Chicago, Ill. Composition material. 2,106,943; Feb. 1.

Fischer, Albert C., Chicago, Ill. Paving. 2,106,944; Feb. 1.

Fischer, Edwin L., Jackson Heights, Long Island, assignor to United Research Corporation, Long Island City, N. Y. Film driving mechanism. 2,106,974; Feb. 1.

Fischer, Oscar, Denver, Colo., T. Earle, Pacific Palisades, Calif., and E. F. Haffey, Tacoma, Wash. Concentration of ores. 2,106,800; Feb. 1.

Flarsheim, Edwin S. (See Liebel, J. G. H., and Flarsheim.)

Fleury, Werner, assignor to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Shaft coupling. 2,107,070; Feb. 1.

Floss, Carl W., Detroit, Mich. Transmission. 2,106,870; Feb. 1.

Folmer Graflex Corporation, The. (See Hineline, Edson S., assignor.)

Forderer Cornice Works. (See Evans, Charles S., assignor.)

Forward, Worthy J. F., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Tool head for milling machines. 2,106,835; Feb. 1.

Forward, Worthy J. F., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Machine tool. 2,106,836; Feb. 1.

Foster, Warren D., Washington Township, Bergen County, N. J., assignor to Kinatome Patents Corporation, New York, N. Y. Machine control. 2,106,730; Feb. 1.

Francis, Eldon E., Bakersfield, Calif. Sliding screw adjustable wrist pin. 2,106,945; Feb. 1.

Francis, Joseph N., Woburn, assignor to Standard Coin Wrappers, Incorporated, Boston, Mass. Article feeding and packaging mechanism. 2,106,975; Feb. 1.

Frank, Joseph, Brooklyn, N. Y. Light screen for automobiles. 2,106,889; Feb. 1.

Frederickson, Clayton E., Chicago, Ill. Differential mechanism. 2,106,946; Feb. 1.

Freer, Phelps M., Detroit, Mich. Packing ring. 2,107,241; Feb. 1.

Frohwitter, Phyllas. (See Finn, John, Jr., assignor.)

Fuchs, Julius assignor of one-half to H. F. Hellman, Cleveland, Ohio. Electric switch. 2,106,837; Feb. 1.

Funsten, Stanard R. (See Smith, L. B., Funsten, and Field.)

Gallimore, Keith F., assignor to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis. Speed-change mechanism. 2,106,731; Feb. 1.

Gammeter, John R., Akron, Ohio, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Rubber thread. 2,107,032; Feb. 1.

Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Cash register. 2,107,033; Feb. 1.

Gardner Company. (See Crosman, Loring P., assignor.)

Garfinkel, Emile, Newark, N. J. Luggage handle. 2,106,911; Feb. 1.

Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Straightening knitting needles and the like. 2,107,253; Feb. 1.

Gates, Henry S., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,106,838; Feb. 1.

Gates, Lovell, Idaho Falls, Idaho. Pressure feeder for materials. 2,107,242; Feb. 1.

Gaugler, Richard S., assignor to General Motors Corporation. Dayton, Ohio. Heating and cooling system. 2,107,199; Feb. 1.

Gaus, George E., Washington, D. C., assignor to Secretary of Agriculture of the United States of America. Bale identification tag and affixing the same. 2,107,071; Feb. 1.

Gay, Norman H., Los Angeles, Calif. Air conditioning apparatus. 2,107,243; Feb. 1.

Gehrke, Max. (See Schwenk, E., Gehrke, and Hildebrandt.)

General Aniline Works, Inc. (See Hilpert, Richard, assignor.)

General Aniline Works, Inc. (See Schubert, Friedrich, assignor.)

General Motors Corporation. (See Gaugler, Richard S., assignor.)

General Motors Corporation. (See Gould, Richard E., assignor.)

General Railway Signal Company. (See Preston, Neil D., assignor.)

General Railway Signal Company. (See Willing, Joseph E., assignor.)

George, Ralph W. (See Trevor, B., and George.)

Gibbs, John C., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap. 2,107,179; Feb. 1.

Giddings & Lewis Machine Tool Co. (See Gallimore, Keith F., assignor.)

Gihon, Harry D., 3rd, Trenton, N. J. Hand luggage. 2,107,180; Feb. 1.

Gilbert, A. C., Company, The. (See Gilbert, Alfred C., assignor.)

Gilbert, Alfred C., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Merchandising display stand. 2,106,839; Feb. 1.

Gilbert, Harold H., Sacremento, Calif. Rail expansion joint. 2,106,705; Feb. 1.

Gillette Safety Razor Company. (See Muros, Joseph, assignor.)

Gilliland, Theodore R., Washington, D. C. Closure. 2,107,244; Feb. 1.

Gimkey, Siegfried F. (See Walker, W. J., and Gimkey.)

Goedike, John G., San Antonio, Tex. Water feed for rotary offset and lithographic presses. 2,106,732; Feb. 1.

Goerke, Henry E., Floral Park, and G. A. Bystrom and H. W. Schmale, Brooklyn, N. Y., assignors to American Machine & Foundry Company. Hand operated wrapping machine. 2,106,999; Feb. 1.

Gogan, Joseph, Lakewood, Ohio. Hardness testing machine. 2,107,113; Feb. 1.

Gogan, Joseph, Lakewood, Ohio. Hardness testing device. 2,107,114; Feb. 1.

Goldsborough, Thaddeus R., Merchantville, N. J., assignor to Radio Corporation of America. Speed changing mechanism. 2,106,733; Feb. 1.

Gollmar, Herbert A., Union Township, N. J., assignor, by mesne assignments, to Koppers Company. Gas purification process. 2,106,734; Feb. 1.

Gordon, Robert H., Detroit, Mich., assignor to Parker Rust Proof Company. Conveyor mechanism. 2,106,706; Feb. 1.

Gould, Richard E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,106,840; Feb. 1.

Grave, Georg. (See Banta, T., Grave, and Oppen.)

Gretener, Edgar, Berlin-Siemensstadt, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Reflector arc lamp for the projection of colored pictures. 2,107,148; Feb. 1.

Greth, August, Los Angeles, Calif. Sanitary medical treatment means. 2,106,709; Feb. 1.

Griffith Tool Works. (See Bittner, Joseph R., assignor.)

Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,106,841; Feb. 1.

Guffra, Joseph A., Portola, Calif. Automatic locomotive flange oiler. 2,106,924; Feb. 1.

Guthrie, Charles C., Pittsburgh, Pa. Converter cartridge. 2,107,034; Feb. 1.

Guyton, William R. A., Pittsburgh, Pa. Denture. 2,107,181; Feb. 1.

Gwynn, Marion H., Boundbrook, N. J. Catalytic hydrogenation of crude benzene derivatives. 2,106,735; Feb. 1.

Haas, Hans. (See Tavin, F., and Haas.)

Haas, Walter H., United States Navy. Valve assembly. 2,106,736; Feb. 1.

Haffey, Earl F. (See Fischer, O., Earle, and Haffey.)

Hagler, Lydia A., Otis Orchards, assignor of one-half to S. E. Smith, Opportunity, Wash. Circuit controller for indicators. 2,106,925; Feb. 1.

Hague, Floyd T., Pittsburgh, and F. R. Davis, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current-collection apparatus. 2,106,842; Feb. 1.

Hahn, Wilhelm, Heidenheim-on-the-Brenz, Germany. Power transmission gear for rail vehicles. 2,106,843; Feb. 1.

Hafre, Homer H., Washington, D. C. Flexible connecter. 2,106,737; Feb. 1.

Halbach, Howard L., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company. Apparatus for making sheet glass. 2,106,890; Feb. 1.

Hall, Selden H., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Closed centrifugal separator. 2,107,035; Feb. 1.

Hamilton, Alexander, and C. Brock, St. Joseph, Mo. Garment hanger attachment. 2,106,947; Feb. 1.

Hammell, Charles E., Red Bank, N. J. Door closer. 2,106,926; Feb. 1.

Hammer, Hyman C., assignor to Price Brothers, Inc., Chicago, Ill. Illuminated sign. 2,106,891; Feb. 1.

Hammerl, Jacob, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,107,115; Feb. 1.

Hanovia Chemical and Manufacturing Company. (See Bird, Lester F., assignor.)

Harder, Edwin L., and L. J. Hibbard, Forest Hills, and W. R. Taliaferro, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Railway control system. 2,106,844; Feb. 1.

Harrington, Lou, San Antonio, Tex. No screed tile clip. 2,106,948; Feb. 1.

Harris, John M., Jr., and N. F. Black, Baton Rouge, La., assignors to Standard Oil Development Company. Neutralisation of acid treated oil. 2,106,976; Feb. 1.

Harrison, John K. M., Ogontz, Pa. Paper and analogous material container. 2,106,738; Feb. 1.

Harrison, John K. M., Ogontz, Pa. Container bottom and top applying and sealing machine. 2,106,739; Feb. 1.

Hartman, William W., Los Angeles, Calif. Bread slicer feed. 2,106,949; Feb. 1.

Harydictak, Joseph, Brooklyn, N. Y. Shoe last. 2,107,250; Feb. 1.

Haywood, Loomis M., Cincinnati, Ohio. Fuel unit. 2,107,054; Feb. 1.

Hasel, Claude E., assignor to The United Gas Improvement Company, Philadelphia, Pa. Stopping service and other gas pipes. 2,107,200; Feb. 1.

Hearn, Richard B., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal distortion indicating and measuring device for printing telegraph systems. 2,107,140; Feb. 1.

Heckendorn, Clarence. (See Treadway, S. C., and Heckendorn.)

Heddon's, James, Sons. (See McArthur, Joseph, assignor.)

Heinemann, Arthur S., Los Angeles, Calif. Article dividing and packaging machine. 2,107,036; Feb. 1.

Heising, William F., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 2,107,150; Feb. 1.

Hellman, Henry F. (See Fuchs, Julius, assignor.)

Henderson, Albert J., Hampfield Township, Westmoreland County, Pa., assignor to Walworth Patents Inc., Boston, Mass. Valve. 2,107,182; Feb. 1.

Hepke, William C., assignor to Thomas M. Royal & Co., Philadelphia, Pa. Paper-bag machine attachment. 2,106,740; Feb. 1.

Hepke, William C., assignor to Thomas M. Royal & Co., Philadelphia, Pa. Paper-bag-machine attachment. 2,107,249; Feb. 1.

Herbert, Joseph F., Audubon, N. J. Bushing remover. 2,106,741; Feb. 1.

Herrington, Arthur W., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Multiaxle drive vehicle. 2,107,072; Feb. 1.

Herrington, Arthur W., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Motor vehicle drive steering wheel axle structure. 2,107,073; Feb. 1.

Hersberg, Albert C., Memphis, Tenn. Held wire reminder for telephones. 2,106,912; Feb. 1.

Heymer, Gerd, Wolfen, Kreis Bitterfeld, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Multicolor filter. 2,107,116; Feb. 1.

Hibbard, Lloyd J. (See Harder, E. L., Hibbard, and Taliaferro.)

Higginson, George M., Hawthorne, Calif. Load compensation in oil well pumps. 2,107,151; Feb. 1.

Hildebrandt, Friedrich. (See Schwenk, E., Gehrke, and Hildebrandt.)

Hilpert, Richard, Frankfort-on-the-Main-Hoechst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Acid wool dyestuffs of the anthraquinone series. 2,107,000; Feb. 1.

Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Copying Corporation, Rochester, N. Y. Copying camera equipment unit. 2,107,074; Feb. 1.

Hinkle, Raymond, Hanover, Pa. Sifting device. 2,106,742; Feb. 1.

Hobart, Louis C., Southington, Conn., assignor, by mesne assignments, to M. M. Munsill. Electric sharpening device for safety razor blades. 2,106,977; Feb. 1.

Hobbs Sales & Service Station, Inc. (See Minkow, Robert, assignor.)

Hoehn, John J., Camden, N. J., assignor to Radio Corporation of America. Power transmission device. 2,106,743; Feb. 1.

Hopsett, Herbert A., Pomona, Calif. Poultry fountain. 2,106,871; Feb. 1.

Holm, Melvin M. (See Shiffler, W. H., Holm, and Miller.)

Holmes, Henry H., Leicester, assignor, by mesne assignments, to H. Brinton Co., Philadelphia, Pa. Circular knitting machine. 2,106,872; Feb. 1.

Holtz, Frederick C., assignor to Sangamo Electric Company, Springfield, Ill. Combination enclosure for electric meters and pull boxes. 2,106,950; Feb. 1.

Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Preparation of silica for glass batches. 2,106,745; Feb. 1.

Hood, Harrison P., and M. E. Nordberg, assignors to Corning Glass Works, Corning, N. Y. Treated borosilicate glass. 2,106,744; Feb. 1.

Hoover Company, The. (See Snyder, Eugene L., assignor.)

Hoover Company, The. (See White, Harry B., assignor.)

Hopkins, Raymond E., Weymouth, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoe bottom units. 2,106,845; Feb. 1.

Hopkinson, Lawrence T., Washington, D. C. Producing oil from oil containing protein material. 2,107,245; Feb. 1.

Horn, Clarence A., Roselle Park, assignor to Arcturus Development Company, Newark, N. J. Electric tube construction. 2,107,254; Feb. 1.

Hosinski, John, Detroit, Mich. Grain cleaner for threshing machines. 2,106,746; Feb. 1.

Houdaille-Hershey Corporation. (See Short, Bladen M., assignor.)

Houde Engineering Corporation. (See Bliss, Sherwood C., assignor.)

Houde Engineering Corporation. (See Chisholm, Harry L., Jr., assignor.)

Houston Compress Company. (See Sinclair, Henry L., assignor.)

Houston, Robert L., New York, N. Y. Record controlled machine. 2,106,802; Feb. 1.

Houston, Robert L., West Brattleboro, Vt. Record controlled machine. 2,106,801; Feb. 1.

Hoyt, Worthington. (See Stowell, Edward R., assignor.)

Hubbard, Joseph G., Youngstown, Ohio. Open hearth valve. 2,106,913; Feb. 1.

Hubbell, Allan C., Long Beach, Calif. Door lock. 2,106,951; Feb. 1.

Huber, Matthew W., assignor to Tuthill Pump Company, Chicago, Ill. Reversible fuel pump. 2,107,152; Feb. 1.

Huntman, Charles B., Plainfield, N. J. Stabilising means for motor vehicles. 2,107,183; Feb. 1.

Hurrle, Charles G., San Francisco, Calif. Eraser holder for typewriters. 2,107,001; Feb. 1.

Hutaff, George H., Jr. (See O'Neal, George R., assignor.)

Hydraulic Brake Company. (See Oliver, Wallace F., assignor.)

Hydraulic Press Corporation, The. (See Shaw, Victor S., assignor.)

I. D. Manufacturing Co. (See Tavin, F., and Haas, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Eisenhut, assignors.)
Ihara, Seytiro, Nakaku, Nagoya, assignor to Nippon Geishi Kabushiki Kaisha, Nagoya, Japan. Corrosion resisting pump and blower. 2,107,260; Feb. 1.
Imperial Brass Manufacturing Company, The. (See Beehler, V. D., and McIntosh, assignors.)
Imperial Chemical Industries Limited. (See Baxter, J. P., and Burrage, assignors.)
Ingersoll-Rand Company. (See Kirgan, John, assignor.)
International Business Machines Corporation. (See Daly, George F., assignor.)
International Business Machines Corporation. (See Oldenbloom, Derk J., assignor.)
International Business Machines Corporation. (See Page, Ralph E., assignor.)
International Business Machines Corporation. (See Reingruber, Engelbert, assignor.)
International Business Machines Corporation. (See Weinlich, H. A., and Kölm, assignors.)
Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiple channel electro-optical image production using mirror helix. 2,107,153; Feb. 1.
Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,107,246; Feb. 1.
Jantsch, Richard. (See Bechtin, C. R., and Jantsch.)
Jellinghaus, Norman K., Philadelphia, Pa. Smoking pipe. 2,106,747; Feb. 1.
Jensen, Jens O., Miami Beach, Fla., assignor to B. F. Connolly, Mount Vernon, N. Y. Shaving device. 2,107,055; Feb. 1.
Jensen, Thormod, Laurelton, and A. Van Veen, Brooklyn, N. Y., assignors to American Machine & Foundry Company. Helical single knife type bread slicer. 2,107,002; Feb. 1.
Johns-Manville Corporation. (See Bruce, D. S., and Berg, assignors.)
Johns-Manville Corporation. (See Christenson, George, assignor.)
Johnson, Allen M., Greenfield, Ohio. Garment protector for garment hangers. 2,107,003; Feb. 1.
Johnson, Charles B., Monroe, assignor to Woodall Industries Incorporated, Detroit, Mich. Visor construction. 2,107,247; Feb. 1.
Johnson, Fred V., Baltimore, Md., and R. R. Nydegger, Wilmington, Del., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strands. 2,106,803; Feb. 1.
Johnson, John W., Manhasset, N. Y. Roller bearing for printing machines. 2,107,117; Feb. 1.
Johnson, Lawrence R., assignor to The Chandler & Price Company, Cleveland, Ohio. Sheet registering device for printing presses. 2,107,248; Feb. 1.
Johnston, Charles E. (See Olesen, Jens A., assignor.)
Junkers Flugzeug- und Motorenwerke Aktiengesellschaft. (See Wilcken, Karl, assignor.)
Kamenstein, Meyer, Brooklyn, N. Y. Closure operating mechanism for waste cans. 2,106,892; Feb. 1.
Kameram, Sonti, New Forest, Debra Dun, British India. Wood preservative composition. 2,106,978; Feb. 1.
Karnes, James C., Buffalo, N. Y., and G. J. Kessenich, Madison, Wis. Container. 2,106,748; Feb. 1.
Katz, Sidney, Boston, Mass. Football card game. 2,106,846; Feb. 1.
Kaufmann, Frank H., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Device for warp leasing. 2,107,004; Feb. 1.
Kavanaugh, Robert H., Brewer, Maine. Protection of bodies for sandblasting ornamentation. 2,106,979; Feb. 1.
Kavanaugh, Robert H., Brewer, Maine. Sandblast ornamentation. 2,106,980; Feb. 1.
Kavanaugh, Robert H., Brewer, Maine. Stencil for use in sandblasting. 2,106,981; Feb. 1.
Kay-Brunner Steel Products Inc. (See Low, John J., assignor.)
Kelsey-Hayes Wheel Company. (See Ash, Charles S., assignor.)
Kemp, Lebbeus C., Jr. (See Kuhn, W. E., and Kemp, assignors.)
Kennon, Louis H., Houston, Tex. Valve. 2,107,200; Feb. 1.
Kepfer, Raymond J., Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Galvanizing flux. 2,106,982; Feb. 1.
Kessenich, Gregory J. (See Karnes, J. C., and Kessenich.)
Killoran, Joseph L. (See Elvin, W. J., and Killoran.)
Kinatome Patents Corporation. (See Foster, Warren D., assignor.)
King, Archie P. (See Southworth, G. C., and King.)
King, Ralph E., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone signaling system. 2,107,154; Feb. 1.
Kinnear, Mary A., Worcester, Mass. Combination crib and cradle. 2,106,927; Feb. 1.
Kippenberg, Hermann, and P. Künzer, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio mounting device. 2,107,037; Feb. 1.
Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Regulating device for thermo-compressors. 2,106,904; Feb. 1.
Kirsch, Walter S. (See Yacker, J., and Kirsch.)
Kistner, Herman H., Baltimore, Md., assignor to Kistner Lock & Appliance Company. Casement window and door lock. 2,107,056; Feb. 1.
Kistner Lock & Appliance Company. (See Kistner, Herman H., assignor.)
Klaassens, Klaas H. (See de Boer, J. H., and Klaassens.)
Kleinknuf, James B., East Orange, and D. K. Martin, West Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio directional indicator. 2,107,155; Feb. 1.
Klipstein, Kenneth H., Short Hills, assignor to Calco Chemical Co., Inc., Bound Brook, N. J. Wood preservative. 2,106,983; Feb. 1.
Knapp, John F., Oakland, Calif., assignor to American Tractor Equipment Corporation. Earth moving device. 2,107,118; Feb. 1.
Knapp-Monarch Company. (See Smith, Howard A., assignor.)
Kniephamp, Heinrich, Berlin-Pankow, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electric discharge apparatus. 2,106,847; Feb. 1.
Knight, Jesse L., Powellton, assignor of one-half to J. A. Burgess, Montgomery, W. Va. Combination mining bit gauge and wrench. 2,106,749; Feb. 1.
Koch, Nicholas E., Los Angeles, Calif. Safety apparatus for liquid fuel containers. 2,106,750; Feb. 1.
Kölm, Ulrich. (See Weinlich, H. A., and Kölm.)
König, Hermann T. J., Dordrecht, Netherlands, assignor to N. V. Stikstofbindingsindustrie "Nederland". Producing anhydrous alkali metal sulphides. 2,106,952; Feb. 1.
Koppers Company. (See Gollmar, Herbert A., assignor.)
Kops Brothers, Inc. (See Kops, Waldemar, assignor.)
Kops, Waldemar, assignor to Kops Brothers, Inc., New York, N. Y. Foundation garment. 2,107,121; Feb. 1.
Krein, Frederick T., Park Ridge, assignor to Dixie-Vortex Company, Chicago, Ill. Making frozen confections. 2,106,893; Feb. 1.
Krupa, Victor, New York, N. Y., assignor to Peerless Film Processing Corporation. Film processing. 2,106,751; Feb. 1.
Krupp, Louis, Boston, Mass. Handbag and purse combination. 2,107,201; Feb. 1.
Kuhn, Wayne E., and L. C. Kemp, Jr., Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Mineral oil distillation. 2,107,156; Feb. 1.
Kühnel, Paul. (See Tramm, H., Clar, Kühnel, and Schulz.)
Künser, Paul. (See Kippenberg, H., and Künser.)
Küppenbender, Heins, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,106,894; Feb. 1.
Lalee, Clemens A., Tenafly, N. J. Composition of matter. 2,107,122; Feb. 1.
Land, Edwin H., Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J. Field divider. 2,106,752; Feb. 1.
Landau, Morris, et al. (See Tavin, F., and Haas, assignors.)
Lang, William E., Lexington, Ky. Apparatus for treating depleted oil sands. 2,107,006; Feb. 1.
Lang, William E., Lexington, Ky. Increasing recovery from oil sands. 2,107,007; Feb. 1.
Lang, Wilmarth Y., Towaco, N. J., and E. F. Watson, Larchmont; said Lang assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Watson assignor to American Telephone and Telegraph Company, Teletypewriter. 2,106,905; Feb. 1.
Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Bowden wire. 2,107,184; Feb. 1.
Lasker, William W., Jr., Brooklyn, N. Y. Sensing device. 2,107,008; Feb. 1.
Latimer, Chester W., West Orange, N. J., and J. L. Finch, Patchogue, and H. H. Beverage, Riverhead, N. Y., assignors to Radio Corporation of America. Relay system. 2,106,906; Feb. 1.
Laucks, I. F., Inc. (See Ellertsen, Leo W., assignor.)
Le Coq, Martha W. (See Le Coq, William L. and M. W.)
Le Coq, William L. and M. W., Philadelphia, Pa. Garment pattern. 2,106,895; Feb. 1.
Lederer, Anton, deceased, Vienna, Austria; C. Danser and C. Randa, executors, assignors to E. A. Lederer, Glen Ridge, N. J. Electric discharge tube or lamp. 2,106,753; Feb. 1.
Lederer, Anton, deceased, by K. Danser and C. Randa, Vienna, Austria, executors, assignors to E. A. Lederer, Glen Ridge, N. J. Electric discharge device. 2,106,754; Feb. 1.
Lederer, Ernest A. (See Lederer, Anton, assignor.)
Lee, Charles M., Falls City, Nebr. Air or watercraft propulsion. 2,106,928; Feb. 1.
Le Fevre, Walter J., and J. W. Britton, assignors to The Dow Chemical Company, Midland, Mich. Cellulose ether recovery. 2,107,008; Feb. 1.
Legg, David A., Terre Haute, and N. R. Tarvin, Brazil, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Fermentation of beet molasses. 2,107,261; Feb. 1.
Legg, David A., Terre Haute, and N. R. Tarvin, Brazil, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Beet molasses fermentation. 2,107,262; Feb. 1.

Lennard, McLennan, Regent's Park, London, England. Projection screen. 2,107,038; Feb. 1.
Leventhal, Jacob F., and S. Bagno, assignors to Leventhal Patents, Inc., New York, N. Y. Ribbon feeding mechanism. 2,107,039; Feb. 1.
Leventhal Patents, Inc. (See Leventhal, J. F., and Bagno, assignors.)
Lewis, Harold A., Wilmington, Del., and F. R. Wilson, Bloomfield, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive. 2,107,157; Feb. 1.
Lewis, Herbert A., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,107,158; Feb. 1.
Liebel-Flarsheim Company, The. (See Liebel, J. G. H., and Flarsheim, assignors.)
Liebel, John G. H., and R. S. Flarsheim, assignors to The Liebel-Flarsheim Company, Cincinnati, Ohio. Surgical apparatus. 2,107,057; Feb. 1.
Lionel Corporation, The. (See Bonanno, Joseph L., assignor.)
Lock, Ritchie H., Chigwell, England. Glycerol monolactate triacetate and making same. 2,107,202; Feb. 1.
Lock, Ritchie H., Chigwell, England. Application of a plasticising agent for cellulose derivatives. 2,107,203; Feb. 1.
Locke, Karl, and R. Brunhuber, Berlin-Tempelhof, Germany. Zero resetting mechanism for registers. 2,106,807; Feb. 1.
Lockwood, Edwin H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Removable oven vent grille for electric ranges. 2,106,848; Feb. 1.
Lomax, Frank B., Chicago, Ill. Filtering eggs. 2,107,040; Feb. 1.
Long, Robert B., Dayton, Ohio. Fire alarm box. 2,106,840; Feb. 1.
L'Orange, Prosper, Stuttgart-Feuerbach, Germany. Internal combustion engine. 2,106,914; Feb. 1.
Low, John J., Los Angeles, Calif., assignor to Kay-Brunner Steel Products Inc. Implement mounting for road working machines. 2,107,123; Feb. 1.
Ludewig, Richard, Leipzig, Germany. Cross folding machine. 2,106,983; Feb. 1.
Ludwig, Leon R. (See Klapian, J., and Ludwig.)
Luhrman, Albert H., Cincinnati, Ohio. Battery grid casting machine. 2,107,041; Feb. 1.
Lyman, Kenneth B., Lake Forest, Ill. Automatic clutch. 2,107,075; Feb. 1.
Mace, Charles E., assignor of one-half to H. S. Vinson, Ottumwa, Iowa. Door latch and lock structure. 2,106,954; Feb. 1.
Mack Molding Company. (See Mackesy, Kenneth W., assignor.)
Mackesy, Kenneth W., Montclair, assignor to Mack Molding Company, Wayne, N. J. Molded knob. 2,107,204; Feb. 1.
MacMillan, John H., Jr., Minneapolis, Minn. Cigarette package. 2,107,042; Feb. 1.
Magnaflux Corporation. (See Betz, Carl E., assignor.)
Magner, Phillip G., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Psychrometer. 2,107,077; Feb. 1.
Mahle, Ernst, Stuttgart, Germany. Apparatus for molding strut pistons. 2,107,009; Feb. 1.
Marchok, John M. (See Salzman, T. J., and Marchok.)
Markert, John, New York, N. Y. Adjustable stand. 2,107,124; Feb. 1.
Markwood, Louis N., Washington, D. C., dedicated to the free use of the people of the United States of America. Making an insecticide. 2,107,058; Feb. 1.
Marmon-Herrington Company. (See Herrington, Arthur W., assignor.)
Marshall, Hamilton L. J., assignor to Osteograf Co., Inc., Troy, Ala. Portable self-contained X-ray apparatus. 2,106,873; Feb. 1.
Martel, James P., Evanston, Ill., assignor to Oliver United Filters Incorporated, San Francisco, Calif. Drier. 2,106,916; Feb. 1.
Martin, De Loss K. (See Kleinknuf, J. D., and Martin.)
Martone, Thomas A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coloring material. 2,107,159; Feb. 1.
Mason Bex Company, The. (See Rhodes, Russell I., assignor.)
Mason, George W., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,107,076; Feb. 1.
Masters, Arthur P. (See Townsend, O. A., and Masters.)
Maston, Edward H. (See Brunt, J. P., and Maston.)
McAfoos, Lawrence E., Pittsburgh, assignor to Reliance Steel Products Company, Rankin, Pa. Water cooler for furnaces. 2,107,185; Feb. 1.
McArthur, Joseph, assignor to James Heddon's Sons, Dowagiac, Mich. Fish lure. 2,106,755; Feb. 1.
McClure, Charles B., Denver, Colo., assignor to L. L. McClure. Water temperature control valve. 2,106,929; Feb. 1.
McClure, Lenore L. (See McClure, Charles B., assignor.)
McComb, Parker, Monroe, La. Treating carbonates. 2,107,255; Feb. 1.
McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulating conductors. 2,106,850; Feb. 1.
McCulloch, Norman E., Pawtucket, and W. A. Bourne, Barrington, R. I., assignors to The Rayon Processing Co. of R. I., Inc. Shredded sheet material. 2,106,896; Feb. 1.
McDonald, Edward F., Buffalo, N. Y., assignor to Faries Manufacturing Company, Decatur, Ill. Smoking stand and accessories therefor. 2,107,010; Feb. 1.
McIntosh, Robert D. (See Beehler, V. D., and McIntosh.)
McLendon, Randall L., St. Simons Island, Ga. Bed. 2,107,205; Feb. 1.
Meagher, Edward J. (See Brescka, R. S., and Meagher.)
Melton, Romie L., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Testing and classifying bonded granular bodies. 2,107,186; Feb. 1.
Mendelsohn, Louis H., Paterson, N. J. Making stockings. 2,107,078; Feb. 1.
Mentele, Hubert A., Canova, S. Dak. Fuel injection pump. 2,107,079; Feb. 1.
Mercer, Richard, Kenton, England, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic or semiautomatic telephone system. 2,106,897; Feb. 1.
Metal Box Company, The. (See Blakeway, Arthur H., assignor.)
Michell, Anthony G. M., Melbourne, Australia. Nut. 2,106,934; Feb. 1.
Midvale Company, The. (See Sachse, Julius F., assignor.)
Miesner, Benjamin F., Short Hills, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplifying and reproducing system. 2,107,125; Feb. 1.
Miller Company, The. (See Doane, Leroy C., assignor.)
Miller, Marvin F. (See Shiffler, W. H., Holm, and Miller.)
Miller, Robert C., Uniontown, Pa. Aeroplane seat structure. 2,106,985; Feb. 1.
Miller, Wayland R., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Unit ventilator control system. 2,106,898; Feb. 1.
Mills Novelty Company. (See Trask, Allen, assignor.)
Miner, W. H., Inc. (See Olander, Roland J., assignor.)
Minkow, Robert, assignor to Hobbs Sales & Service Station, Inc., New York, N. Y. Form separator. 2,107,206; Feb. 1.
Minneapolis-Honeywell Regulator Company. (See Magner, Philip G., assignor.)
Minneapolis-Honeywell Regulator Company. (See Miller, Wayland R., assignor.)
Mitchell, James M., Old Lyme, Conn. Animal trap. 2,107,080; Feb. 1.
Moffitt Automatic Lock Company Limited, The. (See Moffitt, Duncan D. M., assignor.)
Moffitt, Duncan D. M., Arapito, Westport, assignor to The Moffitt Automatic Lock Company Limited, Westport, New Zealand. Lock. 2,106,955; Feb. 1.
Monnahan, J. L. (See Tonkin, Albert, assignor.)
Moorshead, Thomas C., and E. P. Dorman, Strand, London, England, assignors, by mesne assignments, to Ball Brothers Company, Muncie, Ind. Machine for making hollow glassware. 2,107,011; Feb. 1.
Moorshead, Thomas C., London, England, assignor, by mesne assignments, to Ball Brothers Company, Muncie, Ind. Feeding glass to glass shaping machines. 2,107,012; Feb. 1.
Moorshead, Thomas C., Strand, London, assignor to The United Glass Bottle Manufacturers Limited, London, England. Feeding glass to glass forming machines. 2,106,899; Feb. 1.
Morgan, Delevan F., Oak Park, assignor to Nucord company, Chicago, Ill. Belt. 2,107,013; Feb. 1.
Morkisch, Erwin F., Pasadena, Calif. Flush valve control. 2,106,916; Feb. 1.
Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Motor fuel composition. 2,107,059; Feb. 1.
Munsill, Marcus M. (See Hobart, Louis C., assignor.)
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,107,207; Feb. 1.
Murphy, Edward A., Wylde Green, Birmingham, and S. D. Taylor, Sutton Coldfield, assignors to Dunlop Rubber Company Limited, London, England. Producing porous sheets of rubber. 2,106,808; Feb. 1.
N. V. Philips' Gloeilampenfabrieken. (See de Boer, J. H., and Klaassens, assignors.)
N. V. Stikstofbindingsindustrie "Nederland". (See König, Hermann T. J., assignor.)
Nakamura, Uhei, Misoh-mura, Osaka, Japan. Device for supporting steam pipe lines. 2,106,956; Feb. 1.
Nankivell, Frederick W., Chicago, Ill. Vegetable cutter. 2,107,208; Feb. 1.
Nash-Kelvinator Corporation. (See Mason, George W., assignor.)
National Rubber Machinery Company. (See Woodin, Charles K., assignor.)
New Jersey Zinc Company, The. (See Wilhelm, Ernest J., assignor.)
Newman, J. Randolph. (See Auer, Lassle, assignor.)
Niagara Machine & Tool Works. (See Orton, Frederic, assignor.)
Nielsen, John F., Corona, Long Island, assignor to United Research Corporation, Long Island City, N. Y. Changeover for sound picture apparatus. 2,106,957; Feb. 1.

Nigra Duplicator Company. (See Nigra, Ferdinand, assignor.)

Nigra, Ferdinand, assignor to Nigra Duplicator Company, San Francisco, Calif. Variable speed belt drive. 2,106,920; Feb. 1.

Nippon Gaishi Kabushiki Kaisha. (See Ihara, Seytiro, assignor.)

Nordberg, Martin E. (See Hood, H. P., and Nordberg.)

Nordell, Carl H., assignor to Chicago Pump Company, Chicago, Ill. Combined straining and comminuting apparatus. 2,106,861; Feb. 1.

Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Blank aligning mechanism and method. 2,107,043; Feb. 1.

Nuseed Company. (See Morgan, Delevan F., assignor.)

Nutrition Research Laboratories, Inc. (See Whittier, Charles C., assignor.)

Nydegger, Roland R. (See Johnson, F. V., and Nydegger.)

Nyman, Emil. (See Collison, E. E., and Nyman.)

Oakes Products Corporation. (See Sandberg, Ray A., assignor.)

Obermaier, John A., Chicago, Ill. Liquid level change detector. 2,106,756; Feb. 1.

Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Floor rack. 2,106,852; Feb. 1.

Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Floor rack for refrigerator cars. 2,106,853; Feb. 1.

Oldenbloom, Derk J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Perforating machine. 2,107,100; Feb. 1.

Olesen, Jens A., assignor to C. E. Johnston, Toronto, Ontario, Canada. Closure for containers. 2,107,256; Feb. 1.

Olin, John F., Grosse Ile, Mich., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Preparing phenolic compounds. 2,107,090; Feb. 1.

Oliver Farm Equipment Company. (See Altgelt, Herman E. and R. J., assignors.)

Oliver United Filters Incorporated. (See Martel, James F., assignor.)

Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake system. 2,106,757; Feb. 1.

Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure brake system. 2,106,758; Feb. 1.

Olsen, Andrew, Jr. (See Robinson, R. W., and Olsen.)

O'Neal, George R., Washington, D. C., assignor to G. H. Hutaff, Jr., Wilmington, N. C. Eraser for typewriters. 2,107,209; Feb. 1.

Oppan, Erich. (See Bantz, T., Grave, and Oppan.)

Opticolor Aktiengesellschaft. (See Gretener, Edgar, assignor.)

Orton, Frederic, assignor to Niagara Machine & Tool Works, Buffalo, N. Y. Inclining device for inclinable punch presses. 2,106,917; Feb. 1.

Osteograf Co. (See Marshall, Hamilton L. J., assignor.)

Otte, Otho M., Tarentum, Pa., assignor to Allegheny Steel Company. Making grid resistors. 2,107,187; Feb. 1.

Owens, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double window construction. 2,106,900; Feb. 1.

Owens, Charles, Chattanooga, Tenn. Orthopedic instrument. 2,107,081; Feb. 1.

Packard Motor Car Company. (See Griswold, Walter R., assignor.)

Packard Motor Car Company. (See Hammerl, Jacob, assignor.)

Packard Motor Car Company. (See Paton, Clyde R., assignor.)

Packard Motor Car Company. (See Tibbetts, Milton, assignor.)

Packard Motor Car Company. (See Wiegman, Clarence H., assignor.)

Page, Ralph E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Punch. 2,107,161; Feb. 1.

Palm, Blake, Washington, D. C. Elevator construction. 2,107,210; Feb. 1.

Pannonia Bárinybörmemesitö és Kereskedelmi r. t. (See Wilhelm, Alexander, assignor.)

Paquin, Frank H., Groveland, Mass. Applicator grid for cementing machines. 2,106,854; Feb. 1.

Parker Rust Proof Company. (See Gordon, Robert H., assignor.)

Parkins, Wright A. (See Ryder, E. A., and Parkins.)

Pasman, Abram N., Milford, Conn. Convertible sink strainer. 2,107,126; Feb. 1.

Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,106,874; Feb. 1.

Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,107,062; Feb. 1.

Patterson, Joseph A., Brave, Pa. Nonrefillable bottle. 2,107,049; Feb. 1.

Paulsen, Thomas E., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Wheeled scraper. 2,106,759; Feb. 1.

Pavelka, Frank E., San Antonio, Tex. Game apparatus. 2,107,211; Feb. 1.

Peace, Harvey W., Toronto, Ontario, assignor to Canada Cycle & Motor Company, Limited, Weston, Ontario, Canada. Bicycle. 2,107,551; Feb. 1.

Pearce, Edwin S., assignor to Railway Service & Supply Corporation, Indianapolis, Ind. Apparatus for treating fibrous waste for journal box use. 2,106,966; Feb. 1.

Pearcy, Noah C., Park Ridge, Ill., assignor to Westinghouse Electric & Manufacturing Company. Space-current device. 2,106,855; Feb. 1.

Peck, Robert H. (See Davis, C. F., Brush, and Peck.)

Peel, Frederick W. (See Roberts, D., and Peel.)

Peerless Film Processing Corporation. (See Krupa, Victor, assignor.)

People of the United States, Dedicated to the free use of. (See Markwood, Louis N., assignee.)

Perazzoli, Henry L., Philadelphia, Pa. Transmission mechanism. 2,106,918; Feb. 1.

Petroleum Conversion Corporation. (See Colony, Myron W., assignee.)

Pettit, Fred E., Jr., Beverly Hills, Calif. Combined marine gearset and reduction gear. 2,106,958; Feb. 1.

Pfleghar, Alfons, assignor to Elektro-Bohner G. m. b. H., Stuttgart-Bad Cannstatt, Germany. Sheet metal container. 2,107,212; Feb. 1.

Phillips, John, Oakland, Calif. Positive pressure compressor. 2,106,950; Feb. 1.

Pier, Mathias, and A. Eisenhut, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of highly viscous oils. 2,106,960; Feb. 1.

Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Conductor protecting tap clamp. 2,107,061; Feb. 1.

Pittsburgh Plate Glass Company. (See Halbach, Clyde J., assignor.)

Pittsburgh Plate Glass Company. (See Halbach, Howard L., assignor.)

Pittsburgh Plate Glass Company. (See Owen, William, assignor.)

Pletcher, Clarence B., St. Joseph, Mich. Blast gun. 2,107,084; Feb. 1.

Poirier, Alphonse, Dutton, Mont. Candy puller. 2,107,213; Feb. 1.

Polk, Henry H., Jr., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 2,107,162; Feb. 1.

Polson, Virgil L., East Moline, Ill. Photographic print drier. 2,106,931; Feb. 1.

Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Two-color ribbon mechanism. 2,107,044; Feb. 1.

Powell, Laurence C., Portsmouth, Va. Distortion check for welding apparatus. 2,106,987; Feb. 1.

Prange, Charles H., Lyndhurst, N. J., and E. H. Zahn, Port Washington, assignors to Austenal Laboratories, Inc., New York, N. Y. Swaged denture and making the same. 2,106,899; Feb. 1.

Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,107,163; Feb. 1.

Price Brothers, Inc. (See Hammer, Hyman C., assignor.)

Price, Robert B., Oakland, assignor to American Tractor Equipment Corporation. Earth moving device. 2,107,119; Feb. 1.

Radio Corporation of America. (See Barton, Frederick C., assignor.)

Radio Corporation of America. (See Carson, B. R., and Zimmerman, assignors.)

Radio Corporation of America. (See Goldsborough, Thaddeus R., assignor.)

Radio Corporation of America. (See Hoehn, John J., assignor.)

Radio Corporation of America. (See Latimer, C. W., Finch, and Beverage, assignors.)

Radio Corporation of America. (See Miessner, Benjamin F., assignor.)

Radio Corporation of America. (See Scheldorf, Marvel W., assignor.)

Radio Corporation of America. (See Searing, H. R., and Shipstedt, assignors.)

Radio Corporation of America. (See Suomala, John B., assignor.)

Radio Corporation of America. (See Trevor, B., and George, assignors.)

Radio Corporation of America. (See Tunick, Harry, assignor.)

Radio Corporation of America. (See Volk, Joseph A., assignor.)

Railway Service & Supply Corporation. (See Pearce, Edwin S. assignor.)

Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,107,127; Feb. 1.

Raizins, George W., and L. W. Clemence, Philadelphia, Pa., assignors to Abbott Laboratories, North Chicago, Ill. B-methyl butyl cresols. 2,106,760; Feb. 1.

Ralston, Andersen W., and S. T. Bauer, assignors to Armour and Company, Chicago, Ill. Hydroxylated fish oil fatty acids and preparing the same. 2,107,062; Feb. 1.

Randa, Conrad, et al., executors. (See Lederer, Anton.)

Randa, General C., et al., executors. (See Lederer Anton.)

Rasmussen, Christian A., Cleveland, Ohio. Electric controller construction. 2,107,045; Feb. 1.

Rassmann, Hugo C., Beaver Dam, Wis. Seeder. 2,106,901; Feb. 1.

Raybestos-Manhattan, Inc. (See Soule, Kenneth J., assignor.)

Rayon Processing Co. of R. I., Inc., The. (See McCulloch, N. H., and Bourne, assignors.)

Rechtin, Clarence R., and R. Jantsch, assignors to The J. H. Day Company, Cincinnati, Ohio. Ink mill. 2,107,214; Feb. 1.

Reingruber, Engelbert, Vienna, Austria, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Paper feeding mechanism. 2,107,128; Feb. 1.

Reliance Steel Products Company. (See McAfoos, Lawrence R., assignor.)

Rembert, Ernest W., Plainfield, N. J. Making granular material. 2,107,215; Feb. 1.

Remington Rand Inc. (See Dreher, Elmer H., assignor.)

Remington Rand Inc. (See Lester, William W., assignor.)

Rengier, Ralph E., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,106,810; Feb. 1.

Rhodes, Russell L., North Attleboro, assignor to The Mason Box Company, Attleboro Falls, Mass. Making cardboard articles. 2,107,095; Feb. 1.

Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Tap construction. 2,107,164; Feb. 1.

Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Tap construction. 2,107,165; Feb. 1.

Richmond Screw Anchor Co. (See Schenk, Tamis C., assignor.)

Richter, George A., assignor to Brown Company, Berlin, N. H. Preparation of acetone-soluble cellulose acetate. 2,106,811; Feb. 1.

Richter, George A., and H. P. Vannah, assignors to Brown Company, Berlin, N. H. Xanthating cellulose. 2,106,812; Feb. 1.

Riebel, Charles W. (See Willett, Benedict E., assignor.)

Robaczynski, Ladislaus, Brooklyn, N. Y. Needle bed construction. 2,106,919; Feb. 1.

Roberts, Dudley, New York, and F. W. Peel, Yonkers, N. Y., assignors to Rubatex Products, Inc., Wilmington, Del. Airplane. 2,106,761; Feb. 1.

Robinson, Charles A. (See Caswell, J. A., and Robinson.)

Robinson, Reed W., and A. Olsen, Jr., San Francisco, Calif. Controlled-grain sugar. 2,106,762; Feb. 1.

Rockwell-Barnes Company. (See Baleman, T. J., and Marchok, assignors.)

Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Pattern controlled milling machine. 2,107,063; Feb. 1.

Rogers, Harry L., Brooklyn, N. Y. Receptacle and closure therefor. 2,107,216; Feb. 1.

Rohatyn, Isaac W., New York, N. Y. Waist band for garments. 2,107,046; Feb. 1.

Röhm & Haas Company. (See Bruson, Herman A., assignor.)

Rohn, Chester F. and F. A., Milwaukee, Wis. Shoe structure. 2,107,129; Feb. 1.

Rohn, Franklyn A. (See Rohn, Chester F. and F. A.)

Romanow, Frank F., West Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,106,813; Feb. 1.

Römer, Elisabeth, New York, N. Y. Automatic multiphoto apparatus. 2,106,814; Feb. 1.

Rorem, Bernard E., Evanston, Ill. Record keeping device. 2,106,856; Feb. 1.

Rosen, Carl G. A., Oakland, assignor to Caterpillar Tractor Co., San Leandro, Calif. Engine. 2,106,920; Feb. 1.

Rosén, Carl G. A., Oakland, assignor to Caterpillar Tractor Co., San Leandro, Calif. Engine. 2,106,932; Feb. 1.

Rowe, William W., Cincinnati, assignor, by mesne assignments, to Bemis Bro. Bag Co., St. Louis, Mo. Seamed bag. 2,106,975; Feb. 1.

Royal, Thomas M., & Co. (See Hepke, William C., assignor.)

Rubatex Products, Inc. (See Roberts, D., and Peel, assignors.)

Ruhrchemie Aktiengesellschaft. (See Tramm, H., Clar, Kühnel, and Schuff, assignors.)

Rumsey, Herbert, Jr., Nutley, N. J. Forming meat products. 2,107,096; Feb. 1.

Rumsey, Herbert, Jr., Nutley, N. J. Packing meat products. 2,107,166; Feb. 1.

Ryder, Earle A., and W. A. Parkins, West Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Temperature control means for machine lubricating systems. 2,107,188; Feb. 1.

Sachse, Julius F., assignor to The Midvale Company, Philadelphia, Pa. Treating austenitic chrome-nickel steel alloys. 2,107,014; Feb. 1.

Saint Genies, Ann H. J. d. L., Versailles, France. Reproduction of lenticular films. 2,106,933; Feb. 1.

Salzman, Thomas J., and J. M. Marchok, assignors to Rockwell-Barnes Company, Chicago, Ill. Bookbinding. 2,107,217; Feb. 1.

Sandberg, Ray A., Waukegan, assignor to Oakes Products Corporation, North Chicago, Ill. Brake lever construction. 2,107,047; Feb. 1.

Sandberg, Ray A., Waukegan, assignor to Oakes Products Corporation, North Chicago, Ill. Bumper guard. 2,107,048; Feb. 1.

Sands, Roy C., Waukegan, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Substation protector. 2,106,902; Feb. 1.

Sangamo Electric Company. (See Holtz, Frederick C., assignor.)

Saulnier, Raymond, Puteaux, France. Landing gear for aircraft. 2,106,934; Feb. 1.

Scharfenberg, Karl, Berlin-Nikolassee, Germany. Automatic car coupler. 2,107,218; Feb. 1.

Scheldorf, Marvel W., Hadden Heights, N. J., assignor to Radio Corporation of America. Acoustic diaphragm and making same. 2,106,815; Feb. 1.

Schenk, Charles J., Buckeye, Ariz. Windmill. 2,107,219; Feb. 1.

Schenk, Tamis C., New York, assignor to Richmond Screw Anchor Co., Inc., Brooklyn, N. Y. Preventing the formation of continuous voids in concrete masses. 2,107,130; Feb. 1.

Schering-Kahlbaum A. G. (See Schwenk, E., Gehrke, and Hildebrandt, assignors.)

Schiavi, Vincent, Wilmington, Del. Retainer for expansion joint strips. 2,106,935; Feb. 1.

Schlachta, Frank, assignor of one-half to A. K. Syplen, Pittsburgh, Pa. Upholstered furniture. 2,107,087; Feb. 1.

Schmale, Harry W. (See Geerke, H. E., Bystrom, and Schmale.)

Schmid, Hans H., Mars, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Sheet carrier. 2,107,189; Feb. 1.

Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser scoop apparatus. 2,106,961; Feb. 1.

Schneider & Cie. (See Fleux, Jean, assignor.)

Schubert, Friedrich, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,106,876; Feb. 1.

Schuff, Walter. (See Tramm, H., Clar, Kühnel, and Schuff.)

Schuls, Frank J., Rochester, N. Y. Tool for removing paint, varnish, lacquer, shellac, etc. 2,107,220; Feb. 1.

Schwenk, Erwin, New York, N. Y., M. Gehrke, Birkenwerder, near Berlin, and F. Hildebrandt, Hohen Neuendorf, near Berlin, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Purifying crude extracts of the germinal gland hormones and isolating the latter therefrom. 2,106,763; Feb. 1.

Schwinn, Frederick S., Houston, Tex. Railway tie plate and retaining clip. 2,107,131; Feb. 1.

Scott, Leslie E., and E. A. Smith, San Jose, Calif. Refrigerating apparatus. 2,107,088; Feb. 1.

Scovill Manufacturing Company. (See Fenton, Paul E., assignor.)

Searing, Hudson R., New York, and A. F. Shipstedt, North Pelham, N. Y., assignors to Radio Corporation of America. Phonograph. 2,106,764; Feb. 1.

Secretary of Agriculture of the United States of America. (See Gaus, George M., assignor.)

Semrau, Hugo F. (See Stein, J. A., and Semrau.)

Shapiro, Isaac, et al. (See Balton, James, assignor.)

Shapiro, Joseph, et al. (See Balton, James, assignor.)

Shapiro, Nathan, et al. (See Balton, James, assignor.)

Shapiro, Samuel, et al. (See Balton, James, assignor.)

Sharples Solvents Corporation, The. (See Olin, John F., assignor.)

Shaw, Victor S., Cardington, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Plastic extrusion molding press. 2,107,190; Feb. 1.

Sheaffer, W. A., Pen Company. (See Helsing, William F., assignor.)

Sheaffer, W. A., Pen Company. (See Polk, Henry H., Jr., assignor.)

Sheet Polariser Company. (See Land, Edwin H., assignor.)

Shell Development Company. (See Evans, Theodore, assignor.)

Shell Development Company. (See Moser, Frans R., assignor.)

Shell Development Company. (See van der Waerden, Hendrikus, assignor.)

Shell Development Company. (See van Peski, Adrianus J., assignor.)

Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Automobile frame adjunct. 2,107,191; Feb. 1.

Sherman, John O., Dayton, Ohio. Attachment for writing machines. 2,106,765; Feb. 1.

Sherts, James H., and B. J. Dennison, Tarentum, Pa., assignors to Duplate Corporation. Making safety glass. 2,106,766; Feb. 1.

Shiffer, William H., and M. M. Holm, Berkeley, and M. F. Miller, Albany, assignors to Standad Oil Company of California, San Francisco, Calif. Producing alcohols from alkyl sulphuric acids. 2,106,877; Feb. 1.

Shimizu, Isau. (See Shimizu, Frank K. and E.)

Shimizu, Frank K. and E., San Jose, Calif. Berry basket. 2,106,816; Feb. 1.

Shipstedt, Axel F. (See Searing, H. R., and Shipstedt.)

Short, Bladen M., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover and lock therefor. 2,107,015; Feb. 1.

Siemens & Halske Aktiengesellschaft. (See Wolf, Fritz, assignor.)

Siemens-Schuckertwerke Aktiengesellschaft. (See Knieppkamp, Heinrich, assignor.)

Sierad, Milton, assignor to George W. Button Corporation, New York, N. Y. Bottle closure. 2,107,167; Feb. 1.

Sinclair, Henry L., Houston, Tex., assignor to Houston Compress Company. Portable elevator. 2,106,878; Feb. 1.
Slepian, Joseph, Pittsburgh, and L. R. Ludwig, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,106,857; Feb. 1.
Smith, A. O., Corporation. (See Sherman, Donald W., assignor.)
Smith, Ernest A. (See Scott, L. E., and Smith.)
Smith, Franklin S., New Haven, Conn. Condenser construction. 2,107,132; Feb. 1.
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Light weight sadiron construction. 2,106,936; Feb. 1.
Smith, Lloyd B., Moorestown, N. J., S. R. Funsten, Rosemont, and H. W. Field, Glen Mills, assignors to The Atlantic Refining Company, Philadelphia, Pa. Producing a hydrocarbon fluorescent product. 2,106,767; Feb. 1.
Smith, Sydney E. (See Hagle, Lydia A., assignor.)
Smithe, F. L., Machine Co. (See Novick, Abraham, assignor.)
Snelling, Walter O., Allentown, Pa. Preparation of soy sauce. 2,107,133; Feb. 1.
Snyder, Eugene L., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,107,016; Feb. 1.
Snyder, Frederick D., East Milton, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,106,858; Feb. 1.
Societe Anonyme Adolphe Saurer. (See Fleury, Werner, assignor.)
Société Anonyme: Société des Freins Hydrauliques S. de Lavaud. (See Brisson, Louis C., assignor.)
Somers, Herbert L. (See Coons, Ural E., assignor.)
Soule, Kenneth J., Ridgewood, assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Sealing gasket. 2,106,817; Feb. 1.
Southworth, George C., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Filter system for high frequency electric waves. 2,106,768; Feb. 1.
Southworth, George C., Red Bank, N. J., assignor to American Telephone and Telegraph Company. Transmission of guided waves. 2,106,769; Feb. 1.
Southworth, George C., Red Bank, N. J., assignor to American Telephone and Telegraph Company. Ultrahigh frequency signaling. 2,106,771; Feb. 1.
Southworth, George C., and A. P. King, Red Bank, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus and method for receiving electromagnetic wave signals on dielectric guides. 2,106,770; Feb. 1.
Spang, Ferdinand J., Butler, Pa. Hook wall packer. 2,106,859; Feb. 1.
Spilhaus, Athelstan F., Cambridge, Mass. Air condition indicator. 2,107,017; Feb. 1.
Square D Company. (See Jackson, John G., assignor.)
Standard Coin Wrappers, Incorporated. (See Francis, Joseph N., assignor.)
Standard-I. G. Company. (See Ellis, Carleton, assignor.)
Standard Oil Company. (See Adams, C. E., Sullivan, and Anderson, assignors.)
Standard Oil Company of California. (See Shiffler, W. H., Holm, and Miller, assignors.)
Standard Oil Development Company. (See Davis, Garland H. B., assignor.)
Standard Oil Development Company. (See Harris, J. M., Jr., and Black, assignors.)
Standard Oil Development Company. (See Wells, Alfred A., assignor.)
Star-Service Hanger Company. (See Coney, James D., assignor.)
Start, Ernest. (See Start, Harry W. and E.)
Start, Harry W., Carlton, and E. Start, Wilford, assignors to George Blackburn and Sons Limited, Nottingham, England. Straight-bar knitting machine. 2,107,221; Feb. 1.
Steel Heddle Manufacturing Company. (See Kaufmann, Frank H., assignor.)
Stein, Joseph A., Pittsburgh, and H. F. Semrau, Rosedale, Pa., assignors to Bacharach Industrial Instrument Company. Pressure recording apparatus and method. 2,106,772; Feb. 1.
Stowell, Edward R., Fort Wayne, Ind., assignor of one-half to W. Hoyt, Cleveland Heights, Ohio. Ceramic glasing composition. 2,106,879; Feb. 1.
Sullivan, Frederick W., Jr. (See Adams, C. E., Sullivan, and Anderson.)
Sullivan, Joseph M., Jackson Heights, N. Y. Combination metal awning and screen. 2,106,962; Feb. 1.
Summers, William J., Chicago, Ill. Micrometer gauge. 2,107,222; Feb. 1.
Sucmala, John B., Camden, N. J., assignor to Radio Corportion of America. Power transmission device. 2,106,773; Feb. 1.
Swartz, Carl E., Cleveland Heights, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Bearing metal alloy. 2,107,223; Feb. 1.
Sweeney, William J., Belleville, N. J. Display figure. 2,106,818; Feb. 1.
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Transmission mechanism. 2,107,089; Feb. 1.
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Water pump. 2,107,090; Feb. 1.
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Brake. 2,107,091; Feb. 1.
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Brake construction. 2,107,092; Feb. 1.
Sykes, George, Los Angeles, Calif. Fruit packing separator. 2,106,921; Feb. 1.
Sypien, Andrew K. (See Schlachta, Frank, assignor.)
Takach, Julius, Flushing Heights, Long Island, N. Y. Double slide window. 2,107,192; Feb. 1.
Taliaferro, William R. (See Harder, E. L., Hibbard, and Taliaferro.)
Tappan Stove Company, The. (See Bauer, William, assignor.)
Tarbox, John P., Philadelphia, Pa. Smoking pipe. 2,106,774; Feb. 1.
Tarvin, Noble R. (See Legg, D. A., and Tarvin.)
Tascher, Joseph, Brooklyn, N. Y. Flickering device. 2,106,922; Feb. 1.
Tatum, John C., Baltimore, Md. Car roof strurture. 2,106,988; Feb. 1.
Tavin, Frank, New York, N. Y., and H. Haas, Freehold, N. J., assignors to I. Eckstein, and M. Landau, doing business as I. D. Manufacturing Co., New York, N. Y. Making transparent puffing. 2,106,819; Feb. 1.
Taylor, Stanley D. (See Murphy, E. A., and Taylor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buschbeck, W., and Bruckner, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kippenberg, H., and Künzer, assignors.)
Teletype Corporation. (See Potts, Louis M., assignor.)
Terrell, Ralph A., assignor to Borg-Warner Corporation, Chicago, Ill. Electric welding apparatus. 2,107,093; Feb. 1.
Texas Company, The. (See Kuhn, W. E., and Kemp, assignors.)
Textile Machine Works. (See Gastrich, Gustav, assignor.)
Thibault, Emile H., Paris, France. Flying machine. 2,106,820; Feb. 1.
Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Bearing. 2,106,860; Feb. 1.
Tidd, Warren H., White Plains, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier communicating system. 2,107,168; Feb. 1.
Toaz, Glenn A., Bedford, Ohio. Fruit jar. 2,106,880; Feb. 1.
Tofte, Harold, Syracuse, assignor to T. N. Benedict Manufacturing Company, East Syracuse, N. Y. Drink mixer. 2,106,861; Feb. 1.
Tonkin, Albert, Cloquet, assignor of two-thirds to J. L. Monnahan, Minneapolis, Minn. Gas mixer. 2,106,903; Feb. 1.
Torbert, John E., Jr., National City, Calif. Drill. 2,106,937; Feb. 1.
Townsend, Oliver A., and A. P. Masters, assignors to Tru Colour Film Limited, Wellington, New Zealand. Colored photography. 2,107,004; Feb. 1.
Tramm, Heinrich, C. Clar, P. Kühsel, and W. Schuff, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Fireproofing of wood. 2,106,938; Feb. 1.
Trask, Allen, assignor to Mills Novelty Company, Chicago, Ill. Valve. 2,106,775; Feb. 1.
Treadway, Sherman C., and C. Heckendorn, Forrest City, Ark. Garment hanger. 2,107,224; Feb. 1.
Trevor, Bertram, and R. W. George, Riverhead, N. Y., assignors to Radio Corporation of America. Receiving system. 2,106,776; Feb. 1.
Tru Colour Film Limited. (See Townsend, O. A., and Masters, assignors.)
Truesdale, Jesse P., Kershaw, S. C. Automobile map. 2,106,989; Feb. 1.
Tuft, Miles H., Rock Island, assignor to Deere & Company, Moline, Ill. Wheeled vehicle. 2,106,923; Feb. 1.
Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Piezoelectric crystal controlled oscillator circuits. 2,106,821; Feb. 1.
Tuthill Pump Company. (See Huber, Matthew W., assignor.)
Ullman, Morris L., Milton, Mass. Pencil sharpener. 2,106,963; Feb. 1.
Underpinning & Foundation Co. (See Raisch, William, assignor.)
Union Carbide and Carbon Corporation. (See Cox, H. L., and Carruthers, assignors.)
Union Carbide and Carbon Corporation. (See De Motte, Maurice P., assignor.)
Union Carbide and Carbon Corporation. (See De Motte, M. P., and Baker, assignors.)
Union Switch & Signal Company, The. (See Vantassel, Harry C., assignor.)
United Accustigraph Corporation. (See Bender, Max, assignor.)
United Aircraft Corporation. (See Ryder, E. A., and Parkins, assignors.)
United Cork Companies. (See Boss, Edward R., assignor.)
United Engineering & Foundry Company. (See Schmid, Hans H., assignor.)
United Gas Improvement Company, The. (See Hasel, Claude S., assignor.)

United Glass Bottle Manufacturers Limited, The. (See Moorshead, Thomas C., assignor.)
United Research Corporation. (See Fischer, Edwin L., assignor.)
United Research Corporation. (See Nielsen, John F., assignor.)
United Shoe Machinery Corporation. (See Bertrand, Frederic E., assignor.)
United Shoe Machinery Corporation. (See Caswell, J. A., and Robinson, assignors.)
United Shoe Machinery Corporation. (See Hopkins, Raymond E., assignor.)
United States Rubber Company. (See Gammeter, John R., assignor.)
United States Rubber Products, Inc. (See Wendes, John C. H., assignor.)
Van der Waerden, Hendrikus, The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Solvent dewaxing oils. 2,107,064; Feb. 1.
Vannah, Harold P. (See Richter, G. A., and Vannah.)
Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Process and products relating to recovery of alcohols from hydrocarbon polymers. 2,107,065; Feb. 1.
Vantassel, Harry C., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,106,990; Feb. 1.
Van Veen, Anton. (See Jessen, T., and Van Veen.)
Varilux Holding Corporation. (See Best, John G., assignor.)
Vayda, Louis L., Aspinwall, Pa. Process and apparatus for analyzing gas. 2,106,777; Feb. 1.
Victor Adding Machine Company. (See Garbell, Max, assignor.)
Victor Adding Machine Company. (See Williams, John H., assignor.)
Vinson, Harold S. (See Mace, Charles E., assignor.)
Volk, Joseph A., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Phonograph. 2,106,778; Feb. 1.
Vorech, Stephen. (See Eaton, W. A., and Vorech.)
Wagner, Norbert R., Cleveland, Wis. Leg brace. 2,107,095; Feb. 1.
Walker, Herbert W. (See Riley, H. W., and Walker.)
Walker, William J., and S. F. Gimkey, Johannesburg, Union or South Africa, assignors to Broom and Wade Limited, High Wycombe, Buckinghamshire, England. Lubricator for air lines, rock drills, and other compressed air apparatus. 2,107,225; Feb. 1.
Walsh, Carroll H. (See Pittman, R. R., and Walsh.)
Walworth Patents Inc. (See Henderson, Albert J., assignor.)
Watson, Edward F. (See Lang, W. Y., and Watson.)
Webber, William F., Chicago, Ill. Stapling machine core. 2,107,160; Feb. 1.
Weddle, Loren F., Inglewood, Calif. Latch. 2,107,066; Feb. 1.
Weinlich, Hermann A., Berlin-Charlottenburg, and U. Kölm, Berlin-Lankwitz, Germany, assignors to International Business Machines Corporation, New York, N. Y. Card punch feed mechanism. 2,107,134; Feb. 1.
Weiskotten, William O. (See Facidier, Cora M., assignor.)
Wells, Alfred A., Roselle Park, N. J., assignor to Standard Oil Development Company. Centrifugal dewaxing of oils. 2,106,964; Feb. 1.
Wendes, John C. H., Naugatuck, Conn., assignor to United States Rubber Products, Inc., New York, N. Y. Collapsible form. 2,107,013; Feb. 1.
Wesselman, Albert, Cincinnati, Ohio. Package and manufacture thereof. 2,107,006; Feb. 1.
Western Electric Company. (See Brescka, R. S., and Meagher, assignors.)
Western Electric Company. (See Johnson, F. V., and Nydegger, assignors.)
Westinghouse Electric Elevator Company. (See Eames, William F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Alben, Frank L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bayne, George M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bernarde, Henry L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bosch, Max, assignor.)
Westinghouse Electric & Manufacturing Company. (See Dawson, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dransfeld, Hubert, assignor.)
Westinghouse Electric & Manufacturing Company. (See Gatts, Henry S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hague, F. T., and Davis, assignors.)
Westinghouse Electric & Manufacturing Company. (See Harder, E. L., Hibbard, and Taliaferro, assignors.)
Westinghouse Electric & Manufacturing Company. (See Lockwood, Edwin H., assignor.)
Westinghouse Electric & Manufacturing Company. (See McCulloch, Leon, assignor.)
Westinghouse Electric & Manufacturing Company. (See Pearcy, Noah C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schmidt, Henry F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Slepian, J., and Ludwig, assignors.)
Westinghouse Electric & Manufacturing Company. (See Snyder, Frederick D., assignor.)
Weston, Sydney R., Montreal, Quebec, Canada. Squeeze tube cap. 2,107,226; Feb. 1.
Wheeler, Phillip R., Alexandria, Va. Control system for transmissions. 2,106,862; Feb. 1.
White Cap Company. (See Davies, Lynn E., assignor.)
White, Gerald E., Lansing, Mich. Fluid supply system. 2,106,822; Feb. 1.
White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Odor dispenser. 2,107,019; Feb. 1.
Whitehouse, Duncan, Mill Hill, London, England. Machine for roughening bricks. 2,107,007; Feb. 1.
Whitney, Ralph D., New York, N. Y. Decolorising system for purification of lubricating oil in internal combustion engines. 2,106,863; Feb. 1.
Whittier, Charles C., Chicago, Ill. Method and means for producing vitamin D. 2,106,779; Feb. 1.
Whittier, Charles C., Chicago, Ill. Producing a vitamin D product. 2,106,780; Feb. 1.
Whittier, Charles C., assignor to Nutrition Research Laboratories, Inc., Chicago, Ill. Apparatus for producing antirachitic products. 2,106,781; Feb. 1.
Whittier, Charles C., assignor to Nutrition Research Laboratories, Inc., Chicago, Ill. Apparatus for producing vitamin D. 2,106,782; Feb. 1.
Wiegman, Clarence H., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,107,096; Feb. 1.
Wilcken, Karl, Dessau-Ziebigk, assignor to Junkers Flugzeug- und Motorenwerke Aktiengesellschaft, Dessau, Germany. Crankcase for internal combustion engines. 2,106,939; Feb. 1.
Wilcox, Harry L. (See Wright, D. C., and Wilcox.)
Wild, Charles H., assignor to Burt Machine Company, Incorporated, Baltimore, Md. Casing machine. 2,107,170; Feb. 1.
Wiley, Samuel E., Nashville, Tenn. Railway mail car. 2,107,000; Feb. 1.
Willford, Edward B., Merion, Pa. Gyroplane. 2,106,783; Feb. 1.
Wilhelm, Alexander, Budapest, assignor to the firm Pannonia Bányabörmemesitö és Kereskedelmi r. t., Ujpest, Hungary. Machine for smoothing and combing skins and the like. 2,106,991; Feb. 1.
Wilhelm, Ernest J., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Coating malleable non-noble heavy metals. 2,106,904; Feb. 1.
Willett, Benedict E., Dayton, Ohio, assignor of one-half to C. W. Riebel, Louisville, Ky. United folding leg table. 2,107,252; Feb. 1.
Williams, John H., assignor to Victor Adding Machine Company, Chicago, Ill. Adjustable paper roll support. 2,107,020; Feb. 1.
Willing, Joseph E., assignor to General Railway Signal Company, Rochester, N. Y. Signaling system for railroads. 2,107,171; Feb. 1.
Wilson, Fred R. (See Lewis, H. A., and Wilson.)
Wilson, Wesley, Chicago, Ill. Neutralising sound distortion. 2,107,135; Feb. 1.
Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve control system. 2,107,263; Feb. 1.
Wolf, Fritz, Birkenwerder, near Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,106,681; Feb. 1.
Wood, Dennis, Stanmore, England. Waxing machine. 2,106,940; Feb. 1.
Wood, Dennis, Stanmore, England. Conveyer. 2,106,941; Feb. 1.
Woodall Industries Incorporated. (See Johnson, Charles B., assignor.)
Woodhams, Douglas C., London, England. Air-circulating means for motor-driven vehicles. 2,107,193; Feb. 1.
Woodin, Charles K., Bloomington, Ill., assignor to National Rubber Machinery Company, Akron, Ohio. Dry cleaning machine. 2,107,227; Feb. 1.
Wright, David C., and H. L. Wilcox, assignors to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Screw down motor controller. 2,106,965; Feb. 1.
Wroten, John F., Baltimore, Md. Manufacture of yeast. 2,106,784; Feb. 1.
Yacker, Jacob, and W. S. Kirsch, Brooklyn, N. Y. Stamp and label box. 2,107,194; Feb. 1.
Young, Alfred H., West Hartford, Conn. Drawing board and the like. 2,107,049; Feb. 1.
Yount, Willis H., Oakland, Calif., assignor to American Tractor Equipment Corporation. Earth moving device. 2,107,120; Feb. 1.
Zahn, Erich H. (See Prange, C. H., and Zahn.)
Zaiger, Louis, Lynn, Mass. Fan. 2,107,136; Feb. 1.
Zeiss Ikon Aktiengesellschaft. (See Küppenbender, Heinz, assignor.)
Zimmerman, Arthur G. (See Carson, B. R., and Zimmerman.)
Zimmerman, Axel E., West Palm Beach, Fla. Condiment holder. 2,107,228; Feb. 1.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 1ST DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Closure structure for metallic containers. J. W. Shera. Re. 20,647; Feb. 1.

Cover, Metallic tire. F. Hammond. Re. 20,644; Feb. 1.

Glazing construction. S. K. Huston, Jr. Re. 20,645; Feb. 1.

Heights of aircraft, particularly for use when the aircraft is landing, Means for indicating the. D. F. Lucking. Re. 20,646; Feb. 1.

Safety device. L. M. Goldsmith. Re. 20,643; Feb. 1.

Screen, Well. W. E. Harrington. Re. 20,648; Feb. 1.

Valve, Primer. P. S. Goss. Re. 20,642; Feb. 1.

LIST OF PLANT INVENTIONS

Rose. L. Burbank. 269; Feb. 1.

Rose. G. de Buyter. 270; Feb. 1.

LIST OF DESIGN INVENTIONS

Airplane. A. E. Raymond and E. F. Burton. 108,268; Feb. 1.

Apron. G. T. Bell. 108,275; Feb. 1.

Ball cock. A. C. Arbogast. 108,228; Feb. 1.

Bicycle frame. C. J. Fogarty. 108,201; Feb. 1

Billfold W. St. Thomas 108,251; Feb. 1

Bottle F. Pfeffer. 108,217; Feb. 1

Bottle. G. Spielman. 108,224; Feb. 1.

Bowl or similar article, Mayonnaise. R. A. Kelly. 108,203; Feb. 1.

Brooch or the like. N. Barbieri. 108,229; Feb. 1.

Candlestick or similar article. R. A. Kelly. 108,208; Feb. 1.

Case, Flashlight. A. Gelardin. 108,202; Feb. 1.

Case, Hand luggage. G. H. Wheary. 108,254; Feb. 1.

Case or similar article, Display. A. J. Long, Jr. 108,266; Feb. 1.

Clock face and metronome, Combined. A. H. Wolsfield. 108,274; Feb. 1.

Coat. E. Grossman. 108,284; Feb. 1.

Coat. J. A. Silverman. 108,302–3; Feb. 1.

Comb or similar article. J. Kahn. 108,238; Feb. 1.

Confectionery product. P. Ariolo. 108,256; Feb. 1.

Cover for an electric switch box or the like. R. A. Millermaster and A. A. Writzmann. 108,212; Feb. 1.

Cup or similar article. R. A. Kelly. 108,205; Feb. 1.

Cylinder reboring-plate. E. R. Michener. 108,244; Feb. 1.

Dish or similar article, Covered. R. A. Kelly. 108,210; Feb. 1.

Dispenser for paper tape product. F. H. Meyer. 108,243; Feb. 1.

Door and window grille. R. H. Hutchinson. 108,237; Feb. 1.

Dress. T. Coleman. 108,276–7; Feb. 1.

Dress. M. Ellenbogen. 108,259; Feb. 1.

Dress. R. Feintuck. 108,260; Feb. 1.

Dress. L. George. 108,283; Feb. 1.

Dress. A. Kaplan. 108,264; Feb. 1.

Dress. J. J. Kushner. 108,265; Feb. 1.

Dress. A. E. Levy. 108,292; Feb. 1.

Dress. J. Miracky. 108,267; Feb. 1.

Dress. F. Schiessel. 108,270; Feb. 1.

Dress. H. Snyder. 108,304–5; Feb. 1.

Dress. M. G. Strangard. 108,271; Feb. 1.

Dress. J. Tuman. 108,272; Feb. 1.

Dress, Combination. O. Zaretzky. 108,311; Feb. 1.

Dress, Ensemble. J. Abbate. 108,255; Feb. 1.

Dress ensemble. S. Comolli. 108,278; Feb. 1.

Fabric, Knitted. H. Moses. 108,295–6; Feb. 1.

Fabric, Knitted. D. Siegel. 108,301; Feb. 1.

Fabric or similar article, Textile. A. C. Jaeger. 108,283; Feb. 1.

Fabric or similar article, Textile. A. C. Jaeger. 108,287; Feb. 1.

Fabric, Textile. H. P. Koch. 108,240; Feb. 1.

Fabric, Textile. S. B. McDonald. 108,293; Feb. 1.

Fabric, Textile. H. Mey. 108,242; Feb. 1.

Fabric, Textile. M. Turpan. 108,307–8; Feb. 1.

Fabric, Textile. H. W. Wilde. 108,309; Feb. 1.

Fabric, Woven. J. H. Hoffman. 108,236; Feb. 1.

Glass, Drinking. E. W. Fuerst. 108,200; Feb. 1.

Glass or similar article. M. Shapiro. 108,220; Feb. 1.

Glove. W. E. Meyers. 108,294; Feb. 1.

Goblet or similar article. G. Sakier. 108,219; Feb. 1.

Guard, Combined stirrup and toe. A. F. Hart. 108,285; Feb. 1.

Handbag. H. Feimann. 108,261; Feb. 1.

Handbag. H. Felmann. 108,279–80; Feb. 1.

Hat. A. Raimess. 108,298–300; Feb. 1.

Headdress, Lady's. E. D. Barber. 108,257; Feb. 1.

Heater. L. A. Althoff. 108,227; Feb. 1.

Heater. J. A. Underwood. 108,253; Feb. 1.

Jar. F. Smith. 108,223; Feb. 1.

Jar or similar article, Covered. R. A. Kelly. 108,204; Feb. 1.

Jar or similar article, Covered candy. R. A. Kelly. 108,209; Feb. 1.

Lace. J. Dognin. 108,230; Feb. 1.

Lace. J. H. Worrall. 108,310; Feb. 1.

Marker and urn, Combined grave. J. M. Majewski, Jr. 108,211; Feb. 1.

Mounting, Single gem. J. Granat. 108,233; Feb. 1.

Pitcher or similar article, Cream. R. A. Kelly. 108,206; Feb. 1.

Plastic sheet or similar article. A. F. Harvey. 108,262; Feb. 1.

Radio cabinet or similar article. R. D. Siragusa. 108,222; Feb. 1.

Recorder or the like, Facsimile. W. G. H. Finch. 108,281–2; Feb. 1.

Ring, Finger. N. C. Sternberg. 108,250; Feb. 1.

Rug. L. Biva. 108,258; Feb. 1.

Rug. E. L. Russum. 108,246; Feb. 1.

Sail top. A. W. Steele. 108,306; Feb. 1.

Saw, Band. J. R. Morgan. 108,245; Feb. 1.

Scale, Platform. C. R. Kirk. 108,239; Feb. 1.

Shaker or similar article, Salt. R. A. Kelly. 108,207; Feb. 1.

Slip or similar article. D. Levy. 108,214–15; Feb. 1.

Sole or similar article. D. C. Hubbard. 108,286; Feb. 1.

Spoon or other article of flatware. A. H. Staf. 108,249; Feb. 1.

Stand, Bottle. J. Revson. 108,218; Feb. 1.

Stand, Display. R. A. Hennings. 108,235; Feb. 1.

Stand, Lamp. M. Oalek. 108,216; Feb. 1.

Stand, Smoking. E. Schultz. 108,221; Feb. 1.

Stove. R. E. Kruck. 108,241; Feb. 1.

Stove, Air circulating heating. E. Esson. 108,231; Feb. 1.

Support, Christmas tree. S. A. Pitt. 108,297; Feb. 1.

Sweater. C. Levine. 108,288–91; Feb. 1.

Tire. W. H. Adams. 108,226; Feb. 1.

Tire. K. D. Smith. 108,247; Feb. 1.

Tire. K. D. Smith and W. H. Adams. 108,248; Feb. 1.

Tool unit, Power driven. L. L. Timm. 108,252; Feb. 1.

Tray, File. E. R. Winstrom. 108,273; Feb. 1.

Umbrella. I. Mink. 108,213; Feb. 1.

Vehicle, Gasoline tank. A. de Sahbnoffsky. 108,269; Feb. 1.

Velocipede. W. H. Adams. 108,225; Feb. 1.

Wagon, Coaster. C. E. Garton. 108,232; Feb. 1.

Wiper, Ullage-rod. F. H. Heisley. 108,234; Feb. 1.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 1ST DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Acetone-soluble cellulose acetate, Preparation of. G. A. Richter. 2,106,811; Feb. 1.

Acetylene generator. M. P. De Motte and C. H. Baker. 2,106,970; Feb. 1.

Acetylene generator. M. P. De Motte. 2,106,971–2; Feb. 1.

Acids and preparing the same, Hydroxylated fish oil fatty. A. W. Ralston and S. T. Bauer. 2,107,062; Feb. 1.

Acoustic device. F. F. Romanow. 2,106,813; Feb. 1.

Acoustic diaphragm and making same. M. W. Scheldorf. 2,106,815; Feb. 1.

Adding machine, Listing. L. P. Crosman. 2,107,142; Feb. 1.

Adjustable stand. J. Markert. 2,107,124; Feb. 1.

Air-circulating means for motor-driven vehicles. D. C. Woodhams. 2,107,193; Feb. 1.

Air condition indicator. A. F. Spilhaus. 2,107,017; Feb. 1.

Air conditioning apparatus. N. H. Gay. 2,107,243; Feb. 1.

Air or watercraft propulsion. C. M. Lee. 2,106,928; Feb. 1.

Airplane. D. Roberts and F. W. Peel. 2,106,761; Feb. 1.

Alcohols from alkyl sulphuric acids, Producing. W. H. Shiffler, M. M. Holm, and M. F. Miller. 2,106,877; Feb. 1.

Alcohols from hydrocarbon polymers, Process and products relating to recovery of. A. J. van Peski. 2,107,065; Feb. 1.

Aliphatic acid anhydrides and aldehydes, Making lower. H. Dreyfus. 2,106,798; Feb. 1.

Alkali metal sulphides, Producing anhydrous. H. T. J. König. 2,106,952; Feb. 1.

Alkyl-aryloxy-alkylols, Sulphonated. H. A. Bruson. 2,106,716; Feb. 1.

Alloy: *See*—
Aluminum alloy. Bearing metal alloy.

Alloys, Treating austenitic chrome-nickel steel. J. F. Sachse. 2,107,014; Feb. 1.

Aluminum alloy. R. H. Brown. 2,106,827; Feb. 1.

Amplifying and reproducing system. B. F. Miessner. 2,107,125; Feb. 1.

Amusement apparatus. J. N. Bartlett. 2,107,196; Feb. 1.

Animal trap. J. M. Mitchell. 2,107,060; Feb. 1.

Antirachitic products, Apparatus for producing. C. C. Whittier. 2,106,781; Feb. 1.

Article dividing and packaging machine. A. S. Heineman. 2,107,036; Feb. 1.

Article feeding and packaging mechanism. J. N. Francis. 2,106,975; Feb. 1.

Attachment for writing machines. J. Q. Sherman. 2,106,765; Feb. 1.

Automatic clutch. K. B. Lyman. 2,107,075; Feb. 1.

Automatic rotor valve. V. D. Boehler and R. D. McIntosh. 2,106,942; Feb. 1.

Automobile frame adjunct. D. W. Sherman. 2,107,191; Feb. 1.

Awning and screen, Combination metal. J. M. Sullivan. 2,106,962; Feb. 1.

B-methyl butyl cresols. G. W. Raisins and L. W. Clemence. 2,106,790; Feb. 1.

Bag: *See*—
Seamed bag.

Basket, Berry. F. K. and E. Shimizu. 2,106,816; Feb. 1.

Battery grid casting machine. A. H. Luhrman. 2,107,041; Feb. 1.

Battery installation for motor vehicles. J. O. Black. 2,106,883; Feb. 1.

Bearing. M. Tibbetts. 2,106,860; Feb. 1.

Bearing metal alloy. C. E. Swarts. 2,107,223; Feb. 1.

Bed. R. L. McLendon. 2,107,206; Feb. 1.

Beds, Attachment for. C. J. Ewald. 2,106,834; Feb. 1.

Belt. D. F. Morgan. 2,107,013; Feb. 1.

Belt drive, Variable speed. F. Nigra. 2,106,930; Feb. 1.

Bicycle. H. W. Peace. 2,107,251; Feb. 1.

Bit gauge and wrench, Combination mining. J. L. Knight. 2,106,749; Feb. 1.

Blank aligning mechanism and method. A. Novick. 2,107,043; Feb. 1.

Board and the like, Drawing. A. H. Young. 2,107,049; Feb. 1.

Bookbinding. T. J. Salsman and J. M. Marchok. 2,107,217; Feb. 1.

Bottle labeling machine. J. O. Fenner. 2,106,997; Feb. 1.

Bottle, Nonrefillable. J. A. Patterson. 2,107,083; Feb. 1.

Box: *See*—
Channel-vented box. Paint box.
Fire alarm box. Stamp and label box.

Box. J. P. Brunt and E. E. Maston. 2,106,907; Feb. 1.

Brace, Leg. N. R. Wagner. 2,107,095; Feb. 1.

Brake: *See*—
Hydraulic brake.

Brake. A. B. Cadman. 2,106,717; Feb. 1.

Brake. B. A. Swennes. 2,107,091; Feb. 1.

Brake apparatus, Hydraulic. J. W. Etchison. 2,107,111; Feb. 1.

Brake construction. B. A. Swennes. 2,107,092; Feb. 1.

Brake drum. C. S. Ash. 2,107,229; Feb. 1.

Brake drum cooling device. D. J. Campbell. 2,106,702; Feb. 1.

Brake lever construction. R. A. Sandberg. 2,107,047; Feb. 1.

Brake system, Fluid pressure. W. F. Oliver. 2,106,758; Feb. 1.

Brake system, Hydraulic. W. F. Oliver. 2,106,757; Feb. 1.

Bread slicer feed. W. W. Hartman. 2,106,949; Feb. 1.

Bread slicer, Helical single knife type. T. Jensen and A. Van Veen. 2,107,002; Feb. 1.

Brick, Burning. T. B. Dreher. 2,107,146; Feb. 1.

Brooder. J. A. Aukerman. 2,106,700; Feb. 1.

Bushing locating and rotating means. O. R. Briney. 2,107,051; Feb. 1.

Bushing remover. J. F. Herbert. 2,106,741; Feb. 1.

Camera equipment unit, Copying. E. S. Hineline. 2,107,074; Feb. 1.

Camera, Photographic. H. Küppenbender. 2,106,894; Feb. 1.

Candy puller. A. Poirier. 2,107,213; Feb. 1.

Cap: *See*—
Closure cap. Squeeze tube cap.

Car: *See*—
Railway mail car.

Carbon disulphide, Production of. J. P. Baxter and L. J. Burrage. 2,107,264; Feb. 1.

Carbonates, Treating. P. McComb. 2,107,255; Feb. 1.

Cardboard articles, Making. R. I. Rhodes. 2,107,085; Feb. 1.

Card punch feed mechanism. H. A. Weinlich and U. Kölm. 2,107,134; Feb. 1.

Carrier: *See*—
Sheet carrier.

Carrier communicating system. W. H. Tidd. 2,107,168; Feb. 1.

Cartridge, Converter. C. C. Guthrie. 2,107,034; Feb. 1.

Cash register. M. Garbell. 2,107,033; Feb. 1.

Casing machine. C. H. Wild. 2,107,170; Feb. 1.

Catalytic device. J. Finn, Jr. 2,106,910; Feb. 1.

Catalytic hydrogenation of crude benzene derivatives. M. H. Gwynn. 2,106,735; Feb. 1.

Cellulose ether recovery. W. J. Le Fevre and J. W. Britton. 2,107,005; Feb. 1.

Cellulose from lignocellulosic materials, Production of. H. Dreyfus. 2,106,797; Feb. 1.

Cellulose, Xanthating. G. A. Richter and H. P. Vannah. 2,106,812; Feb. 1.

Centrifugal separator, Closed. S. H. Hall. 2,107,035; Feb. 1.

Centrifuge. H. Dransfeld. 2,106,832; Feb. 1.

Ceramic glazing composition. E. R. Stowell. 2,106,879; Feb. 1.

Chain: *See*—
Potato digger chain.

Change over for sound picture apparatus. J. F. Nielsen. 2,106,957; Feb. 1.

Channel-vented box. J. P. Brunt and E. E. Maston. 2,106,908; Feb. 1.

Cigarette package. J. H. MacMillen, Jr. 2,107,042; Feb. 1.

Circuit breaker. J. G. Jackson. 2,107,246; Feb. 1.

Circuit controller for indicators. L. A. Hagler. 2,106,925; Feb. 1.

Circuits, Piezoelectric crystal controlled oscillator. H. Tunick. 2,106,821; Feb. 1.

Clamp: *See*—
Tap clamp.

Cleaner: *See*—
Suction cleaner.

Cleaner for threshing machines, Grain. J. Hosinski. 2,106,746; Feb. 1.

Cleaning machine, Dry. C. K. Woodin. 2,107,227; Feb. 1.

Clip: *See*—
No screed tile clip.

Closure. T. R. Gilliland. 2,107,244; Feb. 1.

Closure, Bottle. M. Sierad. 2,107,167; Feb. 1.

Closure cap. J. C. Gibbs. 2,107,170; Feb. 1.

Closure for containers. J. A. Olesen. 2,107,256; Feb. 1.

Closure for containers of liquid or semiliquid substances. J. M. Crook. 2,107,100; Feb. 1.

Closure operating mechanism for waste cans. M. Kamenstein. 2,106,892; Feb. 1.
Clutch: *See*—
Automatic clutch.
Coal, Hydrogenation of high oxygen. C. Ellis. 2,106,973; Feb. 1.
Coffee, Brewing. H. Cory. 2,107,236; Feb. 1.
Coloring material. T. A. Martone. 2,107,159; Feb. 1.
Composition material. A. C. Fischer. 2,106,943; Feb. 1.
Composition of matter. C. A. Laise. 2,107,122; Feb. 1.
Compressor, Positive pressure. J. Phillips. 2,106,959; Feb. 1.
Concrete masses, Preventing the formation of continuous voids in. T. C. Schenk. 2,107,130; Feb. 1.
Condenser construction. F. S. Smith. 2,107,132; Feb. 1.
Condenser scoop apparatus. H. F. Schmidt. 2,106,961; Feb. 1.
Condiment holder. A. E. Zimmerman. 2,107,228; Feb. 1.
Conductor, Stranded. H. W. Dudley. 2,107,177; Feb. 1.
Conductors, Insulating. L. McCulloch. 2,106,850; Feb. 1.
Confections, Making frozen. F. T. Krein. 2,106,893; Feb. 1.
Connecter: *See*—
Flexible connecter.
Connecter. B. H. Cope. 2,106,724; Feb. 1.
Construction unit. L. W. Ellertsen. 2,107,240; Feb. 1.
Container: *See*—
Paper and analogous material container.
Sheet metal container.
Container. J. C. Karnes and G. J. Kessenich. 2,106,748; Feb. 1.
Container bottom and top applying and sealing machine. J. K. M. Harrison. 2,106,739; Feb. 1.
Container for styptic powder, Dispensing. F. H. Beyer. 2,107,100; Feb. 1.
Container, Making a tined. E. L. Chappell. 2,106,828; Feb. 1.
Control system for transmissions. P. R. Wheeler. 2,106,962; Feb. 1.
Conveyer. D. Wood. 2,106,941; Feb. 1.
Conveyer mechanism. R. H. Gordon. 2,106,706; Feb. 1.
Cooler for furnaces, Water. L. R. McAfoos. 2,107,185; Feb. 1.
Coupler, Automatic car. K. Scharfenberg. 2,107,218; Feb. 1.
Coupling: *See*—
Shaft coupling.
Coupling device for toy trains. J. L. Bonanno. 2,107,024; Feb. 1.
Cover and lock therefor, Tire. B. M. Short. 2,107,015; Feb. 1.
Crankcase for internal combustion engines. K. Wilcken. 2,106,930; Feb. 1.
Crib and cradle, Combination. M. A. Kinnear. 2,106,927; Feb. 1.
Current-collection apparatus. F. T. Hague and F. R. Davis. 2,106,842; Feb. 1.
Cutter: *See*—
Food cutter.
Vegetable cutter.
Decolorising system for purification of lubricating oil in internal combustion engines. R. D. Whitney. 2,106,863; Feb. 1.
Denture. W. R. A. Guyton. 2,107,181; Feb. 1.
Denture and making the same, Swaged. C. H. Prange and E. H. Zahn. 2,106,809; Feb. 1.
Detector: *See*—
Liquid level change detector.
Diaphragm, Resilient. L. C. Brisson. 2,106,791; Feb. 1.
Dielectric guide system. H. E. Curtis. 2,106,725; Feb. 1.
Differential mechanism. C. E. Frederickson. 2,106,946; Feb. 1.
Discharge apparatus, Electric. H. Kniepkamp. 2,106,847; Feb. 1.
Dispenser: *See*—
Odor dispenser.
Display figure. W. J. Sweeney. 2,106,818; Feb. 1.
Distortion check for welding apparatus. L. C. Powell. 2,106,987; Feb. 1.
Door closer. C. E. Hammell. 2,106,926; Feb. 1.
Door latch and lock structure. C. E. Mace. 2,106,954; Feb. 1.
Door lock. A. C. Hubbell. 2,106,951; Feb. 1.
Drier: *See*—
Paint drier.
Drier. J. P. Martel. 2,106,915; Feb. 1.
Drier for granular and like materials. E. Falkenstein and E. Barthelmess. 2,106,860; Feb. 1.
Drill. J. E. Torbert, Jr. 2,106,937; Feb. 1.
Drink mixer. H. Tofte. 2,106,861; Feb. 1.
Drive, Flexible. F. L. Albeu. 2,106,823; Feb. 1.
Dyestuffs, Azo. F. Schubert. 2,106,876; Feb. 1.
Dyestuffs of the anthraquinone series, Acid wool. R. Hilpert. 2,107,000; Feb. 1.
Earth moving device. J. F. Knapp. 2,107,118; Feb. 1.
Earth moving device. R. B. Price. 2,107,119; Feb. 1.
Earth moving device. W. H. Yount. 2,107,120; Feb. 1.
Eggs, Filtering. F. B. Lomax. 2,107,040; Feb. 1.
Electric control system. J. W. Dawson. 2,106,831; Feb. 1.
Electric controller construction. C. A. Rasmussen. 2,107,045; Feb. 1.
Electric current conversion system. M. Bosch. 2,106,826; Feb. 1.
Electric discharge device. A. Lederer. 2,106,754; Feb. 1.
Electric filter. H. W. Augustadt. 2,106,785; Feb. 1.
Electric switch. L. F. Bird. 2,107,138; Feb. 1.
Electric switch. J. Fuchs. 2,106,837; Feb. 1.
Electrical apparatus. H. S. Gates. 2,106,838; Feb. 1.
Electrical coupling arrangement. W. Buschbeck and R. Bruckner. 2,107,025; Feb. 1.
Elevator construction. B. Palm. 2,107,210; Feb. 1.
Elevator, Portable. H. L. Sinclair. 2,106,878; Feb. 1.
Electromagnetic wave signals on dielectric guides, Apparatus and method for receiving. G. C. Southworth and A. P. King. 2,106,770; Feb. 1.
Electrostatic separation, Method and apparatus for. T. Banta, G. Grave, and E. Oppen. 2,106,865; Feb. 1.
Enclosure for electric meters and pull boxes, Combination. F. C. Holtz. 2,106,950; Feb. 1.
Engine: *See*—
Internal combustion engine.
Engine. C. G. A. Rosen. 2,106,920; Feb. 1.
Engine. C. G. A. Rosén. 2,106,932. Feb. 1.
Eraser for typewriters. G. R. O'Neal. 2,107,209; Feb. 1.
Ester derivatives of glycol, Mixed. H. L. Cox and T. F. Carruthers. 2,106,703; Feb. 1.
Exerciser, Physical. A. W. Chapman. 2,106,904; Feb. 1.
Explosive. H. A. Lewis and F. R. Wilson. 2,107,157; Feb. 1.
Extracts of the germinal gland hormones and isolating the latter therefrom, Purifying crude. E. Schwenk, M. Gehrke, and F. Hildebrandt. 2,106,763; Feb. 1.
Eyeshade. J. W. Catron, Jr. 2,107,102–3; Feb. 1.
Fabric. B. Cobb. 2,106,794; Feb. 1.
Fan. L. Zaiger. 2,107,136; Feb. 1.
Fastener: *See*—
Separable fastener.
Fastening-inserting machine. J. A. Caswell and C. A. Robinson. 2,106,719; Feb. 1.
Feeder for materials, Pressure. L. Gates. 2,107,242; Feb. 1.
Feeding mechanism for rock drills. A. Feucht. 2,107,198; Feb. 1.
Field divider. E. H. Land. 2,106,752; Feb. 1.
Film driving mechanism. E. L. Fischer. 2,106,974; Feb. 1.
Film processing. V. Krupa. 2,106,751; Feb. 1.
Films, Reproduction of lenticular. A. H. J. D. L. Saint Genies. 2,106,933; Feb. 1.
Filter: *See*—
Electric filter.
Multicolor filter.
Filter including space discharge device. E. T. Burton. 2,106,793; Feb. 1.
Filter system for high frequency electric waves. G. C. Southworth. 2,106,768; Feb. 1.
Fire alarm box. R. B. Long. 2,106,849; Feb. 1.
Fish lure. J. McArthur. 2,106,755; Feb. 1.
Flexible connecter. H. H. Haire. 2,106,737; Feb. 1.
Flickering device. J. Tascher. 2,106,922; Feb. 1.
Floor rack. R. J. Olander. 2,106,852; Feb. 1.
Flotation method, Separatory. T. Earle. 2,106,888; Feb. 1.
Fluid conductor for ruling machines and the like. E. C. Bingham and D. Figlioli. 2,107,230; Feb. 1.
Fluid supply system. G. E. White. 2,106,822; Feb. 1.
Flux, Galvanizing. R. J. Kepfer. 2,106,982; Feb. 1.
Flying machine. E. H. Thibault. 2,106,820; Feb. 1.
Folding machine, Cross. R. Ludewig. 2,106,953; Feb. 1.
Food cutter. H. A. Berkman. 2,106,711; Feb. 1.
Forging machine. W. W. Criley. 2,106,830; Feb. 1.
Form, Collapsible. J. C. H. Wendes. 2,107,018; Feb. 1.
Form separator. R. Minkow. 2,107,206; Feb. 1.
Fountain, Poultry. H. A. Hogsett. 2,106,871; Feb. 1.
Fruit packing separator. G. Sykes. 2,106,921; Feb. 1.
Fuel composition, Motor. F. R. Moser. 2,107,050; Feb. 1.
Fuel injection pump. H. A. Mentele. 2,107,079; Feb. 1.
Fuel unit. L. M. Haymond. 2,107,054; Feb. 1.
Furniture, Upholstered. F. Schlachta. 2,107,087; Feb. 1.
Game apparatus. F. E. Pavelka. 2,107,211; Feb. 1.
Game, Football card. S. Katz. 2,106,846; Feb. 1.
Garment, Foundation. W. Kops. 2,107,121; Feb. 1.
Garment hanger. J. D. Coney. 2,107,026; Feb. 1.
Garment hanger. S. C. Treadway and C. Heckendorn. 2,107,224; Feb. 1.
Garment hanger attachment. A. Hamilton and C. Brock. 2,106,947; Feb. 1.
Gas mixer. A. Tonkin. 2,106,903; Feb. 1.
Gas, Process and apparatus for analyzing. L. L. Vayda. 2,106,777; Feb. 1.
Gas purification process. H. A. Gollmar. 2,106,734; Feb. 1.
Gasket, Sealing. K. J. Soule. 2,106,817; Feb. 1.
Gauge: *See*—
Micrometer gauge.
Gauge. R. R. Bostic. 2,106,993; Feb. 1.
Gear for aircraft, Landing. R. Saulnier. 2,106,934; Feb. 1.
Gear for rail vehicles, Power transmission. W. Hahn. 2,106,843; Feb. 1.
Generator: *See*—
Acetylene generator.
Steam generator.
Glass, Apparatus for making sheet. H. L. Halbach. 2,106,800; Feb. 1.
Glass, Making safety. J. H. Sherts and B. J. Dennison. 2,106,766; Feb. 1.
Glass to glass forming machines, Feeding. T. C. Moorshead. 2,106,899; Feb. 1.
Glass to glass shaping machines, Feeding. T. C. Moorshead. 2,107,012; Feb. 1.

Glass, Treated borosilicate. H. P. Hood and M. E. Nordberg. 2,106,744; Feb. 1.
Glycerol monolactate triacetate and making same. R. H. Lock. 2,107,202; Feb. 1.
Golf ball. H. K. B. Davis. 2,106,704; Feb. 1.
Gravitometer, Gas. G. S. Binckley. 2,106,966; Feb. 1.
Grid for cementing machines, Applicator. F. H. Paquin. 2,106,854; Feb. 1.
Grid resistors, Making. O. M. Otte. 2,107,187; Feb. 1.
Grille for electric ranges, Removable oven vent. E. H. Lockwood. 2,106,848; Feb. 1.
Grinder. H. J. Crimer. 2,107,105; Feb. 1.
Guard, Bumper. R. A. Sandberg. 2,107,043; Feb. 1.
Guard, Splash. G. F. Bahr. 2,106,992; Feb. 1.
Gun inhibitors for gasoline. H. W. Elley and H. W. Walker. 2,107,147; Feb. 1.
Gun, Blast. C. B. Fletcher. 2,107,064; Feb. 1.
Gyroplane. E. B. Wilford. 2,106,783; Feb. 1.
Hair waving wrapper pad. P. Constantine. 2,107,175; Feb. 1.
Handbag and purse combination. L. Krupp. 2,107,201; Feb. 1.
Handle: *See*—
Luggage handle.
Hanger: *See*—
Garment hanger.
Hardness testing machine. J. Gegan. 2,107,113–14; Feb. 1.
Hat stand. C. M. Fackler. 2,107,178; Feb. 1.
Headlight. C. A. Clary. 2,106,995; Feb. 1.
Heat transferring tube structure. G. M. Evans. 2,107,031; Feb. 1.
Heating and cooling system. R. S. Gaugler. 2,107,199; Feb. 1.
Heel, Pneumatic. E. Borman. 2,106,788; Feb. 1.
Holder: *See*—
Condiment holder.
Holder for typewriters, Eraser. C. G. Hurrle. 2,107,001; Feb. 1.
Holder for yarn packaging device, Package core. W. J. Elvin and J. L. Killoran. 2,106,799; Feb. 1.
Hydraulic brake. C. Beusch. 2,107,257; Feb. 1.
Hydrocarbon fluorescent product, Producing a. L. B. Smith, S. R. Funsten, and H. W. Field. 2,106,767; Feb. 1.
Hydrocarbons in the vapor phase, Converting. M. W. Colony. 2,107,235; Feb. 1.
Ignition breaker. C. V. Chermendy. 2,106,721; Feb. 1.
Illuminated sign. J. G. Best. 2,106,699; Feb. 1.
Illuminated sign. H. C. Hammer. 2,106,891; Feb. 1.
Image production using mirror helix, Multiple channel electro-optical. H. E. Ives. 2,107,153; Feb. 1.
Incineration. W. Raisch. 2,107,127; Feb. 1.
Inclinable device for inclinable punch presses. F. Orton. 2,106,917; Feb. 1.
Indicator: *See*—
Air condition indicator.
Radio directional indicator.
Injecting mechanism. A. C. Boyd. 2,106,789; Feb. 1.
Ink mill. C. R. Rechtin and R. Jantsch. 2,107,214; Feb. 1.
Insecticide, Making an. L. N. Markwood. 2,107,058; Feb. 1.
Internal combustion engine. P. L'Orange. 2,106,914; Feb. 1.
Internal combustion engine. C. H. Wiegman. 2,107,098; Feb. 1.
Iso ethers, Stabilization of aliphatic symmetrical. T. Evans. 2,107,069; Feb. 1.
Jar, Fruit. G. A. Toas. 2,106,880; Feb. 1.
Jigsaw. J. E. Boice. 2,107,174; Feb. 1.
Joint: *See*—
Rail expansion joint.
Rock drill joint.
Knitting machine, Circular. H. H. Holmes. 2,106,872; Feb. 1.
Knitting machine, Straight-bar. H. W. and E. Start. 2,107,221; Feb. 1.
Knob, Molded. K. W. Mackesy. 2,107,204; Feb. 1.
Label placing apparatus and method. J. Balton. 2,106,864; Feb. 1.
Lamp for the projection of colored pictures, Reflector arc. E. Gretener. 2,107,148; Feb. 1.
Last, Shoe. J. Harydczak. 2,107,250; Feb. 1.
Latch. L. F. Weddle. 2,107,066; Feb. 1.
Lighting fixture, Direct. L. C. Doane. 2,107,028; Feb. 1.
Lighting fixture. L. C. Doane. 2,107,029; Feb. 1.
Lighting unit, Indirect. L. C. Doane. 2,107,027; Feb. 1.
Liquid level change detector. J. A. Obermaier. 2,106,756; Feb. 1.
Load compensation in oil well pumps. G. M. Higginson. 2,107,151; Feb. 1.
Lock: *See*—
Door lock.
Window and door lock.
Lock. D. D. M. Moffitt. 2,106,965; Feb. 1.
Locomotive flange oiler, Automatic. J. A. Guffra. 2,106,924; Feb. 1.
Logs, Towing. H. F. Berg. 2,106,908; Feb. 1.
Loom. A. W. Drobile. 2,106,727; Feb. 1.
Lubricant, Top cylinder. A. W. Burwell. 2,107,233; Feb. 1.
Lubricator for air lines, rock drills, and other compressed air apparatus. W. J. Walker and S. F. Gimkey. 2,107,225; Feb. 1.
Luggage, Hand. H. D. Gihon, 2d. 2,107,180; Feb. 1.
Luggage handle. E. Garfinkel. 2,106,911; Feb. 1.
Machine control. W. D. Foster. 2,106,730; Feb. 1.
Machine for making hollow glassware. T. C. Moorshead and E. P. Dorman. 2,107,011; Feb. 1.
Machine for roughening bricks. D. Whitehouse. 2,107,097; Feb. 1.
Machine for smoothing and combing skins and the like. A. Wilhelm. 2,106,991; Feb. 1.
Machine tool. W. J. F. Forward. 2,106,836; Feb. 1.
Map, Automobile. J. P. Truesdale. 2,106,969; Feb. 1.
Marine gearset and reduction gear, Combined. F. E. Pettit, Jr. 2,106,958; Feb. 1.
Material and making same, Elastic. S. W. Alderfer. 2,107,067; Feb. 1.
Material, Laminated. C. V. Brady. 2,106,867; Feb. 1.
Material, Making granular. E. W. Rembert. 2,107,215; Feb. 1.
Materials, Manufacture of modified organic isocolloid. L. Auer. 2,106,708; Feb. 1.
Measuring, Method and device for. R. S. Brescka and E. J. Meagher. 2,106,790; Feb. 1.
Meat products, Forming. H. Rumsey, Jr. 2,107,086; Feb. 1.
Meat products, Packing. H. Rumsey, Jr. 2,107,166; Feb. 1.
Mechanical movement. G. T. Basler. 2,106,787; Feb. 1.
Medical treatment means, Sanitary. A. Greth. 2,106,707; Feb. 1.
Merchandising display stand. A. C. Gilbert. 2,106,839; Feb. 1.
Metal, Apparatus for manufacturing expanded. L. W. Cross. 2,106,967; Feb. 1.
Metals, Coating malleable non-noble heavy. E. J. Wilhelm. 2,106,904; Feb. 1.
Metalworking machine. F. A. Best. 2,106,866; Feb. 1.
Meter: *See*—
Wave-meter.
Metering system, Electronic remote. H. L. Bernarde. 2,106,825; Feb. 1.
Micrometer gauge. W. J. Summers. 2,107,222; Feb. 1.
Mill: *See*—
Ink mill.
Milling machine, Pattern controlled. E. G. Roehm. 2,107,063; Feb. 1.
Mixer: *See*—
Drink mixer.
Gas mixer.
Molasses fermentation, Beet. D. A. Legg and N. R. Tarvin. 2,107,262; Feb. 1.
Molasses, Fermentation of beet. D. A. Legg and N. R. Tarvin. 2,107,261; Feb. 1.
Molding press, Plastic extrusion. V. S. Shaw. 2,107,190; Feb. 1.
Molds, Apparatus for coating. D. J. Campbell and A. G. Anderson. 2,106,701; Feb. 1.
Motor control system. F. D. Snyder. 2,106,858; Feb. 1.
Motor controller, Screw down. D. C. Wright and H. L. Wilcox. 2,106,965; Feb. 1.
Motor vehicle. W. R. Griswold. 2,106,841; Feb. 1.
Motor vehicle. J. Hammerl. 2,107,115; Feb. 1.
Motor vehicle. C. R. Paton. 2,106,874; Feb. 1.
Motor vehicle. C. R. Paton. 2,107,082; Feb. 1.
Mounting for road working machines, Implement. J. J. Low. 2,107,123; Feb. 1.
Multiaxle drive vehicle. A. W. Herrington. 2,107,072; Feb. 1.
Multicolor filter. G. Heymer. 2,107,116; Feb. 1.
Multiphoto apparatus, Automatic. E. Römer. 2,106,814; Feb. 1.
Needle bed construction. L. Robacynski. 2,106,910; Feb. 1.
Needles and the like, Straightening knitting. G. Gastrich. 2,107,253; Feb. 1.
No screed tile clip. L. Harrington. 2,106,948; Feb. 1.
Nut. A. G. M. Michell. 2,106,984; Feb. 1.
Odor dispenser. H. B. White. 2,107,019; Feb. 1.
Oil distillation, Mineral. W. E. Kuhn and L. C. Kemp, Jr. 2,107,156; Feb. 1.
Oil from oil containing protein material, Producing. L. T. Hopkinson. 2,107,245; Feb. 1.
Oil, Neutralization of acid treated. J. M. Harris, Jr., and N. F. Black. 2,106,976; Feb. 1.
Oil sands, Apparatus for treating depleted. W. E. Lang. 2,107,006; Feb. 1.
Oil sands, Increasing recovery from. W. E. Lang. 2,107,007; Feb. 1.
Oils, Centrifugal dewaxing of. A. A. Wells. 2,106,964; Feb. 1.
Oils, Dewaxing lubricating. C. E. Adams, F. W. Sullivan, Jr., and J. A. Anderson. 2,107,137; Feb. 1.
Oils, Process for solvent dewaxing. H. van der Waerden. 2,107,064; Feb. 1.
Oils, Production of highly viscous. M. Pier and A. Eisenhut. 2,106,960; Feb. 1.
Oils, Separating waxy constituents from. G. H. B. Davis. 2,106,969; Feb. 1.
Open hearth valve. J. G. Hubbard. 2,106,913; Feb. 1.
Ores, Concentration of. O. Fischer, T. Earle, and E. F. Haffey. 2,106,800; Feb. 1.
Ores, Treating. T. Earle. 2,106,887; Feb. 1.
Orthopedic instrument. C. Owens. 2,107,081; Feb. 1.
Overspeed drive no back lockout. W. B. Barnes. 2,106,905; Feb. 1.
Package and manufacture thereof. A. Wesselman. 2,107,096; Feb. 1.
Package sealing. L. E. Davies. 2,107,237; Feb. 1.
Packer, Hook wall. F. J. Spang. 2,106,859; Feb. 1.

Packing assembly. G. Christenson. 2,106,829; Feb. 1.
Packing ring. P. M. Freer. 2,107,241; Feb. 1.
Pad: *See*—
Hair waving wrapper pad.
Paint box. V. M. Eckhoff. 2,107,239; Feb. 1.
Paper and analogous material container. J. K. M. Harrison. 2,106,738; Feb. 1.
Paper and manufacture of paper. W. E. B. Baker. 2,106,709; Feb. 1.
Paper-bag-machine attachment. W. C. Hepke. 2,107,249; Feb. 1.
Paper-bag machine attachment. W. C. Hepke. 2,106,740; Feb. 1.
Paper feeding mechanism. E. Reingruber. 2,107,128; Feb. 1.
Paper roll support, Adjustable. J. H. Williams. 2,107,020; Feb. 1.
Paste of paramagnetic particles for use in the examination of paramagnetic materials for flaws by the magnetic method. C. E. Betz. 2,106,882; Feb. 1.
Pattern, Garment. W. I. and M. W. Le Coq. 2,106,895; Feb. 1.
Paving. A. C. Fischer. 2,106,944; Feb. 1.
Peeler. R. P. De Vault. 2,106,796; Feb. 1.
Pellicles and process relating to same. T. F. Banigan. 2,106,786; Feb. 1.
Pen, Fountain. W. F. Heising. 2,107,150; Feb. 1.
Pen, Fountain. H. H. Polk, Jr. 2,107,162; Feb. 1.
Perforating machine. R. R. Dauwalter. 2,107,068; Feb. 1.
Perforating machine. D. J. Oldenbloom. 2,107,160; Feb. 1.
Phenolic compounds, Preparing. J. F. Olin. 2,107,060; Feb. 1.
Phonograph. H. R. Searing and A. F. Shipstedt. 2,106,764; Feb. 1.
Phonograph. J. A. Volk. 2,106,778; Feb. 1.
Phonograph turntable driving mechanism. F. C. Barton. 2,106,710; Feb. 1.
Photographic contrasts, Obtaining. J. H. de Boer and K. H. Klaassens. 2,106,868; Feb. 1.
Photography, Colored. O. A. Townsend and A. P. Masters. 2,107,004; Feb. 1.
Pin: *See*—
Wrist pin.
Pipe: *See*—
Smoking pipe.
Pipe lines, Device for supporting steam. U. Nakamura. 2,106,956; Feb. 1.
Pipes, Stopping service and other gas. C. S. Hasel. 2,107,250; Feb. 1.
Pistons, Apparatus for molding strut. E. Mahle. 2,107,009; Feb. 1.
Plasticising agent for cellulose derivatives, Application of a. R. H. Lock. 2,107,203; Feb. 1.
Platter, Service. M. Bertsch. 2,107,023; Feb. 1.
Plug for oil wells, Bottom tubing. W. K. Edwards. 2,106,996; Feb. 1.
Potato digger chain. H. E. and R. J. Altgelt. 2,107,021; Feb. 1.
Power operating mechanism. W. A. Eaton and S. Vorech. 2,107,110; Feb. 1.
Power supply system, Emergency. J. M. Dannheiser. 2,106,968; Feb. 1.
Power transmission device. J. J. Hoehm. 2,106,743; Feb. 1.
Power transmission device. J. B. Suomala. 2,106,773; Feb. 1.
Power transmission means. A. J. Chantry. 2,106,720; Feb. 1.
Press: *See*—
Molding press.
Pressure recording apparatus and method. J. A. Stein and H. F. Semrau. 2,106,772; Feb. 1.
Print drier, Photographic. V. L. Poison. 2,106,931; Feb. 1.
Projection screen. M. Lennard. 2,107,038; Feb. 1.
Protection of bodies for sandblasting ornamentation. R. H. Kavanaugh. 2,106,979; Feb. 1.
Protector: *See*—
Substation protector.
Protector for garment hangers, Garment. A. M. Johnson. 2,107,003; Feb. 1.
Psychrometer. P. G. Magner. 2,107,077; Feb. 1.
Puffing, Making transparent. F. Tavin and H. Haas. 2,106,819; Feb. 1.
Pull rod support. J. E. Chambers. 2,107,234; Feb. 1.
Puller: *See*—
Candy puller.
Pump *See*—
Fuel injection pump. Water pump.
Reversible fuel pump.
Pump and blower, Corrosion resisting. S. Ihara. 2,107,200; Feb. 1.
Punch. R. E. Page. 2,107,161; Feb. 1.
Quick closing and sealing valve. R. W. Collison. 2,106,723; Feb. 1.
Rack: *See*—
Floor rack.
Rack for refrigerator cars, Floor. R. J. Olander. 2,106,853; Feb. 1.
Radio control, Automatic. E. Brugger. 2,106,715; Feb. 1.
Radio directional indicator. J. B. Kleinkauf and D. K. Martin. 2,107,155; Feb. 1.
Radio frequency coil, Variable inductance. A. Agricola. 2,107,172; Feb. 1.
Radio mounting device. H. Kippenberg and P. Künser. 2,107,037; Feb. 1.
Radio station selector, Automatic. E. Brugger. 2,106,714; Feb. 1.
Rail expansion joint. H. H. Gilbert. 2,106,705; Feb. 1.
Railway control system. E. L. Harder, L. J. Hibbard, and W. R. Taliaferro. 2,106,844; Feb. 1.
Railway mail car. S. E. Wiley. 2,107,099; Feb. 1.
Range and control system therefor, Electric. W. Bauer. 2,107,173; Feb. 1.
Receiving system. B. Trevor and R. W. George. 2,106,776; Feb. 1.
Receptacle and closure therefor. H. L. Rogers. 2,107,216; Feb. 1.
Record controlled machine. R. L. Houston. 2,106,801–2; Feb. 1.
Record keeping device. B. E. Rorem. 2,106,856; Feb. 1.
Refrigerating apparatus. R. E. Gould. 2,106,840; Feb. 1.
Refrigerating apparatus. G. W. Mason. 2,107,076; Feb. 1.
Refrigerating apparatus. L. E. Scott and E. A. Smith. 2,107,088; Feb. 1.
Refrigeration. U. E. Coons. 2,107,053; Feb. 1.
Refrigerator. C. S. Evans. 2,106,909; Feb. 1.
Regulating device for thermocompressors. J. Kirgan. 2,106,804; Feb. 1.
Relay system. C. W. Latimer, J. L. Finch, and H. H. Beverage. 2,106,806; Feb. 1.
Remote control system. H. C. Vantassel. 2,106,990; Feb. 1.
Respirator. H. S. Cover. 2,106,795; Feb. 1.
Retainer for expansion joint strips. V. Schiavi. 2,106,935; Feb. 1.
Reversible fuel pump. M. W. Huber. 2,107,152; Feb. 1.
Ribbon feeding mechanism. J. F. Leventhal and S. Bagno. 2,107,039; Feb. 1.
Ribbon mechanism, Two-color. L. M. Potts. 2,107,044; Feb. 1.
Ring: *See*—
Packing ring.
Rock drill joint. H. H. Des Roches. 2,107,238; Feb. 1.
Roller bearer for printing machines. J. W. Johnson. 2,107,117; Feb. 1.
Roof structure, Car. J. J. Tatum. 2,106,988; Feb. 1.
Rotary tool. J. De Mooy. 2,107,108; Feb. 1.
Rubber, Producing porous sheets of. E. A. Murphy and S. D. Taylor. 2,106,808; Feb. 1.
Sadiron construction, Light weight. H. A. Smith. 2,106,936; Feb. 1.
Safety apparatus for liquid fuel containers. N. E. Koch. 2,106,750; Feb. 1.
Sandblast ornamentation, Method for. R. H. Kavanaugh. 2,106,980; Feb. 1.
Sauce, Preparation of soy. W. O. Snelling. 2,107,133; Feb. 1.
Scraper, Wheeled. T. R. Paulsen. 2,106,759; Feb. 1.
Screen: *See*—.
Projection screen.
Screen for automobiles, Light. J. Frank. 2,106,889; Feb. 1.
Seal for pump structures. S. C. Bliss. 2,106,884; Feb. 1.
Seamed bag. W. W. Rowe. 2,106,875; Feb. 1.
Seat construction. F. O. Church. 2,107,052; Feb. 1.
Seat structure, Aeroplane. R. C. Miller. 2,106,985; Feb. 1.
Seeder. H. C. Rassmann. 2,106,901; Feb. 1.
Sensing device. W. W. Lasker, Jr. 2,107,006; Feb. 1.
Separable fastener. P. E. Fenton. 2,106,728; Feb. 1.
Separator: *See*—
Centrifugal separator. Fruit packing separator.
Form separator.
Shaft coupling. W. Fleury. 2,107,070; Feb. 1.
Sharpener, Pencil. M. L. Ullman. 2,106,963; Feb. 1.
Sharpening device for safety razor blades, Electric. L. C. Hobart. 2,106,977; Feb. 1.
Shaving device. J. O. Jensen. 2,107,055; Feb. 1.
Shaving implement. J. Muros. 2,107,207; Feb. 1.
Sheet carrier. H. H. Schmid. 2,107,189; Feb. 1.
Sheet material, Shredded. N. E. McCulloch and W. A. Bourne. 2,106,896; Feb. 1.
Sheet metal container. A. H. Blakeway. 2,107,232; Feb. 1.
Sheet metal container. A. Pfleghar. 2,107,212; Feb. 1.
Sheet registering device for printing presses. L. R. Johnson. 2,107,248; Feb. 1.
Shoe bottom units, Manufacture of. R. E. Hopkins. 2,106,845; Feb. 1.
Shoe structure. C. F. and F. A. Bohn. 2,107,129; Feb. 1.
Sifting device. R. Hinkle. 2,106,742; Feb. 1.
Sign: *See*—
Illuminated sign.
Signal distortion indicating and measuring device for printing telegraph systems. R. B. Hearn. 2,107,149; Feb. 1.
Signal for vehicles, Direction. F. Courtinande. 2,107,104; Feb. 1.
Signaling system. R. E. Ressler. 2,106,810; Feb. 1.
Signaling system for railroads. J. E. Willing. 2,107,171; Feb. 1.
Signaling, Ultrahigh frequency. G. C. Southworth. 2,106,771; Feb. 1.
Silica for glass batches, Preparation of. H. P. Hood. 2,106,745; Feb. 1.
Ski clamping device. L. Aubert. 2,107,195; Feb. 1.

Slab construction, Doweled. C. F. Davis, J. G. Brush, and R. H. Peck. 2,107,145; Feb. 1.
Slab, Doweled. C. F. Davis, J. G. Brush, and R. H. Peck. 2,107,144; Feb. 1.
Smoking pipe. N. K. Jellinghaus. 2,106,747; Feb. 1.
Smoking pipe. J. P. Tarbox. 2,106,774; Feb. 1.
Sole fitting machine. F. B. Bertrand. 2,106,712; Feb. 1.
Sound distortion, Neutralizing. W. Wilson. 2,107,135; Feb. 1.
Sound recorder and reproducer. M. Bender. 2,107,050; Feb. 1.
Sound reproducing apparatus. B. R. Carson and A. G. Zimmerman. 2,106,718; Feb. 1.
Space-current device. N. C. Pearcy. 2,106,855; Feb. 1.
Speed-change mechanism. K. F. Gallimore. 2,106,731; Feb. 1.
Speed changing device for phonograph turntables. E. E. Collison and E. Nyman. 2,106,722; Feb. 1.
Speed changing mechanism. T. R. Goldsborough. 2,106,733; Feb. 1.
Spool and container, Film. B. H. Draeger. 2,106,726; Feb. 1.
Squash-racket court and the like. G. H. Colt. 2,107,141; Feb. 1.
Squeeze tube cap. S. R. Weston. 2,107,226; Feb. 1.
Stabilizer structure for automobiles. H. L. Chisholm, Jr. 2,106,886; Feb. 1.
Stabilizing means for motor vehicles. C. B. Huntman. 2,107,183; Feb. 1.
Stairway, Moving. W. F. Eames. 2,106,833; Feb. 1.
Stamp and label box. J. Yacker and W. S. Kirsch. 2,107,194; Feb. 1.
Stand: *See*—
Adjustable stand. Merchandising display stand.
Hat stand.
Stand and accessories therefor, Smoking. E. F. McDonald. 2,107,010; Feb. 1.
Stapling machine core. W. F. Weber. 2,107,169; Feb. 1.
Steam generator. J. P. Badenhausen. 2,107,022; Feb. 1.
Steam, Indirect generating of superheated. W. Bredtschneider. 2,107,101; Feb. 1.
Stencil for use in sandblasting. R. H. Kavanaugh. 2,106,981; Feb. 1.
Stockings, Making. L. H. Mendelsohn. 2,107,078; Feb. 1.
Store front construction. C. J. Bristow. 2,106,885; Feb. 1.
Strainer, Convertible sink. A. N. Pasman. 2,107,126; Feb. 1.
Straining and comminuting apparatus, Combined. C. H. Nordell. 2,106,851; Feb. 1.
Strands, Apparatus for handling. F. V. Johnson and R. R. Nydegger. 2,106,903; Feb. 1.
Stretcher, Shoe. P. Cirelli. 2,107,140; Feb. 1.
Substation protector. R. G. Sands. 2,106,902; Feb. 1.
Suction cleaner. E. L. Snyder. 2,107,016; Feb. 1.
Sugar, Controlled-grain. R. W. Robinson and A. Olsen, Jr. 2,106,762; Feb. 1.
Support: *See*—
Paper roll support. Pull rod support.
Surgical apparatus. J. G. H. Liebel and E. S. Flarsheim. 2,107,057; Feb. 1.
Switch: *See*—
Electric switch.
Table: *See*—
United folding leg table.
Tabulating and punching mechanism, Combined. E. H. Dreher. 2,107,030; Feb. 1.
Tabulating machine. G. F. Daly. 2,107,143; Feb. 1.
Tachymetric corrective device, more particularly for use in connection with sighting apparatus for artillery. 2,106,996; Feb. 1.
Tag and affixing the same, Bale identification. G. E. Gaus. 2,107,071; Feb. 1.
Tailor's measuring device. J. J. Fichtol. 2,106,729; Feb. 1.
Tap clamp, Conductor protecting. R. R. Pittman and C. H. Walsh. 2,107,061; Feb. 1.
Tap construction. F. E. Rice. 2,107,164–5; Feb. 1.
Telephone signaling system. E. E. King. 2,107,154; Feb. 1.
Telephone system. H. A. Lewis. 2,107,158; Feb. 1.
Telephone system. F. Wolf. 2,106,881; Feb. 1.
Telephone system, Automatic or semi-automatic. R. Mercer. 2,106,897; Feb. 1.
Teletypewriter. W. Y. Lang and E. F. Watson. 2,106,805; Feb. 1.
Temperature control means for machine lubricating systems. E. A. Ryder and W. A. Parkins. 2,107,188; Feb. 1.
Testing and classifying bonded granular bodies. R. L. Molton. 2,107,136; Feb. 1.
Thread, Rubber. J. E. Gammeter. 2,107,032; Feb. 1.
Tie plate and retaining clip, Railway. F. S. Schwinn. 2,107,131; Feb. 1.
Toaster, Electric. G. M. Bayne. 2,106,824; Feb. 1.
Tool: *See*—
Machine tool. Rotary tool.
Tool for removing paint, varnish lacquer, shellac, etc. F. J. Schulz. 2,107,220; Feb. 1.
Tool head for milling machines. W. J. F. Forward. 2,106,835; Feb. 1.
Toy train, Articulated. J. L. Bonanno. 2,106,698; Feb. 1.
Traffic controlling system for railroads, Centralized. N. D. Preston. 2,107,163; Feb. 1.
Trailer. J. M. Davan. 2,107,107; Feb. 1.
Transmission. T. L. Fawick. 2,107,112; Feb. 1.
Transmission. C. W. Floss. 2,106,870; Feb. 1.
Transmission mechanism. H. J. Perazzoli. 2,106,918; Feb. 1.
Transmission mechanism. B. A. Swennes. 2,107,089; Feb. 1.
Trap: *See*—
Animal trap.
Tube construction, Electric. C. A. Horn. 2,107,254; Feb. 1.
Tube or lamp, Electric discharge. A. Lederer. 2,106,753; Feb. 1.
United folding leg table. B. E. Willett. 2,107,252; Feb. 1.
Valve: *See*—
Automatic rotor valve. Water temperature control valve.
Open hearth valve.
Quick closing and sealing valve.
Valve. A. J. Henderson. 2,107,182; Feb. 1.
Valve. L. H. Kennon. 2,107,200; Feb. 1.
Valve. A. Trask. 2,106,775; Feb. 1.
Valve assembly. W. H. Haas. 2,106,736; Feb. 1.
Valve control, Flush. E. F. Morkisch. 2,106,916; Feb. 1.
Valve control system, Electric. H. Winograd. 2,107,263; Feb. 1.
Vapor electric device. J. Slepian and L. R. Ludwig. 2,106,857; Feb. 1.
Vegetable cutter. F. W. Nankivell. 2,107,208; Feb. 1.
Vehicle: *See*—
Motor vehicle. Wheeled vehicle.
Multiaxle drive vehicle.
Ventilator control system, Unit. W. R. Miller. 2,106,898; Feb. 1.
Vibration-damped structure, Making. D. S. Bruce and R. E. Berg. 2,106,792; Feb. 1.
Visor construction. C. B. Johnson. 2,107,247; Feb. 1.
Vitamin D, Apparatus for producing. C. C. Whittier. 2,106,782; Feb. 1.
Vitamin D, Producing. C. C. Whittier. 2,106,779; Feb. 1.
Vitamin D product, Producing a. C. C. Whittier. 2,106,780; Feb. 1.
Waist band for garments. I. W. Rohatyn. 2,107,046; Feb. 1.
Wall construction, Heat-insulated. E. R. Bose. 2,107,258; Feb. 1.
Warp leasing, Device for. F. H. Kaufmann. 2,107,004; Feb. 1.
Washing machine. G. G. Blandford. 2,107,139; Feb. 1.
Waste for journal box use, Apparatus for treating fibrous. E. S. Pearce. 2,106,986; Feb. 1.
Watchcase. J. Dinhofer. 2,107,176; Feb. 1.
Water bubbler. A. J. Desrosiers. 2,107,109; Feb. 1.
Water feed for rotary offset and lithographic presses. J. G. Goodlike. 2,106,732; Feb. 1.
Water pump. B. A. Swennes. 2,107,090; Feb. 1.
Water temperature control valve. C. B. McClure. 2,106,929; Feb. 1.
Waves, Transmission of guided. G. C. Southworth. 2,106,769; Feb. 1.
Wave-meter. A. E. Bowen. 2,106,713; Feb. 1.
Waxing machine. D. Wood. 2,106,940; Feb. 1.
Welding apparatus, Electric. R. A. Terrell. 2,107,093; Feb. 1.
Wetting, emulsifying, dispersing, or cleansing agents and products obtained by this process, Preparation of. A. Butignot. 2,107,197; Feb. 1.
Wheel axle structure, Motor vehicle drive steering. A. W. Herrington. 2,107,073; Feb. 1.
Wheeled vehicle. M. H. Tuft. 2,106,923; Feb. 1.
Windmill. C. J. Schenk. 2,107,219; Feb. 1.
Window and door lock, Casement. H. H. Kistner. 2,107,056; Feb. 1.
Window construction, Double. W. Owen. 2,106,900; Feb. 1.
Window, Double slide. J. Takach. 2,107,192; Feb. 1.
Wire, Bowden. W. W. Lasker. 2,107,184; Feb. 1.
Wire reminder for telephones, Held. A. C. Hersberg. 2,106,912; Feb. 1.
Wood, Fireproofing of. H. Tramm, C. Clar, P. Kühnel, and W. Schuff. 2,106,938; Feb. 1.
Wood preservative. K. H. Klipstein. 2,106,983; Feb. 1.
Wood preservative composition. S. Kamesam. 2,106,978; Feb. 1.
Wrapping machine, Hand operated. H. E. Goerke, G. A. Bystrom, and H. W. Schmale. 2,106,999; Feb. 1.
Wrench. J. E. Bittner. 2,107,231; Feb. 1.
Wrist pin, Sliding screw adjustable. E. E. Francis. 2,106,945; Feb. 1.
X-ray apparatus, Portable self-contained. H. L. J. Marshall. 2,106,873; Feb. 1.
Yeast, Manufacture of. J. F. Wroten. 2,106,784; Feb. 1.
Zero resetting mechanism for registers. K. Locke and R. Brunhuber. 2,106,807; Feb. 1.

CLASSIFICATION OF PATENTS

ISSUED FEBRUARY 1, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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250— 20: 2,106,714
2,106,715
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41: 2,107,171
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248— 49: 2,106,956
185: 2,107,124
231: 2,107,057
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305— 6: 2,107,234
62: 2,107,214
240: 2,106,890
309— 33: 2,107,241
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311— 82: 2,107,252

U. S. GOVERNMENT PRINTING OFFICE: 1936

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905. Sec. 6, as amended Mar. 2, 1907]

A/S Trondhjem Canning and Export Co., Trondheim, Norway. Canned fish. Serial No. 397,585; Feb. 8. Class 46.

Albemarle Paper Mfg. Company, The, Richmond, Va. Kraft paper. Serial No. 399,591; Feb. 8. Class 37.

Albert, Lee, doing business as L. Albert Co., New York, N. Y. High chair pad. Serial No. 397,922; Feb. 8. Class 32.

American Optical Company, Southbridge, Mass. Ophthalmic mountings and parts therefor. Serial No. 400,182; Feb. 8. Class 24.

American Safety Razor Corporation, Brooklyn, N. Y. Razor stropping machines. Serial No. 397,015; Feb. 8. Class 23.

Anco Corporation, Pittsburgh, Pa. Fly paper and strips for catching flies. Serial No. 399,745; Feb. 8. Class 50.

Atlantic Research Associates, Inc., Newtonville, Mass. Paints, paint pigments, and casein coating materials. Serial No. 394,366; Feb. 8. Class 16.

Atlantic Research Associates, Inc., Newtonville, Mass. Paints and casein coating materials. Serial No. 394,367; Feb. 8. Class 16.

Baker & Company, Inc., Newark, N. J. Dental investment composition. Serial No. 400,864; Feb. 8. Class 44.

Barclay, Jas., & Co. Limited, Peoria, Ill. Whiskey. Serial No. 401,044; Feb. 8. Class 49.

Barmon Brothers Company Inc., Buffalo, N. Y. Frocks. Serial No. 400,450; Feb. 8. Class 39.

Beck, Mitchel, Company, New York, N. Y. Nuts. Serial No. 400,784; Feb. 8. Class 46.

Berkson Bros., Inc., Chicago, Ill. A-to-Z index guides, art gum erasers, blotters, etc. Serial No. 391,681; Feb. 8. Class 37.

Blier, Marcia, New York, N. Y. Liquid aluminum cleanser. Serial No. 400,491; Feb. 8. Class 4.

Blue Bird Body Company. (See Luce, Albert L.)

Bonwit Teller, Inc., New York, N. Y. Women's and misses' shoes. Serial No. 400,498; Feb. 8. Class 39.

Bowser, S. F., & Company, Incorporated, Fort Wayne, Ind. Meters, predetermined stop devices, and registers. Serial No. 399,918; Feb. 8. Class 24.

Brighton Copper Works, Incorporated, Cincinnati, Ohio. Attemperator coils, hot water tanks, and cooling coils. Serial No. 395,062; Feb. 8. Class 34.

Burpee, W. Atlee, Company, Philadelphia, Pa. Seeds, bulbs, roots, etc. Serial No. 400,334; Feb. 8. Class 1.

Bury, Irene M., Los Angeles, Calif. Sport suits and play suits. Serial No. 400,084; Feb. 8. Class 39.

Calbear Canneries Co., San Francisco, Calif. Canned fruits, canned fruit cocktail, canned vegetables. Serial No. 400,200; Feb. 8. Class 46.

Cameron, Hwea, Wellington, New Zealand. Effervescent mouth wash tablets, deodorants, etc. Serial No. 397,617; Feb. 8. Class 6.

Cardin, Orah, Miami, Ohio. Preparation for treating rheumatism, diabetes, and dropsy. Serial No. 398,754; Feb. 8. Class 6.

Celanese Corporation of America, New York, N. Y. Underwear and sport shirts. Serial No. 399,030; Feb. 8. Class 39.

Cohen, Joseph H., & Sons, Vanity Clothes, Inc., New York, N. Y. Men's clothing. Serial No. 400,406; Feb. 8. Class 39

Cole Hot Blast Mfg. Company, Chicago, Ill. Heating stoves. Serial No. 398,068; Feb. 8. Class 34.

College Inn Food Products Company, Chicago, Ill. Scotch whiskey. Serial Nos. 400,752–4; Feb. 8. Class 49.

Comet Tools, Inc., New York, N. Y. Turning tools and turning tool holders. Serial No. 397,928; Feb. 8. Class 23.

Compass Cameras, Limited, London, England. Tripods. Serial No. 398,512; Feb. 8. Class 24.

Congregational Publishing Society, doing business as The Pilgrim Press, New York, N. Y., and Boston, Mass. Printed books, pamphlets, magazines, and periodicals. Serial No. 399,596; Feb. 8. Class 38.

Corn Products Sales Company, New York, N. Y. Starch. Serial No. 400,366; Feb. 8. Class 6.

Cream of Rice Company, New York, N. Y. Breakfast cereal. Serial No. 400,154; Feb. 8. Class 44.

Cribben & Sexton Company, Chicago, Ill. Printers' mats, electrotypes, stereotypes, etc. Serial No. 367,435; Feb. 8. Class 50.

Dewey and Almy Chemical Company, Cambridge, Mass. Balloons, particularly balloons used for meteorological purposes. Serial No. 399,235; Feb. 8. Class 26.

Duncan, Donald F., Inc., Chicago, Ill. Wooden toy. Serial No. 401,342; Feb. 8. Class 22.

Eagle Clothes, New York, N. Y. Men's suits. Serial No. 372,317; Feb. 8. Class 39.

Ed's Baking Co., Inc., Jamestown, N. Y. Breads, rolls, buns, etc. Serial Nos. 398,017–18; Feb. 8. Class 46.

Electric Distributing Co., Inc., Chicago, Ill. Electric flood-lights, shade globes, lamps, etc. Serial No. 399,884; Feb. 8. Class 21.

Electro Ball Company, Inc., Dallas, Tex. Deodorants, disinfectants, antiseptics, etc. Serial No. 400,637; Feb. 8. Class 6.

Elmars Products. (See Standard Drug Co.)

Eloesser-Heynemann Co., San Francisco, Calif. Work clothing. Serial No. 397,284; Feb. 8. Class 39.

Empire State Pickling Co., Phelps, N. Y. Mixture of tomato juice and sauerkraut juice. Serial No. 401,051; Feb. 8. Class 46.

F & S Remedy Company. (See Scurlock, Robert S.)

Farm Tools, Inc., Mansfield, Ohio. Disc harrows. Serial No. 400,295; Feb. 8. Class 23.

Fava, G., Fruit Company, Inc., Baltimore, Md. Wines. Serial No. 400,059; Feb. 8. Class 47.

Fisher Scientific Company, Pittsburgh, Pa. Metal pipe and adjustable aluminum alloy pipe clamps. Serial No. 398,842; Feb. 8. Class 13.

Forester, Floyd C., doing business as Independent Oil Co. of N. C., North Wilkesboro, N. C. Gasoline, motor oil, kerosene, etc. Serial No. 400,407; Feb. 8. Class 15.

Franrose Dress, Inc., New York, N. Y. Dresses, coats, and wraps. Serial No. 399,588; Feb. 8. Class 39.

Fraser & Company, New York, N. Y. Canned fruits. Serial No. 400,297; Feb. 8. Class 46.

Freedom Oil Works Company, The, Freedom, Pa. Lubricating oils and greases. Serial No. 396,068; Feb. 8. Class 15.

Fueloil Journal. (See Oil Trade Journal, Inc.)

Garlock Packing Company, The, Palmyra, N. Y. Leather packings, cups, washers, etc. Serial No. 398,722; Feb. 8. Class 35.

Gem Food Corporation, Newark, N. J. Canned vegetables and fruits, tea, coffee, etc. Serial No. 399,297; Feb. 8. Class 46.

Gemex Company, Newark, N. J. Jewelry. Serial No. 399,349; Feb. 8. Class 28.

General Chemical Company, New York, N. Y. Cyanides. Serial No. 400,099; Feb. 8. Class 6.

Gillette Safety Razor Company, Boston, Mass. Toilet kits. Serial No. 399,227; Feb. 8. Class 50.

Gleason Works, The, Rochester, N. Y. Gears. Serial No. 400,596; Feb. 8. Class 23.

Glemby Company, Inc., The, New York, N. Y. Combs. Serial No. 400,727; Feb. 8. Class 40.

Glidden Company, The, Cleveland, Ohio. Feed for cattle, sheep, hogs, etc. Serial No. 399,656; Feb. 8. Class 46.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Automobile seat corners. Serial No. 399,352; Feb. 8. Class 19.

Greenwich Preserving Co. Inc., New York, N. Y. Jellies. Serial No. 394,837; Feb. 8. Class 46.

Hannin, Harry, Chicago, Ill. Athletic trouser used in a game or sport commonly called "soft-ball". Serial No. 392,208; Feb. 8. Class 39.

Harrower Laboratory, Inc., The, Glendale, Calif. Medicinal preparation. Serial No. 399,966; Feb. 8. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Potent extract of the adrenal cortex tissue. Serial No. 399,967; Feb. 8. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Substance including a water-soluble liver fraction and nucleinic acid. Serial No. 399,968; Feb. 8. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Medicinal compound in tablet form. Serial No. 399,969; Feb. 8. Class 6.

Harrower, Norman, doing business as Linton Brothers & Company, Fitchburg, Mass. Tagboard, cardboard, and index bristol. Serial No. 394,174; Feb. 8. Class 37.

Hart, Fred E., doing business as The Toothbrush Sanitizer Co., Los Angeles, Calif. Toothbrush sanitising preparation. Serial No. 400,415; Feb. 8. Class 6.

Hat Corporation of America, Norwalk, Conn. Hats for women. Serial No. 400,417; Feb. 8. Class 39.

Home News Publishing Company, The, New Brunswick, N. J. Newspaper. Serial No. 400,643; Feb. 8. Class 38.

Home News Publishing Company, The, New Brunswick, N. J. Newspaper. Serial No. 400,728; Feb. 8. Class 38.

Hood Pharmacal Co., Washington, D. C. Preparation for use in treatment of athlete's foot, simple ringworm, etc. Serial No. 400,105; Feb. 8. Class 6.

Horner, Frank W., Limited, Montreal, Quebec, Canada. Capsules containing wheat germ oil, halibut oil, etc. Serial No. 398,246; Feb. 8. Class 6.

Hurka, Frank, doing business as Tug-O-Wheel Hand Plow Company, Schenectady, N. Y. Garden implements. Serial No. 399,236; Feb. 8. Class 23.

Independent Oil Co. of N. C. (See Forester, Floyd C.)

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Intercontinental Meat Corporation, New York, N. Y. Canned hams and picnics. Serial No. 395,620; Feb. 8. Class 46.

Kastar Specialty Mfg. Co., Inc., New York, N. Y. Synthetic celluloce chamois substitute. Serial No. 400,731; Feb. 8. Class 50.

Keller Travel Club, Incorporated, New York, N. Y. Publication of travel. Serial No. 399,930; Feb. 8. Class 38.

Kemp, E. F., Inc., Somerville, Mass. Chocolate covered candies. Serial No. 398,774; Feb. 8. Class 46.

Keystone Brass & Rubber Co., Philadelphia, Pa. Flush valve balls of tanks of toilet bowls. Serial No. 399,931; Feb. 8. Class 13.

Kimball-Yoes Corporation, The, Houston, Tex. Chemical preparation. Serial No. 400,511; Feb. 8. Class 6.

King Grader Sales Co. (See Spayd, Walker H.)

Koch Bros. Inc., Union City, N. J. Preparation to relieve headache and indigestion. Serial No. 363,330; Feb. 8. Class 6.

Lauckx, I. F., Inc., Seattle, Wash. Plywood. Serial No. 400,558; Feb. 8. Class 12.

Lawrence, A. C. Leather Company, Peabody, Mass. Leather. Serial No. 400,512; Feb. 8. Class 1.

Leigh, Ethel T., doing business as The Traphagen Commercial Textile Studio, New York, N. Y. Artistic drawings. Serial No. 400,772; Feb. 8. Class 38.

Linton Brothers & Company. (See Harrower, Norman.)

Lord & Taylor, New York, N. Y. Dresses, suits, and coats. Serial Nos. 400,420–1; Feb. 8. Class 39.

Luce, Albert L., doing business as Blue Bird Body Company, Fort Valley, Ga. Steel vehicle bodies. Serial No. 400,198; Feb. 8. Class 19.

Ludlow Manufacturing & Sales Co., Boston, Mass. Thread of flax for shoemakers' use. Serial No. 397,542; Feb. 8. Class 43.

Lustberg, Nast & Co., Inc., New York, N. Y. Shirts, coats, and jackets. Serial No. 400,113; Feb. 8. Class 39.

Macy, R. H., & Co., Inc., New York, N. Y. Enamel and porcelain cleaner, soaps, etc. Serial No. 399,717; Feb. 8. Class 4.

Mahler, John S., Chicago, Ill. Animal play-straps. Serial No. 400,063; Feb. 8. Class 22.

Maisons de Venoge, Société Anonyme, Epernay, France. Champagne wines. Serial No. 398,193; Feb. 8. Class 47.

Manne & Weill, New York, N. Y. Fabric gloves. Serial No. 396,039; Feb. 8. Class 39.

Manebrooke Rainwear Corp., New York, N. Y. Raincoats. Serial No. 394,102; Feb. 8. Class 39.

Marison & Rosenberg Co., Inc., New York, N. Y. Ladies' handbags. Serial No. 398,969; Feb. 8. Class 3.

Marvalin Co., The. (See Zimmerman, Roy.)

Mayfair Pharmacal Co. (See Nichols, Harry J.)

McCreery, James, & Company, New York, N. Y. Absorbent face cleaning sheets or facial tissue. Serial No. 400,425; Feb. 8. Class 37.

McCurrach Organization Incorporated, New York, N. Y. Men's neckties and mufflers. Serial No. 400,350; Feb. 8. Class 39.

Mead, Sterling V., doing business as Sunnymead Gardens, Auburndale, Fla. Fresh citrous fruits and tropical or semi-tropical fruits. Serial No. 397,979; Feb. 8. Class 46.

Medart Company, The, St. Louis, Mo. Power transmission equipment. Serial No. 398,732; Feb. 8. Class 23.

Merkin, Rose, Boston, Mass. Face masks and beauty helmets. Serial No. 400,781; Feb. 8. Class 44.

Midland Chemical Laboratories, Inc., Dubuque, Iowa. Paste dry cleaning soap. Serial No. 400,462; Feb. 8. Class 4.

Miller, Albert, & Co., Chicago, Ill. Potatoes. Serial No. 400,717; Feb. 8. Class 46.

Miller, Hyman, doing business as Myam Products Co., Arlington, Mass. Medicinal preparation. Serial No. 398,480; Feb. 8. Class 6.

Moisture Proof Fabrics, Inc., New York, N. Y. Waterproof fabrics. Serial No. 399,975; Feb. 8. Class 50.

Monsanto Chemical Company, St. Louis, Mo. Organic and inorganic aerogels. Serial No. 385,796; Feb. 8. Class 6.

Montiel, E. Carlos, Caracas, Venezuela. Disinfectant. Serial No. 400,065; Feb. 8. Class 6.

Myam Products Co. (See Miller, Hyman.)

National Association of Real Estate Boards, Chicago, Ill. Magazine. Serial No. 396,574; Feb. 8. Class 38.

National Co-Operatives, Inc., Indianapolis, Ind. Fly spray. Serial No. 400,118; Feb. 8. Class 6.

Natural Sugars, Inc., New York, N. Y. Syrup, molasses, and fruit syrups. Serial No. 400,990; Feb. 8. Class 46.

Newmark, M. A., Co. (See Schuette, H. J.)

Niacet Chemicals Corporation, Niagara Falls, N. Y. Sodium acetate. Serial No. 399,775; Feb. 8. Class 6.

Nichols, Harry J., doing business as Mayfair Pharmacal Co., Dayton, Ohio. Antiseptic preparation. Serial No. 400,385; Feb. 8. Class 6.

Noelia Products. (See Page, Benjamin E.)

Northern Equipment Company, Erie, Pa. Boiler feed water regulators. Serial No. 399,322; Feb. 8. Class 13.

Norwich Pharmacal Company, The, Norwich, N. Y. Preparation for preventing sunburn. Serial No. 399,722; Feb. 8. Class 6.

O'Bryan Brothers, Incorporated, Nashville, Tenn. Trousers. Serial No. 399,007; Feb. 8. Class 39.

O'Bryan & Johnson, Redlands, Calif. Fresh citrus fruit. Serial No. 401,070; Feb. 8. Class 46.

O'Bryan & Johnson, Redlands, Calif. Fresh citrus fruits. Serial No. 400,163; Feb. 8. Class 46.

O'Conner & Goldberg, Chicago, Ill. Women's shoes. Serial No. 400,611; Feb. 8. Class 39.

Oil Trade Journal, Inc., doing business as Fueloil Journal, New York, N. Y. Periodical. Serial No. 386,123; Feb. 8. Class 38.

Old Ben Coal Corporation, Chicago, Ill. Coal. Serial No. 400,351; Feb. 8. Class 1.

Owings Mills Distillery, Inc., Owings Mills, Md. Whiskey. Serial Nos. 400,994–5; Feb. 8. Class 40.

Pabst-Ett Corporation, Chicago, Ill. Cheese. Serial No. 400,433; Feb. 8. Class 46.

Packard Milling Company, Custer, Okla. Wheat flour. Serial No. 381,323; Feb. 8. Class 46.

Page, Benjamin E., doing business as Noelia Products, Chicago, Ill. Cosmetic cleansing cream, tissue cream, and powder. Serial No. 400,024; Feb. 8. Class 6.

Parfums Revillon, Paris, France. Products of perfumery, hygiene, and beauty. Serial No. 399,620; Feb. 8. Class 6.

Perfect Tape Coupler Company, Limited, The, Bradford, England. Bands and ropes for driving machinery. Serial No. 399,371; Feb. 8. Class 35.

Philadelphia Chemical Co., Inc., Philadelphia, Pa. Insecticides. Serial No. 400,352; Feb. 8. Class 6.

Pilgrim Press, The. (See Congregational Publishing Society.)

Plottel Brothers, New York, N. Y. Raincoats, sport coats, sailing suits, etc. Serial No. 400,126; Feb. 8. Class 39.

Pop corn, Raw. American Pop Corn Company. Serial Nos. 401,011–12; Feb. 8. Class 46.

Porter Steel Specialties, Shelbyville, Ind. Carpet sweepers. Serial No. 399,472; Feb. 8. Class 23.

Quality Brands, Inc., San Francisco, Calif. Wines. Serial No. 399,426; Feb. 8. Class 47.

Reed, W. H., & Company, Atlanta, Ga. Prophylactic rubber articles. Serial No. 400,854; Feb. 8. Class 44.

Reliance Dental Manufacturing Company, Chicago, Ill. Dental impression material. Serial No. 400,795; Feb. 8. Class 44.

Riverbank Canning Company, Riverbank, Calif. Prepared food products. Serial No. 398,128; Feb. 8. Class 46.

Roan Mfg. Co., Racine, Wis. Paint-conditioning appliances. Serial No. 398,260; Feb. 8. Class 23.

Rochester Canning Company, Rochester, Ind. Canned vegetables. Serial No. 399,623; Feb. 8. Class 46.

Rosenblum, Joseph, doing business as The Rosenblum Company, New York, N. Y. Cheese. Serial No. 400,613; Feb. 8. Class 46.

Rudley Sportswear, Inc., New York, N. Y. Sport skirts. Serial No. 399,516; Feb. 8. Class 39.

S & K Winery, Los Angeles, Calif. California muscatel wine, white port wine, angelica wine, etc. Serial No. 387,091; Feb. 8. Class 47.

Salomon & Phillips, New York, N. Y. Leather. Serial No. 398,373; Feb. 8. Class 1.

Sapewa Pharmaceutische Präparate Ernst F. P. Weeche, Berlin, Germany. Medicinal preparation. Serial No. 396,614; Feb. 8. Class 6.

Sayles Finishing Plants, Inc., Saylesville, R. I. Cotton piece goods treated to resist abrasives. Serial No. 399,014; Feb. 8. Class 50.

Schoenfeld, Clara L., San Antonio, Tex. Salve or ointment. Serial No. 400,207; Feb. 8. Class 6.

Schuette, H. J., doing business as M. A. Newmark Co., Los Angeles, Calif. Canned salmon, potato chips, wheat puffs, etc. Serial No. 399,477; Feb. 8. Class 46.

Schulte Herbrüggen & Co. G. m. b. H., Herdecke-Ruhr, Germany. Medicinal preparation. Serial No. 400,174; Feb. 8. Class 6.

Schwartz, Joseph, Brooklyn, N. Y. Mattresses. Serial No. 400,209; Feb. 8. Class 32.

Scranton Tobacco Company, Inc., doing business as Stoco Blade Company, Scranton, Pa. Razor blades. Serial No. 396,335; Feb. 8. Class 23.

Scurlock, Robert S., doing business as F & S Remedy Company, Washington, D. C. Preparation for the treatment of piles. Serial No. 400,703; Feb. 8. Class 6.

Sea-Ro Packing Company Incorporated, New York, N. Y. Asbestos metallic gaskets, sheet packing, tape packing, etc. Serial No. 397,726; Feb. 8. Class 35.

Sears, Roebuck and Co., Chicago, Ill. Sewing machines. Serial No. 400,658; Feb. 8. Class 23.

Sheffield Company, The, New London, Conn. Astringents, astringent cerates, bleach creams, etc. Serial No. 400,855; Feb. 8. Class 6.

Shoe Form Co., Inc., Auburn, N. Y. Plastic cellulose derivative. Serial No. 399,941; Feb. 8. Class 1.

Shulton, Inc., New York, N. Y. Saponaceous compounds, shaving cream, shaving sticks, etc. Serial No. 400,928; Feb. 8. Class 4.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Shulton, Inc., New York, N. Y. Saponaceous compounds, shaving cream, shaving sticks, etc. Serial No. 400,931; Feb. 8. Class 4.

Shulton, Inc., New York, N. Y. Saponaceous compounds, shaving cream, shaving sticks, etc. Serial No. 400,933; Feb. 8. Class 4.

Shulton, Inc., New York, N. Y. Saponaceous compounds, shaving cream, shaving sticks, etc. Serial No. 401,090; Feb. 8. Class 4.

Smith, Landon P., Inc., Irvington, N. J. Mechanical paint mixers and conditioners. Serial No. 399,429; Feb. 8. Class 23.

Soy Bean Processing Company, Inc., Westfield, Waterloo, Iowa. Soy bean insecticides. Serial No. 399,731; Feb. 8. Class 6.

Spayd, Walker H., doing business as King Grader Sales Co., Van Wert, Ohio. Graders, cleaners, and elevator attachments for such graders and cleaners. Serial No. 400,535; Feb. 8. Class 23.

Sponge Rubber Products Company, The, Derby, Conn. Structural material of rubber composition. Serial No. 400,399; Feb. 8. Class 12.

Squibb, E. R., & Sons, New York, N. Y. Vitaminic preparations. Serial No. 399,625; Feb. 8. Class 6.

Squibb, E. R., & Sons, New York, N. Y. Antiseptic preparations. Serial No. 399,626; Feb. 8. Class 6.

Squibb, E. R., & Sons, New York, N. Y. Vitaminic preparations. Serial No. 400,556; Feb. 8. Class 6.

Standard Drug Co., doing business as Blars Products, Richmond, Va., and New York, N. Y. Medicinal preparation. Serial No. 399,051; Feb. 8. Class 6.

Star Chemical Co. Inc., Chicago, Ill. Wood and marble cement. Serial No. 397,007; Feb. 8. Class 5.

Steiner Sales Company, Chicago, Ill. Paper towels. Serial No. 395,055; Feb. 8. Class 37.

Steuart, Sam & Company, Inc., Baltimore, Md. Blended corn syrup and molasses. Serial No. 400,133; Feb. 8. Class 46.

Stoco Blade Company. (See Scranton Tobacco Company, Inc.)

Stop Motion Devices Corporation, Brooklyn, N. Y. Knitting machines and stop motion mechanisms therefor. Serial No. 400,482; Feb. 8. Class 22.

Sunnymead Gardens. (See Mead, Sterling V.)

Taintor Trading Company, New York, N. Y. Clay in bulk, white clay, etc. Serial No. 400,357; Feb. 8. Class 1.

Taylor, Smith & Taylor Company, The, Chester, W. Va. Ceramic dinnerware. Serial No. 399,866; Feb. 8. Class 30.

Toothbrush Sanitizer Co., The. (See Hart, Fred E.)

Tourneur Beauty Products, Inc., New York, N. Y. Perfumes. Serial No. 399,982; Feb. 8. Class 6.

Traphagen Commercial Textile Studio, The. (See Leigh, Ethel T.)

Triangle Mechanical Laboratories Corp., Brooklyn, N. Y. Razor blades. Serial No. 400,574; Feb. 8. Class 23.

Trubenising Process Corporation, New York, N. Y. Collars, cuffs, and shirts. Serial No. 400,260; Feb. 8. Class 39.

Tug-O-Wheel Hand Plow Company. (See Harks, Frank.)

Turco Products, Inc., Los Angeles, Calif. Cleaning compounds. Serial No. 399,690; Feb. 8. Class 4.

Ullstein Aktiengesellschaft, Berlin, Germany. Cartoons to be projected upon a screen as moving pictures. Serial No. 393,564; Feb. 8. Class 26.

United Drug Company, Boston, Mass. Pain tablet. Serial No. 400,140; Feb. 8. Class 6.

United Drug Company, Boston, Mass. Syrup cocillana compound. Serial No. 400,511; Feb. 8. Class 6.

United States Products Corporation, Ltd., San Jose, Calif. Fruit juice. Serial No. 400,263; Feb. 8. Class 46.

United States Products Corporation, Ltd., San Jose, Calif. Canned fruits and vegetables. Serial No. 400,264; Feb. 8. Class 46.

Utica Cutlery Company, Utica, N. Y. Pocket knives, hunting knives, slicer knives, etc. Serial No. 399,944; Feb. 8. Class 23.

Venus Lingerie Co., Inc., New York, N. Y. Slips. Serial No. 381,238; Feb. 8. Class 39.

Vickers, Incorporated, Detroit, Mich. Hydraulic pumps, hydraulic power transmissions, etc. Serial No. 384,019; Feb. 8. Class 23.

Vogel, Sol, New York, N. Y. Periodical fashion publication. Serial No. 396,163; Feb. 8. Class 38.

Wampole, Henry K., and Company, Incorporated, Philadelphia, Pa. Antacid tablets, antiseptic solutions, etc. Serial No. 397,632; Feb. 8. Class 6.

Weigell, A., & Son, Inc., Milwaukee, Wis. Box springs, mattresses, and pillows. Serial No. 400,295; Feb. 8. Class 32.

Williams, Samuel H., Burlington Junction, Mo. Medicine. Serial No. 399,214; Feb. 8. Class 6.

Wilson, Andrew, Inc., Springfield, N. J. Liquid agricultural insecticides. Serial No. 400,267; Feb. 8. Class 6.

Winthrop Chemical Company, Inc., New York, N. Y. Chemotherapeutic agent. Serial No. 400,215; Feb. 8. Class 6.

Yobe, Jud, doing business as Yobe & Hooker, Youngstown, Ohio. Kennel bedding. Serial No. 396,944; Feb. 8. Class 1.

Younghusband, James L., Chicago, Ill. Lipsticks, rouge, face powder, etc. Serial No. 398,955; Feb. 8. Class 6.

Zenith Radio Corporation, Chicago, Ill. Radio frequency and audio frequency transmitting and receiving apparatus, and parts thereof. Serial No. 399,216; Feb. 8. Class 21.

Zimmerman, Roy, doing business as The Marvalin Co., Compton, Calif. Liniment and salve. Serial No. 397,429; Feb. 8. Class 6.

LIST OF REGISTRANTS OF TRADE-MARKS

Abbeville Packing Company. (See Kimbrough, William C.)

Abrams & Linden, Inc., New York, N. Y. Fur skins. 354,346; Feb. 8; Serial No. 397,786; published Nov. 23, 1937. Class 1.

Adelphia Coffee and Tea Company, New York, N. Y. Coffee, teas, and spices. 354,252; Feb. 8; Serial No. 395,254; published Nov. 30, 1937. Class 46.

Adt, John B., assignor to The John B. Adt Company, Baltimore, Md. Driers, coolers, and coolers. 120,051; renewed Jan. 8, 1938.

Adt, John B., assignor to The John B. Adt Company, Baltimore, Md. Cutlery, machinery, and tools, and parts thereof. 121,385; renewed Apr. 30, 1938.

Aikin-Lambert Company, New York, N. Y. Fountain pens and parts thereof. 354,384; Feb. 8; Serial No. 398,337; published Nov. 23, 1937. Class 37.

Album Photo Service. (See Rockford Photo Service.)

Allen Edmonds Shoe Corporation, Belgium, Wis. Shoes. 354,191; Feb. 8; Serial No. 383,579; published Nov. 23, 1937. Class 39.

Allen, T. Ronald, doing business as T. Ronald Allen and Staff, Dayton, Ohio. Weekly publication. 354,368; Feb. 8; Serial No. 398,030; published Nov. 23, 1937. Class 38.

Allied Stores Corporation, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash. Shoes, and hosiery, and hats. 354,235; Feb. 8; Serial No. 393,967; published Nov. 23, 1937. Class 39.

American Iron & Machine Works Company, Oklahoma City, Okla. Oil field equipment. 354,208; Feb. 8; Serial No. 390,800; published Nov. 30, 1937. Class 23.

American Merchandise Co. Inc., New York, N. Y. Razor blades. 354,239; Feb. 8; Serial No. 397,603; published Nov. 30, 1937. Class 23.

American Steel Wool Mfg. Co. Inc., Long Island City, N. Y. Steel wool. 354,209; Feb. 8; Serial No. 397,014; published Nov. 16, 1937. Class 4.

Ammon & Person, Jersey City, N. J., assignor, by mesne assignments, to Swift and Company, Chicago, Ill. Oleomargarin. 120,626; renewed Feb. 19, 1938.

Arango, Francisco, Jr., doing business as Tampa Cigar Co., Tampa, Fla. Cigars. 354,285; Feb. 8; Serial No. 396,659; published Nov. 30, 1937. Class 17.

Armstrong Packing Company, assignor to Armstrong Packing Company, Dallas, Tex. Bacon, Vienna-style sausage, skinned ham, etc. 120,008; renewed Jan. 1, 1938.

Arrow Fuse & Mfg. Co., to Trico Fuse Mfg. Co., Milwaukee, Wis., successor. Electrical apparatus, machines, and supplies. 119,490; renewed Nov. 27, 1937.

Asher & Borets, Inc., New York, N. Y. Artificial leather. 354,333; Feb. 8; Serial No. 397,494; published Nov. 30, 1937. Class 50.

Ashheim, Sylvester, New York, N. Y. Trousers and knickers. 354,349; Feb. 8; Serial No. 397,832; published Nov. 23, 1937. Class 39.

Associated Merchandising Corporation, New York, N. Y. Mattresses, pillows, bolsters, and hassocks. 354,344; Feb. 8; Serial No. 397,745; published Nov. 30, 1937. Class 32.

Associated Spring Corporation, Bristol, Conn. Hair springs. 354,288; Feb. 8; Serial No. 398,706; published Nov. 30, 1937. Class 26.

Automatic Instrument Company. (See Automatic Musical Instrument Company.)

Automatic Musical Instrument Company, Grand Rapids, Mich., now by change of name, Automatic Instrument Company. Architectural panels. 354,213; Feb. 8; Serial No. 391,844; published Nov. 23, 1937. Class 12.

Automotive Maintenance Machinery Co., North Chicago, Ill. Fishing lures. 354,415; Feb. 8. Class 22.

Bates Shoe Company, Webster, Mass. Shoes. 354,260; Feb. 8; Serial No. 396,896; published Nov. 23, 1937. Class 39.

Bay Company, The, Bridgeport, Conn. Surgical dressings, gauze products, adhesive products, etc. 354,424; Feb. 8. Class 44.

Bennett Incorporated, Cambridge, Mass. Paper filler or powdered papermaking ingredient. 354,347; Feb. 8; Serial No. 397,789; published Nov. 23, 1937. Class 1.

Berman, Abe, doing business as Portage Mfg. Co., South Bend, Ind. Nets in the nature of fish bags. 354,399; Feb. 8. Class 22.

Bissell, Marion W., doing business as Bissell Mfg. Co., Chicago, Ill. Cleaning, waxing, and polishing machine. 354,400; Feb. 8. Class 23.

Blue, John, Jr., Laurinburg, N. C. Farm machinery. 354,308; Feb. 8; Serial No. 397,107; published Nov. 30, 1937. Class 23.

Bon Marche, The. (See Allied Stores Corporation.)

Boonton Radio Corporation, Boonton, N. J. Mica insulators. 354,245; Feb. 8; Serial No. 394,930; published Nov. 30, 1937. Class 21.

Borak, William, doing business as Pet Products Co., New York, N. Y. Concentrated cleaning powder. 354,194; Feb. 8; Serial No. 386,845; published Nov. 30, 1937. Class 4.

Bradley, Milton, Company, Springfield, Mass. Board games. 354,391; Feb. 8; Serial No. 398,662; published Nov. 30, 1937. Class 22.

Briggs Lemon Association, Santa Paula, Calif. Lemons. 354,406–9; Feb. 8. Class 46.

Brown-Camp Hardware Company, Des Moines, Iowa. Lead pencils and toilet paper. 354,314; Feb. 8; Serial No. 397,182; published Nov. 23, 1937. Class 37.

Bruce, Lawrence Richard, Inc., assignor to Clairol, Inc., New York, N. Y. Brushes. 354,193; Feb. 8; Serial No. 361,720; published Nov. 30, 1937. Class 29.

Brunswick-Balke-Collender Company, The, Chicago, Ill. Cuspidors. 354,404; Feb. 8. Class 13.

Burke-Savage Tire Co., Baltimore, Md. Inner tubes for pneumatic tires. 354,234; Feb. 8; Serial No. 393,893; published Nov. 30, 1937. Class 35.

Burkhardt Bros. Company, The, Cincinnati, Ohio. Suits, topcoats, overcoats, etc. 354,421; Feb. 8. Class 39.

C. & G. Manufacturing Company. (See Chusmir, Morris.)

California Associated Raisin Co., assignor to Sun-Maid Raisin Growers of California, Fresno, Calif. Dried raisins and dried fruits. 121,592; renewed May 14, 1938.

Capitol Brewery, Inc., Jefferson City, Mo. Beer. 354,189; Feb. 8; Serial No. 381,864; published Oct. 12, 1936. Class 48.

Carrières Dumon et Produits Calcaires du Tournaisis Société Anonyme, Vaulx-near-Tournai, Belgium. Portland cements. 354,267; Feb. 8; Serial No. 396,224; published Nov. 23, 1937. Class 12.

Celanese Corporation of America, New York, N. Y. Underwear. 354,343; Feb. 8; Serial No. 397,739; published Nov. 23, 1937. Class 39.

Celluloid Corporation, Newark, N. J. Plastic material in the form of sheets, foils, etc. 354,281; Feb. 8; Serial No. 396,529; published Nov. 23, 1937. Class 1.

Chicago Mail Order Company, Chicago, Ill. House dresses. 354,350; Feb. 8; Serial No. 397,838; published Nov. 23, 1937. Class 39.

Chisholm-Ryder Co., Inc., Niagara Falls, N. Y. Fishing rods and reels. 354,390; Feb. 8; Serial No. 398,555; published Nov. 30, 1937. Class 22.

Chusmir, Morris, doing business as C. & G. Manufacturing Company, Providence, R. I. Pins, clips, and scarf holders. 354,351; Feb. 8; Serial No. 397,839; published Nov. 30, 1937. Class 28.

Cities Service Oil Company, Bartlesville, Okla. Lubricating oil. 354,320; Feb. 8; Serial No. 397,277; published Nov. 30, 1937. Class 15.

Clairol, Inc. (See Bruce, Lawrence Richard, Inc., assignor.)

Climax Rubber Company. (See Stein, Jacob.)

Cochran, John P., Company, The, Cleveland, Ohio. Paints, paint enamels, lacquers, etc. 354,340; Feb. 8; Serial No. 397,611; published Nov. 30, 1937. Class 16.

Conn, C. G., Ltd., Elkhart, Ind. Musical instruments and supplies. 120,250; renewed Jan. 29, 1938.

Cowles Detergent Company, The, Cleveland, Ohio. Chemical detergent. 354,293; Feb. 8; Serial No. 396,804; published Oct. 19, 1937. Class 4.

Crane Co., Chicago, Ill. Stokers. 354,334; Feb. 8; Serial No. 397,503; published Nov. 30, 1937. Class 34.

Crown Cork & Seal Company, Inc., Baltimore, Md. Container closures. 354,306; Feb. 8; Serial No. 397,071; published Nov. 23, 1937. Class 50.

Dallett Company, The, Philadelphia, Pa. Pipe and air hose fittings. 354,263; Feb. 8; Serial No. 395,979; published Nov. 30, 1937. Class 13.

Dayton Rubber Mfg. Company, The, Dayton, Ohio. Tires. 354,410; Feb. 8. Class 35.

Decatur Garment Company, Decatur, Ill. Dresses and aprons for women and misses. 354,264; Feb. 8; Serial No. 395,980; published Nov. 23, 1937. Class 39.

Dennison Manufacturing Company, Framingham, Mass. Tags. 354,348; Feb. 8; Serial No. 397,796; published Nov. 23, 1937. Class 37.

Deutsche Waffen- und Munitionsfabriken, Aktiengesellschaft, Karlsruhe, Germany. Firearms, explosives, ignition products, etc. 354,202; Feb. 8; Serial No. 389,906; published Nov. 30, 1937. Class 9.

Diamond Boning Corp., North Arlington, N. J. Corset boning. 354,352; Feb. 8; Serial No. 397,842; published Nov. 30, 1937. Class 40.

Dick, A. B., Company, Chicago, Ill. Ink pads. 354,387; Feb. 8; Serial No. 398,423; published Nov. 30, 1937. Class 11.

Drexel Furniture Co., Drexel, N. C. Furniture. 354,405; Feb. 8. Class 32.

Durio & Sibille, Sunset, La. Fresh vegetables. 354,274; Feb. 8; Serial No. 396,390; published Nov. 30, 1937. Class 46.

Eaton, Fred M., doing business as Nukote Laboratory, Santa Paula, Calif. All-purpose liquid dog and cat soap. 354,273; Feb. 8; Serial No. 396,357; published Oct. 12, 1937. Class 4.

Elledge, Joe E., Colorado Springs, Colo. Game. 354,385; Feb. 8; Serial No. 396,394; published Nov. 30, 1937. Class 22.

Emery Industries, Inc., Cincinnati, Ohio. Candles. 354,289; Feb. 8; Serial No. 396,712; published Nov. 30, 1937. Class 15.

Enterprise Manufacturing Company, The, Akron, Ohio. Floats for fishing tackle. 354,392; Feb. 8; Serial No. 398,721; published Nov. 30, 1937. Class 22.

Erasmic Company, Limited, The, Warrington, England. Toilet soap and shaving soap. 354,325; Feb. 8; Serial No. 397,332; published Nov. 9, 1937. Class 4.

Evans Products Company, Detroit, Mich. Pressure relief valves. 354,258; Feb. 8; Serial No. 395,751; published Nov. 30, 1937. Class 13.

Export Manual Publishing Corporation, New York, N. Y. Periodical publication. 354,283; Feb. 8; Serial No. 396,602; published Nov. 30, 1937. Class 38.

Fabriform Steel Products Co. (See Glick, Fred P.)

Familex Products Company. (See Parent, Romeo.)

Fansteel Metallurgical Corporation, North Chicago, Ill. Alloys. 354,214; Feb. 8; Serial No. 391,859; published Nov. 30, 1937. Class 14.

Farber, S. W., Inc., Brooklyn, N. Y. Beverage makers. 354,275; Feb. 8; Serial No. 396,394; published Nov. 30, 1937. Class 21.

Firestone Tire & Rubber Company, The, Akron, Ohio. Resilient vehicle tires. 354,396; Feb. 8. Class 35.

Flintkote Company, The, New York, N. Y. Sprayable bituminous emulsions. 354,356; Feb. 8; Serial No. 397,902; published Nov. 30, 1937. Class 12.

Franco Corset Company, New York, N. Y. Corsets. 354,210; Feb. 8; Serial No. 391,382; published Nov. 23, 1937. Class 39.

Freund, E. A., New York, N. Y. Magazine section. 354,321; Feb. 8; Serial No. 397,286; published Nov. 23, 1937. Class 38.

Fry Bros. Co., The, Cincinnati, Ohio. Cleaning compound. 354,228; Feb. 8; Serial No. 393,272; published Oct. 26, 1937. Class 4.

Fuller-Morrisson Company, Chicago, Ill., assignor to McKesson & Robbins, Incorporated, Fairfield, Conn. Talcum powder. 118,026; renewed Aug. 14, 1937.

Fur Mart of America, Inc., The, New York, N. Y. Dyed coney coats, capes, and jackets. 354,224; Feb. 8; Serial No. 393,032; published Nov. 23, 1937. Class 39.

Gairing Tool Company, Inc., The, Detroit, Mich. Metal working tools. 354,282; Feb. 8; Serial No. 396,534; published Nov. 30, 1937. Class 23.

Gambarelli & Davitto, New York, N. Y. Wines. 354,218; Feb. 8; Serial No. 392,423; published Nov. 30, 1937. Class 47.

Garrod, Percy McN., doing business as Garrod Products, Port Richmond, N. Y. Cleansing composition for glasses, dishes, etc. 354,307; Feb. 8; Serial No. 397,103; published Nov. 23, 1937. Class 4.

General Asbestos & Rubber Company, Charleston, S. C., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Brake and clutch linings and facings. 120,670; renewed Feb. 26, 1938.

General Cable Corporation, New York, N. Y. Bare and insulated electrical wires and cables. 354,367; Feb. 8; Serial No. 398,006; published Nov. 30, 1937. Class 21.

General Mills, Inc., Minneapolis, Minn. Cereal food products. 354,326; Feb. 8; Serial No. 397,362; published Nov. 30, 1937. Class 46.

Germain Seed and Plant Company, Los Angeles, Calif. Flower seeds. 354,209; Feb. 8; Serial No. 390,906; published Nov. 23, 1937. Class 1.

Germo Manufacturing Company, St. Louis, Mo. Tonic and remedy for fowls. 120,095; renewed Jan. 8, 1938.

Gibson, Paul, Richmond, Va. Automobile cleaner. 354,286; Feb. 8; Serial No. 395,616; published Oct. 12, 1937. Class 4.

Glick, Fred P., doing business as Fabriform Steel Products Co., Bell, Calif. Complete oil re-refineries and replacement parts therefor, mining apparatus and equipment, etc. 354,198; Feb. 8; Serial No. 388,443; published Nov. 30, 1937. Class 23.

Godefroy Manufacturing Company, St. Louis, Mo. Feature articles and reprints thereof. 354,420; Feb. 8. Class 38.

Golden, Augustus J., Baltimore, Md. Chewing cigars. 354,350; Feb. 8; Serial No. 397,968; published Nov. 23, 1937. Class 17.

Griffel, Jacob, New York, N. Y. Waterproof duck and waterproof canvas. 354,337; Feb. 8; Serial No. 397,535; published Nov. 30, 1937. Class 50.

Grobelle Liquid Plant Food Co., Inc., New York, N. Y. Plant food. 354,349; Feb. 8; Serial No. 398,044; published Nov. 30, 1937. Class 10.

Hammermill Paper Company, Erie, Pa. Cover paper. 354,190; Feb. 8; Serial No. 383,356; published Nov. 23, 1937. Class 37.

Harmonica Distribution Corporation of America, New York, N. Y. Mouth harmonicas, harmonica bodies, harmonica reeds, etc. 354,167; Feb. 8; Serial No. 378,654; published Nov. 30, 1937. Class 36.

Hart, Schaffner & Marx, Chicago, Ill. Coats, suits, overcoats, etc. 354,233; Feb. 8; Serial No. 393,850; published Nov. 23, 1937. Class 39.

Hassler, Max, Buenos Aires, Argentina. Price tickets, tags, and book markers. 354,351; Feb. 8; Serial No. 398,281; published Nov. 30, 1937. Class 37.

Hearn Department Stores, Inc., New York, N. Y. Wine. 354,268; Feb. 8; Serial No. 396,230; published Nov. 30, 1937. Class 47.

Hearst Magazines Inc., New York, N. Y. Magazine section. 354,309; Feb. 8; Serial No. 397,115; published Nov. 23, 1937. Class 38.

Heller, E., & Company, Chicago, Ill. Enamel cleaner. 354,290; Feb. 8; Serial No. 396,718; published Nov. 9, 1937. Class 4.

Herman, Harry O., Yeadon, Pa. Tobacco pouches. 354,411; Feb. 8. Class 8.

Hoffman, S. L., Co., Inc., New York, N. Y. Ladies' utility dresses and uniforms. 354,396; Feb. 8; Serial No. 396,676; published Nov. 23, 1937. Class 39.

Hollister Drug Company, Incorporated, Madison, Wis., now by change of name, to Hollister Laboratories, Inc. Herb laxative. 120,104; renewed Jan. 8, 1938.

Hollywood Prevue Ltd., New York, N. Y. Dresses, evening gowns, hats, etc. 354,216; Feb. 8; Serial No. 391,957; published Nov. 23, 1937. Class 39.

Hoover Company, The, North Canton, Ohio. Electrically operated suction cleaners. 354,200; Feb. 8; Serial No. 397,030; published Nov. 30, 1937. Class 21.

Houghton, E. F., & Co., Philadelphia, Pa. Cutting oils. 354,220; Feb. 8; Serial No. 392,641; published Nov. 30, 1937. Class 15.

Houser, J. David, doing business as The Houser Associates, New York, N. Y. Publications. 354,353; Feb. 8; Serial No. 397,850; published Nov. 30, 1937. Class 38.

Huron Portland Cement Co., Detroit, Mich. Portland cement. 354,360; Feb. 8; Serial No. 397,970; published Nov. 30, 1937. Class 12.

Idealite, Inc., New York, N. Y. Lamp shades. 354,195; Feb. 8; Serial No. 386,861; published Nov. 30, 1937. Class 34.

Ihagee Kamerawerk Steenbergen & Co., Dresden, Germany. Cameras and accessories. 354,241; Feb. 8; Serial No. 394,407; published Nov. 30, 1937. Class 26.

Indian River Citrus Institute, Inc., Indian River City, Fla. Fresh citrus fruits. 354,271; Feb. 8; Serial No. 396,816; published Nov. 30, 1937. Class 46.

Innis, Speiden & Co., Inc., assignor to Innis, Speiden & Co., New York, N. Y. Chemicals suitable for tanning. 121,716; renewed May 21, 1938.

Interstate Chemical Co., assignor to Interstate Chemical Mfg. Co., Jersey City, N. J. Insecticides and fungicides. 121,901; renewed June 11, 1938.

Italian Swiss Colony, San Francisco, Calif. Wines. 354,310; Feb. 8; Serial No. 397,119; published Nov. 30, 1937. Class 47.

James Distillery, Incorporated, Baltimore, Md. Whiskey. 354,206; Feb. 8; Serial No. 390,464; published June 22, 1937. Class 49.

Jean Elliott Yarns, Los Angeles, Calif. Sportswear. 354,247; Feb. 8; Serial No. 394,894; published Nov. 23, 1937. Class 39.

Johns-Manville Corporation, New York, N. Y. Fabricated sheets. 354,204; Feb. 8; Serial No. 390,275; published Nov. 30, 1937. Class 11.

Juvenile Shoe Corporation of America, The. (See Kaut-Reith Shoe Company, The, assignor.)

Kaut-Reith Shoe Company, The, Carthage, assignor to The Juvenile Shoe Corporation of America, Aurora and St. Louis, Mo. Boots and shoes. 120,106; renewed Jan. 8, 1938.

Kaut-Reith Shoe Company, The, Carthage, assignor to The Juvenile Shoe Corporation of America, Aurora and St. Louis, Mo. Boots and shoes. 120,585–8; renewed Feb. 19, 1938.

Kaylor, Harry W., Hagerstown, Md. Diatomaceous silica. 354,215; Feb. 8; Serial No. 391,916; published Nov. 23, 1937. Class 1.

Kellogg Seed Company, Milwaukee, Wis. Food formula for cage birds. 354,361; Feb. 8; Serial No. 397,972; published Nov. 30, 1937. Class 46.

Kimbrough, William C., doing business as Abbeville Packing Company, Lafayette, La. Canned vegetables. 354,362; Feb. 8; Serial No. 397,973; published Nov. 30, 1937. Class 46.

Kimbrough, William C., doing business as Abbeville Packing Company, Lafayette, La. Canned vegetables, canned oysters, canned beans with chili sauce. 354,363; Feb. 8; Serial No. 397,974; published Nov. 30, 1937. Class 46.

Klein, L., Inc., Chicago, Ill. Baking powder, cocoa, evaporated milk, etc. 354,185; Feb. 8; Serial No. 373,475; published Nov. 30, 1937. Class 46.

Knott, Wm. T., Company, Inc., New York, N. Y. Soaps, soap chips, soap powder, etc. 354,311; Feb. 8; Serial No. 397,123; published Nov. 23, 1937. Class 4.

Kohnstamm, H., & Co. Inc., New York, N. Y. Colors used in the manufacture of inks. 354,375; Feb. 8; Serial No. 398,113; published Nov. 30, 1937. Class 11.

Kolmer, William, & Jack Marcus Inc., New York, N. Y. Men's clothing. 354,414; Feb. 8. Class 39.

Kraus, Otto E., Chicago, Ill. Razor blades. 354,345; Feb. 8; Serial No. 397,769; published Nov. 30, 1937. Class 23.

Lakeland Manufacturing Company, Sheboygan, Wis. Mackinaws. 354,223; Feb. 8; Serial No. 392,930; published Nov. 23, 1937. Class 39.

La Plante, Floreda B., New York, N. Y. Bicycles. 354,249; Feb. 8; Serial No. 394,993; published Nov. 30, 1937. Class 19.

Lappin, L., Wall Paper Co., Inc., Boston, Mass. Wallpaper. 354,239; Feb. 8; Serial No. 394,136; published Nov. 30, 1937. Class 37.

Larrowe Buckwheat Flour Corporation, Cohocton, N. Y. Pancake flour. 354,298; Feb. 8; Serial No. 396,992; published Nov. 30, 1937. Class 46.

La Yebana Company, Inc., Sampaloc, Manila, P. I. Cigarettes and cigars. 354,370; Feb. 8; Serial No. 398,047; published Nov. 23, 1937. Class 17.

Lieberman, Aron, & Sons, Philadelphia, Pa. Suits, coats, vests, etc. 354,398; Feb. 8. Class 39.

Lockport Cotton Batting Co., Lockport, N. Y. Dry-goods cotton-batts. 354,371; Feb. 8; Serial No. 398,048; published Nov. 23, 1937. Class 1.

Lone Ranger, Inc. (See Trojan Publishing Corporation, assignor.)

Look, Inc., Des Moines, Iowa. Section of a magazine. 354,364; Feb. 8; Serial No. 397,978; published Nov. 23, 1937. Class 38.

Low, Elizabeth C., New York, N. Y. Hairpins. 354,254; Feb. 8; Serial No. 395,533; published Nov. 23, 1937. Class 40.

Lowe, Joe, Corporation, New York, N. Y. Frozen confections. 354,357; Feb. 8; Serial No. 397,939; published Nov. 30, 1937. Class 46.

Lowe, Joe, Corporation, New York, N. Y. Frozen confections. 354,358; Feb. 8; Serial No. 397,942; published Nov. 30, 1937. Class 46.

Lufkin Rule Company, The, Saginaw, Mich. Measuring tapes. 354,372; Feb. 8; Serial No. 398,049; published Nov. 30, 1937. Class 26.

Macy, R. H., & Co., Inc., New York, N. Y. Paints, paint enamels, varnishes, etc. 354,316; Feb. 8; Serial No. 397,260; published Nov. 30, 1937. Class 16.

Macy, R. H., & Co., assignor to R. H. Macy & Co., Inc., New York, N. Y. Shoes. 121,468; renewed Apr. 30, 1938.

Macy, R. H., & Co., Inc., New York, N. Y. Polishing and cleaning cloth, scouring powder, etc. 354,317; Feb. 8; Serial No. 397,261; published Nov. 9, 1937. Class 4.

Magnavox Company, The, Fort Wayne, Ind. Electrically illuminated signs. 354,315; Feb. 8; Serial No. 397,194; published Nov. 30, 1937. Class 21.

Maine Canned Foods, Inc., Portland, Maine. Baked beans. 354,413; Feb. 8. Class 46.

Manufacturing Laboratories, Inc., Boston, Mass. Preparation for mellowing leather. 354,291; Feb. 8; Serial No. 396,721; published Oct. 19, 1937. Class 4.

Manzoni, Lino, New York, N. Y. Extract for hair troubles. 354,376; Feb. 8; Serial No. 398,115; published Nov. 16, 1937. Class 6.

Marley Company, The, Kansas City, Mo. Power transmission gearing. 354,418; Feb. 8. Class 23.

Marquette Cement Manufacturing Co., Chicago, Ill. Portland cement and other building cements. 354,186; Feb. 8; Serial No. 375,765; published Nov. 23, 1937. Class 12.

Marx, Louis, & Company, Inc., New York, N. Y. Toy speedway or racetrack and miniature toy vehicles. 354,318; Feb. 8; Serial No. 397,263; published Nov. 30, 1937. Class 22.

McComb, James B., New York, N. Y. Rug and carpet cleaning compounds. 354,279; Feb. 8; Serial No. 396,498; published Oct. 19, 1937. Class 4.

McDaniel & Sons, Inc., Somerton, Ariz. Fresh melons and fresh vegetables. 354,240; Feb. 8; Serial No. 394,336; published Nov. 30, 1937. Class 46.

McDuffie, Wm. C., as receiver of Richfield Oil Company of California, Los Angeles, Calif. Gasoline. 354,182; Feb. 8; Serial No. 334,017; published Nov. 23, 1937. Class 15.

McGraw-Hill Publishing Company, Inc., New York, N. Y. Periodical. 354,386; Feb. 8; Serial No. 398,400; published Nov. 30, 1937. Class 38.

McKesson & Robbins, Incorporated. (See Fuller-Morrisson Company, assignor.)

McLoughlin Bros., Inc., Springfield, Mass. Dolls and costumes thereof. 354,382; Feb. 8; Serial No. 398,303; published Nov. 30, 1937. Class 22.

McMahan, Valrie, Washington, D. C. Toilet and laundry soaps and powders thereof. 354,272; Feb. 8; Serial No. 396,324; published Oct. 12, 1937. Class 4.

Meat Trade Publishing Co., Chicago, Ill. Periodical publication. 354,301; Feb. 8; Serial No. 397,042; published Nov. 23, 1937. Class 38.

Meridian Grain & Elevator Co. (See Wilson, John M.)

Meyer & Lange, New York, N. Y. Mustard. 121,921; renewed June 11, 1938.
Meyers, Pearl C., doing business as Meyers Pottery, Los Angeles, Calif. Pottery goods. 354,232; Feb. 8; Serial No. 393,775; published Nov. 30, 1937. Class 30.
Midland Chemical Laboratories, Inc., Dubuque, Iowa. Liquid neutral cleanser. 354,338; Feb. 8; Serial No. 397,545; published Nov. 30, 1937. Class 4.
Midway Chemical Co., Chicago, Ill. Soap for animals. 354,230; Feb. 8; Serial No. 393,471; published Oct. 12, 1937. Class 4.
Milestone Distilling Company Incorporated, Louisville, Ky., and San Francisco, Calif. Whiskey. 354,393; Feb. 8; Serial No. 398,920; published Nov. 30, 1937. Class 49.
Milgrim Manufacturing Co., New York, N. Y. Negligees, pajamas, nightgowns, etc. 354,292; Feb. 8; Serial No. 396,777; published Nov. 23, 1937. Class 39.
Minnesota Mining & Manufacturing Company, St. Paul, Minn. Abrasive cloth and abrasive paper. 354,203; Feb. 8; Serial No. 390,176; published Nov. 9, 1937. Class 4.
Mugge, E., Company, Incorporated, Tampa, Fla. Whiskey, gin, rum, etc. 354,388; Feb. 8; Serial No. 398,438; published Nov. 30, 1937. Class 49.
National Oil Products Company, Harrison, N. J. Soluble oils, oil bases, sulfonated and cutting oils, and drawing oils for lubricating purposes. 121,927; renewed June 11, 1938.
National Retailer-Owned Grocers, Inc., Chicago, Ill. Laundry soap, soap chips, and soap granules, etc. 354,193; Feb. 8; Serial No. 386,654; published Oct. 26, 1937. Class 4.
National Stamping & Electric Works, Chicago, Ill. Gasoline burning lanterns. 354,342; Feb. 8; Serial No. 397,718; published Nov. 30, 1937. Class 34.
Nekuda, Raymond F., Kansas City, Mo. Playing cards. 354,412; Feb. 8. Class 22.
Newton Supply Company, Philadelphia, Pa. Automatic stokers. 354,327; Feb. 8; Serial No. 397,413; published Nov. 30, 1937. Class 34.
New York Hamburger Gummi-Waaren Compagnie, Hamburg, Germany. Combs made of hard rubber. 354,225; Feb. 8; Serial No. 393,182; published Nov. 23, 1937. Class 40.
Nichols Manufacturing Co., The, Bridgeport, Conn. Sanitary garments. 354,354; Feb. 8; Serial No. 397,862; published Nov. 30, 1937. Class 44.
Northern Paper Mills, Green Bay, Wis. Paper towels. 354,402; Feb. 8. Class 37.
Novoscopic Rosary Company. (See Provenza, James V.)
Nu-Di Products Company, The, Cleveland, Ohio. Shoe cleaning and polishing materials. 354,197; Feb. 8; Serial No. 388,105; published May 11, 1937. Class 4.
Nukote Laboratory. (See Eaton, Fred M.)
Ogden-Watney Publishers, Inc., New York, N. Y. Section in a monthly periodical. 354,284; Feb. 8; Serial No. 396,645; published Nov. 23, 1937. Class 38.
Ogden-Watney Publishers, Inc., New York, N. Y. Section in a monthly periodical. 354,302-3; Feb. 8; Serial Nos. 397,046-7; published Nov. 23, 1937. Class 38.
Ohio Hydrate & Supply Company, Woodville, Ohio. Lime. 120,774; renewed Mar. 5, 1938.
Ohio Truss Company, The, Cincinnati, Ohio. Suspensories, men's supporters, arch supports, etc. 354,219; Feb. 8; Serial No. 392,501; published Nov. 30, 1937. Class 44.
O'Neill, Fio W., Beverly Hills and Santa Ana, Calif. Catamenial belts. 354,373; Feb. 8; Serial No. 398,057; published Nov. 30, 1937. Class 44.
Owens-Illinois Can Company, Toledo, Ohio. Drums and cans. 354,222; Feb. 8; Serial No. 392,727; published Nov. 30, 1937. Class 2.
Pacific Distillers, Inc., Culver City, Calif. Gin. 354,286; Feb. 8; Serial No. 396,158; published Nov. 30, 1937. Class 49.
Pad-Y-Wax Company, Inc., The, New York, N. Y. Wax bearing waxing pads. 354,184; Feb. 8; Serial No. 363,229; published Nov. 9, 1937. Class 4.
Page Dairy Company, The, Toledo, Ohio. Fresh milk and cream. 354,335; Feb. 8; Serial No. 397,514; published Nov. 30, 1937. Class 46.
Parent, Romeo, doing business as Familex Products Company, Montreal, Quebec, Canada. Shaving soaps. 354,227; Feb. 8; Serial No. 393,200; published Nov. 23, 1937. Class 4.
Penn Electric Switch Co., Des Moines, Iowa. Automatic electric switches. 354,237; Feb. 8; Serial No. 394,047; published Nov. 30, 1937. Class 21.
Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Suits, topcoats, and trousers. 354,406; Feb. 8. Class 39.
Percy, Carl, Inc., New York, N. Y. Blank picture albums. 354,250; Feb. 8; Serial No. 395,240; published Nov. 30, 1937. Class 37.
Perrin, Alden F., Chicago, Ill. Periodical. 354,332; Feb. 8; Serial No. 397,483; published Nov. 23, 1937. Class 38.
Pet Products Co. (See Borak, William.)
Pharis Tire and Rubber Company, The, Newark, Ohio. Pneumatic tires and tubes. 354,255; Feb. 8; Serial No. 395,593; published Nov. 30, 1937. Class 35.
Phelps Dodge & Company, assignor to Phelps Dodge Corporation, New York, N. Y. Metals. 121,944; renewed June 11, 1938.
Phelps Dodge Corporation, New York, N. Y. Metals. 121,948; renewed June 11, 1938.
Philadelphia Record Company, Philadelphia, Pa. Column for articles or writings. 354,401; Feb. 8. Class 38.
Phoenix Manufacturing Company, Joliet, Ill. Horse and mule shoes. 354,377; Feb. 8; Serial No. 398,127; published Nov. 30, 1937. Class 3.
Picker-Lins Importers, Inc., New York, N. Y. Cognac. 354,394; Feb. 8; Serial No. 390,009; published Nov. 30, 1937. Class 49.
Pierce, Edna C., New York, N. Y. Series of articles. 354,328; Feb. 8; Serial No. 397,418; published Nov. 30, 1937. Class 38.
Pinaud Incorporated, New York, N. Y. Toilet soap. 354,296; Feb. 8; Serial No. 396,692; published Oct. 12, 1937. Class 4.
Pinaud Incorporated, New York, N. Y. Shaving lotion. 354,329; Feb. 8; Serial No. 397,419; published Nov. 23, 1937. Class 4.
Pilbrico Jointless Firebrick Company, Chicago, Ill. Castable refractory material. 354,206; Feb. 8; Serial No. 390,880; published Nov. 23, 1937. Class 12.
Popular Brands, Inc., Wyncote, Pa. Detergent preparation for dish washing. 354,265; Feb. 8; Serial No. 396,007; published Oct. 12, 1937. Class 4.
Portage Mfg. Co. (See Berman, Abe.)
Preston Trading Company, Pasadena, Calif. Stamped goods for art needlework. 354,217; Feb. 8; Serial No. 391,972; published Nov. 23, 1937. Class 40.
Provenza, James V., doing business as Novoscopic Rosary Company, Chicago, Ill. Rosaries. 354,313; Feb. 8; Serial No. 397,163; published Nov. 23, 1937. Class 28.
Pullman Chemical Company, Camden, N. J. Plastic gasket, tire cut filler, tube repair kit, etc. 354,397; Feb. 8. Class 35.
Pure Fruit Juices, Inc., Detroit, Mich. Canned pure fruit juices. 354,276; Feb. 8; Serial No. 396,473; published Nov. 30, 1937. Class 46.
Raybestos-Manhattan, Inc. (See General Asbestos & Rubber Company, assignor.)
Rayle, W. B., Pasadena, Calif. Sweet pickled fruits, fruit jellies, wine flavored jellies, etc. 354,238; Feb. 8; Serial No. 394,098; published Nov. 30, 1937. Class 46.
Red Boy Cereal Co., Denver, Colo. Prepared cereal foods. 354,324; Feb. 8; Serial No. 397,321; published Nov. 30, 1937. Class 46.
Remington Typewriter Company, Ilion and New York, assignor to Remington Rand Inc., Buffalo, N. Y. Typewriter ribbons and carbon-paper. 120,220; renewed Jan. 15, 1938.
Richfield Oil Company of California. (See McDuffie, W. C., receiver.)
Riegel Paper Corporation, Riegelsville, N. J., and New York, N. Y. Decorated paper. 354,395; Feb. 8. Class 37.
Rockford Photo Service, doing business as Album Photo Service, Rockford, Ill. Photographic prints. 354,365; Feb. 8; Serial No. 397,984; published Nov. 23, 1937. Class 38.
Rocky Mountain National Fur Growers' Association, The, Denver, Colo. Magazine. 354,236; Feb. 8; Serial No. 394,005; published Nov. 30, 1937. Class 38.
Rogers Peet Company, New York, N. Y. Suits, overcoats, topcoats, etc. 354,188; Feb. 8; Serial No. 379,903; published Nov. 23, 1937. Class 39.
Ronay, Inc., New York, N. Y. Pocketbooks, handbags, and purses. 354,419; Feb. 8. Class 3.
Rustain Products Incorporated, New York, N. Y. Rust and stain remover for bath tubs, sinks, and the like. 354,304; Feb. 8; Serial No. 397,052; published Nov. 23, 1937. Class 4.
Sächsische Glasfabrik August Walther & Söhne Aktiengesellschaft, Radeberg, Germany. Glassware for illuminating purposes. 354,280; Feb. 8; Serial No. 396,508; published Nov. 30, 1937. Class 34.
Schokoladenfabrik Mauxion m. b. H., Saalfeld, Germany. Fresh, canned, and dried meats, conserves, vegetables, fruits, etc. 354,201; Feb. 8; Serial No. 389,480; published Nov. 30, 1937. Class 46.
Schroeder & Tremayne, assignor to Schroeder & Tremayne, Inc., St. Louis, Mo. Cuban sheepswool sponges. 121,663; renewed May 14, 1938.
Sears, Roebuck and Co., Chicago, Ill. Toilet soap. 354,277; Feb. 8; Serial No. 396,474; published Nov. 2, 1937. Class 4.
Seelig, R., & Hille, Dresden, Germany. Automatic bag and infusion bag packaging machine. 354,242; Feb. 8; Serial No. 394,510; published Nov. 30, 1937. Class 23.
Selrite, Inc., New York, N. Y. Beach and steamer chairs. 354,322; Feb. 8; Serial No. 397,303; published Nov. 30, 1937. Class 32.
Skinner, F. L., Dunedin, Fla. Fresh citrus fruit. 354,407; Feb. 8. Class 46.
Skol Company, Inc., New York, N. Y. Eye glasses. 354,341; Feb. 8; Serial No. 397,622; published Nov. 30, 1937. Class 26.
Smidt, Joseph, Chicago, Ill. Cleaners and polishes. 354,243; Feb. 8; Serial No. 394,641; published Nov. 30, 1937. Class 4.
Smidt, Joseph, Chicago, Ill. Paints, varnishes, and enamels. 354,374; Feb. 8; Serial No. 398,060; published Nov. 30, 1937. Class 16.
Società di Prodotti Chimico-Farmaceutici A. Bertelli & C., An., Milan, Italy. Toilet soaps. 354,226; Feb. 8; Serial No. 393,187; published Oct. 5, 1937. Class 4.

Southern Oil Company of New York Inc., Horseheads, N. Y. Gasoline, kerosene, motor fuel oils, etc. 354,257; Feb. 8; Serial No. 395,739; published Nov. 23, 1937. Class 15.
Spats Bros., Inc., New York, N. Y. Raincoats, raincapes, and hats. 354,200; Feb. 8; Serial No. 389,388; published Nov. 23, 1937. Class 39.
Spaulding-Moss Company, Boston, Mass. Blue prints, Van Dyke prints, photostat prints, etc. 354,366; Feb. 8; Serial No. 397,987; published Nov. 23, 1937. Class 38.
Spire, Wm. Mundo, and Ad Carter, New York, N. Y. Scripts for a series of commercial radio broadcasts. 354,211; Feb. 8; Serial No. 391,404; published Nov. 30, 1937. Class 38.
Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Cleaning solvents. 354,287; Feb. 8; Serial No. 396,699; published Nov. 9, 1937. Class 4.
Standard Oil Company of New Jersey, Wilmington, Del. Leather oil. 354,294; Feb. 8; Serial No. 396,844; published Oct. 19, 1937. Class 4.
Standard Oil Company of New Jersey, Wilmington, Del. Leather oil. 354,305; Feb. 8; Serial No. 397,058; published Nov. 2, 1937. Class 4.
Standard Oil Company of New Jersey, Wilmington, Del. Lubricating greases. 354,379-80; Feb. 8; Serial Nos. 398,179-80; published Nov. 30, 1937. Class 15.
Stein, Jacob, doing business as Climax Rubber Company, Brooklyn, N. Y. Dress shields. 354,297; Feb. 8; Serial No. 396,972; published Nov. 30, 1937. Class 40.
Steinberger Bros. Glove Corporation, New York, N. Y. Gloves and mittens. 354,278; Feb. 8; Serial No. 390,476; published Nov. 23, 1937. Class 39.
Stempel, Irving, & Co. Inc., New York, N. Y. Blouses, jackets, sweaters, etc. 354,403; Feb. 8. Class 39.
Sterling Packing & Gasket Co. (Incorporated), Houston, Tex. Mechanical packings and gaskets. 354,416; Feb. 8. Class 35.
Stetson, John B., Company, Philadelphia, Pa. Hats. 354,221; Feb. 8; Serial No. 392,719; published Nov. 23, 1937. Class 39.
Stewart, Guy E., doing business as Stewart Blade Company, Brooklyn, N. Y. Razor blades. 354,312; Feb. 8; Serial No. 397,157; published Nov. 30, 1937. Class 23.
Stylecraft-Brown Corp., New York, N. Y. Slips and petticoats. 354,423; Feb. 8. Class 39.
Sun-Maid Raisin Growers of California. (See California Associated Raisin Co., assignor.)
Swift and Company. (See Ammon & Person, assignor.)
Tampa Cigar Co. (See Arango, Francisco, Jr.)
Tampa Wholesale Liquor Company, Inc., Tampa, Fla. Wines. 354,229; Feb. 8; Serial No. 393,349; published Nov. 30, 1937. Class 47.
Tay-Holbrook, Inc., San Francisco, Calif. Basement and floor type furnaces. 354,422; Feb. 8. Class 34.
Teich, Curt, & Company, Inc., Chicago, Ill. Multi-colored post-cards and pictorial illustrations. 354,244; Feb. 8; Serial No. 394,644; published Nov. 23, 1937. Class 38.
Tennessee Coal, Iron and Railroad Company, Birmingham, Ala. Tool-steel. 121,968; renewed June 11, 1938.
Thrush, H. A., & Company, Peru, Ind. Heat control units. 354,212; Feb. 8; Serial No. 391,716; published Nov. 30, 1937. Class 26.
Timken Roller Bearing Company, The, Canton, Ohio. Steel products. 354,336; Feb. 8; Serial No. 397,524; published Nov. 30, 1937. Class 13.
Trabert & Hoeffer Inc., New York, N. Y. Diamonds and precious stones. 354,323; Feb. 8; Serial No. 397,309; published Nov. 30, 1937. Class 28.
Tricot Corp. of America, New York, N. Y. Underwear, hosiery, bathing suits, etc. 354,330; Feb. 8; Serial No. 397,428; published Nov. 23, 1937. Class 39.
Trico Fuse Mfg. Co. (See Arrow Fuse & Mfg. Co.)
Trojan Publishing Corporation, New York, N. Y., assignor to Lone Ranger, Inc., Detroit, Mich. Periodical publication. 354,109; Feb. 8; Serial No. 388,554; published Nov. 23, 1937. Class 38.
Turco Products, Inc., Los Angeles, Calif. Cleaning compounds. 354,196; Feb. 8; Serial No. 387,408; published June 1, 1937. Class 4.
Turco Products, Inc., Los Angeles, Calif. Abrasive and/or detergent cleaning compounds. 354,261; Feb. 8; Serial No. 395,935; published Nov. 9, 1937. Class 4.
Union Bag & Paper Corporation, New York, N. Y. Paper bags. 354,269; Feb. 8; Serial No. 396,245; published Nov. 30, 1937. Class 2.
Union Bag & Paper Corporation, New York, N. Y. Paper bags. 354,383; Feb. 8; Serial No. 398,332; published Nov. 30, 1937. Class 2.
Union Fork & Hoe Company, The, Columbus, Ohio. Hand operated tools. 354,192; Feb. 8; Serial No. 383,496; published Nov. 30, 1937. Class 22.
United Cast Stone Company, Bellevue, Mich. Artificial stone. 354,253; Feb. 8; Serial No. 395,323; published Nov. 23, 1937. Class 12.
United Feature Syndicate, Inc., New York, N. Y. Comic drawings. 354,289; Feb. 8; Serial No. 398,444; published Nov. 30, 1937. Class 38.
United States News Publishing Corporation, Washington, D. C. Sections of periodical publications. 354,355; Feb. 8; Serial No. 397,884; published Nov. 23, 1937. Class 38.
Van Slyke, G. W., & Horton, Inc., Kingston, N. Y. Cigars. 354,378; Feb. 8; Serial No. 398,135; published Nov. 23, 1937. Class 17.
Vassilaros, John A., New York, N. Y. Coffee. 354,207; Feb. 8; Serial No. 390,759; published Nov. 30, 1937. Class 46.
Violet, J. & S., Freres, Thuir, France. Wine. 354,251; Feb. 8; Serial No. 395,248; published Nov. 30, 1937. Class 47.
Viscol Company, The, Stamford, Conn. Oils and greases for waterproofing, making flexible, etc., leather and fibrous goods. 354,270; Feb. 8; Serial No. 396,247; published Oct. 12, 1937. Class 4.
Wahl, J. M., doing business as J. M. Wahl & Co., Phoenix, Ariz. Tea, soy sauce, noodles, etc. 354,262; Feb. 8; Serial No. 395,936; published Nov. 30, 1937. Class 46.
Wamsutta Mills, New Bedford, Mass. Outer shirts, shorts, slacks, etc. 354,295; Feb. 8; Serial No. 396,853; published Nov. 23, 1937. Class 39.
White, H. Kirk, and Company, Oconomowoc, Wis. Cleaning compound. 354,259; Feb. 8; Serial No. 395,887; published Nov. 23, 1937. Class 4.
Whittemore-Wright Company, Inc., Charlestown, Mass. Tanning and textile oils. 354,245; Feb. 8; Serial No. 396,653; published Nov. 9, 1937. Class 6.
Whyex Laboratories, Inc., Manville, N. J. Manicure preparations. 354,246; Feb. 8; Serial No. 394,770; published Nov. 9, 1937. Class 6.
Wilson, John M., doing business as Meridian Grain & Elevator Co., Meridian, Miss. Corn meal, pearl grits, hog feed, etc. 354,231; Feb. 8; Serial No. 393,744; published Nov. 2, 1937. Class 46.
Woods, Bessie L., Chicago, Ill. Composition for cleaning, polishing, and preventing condensation of moisture on eye glasses, etc. 354,417; Feb. 8. Class 4.
Wurzburg, Donald B., Inc., Grand Rapids, Mich. Dolls' clothing. 354,331; Feb. 8; Serial No. 397,466; published Nov. 30, 1937. Class 22.
Wyomissing Glazed Paper Company, West Reading, Pa. Glazed paper. 354,319; Feb. 8; Serial No. 397,272; published Nov. 23, 1937. Class 37.

LIST OF REGISTRANTS OF LABELS

Admiracion Laboratories, Inc., Harrison, N. J. Admiracion Deluxe No. 2 Scalp and Hair Tonic. For Scalp and Hair Tonic. 50,636; Feb. 8.
Admiracion Laboratories, Inc., Harrison, N. J. Admiracion Deluxe No. 1 Scalp and Hair Tonic. For Scalp and Hair Tonic. 50,637; Feb. 8.
Admiracion Laboratories, Inc., Harrison, N. J. Admiracion Solutized Lathering Oil Shampoo. For Lathering Oil Shampoo. 50,638; Feb. 8.
Admiracion Laboratories, Inc., Harrison, N. J. Admiracion Solutized Lathering Oil Shampoo Directions. For Lathering Oil Shampoo. 50,639; Feb. 8.
Allen, Edward E., Mfg. Co., Chicago, Ill. Bialy Orzel. For House Paint. 50,640; Feb. 8.
Ash-Bradford, Inc., South Bend, Ind. Freezer Fresh. For Ice Cream. 50,641; Feb. 8.
Austin, Nichols & Co., Inc., Brooklyn, N. Y. Sunbeam. For Fancy Grapefruit. 50,642; Feb. 8.
Austin, Nichols & Co., Inc., Brooklyn, N. Y. Sunbeam. For Fancy Sliced Hawaiian Pineapple. 50,643; Feb. 8.
Austin, Nichols & Co., Inc., Brooklyn, N. Y. Sunbeam. For Purple Plums. 50,644; Feb. 8.
Austin, Nichols & Co., Inc., Brooklyn, N. Y. Sunbeam. For Pure Natural Unsweetened Grapefruit Juice. 50,645; Feb. 8.
Austin, Nichols & Co., Inc., Brooklyn, N. Y. Sunbeam. For Strained Cranberry Sauce. 50,646; Feb. 8.
B & B Bottlers, Inc., Indianapolis, Ind. Red Cap. For Pure Vitalized Water. 50,647; Feb. 8.
Beard, Roy A., Oaktown, Ind. The Different Game, Makalot. For a Game. 50,648; Feb. 8.
Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Cream Crackers. For Cream Crackers. 50,649; Feb. 8.
Blumenthal, Morris, Washington, D. C. Old Lester. For Straight Bourbon Whiskey. 50,650; Feb. 8.
Borgenicht, E., & Co., Inc., New York, N. Y. Joyce Ann Frocks. For Frocks. 50,651; Feb. 8.
Burry Biscuit Corporation, Linden, N. J. Cookie Praline. For Cookies. 50,652; Feb. 8.
Bussmann Manufacturing Company. (See McGraw Electric Company.)
Chemical Research Corporation, The, Baltimore, Md. Cruex. For a Medicated Cream for Toilet and Medical Use. 50,653; Feb. 8.
Clayton, A. C., Printing Co., St. Louis, Mo. Fine Footwear. For Footwear. 50,654; Feb. 8.

Cooke, T. G., Chicago, Ill. Lightning Latent Finger Print Powder Black. For Latent Finger Print Powder. 50,658; Feb. 8.

Cooke, T. G., Chicago, Ill. Lightning Latent Finger Print Powder Gray. For Latent Finger Print Powder. 50,659; Feb. 8.

De Lishus Foods Corporation, Long Island City, N. Y. "If It's De Lishus It's Delicious" "It's the Nuts" De Lishus Tops for All Cakes and Desserts. For Topping for Cakes and Desserts. 50,657; Feb. 8.

Fez-American Incorporated, New York, N. Y. Styled by Fesco-Basque. For Berets. 50,658; Feb. 8.

Firestone, Charles, New York, N. Y. Da-Lite. For Natural Light Indicators. 50,659; Feb. 8.

Garcia Grande Cigars, Incorporated, New York, N. Y. Garcia Grande Golden Leaf. For Cigars. 50,660; Feb. 8.

Gardiner, Robert M., San Francisco, Calif. Alaskimo. For Alaska Deep Sea Crab. 50,661; Feb. 8.

Gotham Silk Hosiery Company, Inc., New York, N. Y. Gotham Gold Stripe. For Silk Stockings. 50,662; Feb. 8.

Grants, Benjamin, doing business as Specialty Laboratories, Hammond, Ind. Glasol—Cleans Glazes—For All Auto Finishes. For a Dry Glaze Dressing for All Auto Finishes. 50,663; Feb. 8.

Grevemberg Co., The, Beaumont, Tex. Spindletop. For Pepper Sauce. 50,664; Feb. 8.

Grocers Service Corporation, Chicago, Ill. Cupboard. For Canned Cherries. 50,665; Feb. 8.

Grocers Service Corporation, Chicago, Ill. Cupboard. For Canned Plums. 50,666; Feb. 8.

Grocers Service Corporation, Chicago, Ill. Cupboard. For Canned Sliced Beets. 50,667; Feb. 8.

Grocers Service Corporation, Chicago, Ill. Cupboard. For Canned Diced Carrots. 50,668; Feb. 8.

Grocers Service Corporation, Chicago, Ill. Cupboard. For Canned Tomato Juice. 50,669; Feb. 8.

Grocers Service Corporation, Chicago, Ill. Cupboard. For Canned Sauerkraut. 50,670; Feb. 8.

Gruber, Edward H., doing business as Gruber Bottling Works, Philadelphia, Pa. Gruber's. For Ginger Ale. 50,671; Feb. 8.

Jeffreys, Raymond J., Lakewood, Ohio, and Cocoa, Fla. Just a Taste of Hand Picked Tree Ripened Florida Fruit. For Florida Fruit. 50,672; Feb. 8.

Johnson, S. C., & Son, Inc., Racine, Wis. Johnson's Gym Finish. For a Finish for Gymnasium Floors. 50,673; Feb. 8.

Kahn's, E., Sons Co., The, Cincinnati, Ohio. American Beauty. For Picnics. 50,674; Feb. 8.

Kahn's, E., Sons Co., The, Cincinnati, Ohio. American Beauty. For Bacon. 50,675; Feb. 8.

Kahn's, E., Sons Co., The, Cincinnati, Ohio. American Beauty. For Selected Bacon. 50,676; Feb. 8.

Kahn's, E., Sons Co., The, Cincinnati, Ohio. American Beauty Ham. For Ham. 50,677; Feb. 8.

Kahn's, E., Sons Co., The, Cincinnati, Ohio. American Beauty. For Smoked Cooked Ham. 50,678; Feb. 8.

Kahn's, E., Sons Co., The, Cincinnati, Ohio. American Beauty. For Cooked Skinless Ham. 50,679; Feb. 8.

Kahn's, E., Sons Co., The, Cincinnati, Ohio. American Beauty. For Skinned Ham. 50,680; Feb. 8.

Kahn's, E., Sons Co., The, Cincinnati, Ohio. American Beauty. For Cooked Ham. 50,681–2; Feb. 8.

Kahn's, E., Sons Co., The, Cincinnati, Ohio. Tenderham. For Ham. 50,683; Feb. 8.

Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Kroger's Twinkle Gelatin Dessert. For Cherry Gelatin Dessert. 50,684; Feb. 8.

Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Kroger's Twinkle Gelatin Dessert. For Lime Gelatin Dessert. 50,685; Feb. 8.

Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Kroger's Twinkle Gelatin Dessert. For Orange Gelatin Dessert. 50,686; Feb. 8.

Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Kroger's Twinkle Gelatin Dessert. For Raspberry Gelatin Dessert. 50,687; Feb. 8.

Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Kroger's Twinkle Gelatin Dessert. For Strawberry Gelatin Dessert. 50,688; Feb. 8.

Kroger Grocery & Baking Company, The, Cincinnati, Ohio. Kroger's Twinkle Gelatin Dessert. For Lemon Gelatin Dessert. 50,689; Feb. 8.

Lipton, Thomas J., Inc., Hoboken, N. J., Chicago, Ill., and San Francisco, Calif. Lipton Orange Pekoe & Pekoe (Yellow and Red). For One Cup-Individual Tea Bags. 50,690; Feb. 8.

Lipton, Thomas J., Inc., Hoboken, N. J., Chicago, Ill., and San Francisco, Calif. Lipton Choicest Blend of Ceylon & India Orange Pekoe & Pekoe Tea (Yellow and Red). For Tea. 50,691; Feb. 8.

Los Angeles Brewing Co., doing business as Maison Chantelle, Los Angeles, Calif. Olde English. For Tom & Jerry Batter. 50,692; Feb. 8.

Maison Chantelle. (See Los Angeles Brewing Co.)

Marotta, Alfonso, East Boston, Mass. Bicartrate. For a Powder for Making an Effervescent Drink. 50,693; Feb. 8.

McGraw Electric Company, doing business as Bussmann Manufacturing Company, St. Louis, Mo. Fustat. For Combination Fuses and Thermal Cutouts. 50,694–5; Feb. 8.

Megs Macaroni Co. (See Wolfe, C. W.)

Miller, W. S., Inc., Middletown, Conn. Campus Junior Shoes. For Shoes. 50,696; Feb. 8.

Miller, W. S., Inc., Middletown, Conn. Modern Youth Shoes. For Shoes. 50,697; Feb. 8.

Nucap Laboratory, Denver, Colo. Nu Cap. For Scalp Tonic. 50,698; Feb. 8.

Phillips Bros., Baltimore, Md. Heads Up. For Lithiated Lemon. 50,699; Feb. 8.

Pitman, Harold M., Company, Chicago, Ill. Pitman Blu-Print Powder. For Powder for Making Blue Prints on Glass by Contact. 50,700; Feb. 8.

Reynolds Preserving Company, The, Sturgeon Bay, Wis. Cheresaus. For Canned Pitted Red Cherries in Syrup. 50,701; Feb. 8.

S. B. Q. Sauce Shop. (See Taylor, Jessie).

Skinner Manufacturing Company, Omaha, Nebr. Raisn-Wheat. For a Breakfast Cereal Consisting of a Mixture of Farina and Raisins. 50,702; Feb. 8.

Snap-On Apron Co., Boston, Mass. The Snap-On Apron. For Women's Aprons. 50,703; Feb. 8.

Specialty Laboratories. (See Grants, Benjamin.)

Standard Brands Incorporated, New York, N. Y. Fleischmann's. For Brewers' Yeast. 50,704; Feb. 8.

Taylor, Jessie, doing business as S. B. Q. Sauce Shop, Lorain, Ohio. Mother Taylors' S. B. Q. Sauce. For a Sauce. 50,705; Feb. 8.

U. S. Vitamin Corporation, Dover, Del., and New York, N. Y. Vitamins A-D, B-(G)-C-D-H Scientifically Balanced for Adults. For Vitamin Capsules. 50,706; Feb. 8.

Vogue Mfg. Co., Newark, N. J. Vogue Simplex. For Foundation Garments. 50,707; Feb. 8.

Williams Bakery, New Albany, Ind. White Mountain. For Bread. 50,708; Feb. 8.

Wolfe, C. W., doing business as Megs Macaroni Co., Harrisburg, Pa. Cavaliere Brand Macaroni. For Macaroni. 50,709; Feb. 8.

Wrigley, Wm., Jr., Company, Chicago, Ill. Wrigley's Spearmint. For Chewing Gum. 50,710; Feb. 8.

Wrigley, Wm., Jr., Company, Chicago, Ill. Wrigley's Triple Mint Gum. For Chewing Gum. 50,711; Feb. 8.

Wrigley, Wm., Jr., Company, Chicago, Ill. Wrigley's Spear Mint Gum. For Chewing Gum. 50,712; Feb. 8.

Wrigley, Wm., Jr., Company, Chicago, Ill. Wrigley's Twin Mint Gum. For Chewing Gum. 50,713; Feb. 8.

Wrigley, Wm., Jr., Company, Chicago, Ill. Wrigley's Double Mint Gum. For Chewing Gum. 50,714; Feb. 8.

Young, L. Romaine, Inc., Seattle, Wash. Young's Denture Rebase and Technic. For Denture Rebases. 50,715–6; Feb. 8.

Zimbel Laboratories, Port Chester, N. Y. Glove-X. For a Hand Cream. 50,717; Feb. 8.

Zonite Products Corporation, New York, N. Y. Larvex. For Insecticide and Mothproofing Composition. 50,718; Feb. 8.

LIST OF REGISTRANTS OF PRINTS

Convertible Door Mfg. Co., Milwaukee, Wis. Of course You want Storm Sash—Look for the Master Gold Seal. For Storm Sash. 16,672; Feb. 8.

General Mills, Inc., Minneapolis, Minn. Now Clever Women Serve Hot Biscuits to Rescue those "Below Par" Menus. For Biscuit Flour. 16,673; Feb. 8.

Greenspoon Clothing Co., Inc., doing business as Greenspoon Clothing Co., St. Louis, Mo. Comfort-Control. For Topcoats. 16,674; Feb. 8.

Gregory Ink Co., Los Angeles, Calif. No more Neglected Correspondence—You'll Love to Write . . with Fount-O-Ink. For Writing Sets. 16,675; Feb. 8.

Gregory Ink Co., Los Angeles, Calif. Keep Fount-O-Ink by the Telephone. For Writing Sets. 16,676; Feb. 8.

Gregory Ink Co., Los Angeles, Calif. Fount-O-Ink is the most Efficient Writing Set I've ever used. For Writing Sets. 16,677; Feb. 8.

Gregory Ink Co., Los Angeles, Calif. Just put on a Bottle of Ink . . No Messy Well filling with Fount-O-Ink. For Writing Sets. 16,678; Feb. 8.

Hoffman, S. L., & Co., Inc., New York, N. Y. Tuck-Top Frock. For Frocks. 16,679; Feb. 8.

Kirsch, Sidonie H., New York, N. Y. Three Action Beauty Nail Brush. For Three Action Beauty Nail Brushes. 16,680; Feb. 8.

Lehn & Fink Products Corporation, Bloomfield, N. J. You can Win One of these Beautiful Longines Watches! For Tooth Powder and Tooth Paste. 16,681; Feb. 8.

Lehn & Fink Products Corporation, Bloomfield, N. J. You can Win either of these Beautiful Longines Watches! For Tooth Powder and Tooth Paste. 16,682; Feb. 8.

Musebeck Shoe Company, Danville, Ill. Do Your Feet look like this under the X-Ray? The Way to Foot Health, how Health Spot Shoes Correct Weak Feet. For Shoes. 16,683; Feb. 8.

Parker Pen Company, The, Janesville, Wis. Like a Fashion Parade come these 1938 Parker Pen Desk Sets! For Fountain Pens, Mechanical Pencils, and Desk Sets. 16,684; Feb. 8.

Quality Bakers of America, New York, N. Y. International Secret Police—Speed Gibson. For Bread. 16,685; Feb. 8.

Reo Motor Car Company, Lansing, Mich. Reo Speed Wagons and Heavy-Duty Trucks. For Speedwagons and Heavy-Duty Trucks. 16,686; Feb. 8.

Reo Motor Car Company, Lansing, Mich. Reo Heavy-Duty Trucks and Safety Busses, etc. For Heavy-Duty Trucks and Safety Busses. 16,687; Feb. 8.

Sales Affiliates, Inc., New York, N. Y. High Speed Glamor Series—Lexol—Oil Shampoo Tint. For Oil Shampoo Tint. 16,688; Feb. 8.

White Cap Company, Chicago, Ill. Announcing Vapor-Vacuum. For Automatic Capping Machines and Caps for Sealing Glass Containers. 16,689; Feb. 8.

Yankee Metal Products Corp., Norwalk, Conn. Yankee Lamps and Specialties. For Fog Lights. 16,690; Feb. 8.

Yankee Metal Products Corp., Norwalk, Conn. Yankee Lamps and Specialties. For Reflectors. 16,691; Feb. 8.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Cotton-batts, Dry-goods. Lockport Cotton Batting Co. 354,371; Feb. 8; Serial No. 396,048; published Nov. 23, 1937.

Diatomaceous silica. H. W. Kaylor. 354,215; Feb. 8; Serial No. 391,916; published Nov. 23, 1937.

Paper filler or powdered papermaking ingredient. Bennett Incorporated. 354,247; Feb. 8; Serial No. 397,789; published Nov. 23, 1937.

Plastic material. Celluloid Corporation. 354,281; Feb. 8; Serial No. 396,529; published Nov. 23, 1937.

Seeds. Flower. Germain Seed and Plant Company. 354,200; Feb. 8; Serial No. 390,906; published Nov. 23, 1937.

Skins, Fur. Abrams & Linden, Inc. 354,346; Feb. 8; Serial No. 397,786; published Nov. 23, 1937.

Sponges. Cuban sheepswool. Schroeder & Tremayne. 121,663; renewed May 14, 1938.

CLASS 2

Bags, Paper. Union Bag & Paper Corporation. 354,269; Feb. 8; Serial No. 396,245; published Nov. 30, 1937.

Bags, Paper. Union Bag & Paper Corporation. 354,333; Feb. 8; Serial No. 396,332; published Nov. 30, 1937.

Drums and cans. Owens-Illinois Can Company. 354,222; Feb. 8; Serial No. 392,727; published Nov. 30, 1937.

CLASS 3

Horse and mule shoes. Phoenix Manufacturing Company. 354,377; Feb. 8; Serial No. 396,127; published Nov. 30, 1937.

Pocketbooks, handbags, and purses. Bonay, Inc. 354,419; Feb. 8.

CLASS 4

Abrasive and/or detergent cleaning compounds. Turco Products, Inc. 354,261; Feb. 8; Serial No. 395,935; published Nov. 9, 1937.

Abrasive cloth and abrasive paper. Minnesota Mining & Manufacturing Company. 354,203; Feb. 8; Serial No. 390,176; published Nov. 9, 1937.

Chemical detergent. Cowles Detergent Company. 354,293; Feb. 8; Serial No. 396,804; published Oct. 19, 1937.

Cleaner, Automobile. P. Gibson. 354,256; Feb. 8; Serial No. 395,616; published Oct. 12, 1937.

Cleaner, Enamel. B. Heller & Company. 354,290; Feb. 8; Serial No. 396,718; published Nov. 9, 1937.

Cleaners and polishes. J. Smidt. 354,243; Feb. 8; Serial No. 394,641; published Nov. 30, 1937.

Cleaning and polishing materials, Shoe. Nu-Di Products Company. 354,197; Feb. 8; Serial No. 388,105; published May 11, 1937.

Cleaning compound. Dry Bros. Co. 354,228; Feb. 8; Serial No. 393,272; published Oct. 26, 1937.

Cleaning compound. H. Kirk White and Company. 354,289; Feb. 8; Serial No. 395,687; published Nov. 23, 1937.

Cleaning compounds. Turco Products, Inc. 354,196; Feb. 8; Serial No. 387,406; published June 1, 1937.

Cleaning compounds, Rug and carpet. J. B. McComb. 354,279; Feb. 8; Serial No. 396,406; published Oct. 19, 1937.

Cleaning powder, Concentrated. W. Borak. 354,194; Feb. 8; Serial No. 384,845; published Nov. 30, 1937.

Cleanser, Liquid neutral. Midland Chemical Laboratories, Inc. 354,338; Feb. 8; Serial No. 397,545; published Nov. 30, 1937.

Cleansing composition for glasses, dishes, etc. P. McN. Garrod. 354,207; Feb. 8; Serial No. 397,103; published Nov. 23, 1937.

Composition for cleaning, polishing, and preventing condensation of moisture on eye glasses, etc. B. L. Woods. 354,417; Feb. 8.

Detergent preparation for dish washing. Popular Brands, Inc. 354,265; Feb. 8; Serial No. 396,007; published Oct. 12, 1937.

Oil, Leather. Standard Oil Company of New Jersey. 354,294; Feb. 8; Serial No. 396,844; published Oct. 19, 1937.

Oil, Leather. Standard Oil Company of New Jersey. 354,305; Feb. 8; Serial No. 397,068; published Nov. 2, 1937.

Oils and greases for waterproofing, making flexible, etc., leather and fibrous goods. Viscol Company. 354,270; Feb. 8; Serial No. 396,247; published Oct. 12, 1937.

Polishing and cleaning cloth, scouring powder, etc. R. H. Macy & Co. 354,317; Feb. 8; Serial No. 397,261; published Nov. 9, 1937.

Preparation for mellowing leather. Manufacturing Laboratories, Inc. 354,201; Feb. 8; Serial No. 396,721; published Oct. 19, 1937.

Rust and stain remover for bath tubs, sinks, and the like. Rustain Products Incorporated. 354,304; Feb. 8; Serial No. 397,052; published Nov. 23, 1937.

Shaving lotion. Pinaud Incorporated. 354,329; Feb. 8; Serial No. 397,419; published Nov. 23, 1937.

Soap, All-purpose liquid dog and cat. F. M. Eaton. 354,273; Feb. 8; Serial No. 396,357; published Oct. 12, 1937.

Soap and shaving soap, Toilet. Erasmic Company. 354,325; Feb. 8; Serial No. 397,332; published Nov. 9, 1937.

Soap for animals. Midway Chemical Co. 354,230; Feb. 8; Serial No. 393,471; published Oct. 12, 1937.

Soap, soap chips, and soap granules, etc., Laundry. National Retailer-Owned Grocers, Inc. 354,193; Feb. 8; Serial No. 386,654; published Oct. 26, 1937.

Soap, Toilet. Pinaud Incorporated. 354,286; Feb. 8; Serial No. 396,602; published Oct. 12, 1937.

Soap, Toilet. Sears, Roebuck and Co. 354,277; Feb. 8; Serial No. 396,474; published Nov. 2, 1937.

Soaps and powders thereof, Toilet and laundry. V. McMahan. 354,272; Feb. 8; Serial No. 396,324; published Oct. 12, 1937.

Soaps, soap chips, soap powder, etc. Wm. T. Knott Company. 354,311; Feb. 8; Serial No. 397,123; published Nov. 23, 1937.

Soaps, Shaving. R. Parent. 354,227; Feb. 8; Serial No. 393,200; published Nov. 23, 1937.

Soaps, Toilet. Societa di Prodotti Chimico-Farmaceutici A. Bertelli & C., An. 354,226; Feb. 8; Serial No. 393,187; published Oct. 5, 1937.

Solvents, Cleaning. Standard Oil Company of California. 354,287; Feb. 8; Serial No. 396,699; published Nov. 9, 1937.

Steel wool. American Steel Wool Mfg. Co. Inc. 354,299; Feb. 8; Serial No. 397,010; published Nov. 16, 1937.

Waxing pads. Wax bearing. Pad-Y-Wax Company. 354,184; Feb. 8; Serial No. 363,229; published Nov. 9, 1937.

CLASS 6

Chemicals suitable for tanning. Innis, Speiden & Co. 121,716; renewed May 21, 1938.

Extract for hair troubles. L. Mansoni. 354,376; Feb. 8; Serial No. 398,115; published Nov. 16, 1937.

Insecticides and fungicides. Interstate Chemical Co. 121,001; renewed June 11, 1938.

Laxative, Herb. Hollister Drug Company. 120,104; renewed Jan. 8, 1938.

Manicure preparations. Whyex Laboratories, Inc. 354,246; Feb. 8; Serial No. 394,770; published Nov. 9, 1937.

Oils, Tanning and textile. Whittemore-Wright Company. 354,245; Feb. 8; Serial No. 396,653; published Nov. 9, 1937.

Powder, Talcum. Fuller-Morrisson Company. 118,026; renewed Aug. 14, 1937.

Tonic and remedy for fowls. Germo Manufacturing Company. 120,095; renewed Jan. 8, 1938.

CLASS 8

Tobacco pouches. H. O. Herman. 354,411; Feb. 8.

CLASS 9

Firearms, explosives, ignition products, etc. Deutsche Waffen- und Munitions-fabriken, Aktiengesellschaft. 354,202; Feb. 8; Serial No. 389,906; published Nov. 30, 1937.

CLASS 10

Plant food. Grobelle Liquid Plant Food Co. 354,369; Feb. 8; Serial No. 398,044; published Nov. 30, 1937.

CLASS 11

Colors used in the manufacture of inks. H. Kohnstamm & Co. 354,375; Feb. 8; Serial No. 398,113; published Nov. 30, 1937.

Ink pads. A. B. Dick Company. 354,337; Feb. 8; Serial No. 398,423; published Nov. 30, 1937.

Type-writer ribbons and carbon-paper. Remington Typewriter Company. 120,220; renewed Jan. 15, 1938.

CLASS 12

Bituminous emulsions, Sprayable. Flintkote Company. 354,259; Feb. 8; Serial No. 397,902; published Nov. 30, 1937.
Cement and other building cements. Portland. Marquette Cement Manufacturing Co. 354,189; Feb. 8; Serial No. 375,765; published Nov. 23, 1937.
Cement, Portland. Huron Portland Cement Co. 354,360; Feb. 8; Serial No. 397,970; published Nov. 30, 1937.
Cements, Portland. Carrières Dumon et Produits Calcaires de Tournaisis Société Anonyme. 354,267; Feb. 8; Serial No. 396,224; published Nov. 23, 1937.
Fabricated sheets. Johns-Manville Corporation. 354,204; Feb. 8; Serial No. 390,275; published Nov. 30, 1937.
Lime. Ohio Hydrate & Supply Company. 120,774; renewed Mar. 5, 1938.
Panels, Architectural. Automatic Musical Instrument Company. 354,213; Feb. 8; Serial No. 391,844; published Nov. 23, 1937.
Refractory material, Castable. Plibrico Jointless Firebrick Company. 354,205; Feb. 8; Serial No. 390,380; published Nov. 23, 1937.
Stone, Artificial. United Cast Stone Company. 354,253; Feb. 8; Serial No. 395,323; published Nov. 23, 1937.

CLASS 13

Cuspidors. Brunswick-Balke-Collender Company. 354,404; Feb. 8.
Fittings, Pipe and air hose. Dallett Company. 354,263; Feb. 8; Serial No. 395,979; published Nov. 30, 1937.
Steel products. Timken Roller Bearing Company. 354,336; Feb. 8; Serial No. 397,524; published Nov. 30, 1937.
Valves, Pressure relief. Evans Products Company. 354,258; Feb. 8; Serial No. 395,751; published Nov. 30, 1937.

CLASS 14

Alloys. Fansteel Metallurgical Corporation. 354,214; Feb. 8; Serial No. 391,859; published Nov. 30, 1937.
Metals. Phelps Dodge Corporation. 121,944–5; renewed June 11, 1938.
Steel, Tool. Tennessee Coal, Iron and Railroad Company. 121,968; renewed June 11, 1938.

CLASS 15

Candles. Emery Industries, Inc. 354,289; Feb. 8; Serial No. 396,712; published Nov. 30, 1937.
Gasoline. W. C. McDuffie. 354,182; Feb. 8; Serial No. 334,017; published Nov. 23, 1937.
Gasoline, kerosene, motor fuel, oils, etc. Southern Oil Company of New York Inc. 354,257; Feb. 8; Serial No. 395,739; published Nov. 23, 1937.
Greases, Lubricating. Standard Oil Company of New Jersey. 354,379–80; Feb. 8; Serial Nos. 398,179–80; published Nov. 30, 1937.
Oil, Lubricating. Cities Service Oil Company. 354,320; Feb. 8; Serial No. 397,277; published Nov. 30, 1937.
Oils, Cutting. E. F. Houghton & Co. 354,220; Feb. 8; Serial No. 392,641; published Nov. 30, 1937.
Oils, soluble-oil bases, sulfonated oils, etc. National Oil Products Company. 121,027; renewed June 11, 1938.

CLASS 16

Paints, paint enamels, varnishes, etc. R. H. Macy & Co. 354,316; Feb. 8; Serial No. 397,260; published Nov. 30, 1937.
Paints, paint enamels, lacquers, etc. John P. Cochran Company. 354,340; Feb. 8; Serial No. 397,611; published Nov. 30, 1937.
Paints, varnishes, and enamels. J. Smidt. 354,374; Feb. 8; Serial No. 398,060; published Nov. 30, 1937.

CLASS 17

Cigars. F. Arango, Jr. 354,285; Feb. 8; Serial No. 396,650; published Nov. 30, 1937.
Cigars. G. W. Van Slyke & Horton, Inc. 354,378; Feb. 8; Serial No. 398,135; published Nov. 23, 1937.
Cigars, Chewing. A. J. Golden. 354,359; Feb. 8; Serial No. 397,968; published Nov. 23, 1937.
Cigarettes and cigars. La Yebana Company. 354,370; Feb. 8; Serial No. 398,047; published Nov. 23, 1937.

CLASS 19

Bicycles. F. B. La Plante. 354,249; Feb. 8; Serial No. 394,993; published Nov. 30, 1937.

CLASS 21

Beverage makers. S. W. Farber, Inc. 354,275; Feb. 8; Serial No. 396,394; published Nov. 30, 1937.
Electric switches, Automatic. Penn Electric Switch Co. 354,237; Feb. 8; Serial No. 394,047; published Nov. 30, 1937.
Electrical apparatus, machines, and supplies. Arrow Fuse & Mfg. Co. 119,490; renewed Nov. 27, 1937.
Electrical wires and cables. General Cable Corporation. 354,367; Feb. 8; Serial No. 398,006; published Nov. 30, 1937.
Insulators, Mica. Boonton Radio Corporation. 354,248; Feb. 8; Serial No. 394,930; published Nov. 30, 1937.
Signs, Electrically illuminated. Magnavox Company. 354,315; Feb. 8; Serial No. 397,194; published Nov. 30, 1937.
Suction cleaners, Electrically operated. Hoover Company. 354,300; Feb. 8; Serial No. 397,030; published Nov. 30, 1937.

CLASS 22

Cards, Playing. R. F. Nekuda. 354,412; Feb. 8.
Dolls and costumes thereof. McCloughlin Bros., Inc. 354,382; Feb. 8; Serial No. 398,303; published Nov. 30, 1937.
Dolls' clothing. Donald B. Wursburg, Inc. 354,231; Feb. 8; Serial No. 397,466; published Nov. 30, 1937.
Fishing lures. Automotive Maintenance Machinery Co. 354,415; Feb. 8.
Fishing rods and reels. Chisholm-Ryder Co. 354,390; Feb. 8; Serial No. 398,555; published Nov. 30, 1937.
Floats for fishing tackle. Enterprise Manufacturing Company. 354,392; Feb. 8; Serial No. 398,721; published Nov. 30, 1937.
Game. J. E. Elledge. 354,385; Feb. 8; Serial No. 398,394; published Nov. 30, 1937.
Games, Board. Milton Bradley Company. 354,391; Feb. 8; Serial No. 398,662; published Nov. 30, 1937.
Nets in the nature of fish bags. A. Berman. 354,299; Feb. 8.
Toy speedway or racetrack and miniature toy vehicles. Louis Marx & Company. 354,318; Feb. 8; Serial No. 397,263; published Nov. 30, 1937.

CLASS 23

Bag and infusion bag packaging machine, Automatic. R. Seelig & Hille. 354,242; Feb. 8; Serial No. 394,510; published Nov. 30, 1937.
Cleaning, waxing, and polishing machine. M. W. Bissell. 354,400; Feb. 8.
Cutlery, machinery, and tools and parts thereof. John B. Adt. 121,363; renewed Apr. 30, 1938.
Farm machinery. J. Blue, Jr. 354,306; Feb. 8; Serial No. 397,107; published Nov. 30, 1937.
Gearing, Power transmission. Marley Company. 354,413; Feb. 8.
Oil field equipment. American Iron & Machine Works Company. 354,208; Feb. 8; Serial No. 390,890; published Nov. 30, 1937.
Oil re-refineries and replacement parts therefor, mining apparatus and equipment, etc. F. P. Glick. 354,196; Feb. 8; Serial No. 388,443; published Nov. 30, 1937.
Razor blades. American Merchandise Co. Inc. 354,339; Feb. 8; Serial No. 397,603; published Nov. 30, 1937.
Razor blades. O. E. Kraus. 354,345; Feb. 8; Serial No. 397,759; published Nov. 30, 1937.
Razor blades. G. E. Stewart. 354,312; Feb. 8; Serial No. 397,157; published Nov. 30, 1937.
Tools, Hand operated. Union Fork & Hoe Company. 354,192; Feb. 8; Serial No. 383,496; published Nov. 30, 1937.
Tools, Metal working. Gairing Tool Company. 354,282; Feb. 8; Serial No. 396,534; published Nov. 30, 1937.

CLASS 26

Cameras and accessories. Ihagee Kamerawerk Steenbergen & Co. 354,241; Feb. 8; Serial No. 394,407; published Nov. 30, 1937.
Eye glasses. Skol Company. 354,341; Feb. 8; Serial No. 397,622; published Nov. 30, 1937.
Heat control units. H. A. Thrush & Company. 354,212; Feb. 8; Serial No. 391,716; published Nov. 30, 1937.
Measuring tape. Lufkin Rule Company. 354,372; Feb. 8; Serial No. 398,049; published Nov. 30, 1937.
Springs, Hair. Associated Spring Corporation. 354,288; Feb. 8; Serial No. 396,706; published Nov. 30, 1937.

CLASS 28

Diamonds and precious stones. Trabert & Hoeffer Inc. 354,323; Feb. 8; Serial No. 397,309; published Nov. 30, 1937.
Pins, clips, and scarf holders. M. Chusmir. 354,351; Feb. 8; Serial No. 397,839; published Nov. 30, 1937.
Rosaries. J. V. Provensa. 354,313; Feb. 8; Serial No. 397,163; published Nov. 23, 1937.

CLASS 29

Brushes. Lawrence Richard Bruce, Inc. 354,183; Feb. 8; Serial No. 361,720; published Nov. 30, 1937.

CLASS 30

Pottery goods. M. C. Meyers. 354,232; Feb. 8; Serial No. 393,775; published Nov. 30, 1937.

CLASS 32

Chair, Beach and steamer. Selrite, Inc. 354,322; Feb. 8; Serial No. 397,303; published Nov. 30, 1937.
Furniture. Drexel Furniture Co. 354,405; Feb. 8.
Mattresses, pillows, bolsters, and hassocks. Associated Merchandising Corporation. 354,344; Feb. 8; Serial No. 397,745; published Nov. 30, 1937.

CLASS 34

Driers, coolers, and cookers. J. B. Adt. 120,051; renewed Jan. 8, 1938.

Furnaces, Basement and floor type. Tay-Holbrook, Inc. 354,422; Feb. 8.
Glassware for illuminating purposes. Sächsische Glasfabrik August Walther & Söhne Aktiengesellschaft. 354,280; Feb. 8; Serial No. 393,509; published Nov. 30, 1937.
Lanterns, Gasoline burning. National Stamping & Electric Works. 354,342; Feb. 8; Serial No. 397,718; published Nov. 30, 1937.
Shades, Lamp. Idealite, Inc. 354,195; Feb. 8; Serial No. 386,861; published Nov. 30, 1937.
Stokers, Crane Co. 354,234; Feb. 8; Serial No. 397,503; published Nov. 30, 1937.
Stokers, Automatic. Newton Supply Company. 354,327; Feb. 8; Serial No. 397,419; published Nov. 30, 1937.

CLASS 35

Brake and clutch linings and facings. General Asbestos & Rubber Company. 120,670; renewed Feb. 26, 1938.
Gasket, tire cut filler, tube repair kit, etc., Plastic. Pullman Chemical Company. 354,397; Feb. 8.
Packings and gaskets, Mechanical. Sterling Packing & Gasket Co. (Incorporated). 354,416; Feb. 8.
Tires. Dayton Rubber Mfg. Company. 354,410; Feb. 8.
Tires and tubes, Pneumatic. Pharis Tire and Rubber Company. 354,255; Feb. 8; Serial No. 395,593; published Nov. 30, 1937.
Tires, Resilient vehicle. Firestone Tire & Rubber Company. 354,396; Feb. 8.
Tubes for pneumatic tires, Inner. Burke-Savage Tire Co. 354,234; Feb. 8; Serial No. 393,893; published Nov. 30, 1937.

CLASS 36

Harmonicas, harmonica bodies, harmonica reeds, etc., Mouth. Harmonica Distribution Corporation of America. 354,187; Feb. 8; Serial No. 378,654; published Nov. 30, 1937.
Musical instruments and supplies. C. G. Conn, Ltd. 120,250; renewed Jan. 29, 1938.

CLASS 37

Albums, Blank picture. Percy, Carl, Inc. 354,250; Feb. 8; Serial No. 395,240; published Nov. 30, 1937.
Paper, Cover. Hammermill Paper Company. 354,190; Feb. 8; Serial No. 383,356; published Nov. 23, 1937.
Paper, Decorated. Riegel Paper Corporation. 354,395; Feb. 8.
Paper, Glazed. Wyomissing Glazed Paper Company. 354,319; Feb. 8; Serial No. 397,272; published Nov. 23, 1937.
Paper towels. Northern Paper Mills. 354,402; Feb. 8.
Pencils and toilet paper, Lead. Brown-Camp Hardware Company. 354,314; Feb. 8; Serial No. 397,182; published Nov. 23, 1937.
Pens and parts thereof, Fountain. Alkin-Lambert Company. 354,334; Feb. 8; Serial No. 398,337; published Nov. 23, 1937.
Tags. Dennison Manufacturing Company. 354,348; Feb. 8; Serial No. 397,796; published Nov. 23, 1937.
Tickets, tags, and book markers, Price. M. Hassler. 354,381; Feb. 8; Serial No. 398,281; published Nov. 30, 1937.
Wallpaper. I. Lappin Wall Paper Co. 354,239; Feb. 8; Serial No. 394,136; published Nov. 30, 1937.

CLASS 38

Blue prints, Van Dyke prints, photostat prints, etc. Spaulding-Moss Company. 354,209; Feb. 8; Serial No. 397,987; published Nov. 23, 1937.
Column for articles or writings. Philadelphia Record Company. 354,401; Feb. 8.
Drawings, Comic. United Feature Syndicate, Inc. 354,389; Feb. 8; Serial No. 398,444; published Nov. 30, 1937.
Feature articles and reprints thereof. Godefroy Manufacturing Company. 354,420; Feb. 8.
Magazine. Rocky Mountain National Fur Growers' Association. 354,236; Feb. 8; Serial No. 394,005; published Nov. 30, 1937.
Magazine section. E. A. Freund. 354,321; Feb. 8; Serial No. 397,286; published Nov. 23, 1937.
Magazine section. Hearst Magazines Inc. 354,309; Feb. 8; Serial No. 397,115; published Nov. 23, 1937.
Periodical. McGraw-Hill Publishing Company. 354,386; Feb. 8; Serial No. 398,400; published Nov. 30, 1937.
Periodical. A. F. Perrin. 354,332; Feb. 8; Serial No. 397,483; published Nov. 23, 1937.
Post-cards and pictorial illustrations, Multi-colored. Curt Teich & Company. 354,244; Feb. 8; Serial No. 394,644; published Nov. 23, 1937.
Prints, Photographic. Rockford Photo Service. 354,365; Feb. 8; Serial No. 397,984; published Nov. 23, 1937.
Publication, Periodical. Export Manual Publishing Corporation. 354,283; Feb. 8; Serial No. 396,602; published Nov. 30, 1937.
Publication, Periodical. Meat Trade Publishing Co. 354,301; Feb. 8; Serial No. 397,042; published Nov. 23, 1937.
Publication, Periodical. Trojan Publishing Corporation. 354,199; Feb. 8; Serial No. 388,554; published Nov. 23, 1937.
Publication, Weekly. T. E. Allen. 354,368; Feb. 8; Serial No. 398,030; published Nov. 23, 1937.
Publications. J. D. Houser. 354,353; Feb. 8; Serial No. 397,850; published Nov. 30, 1937.
Scripts for a series of commercial radio broadcasts. Wm. Mundo Spire and Ad Carter. 354,211; Feb. 8; Serial No. 391,494; published Nov. 30, 1937.
Section in a monthly periodical. Ogden-Watney Publishers, Inc. 354,284; Feb. 8; Serial No. 396,645; published Nov. 23, 1937.
Section in a monthly periodical. Ogden-Watney Publishers, Inc. 354,302–3; Feb. 8; Serial Nos. 397,046–7; published Nov. 23, 1937.
Section of a magazine, Look. Inc. 354,364; Feb. 8; Serial No. 397,976; published Nov. 23, 1937.
Sections of a periodical publication. United States News Publishing Corporation. 354,355; Feb. 8; Serial No. 397,884; published Nov. 23, 1937.
Series of articles. E. C. Pierce. 354,328; Feb. 8; Serial No. 397,418; published Nov. 30, 1937.

CLASS 39

Blouses, jackets, sweaters, etc. Irving Stempel & Co. Inc. 354,403; Feb. 8.
Boots and shoes. Kaut-Reith Shoe Company. 120,106; renewed Jan. 8, 1938.
Boots and shoes. Kaut-Reith Shoe Company. 120,585–8; renewed Feb. 19, 1938.
Clothing, Men's. William Kolmer & Jack Marcus Inc. 354,414; Feb. 8.
Coats, capes, and jackets, Dyed coney. Fur Mart of America, Inc. 354,224; Feb. 8; Serial No. 393,032; published Nov. 23, 1937.
Coats, suits, overcoats, etc. Hart, Schaffner & Marx. 354,233; Feb. 8; Serial No. 393,850; published Nov. 23, 1937.
Corsets. Franco Corset Company. 354,210; Feb. 8; Serial No. 391,282; published Nov. 23, 1937.
Dresses and aprons. Decatur Garment Company. 354,264; Feb. 8; Serial No. 395,980; published Nov. 23, 1937.
Dresses and uniforms, Ladies' utility. S. L. Hoffman Co. 354,296; Feb. 8; Serial No. 396,876; published Nov. 23, 1937.
Dresses, evening gowns, hats, etc. Hollywood Prevue Ltd. 354,216; Feb. 8; Serial No. 391,957; published Nov. 23, 1937.
Dresses, House. Chicago Mail Order Company. 354,350; Feb. 8; Serial No. 397,838; published Nov. 23, 1937.
Gloves and mittens. Steinberger Bros. Glove Corporation. 354,278; Feb. 8; Serial No. 396,476; published Nov. 23, 1937.
Hats. John B. Stetson Company. 354,221; Feb. 8; Serial No. 392,719; published Nov. 23, 1937.
Mackinaws. Lakeland Manufacturing Company. 354,223; Feb. 8; Serial No. 392,930; published Nov. 23, 1937.
Negligees, pajamas, nightgowns, etc. Milgrim Manufacturing Co. 354,292; Feb. 8; Serial No. 396,777; published Nov. 23, 1937.
Raincoats, raincapes, and hats. Spats Bros., Inc. 354,200; Feb. 8; Serial No. 389,266; published Nov. 23, 1937.
Shirts, shorts, slacks, etc., Outer. Wamsutta Mills. 354,295; Feb. 8; Serial No. 396,853; published Nov. 23, 1937.
Shoes. Allen Edmonds Shoe Corporation. 354,191; Feb. 8; Serial No. 383,379; published Nov. 23, 1937.
Shoes. Bates Shoe Company. 354,260; Feb. 8; Serial No. 395,896; published Nov. 23, 1937.
Shoes. R. H. Macy & Co. 121,468; renewed Apr. 30, 1938.
Shoes, hosiery, and hats. Allied Stores Corporation. 354,235; Feb. 8; Serial No. 393,967; published Nov. 23, 1937.
Slips and petticoats. Stylecraft-Brown Corp. 354,423; Feb. 8.
Sportswear. Jean Elliott Yarns. 354,247; Feb. 8; Serial No. 394,894; published Nov. 23, 1937.
Suits, coats, vests, etc. Aron Lieberman & Sons. 354,398; Feb. 8.
Suits, overcoats, topcoats, etc. Rogers Peet Company. 354,188; Feb. 8; Serial No. 379,903; published Nov. 23, 1937.
Suits, topcoats, overcoats, etc. Burkhardt Bros. Company. 354,421; Feb. 8.
Suits, topcoats, and trousers. J. C. Penney Company. 354,406; Feb. 8.
Trousers and knickers. S. Ashheim. 354,349; Feb. 8; Serial No. 397,832; published Nov. 23, 1937.
Underwear. Celanese Corporation of America. 354,343; Feb. 8; Serial No. 397,739; published Nov. 23, 1937.
Underwear, hosiery, bathing suits, etc. Tricot Corp. of America. 354,330; Feb. 8; Serial No. 397,428; published Nov. 23, 1937.

CLASS 40

Boning, Corset. Diamond Boning Corp. 354,352; Feb. 8; Serial No. 397,842; published Nov. 30, 1937.
Combs made of hard rubber. New York Hamburger Gummi-Waaren Compagnie. 354,225; Feb. 8; Serial No. 393,182; published Nov. 23, 1937.
Hairpins. E. C. Low. 354,254; Feb. 8; Serial No. 395,533; published Nov. 23, 1937.
Shields, Dress. J. Stein. 354,297; Feb. 8; Serial No. 396,972; published Nov. 30, 1937.
Stamped goods for art needlework. Preston Trading Company. 354,217; Feb. 8; Serial No. 391,972; published Nov. 23, 1937.

CLASS 44

Catamenial belts. F. W. O'Neill. 354,373; Feb. 8; Serial No. 396,067; published Nov. 30, 1937.
Sanitary garments. Nichols Manufacturing Co. 354,354; Feb. 8; Serial No. 397,862; published Nov. 30, 1937.
Surgical dressings, gauze products, adhesive products, etc. Bay Company. 354,424; Feb. 8.
Suspenseries, men's supports, arch supports, etc. Ohio Truss Company. 354,219; Feb. 8; Serial No. 392,501; published Nov. 30, 1937.
Bacon, Vienna-style sausage, skinned ham, etc. Armstrong Packing Company. 120,006; renewed Jan. 1, 1938.
Baking powder, cocoa, evaporated milk, etc. L. Klein, Inc. 354,185; Feb. 8; Serial No. 373,475; published Nov. 30, 1937.
Beans, Baked. Maine Canned Foods, Inc. 354,413; Feb. 8.
Canned pure fruit juices. Pure Fruit Juices, Inc. 354,276; Feb. 8; Serial No. 396,473; published Nov. 30, 1937.
Canned vegetables. W. C. Kimbrough. 354,362; Feb. 8; Serial No. 397,973; published Nov. 30, 1937.
Canned vegetables, canned oysters, canned beans, with chili sauce. W. C. Kimbrough. 354,363; Feb. 8; Serial No. 397,974; published Nov. 30, 1937.
Cereal foods, Prepared. Red Boy Cereal Co. 354,324; Feb. 8; Serial No. 397,321; published Nov. 30, 1937.
Cereal food products. General Mills, Inc. 354,326; Feb. 8; Serial No. 397,862; published Nov. 30, 1937.
Coffee. J. A. Vassilaros. 354,207; Feb. 8; Serial No. 390,759; published Nov. 30, 1937.
Coffee, teas, and spices. Adelphia Coffee and Tea Company. 354,252; Feb. 8; Serial No. 395,254; published Nov. 30, 1937.
Confections, Frozen. Joe Lowe Corporation. 354,357; Feb. 8; Serial No. 397,939; published Nov. 30, 1937.
Confections, Frozen. Joe Lowe Corporation. 354,358; Feb. 8; Serial No. 397,942; published Nov. 30, 1937.
Corn meal, pearl grits, hog feed, etc. J. M. Wilson. 354,231; Feb. 8; Serial No. 393,744; published Nov. 2, 1937.
Flour, Pancake. Larrowe Buckwheat Flour Corporation. 354,295; Feb. 8; Serial No. 396,992; published Nov. 30, 1937.
Food formula for cage birds. Kellogg Seed Company. 354,361; Feb. 8; Serial No. 397,972; published Nov. 30, 1937.
Fruit, Fresh citrus. F. L. Skinner. 354,407; Feb. 8.
Fruits, Fresh citrus. Indian River Citrus Institute, Inc. 354,271; Feb. 8; Serial No. 396,316; published Nov. 30, 1937.
Fruits, fruit jellies, wine flavored jellies, etc., Sweet pickled. W. B. Rayle. 354,238; Feb. 8; Serial No. 394,096; published Nov. 30, 1937.
Lemons. Briggs Lemon Association. 354,408–9; Feb. 8.
Meats, conserved, vegetables, fruits, etc., Fresh, canned, and dried. Schokoladenfabrik Maurixen m. b. H. 354,201; Feb. 8; Serial No. 389,480; published Nov. 30, 1937.
Melons and fresh vegetables, Fresh. McDaniel & Sons, Inc. 354,240; Feb. 8; Serial No. 394,336; published Nov. 30, 1937.
Milk and cream, Fresh. Page Dairy Company. 354,335; Feb. 8; Serial No. 397,514; published Nov. 30, 1937.
Mustard. Meyer & Lange. 121,921; renewed June 11, 1938.
Oleomargarin. Ammon & Person. 120,626; renewed Feb. 19, 1938.
Raisins and dried fruits, Dried. California Associated Raisin Co. 121,502; renewed May 14, 1938.
Tea, soy sauce, noodles, etc. J. M. Wahl. 354,262; Feb. 8; Serial No. 395,936; published Nov. 30, 1937.
Vegetables, Fresh. Dario & Bibille. 354,274; Feb. 8; Serial No. 396,390; published Nov. 30, 1937.

CLASS 47

Wine. J. & S. Violet Freres. 354,251; Feb. 8; Serial No. 395,248; published Nov. 30, 1937.
Wine. Hearn Department Stores, Inc. 354,268; Feb. 8; Serial No. 396,230; published Nov. 30, 1937.
Wines. Gambarelli & Davitto. 354,218; Feb. 8; Serial No. 392,423; published Nov. 30, 1937.
Wines. Italian Swiss Colony. 354,310; Feb. 8; Serial No. 397,119; published Nov. 30, 1937.
Wines. Tampa Wholesale Liquor Company. 354,229; Feb. 8; Serial No. 393,349; published Nov. 30, 1937.

CLASS 48

Beer. Capitol Brewery, Inc. 354,189; Feb. 8; Serial No. 381,864; published Oct. 13, 1936.

CLASS 49

Cognac. Picker-Lins Importers. 354,394; Feb. 8; Serial No. 399,009; published Nov. 30, 1937.
Gin. Pacific Distillers, Inc. 354,266; Feb. 8; Serial No. 396,158; published Nov. 30, 1937.
Whiskey. James Distillery, Incorporated. 354,206; Feb. 8; Serial No. 390,454; published June 22, 1937.
Whiskey. Milestone Distilling Company Incorporated. 354,393; Feb. 8; Serial No. 398,920; published Nov. 30, 1937.
Whiskey, gin, rum, etc. E. Mugge Company. 354,388; Feb. 8; Serial No. 398,438; published Nov. 30, 1937.

CLASS 50

Artificial leather. Asher & Borets, Inc. 354,333; Feb. 8; Serial No. 397,494; published Nov. 30, 1937.
Closures, Container. Crown Cork & Seal Company. 354,306; Feb. 8; Serial No. 397,071; published Nov. 23, 1937.
Duck and waterproof canvas, Waterproof. J. Griffel. 354,337; Feb. 8; Serial No. 397,535; published Nov. 30, 1937.

LIST OF LABELS

Admiracion Deluxe No. 1 Scalp and Hair Tonic. For Scalp and Hair Tonic. Admiracion Laboratories, Inc. 50,637; Feb. 8.
Admiracion Deluxe No. 2 Scalp and Hair Tonic. For Scalp and Hair Tonic. Admiracion Laboratories, Inc. 50,636; Feb. 8.
Admiracion Solutised Lathering Oil Shampoo. For Lathering Oil shampoo. Admiracion Laboratories, Inc. 50,638; Feb. 8.
Admiracion Solutised Lathering Oil Shampoo Directions. For Lathering Oil Shampoo. Admiracion Laboratories, Inc. 50,639; Feb. 8.
Alaskimo. For Alaska Deep Sea Crab. R. M. Gardiner. 50,681; Feb. 8.
American Beauty. For Bacon. M. Kahn's Sons Co. 50,675; Feb. 8.
American Beauty. For Cooked Ham. E. Kahn's Sons Co. 50,631–2; Feb. 8.
American Beauty. For Cooked Skinless Ham. E. Kahn's Sons Co. 50,679; Feb. 8.
American Beauty Ham. For Ham. E. Kahn's Sons Co. 50,677; Feb. 8.
American Beauty. For Picnics. E. Kahn's Sons Co. 50,674; Feb. 8.
American Beauty. For Selected Bacon. E. Kahn's Sons Co. 50,676; Feb. 8.
American Beauty. For Skinned Ham. E. Kahn's Sons Co. 50,680; Feb. 8.
American Beauty. For Smoked Cooked Ham. E. Kahn's Sons Co. 50,678; Feb. 8.
Beech-Nut Cream Crackers. For Cream Crackers. Beech-Nut Packing Company. 50,640; Feb. 8.
Bialy Orsel. For House Paint. Edward E. Allen Mfg. Co. 50,640; Feb. 8.
Bicartrate. For a Powder for making an Effervescent Drink. A. Marotta. 50,693; Feb. 8.
Campus Junior Shoes. For Shoes. W. S. Miller, Inc. 50,696; Feb. 8.
Cavaliere Brand Macaroni. For Macaroni. C. W. Wolfe. 50,709; Feb. 8.
Cheresans. For Canned Pitted Red Cherries in Syrup. Reynolds Preversing Company. 50,701; Feb. 8.
Cookie Praline. For Cookies. Burry Biscuit Corporation. 50,652; Feb. 8.
Cruex. For a Medicated Cream for Toilet and Medical Use. Chemical Research Corporation. 50,653; Feb. 8.
Cupboard. For Canned Cherries. Grocers Service Corporation. 50,665; Feb. 8.
Cupboard. For Canned Diced Carrots. Grocers Service Corporation. 50,668; Feb. 8.
Cupboard. For Canned Pimas. Grocers Service Corporation. 50,666; Feb. 8.
Cupboard. For Canned Sauer Kraut. Grocers Service Corporation. 50,670; Feb. 8.
Cupboard. For Canned Sliced Beets. Grocers Service Corporation. 50,667; Feb. 8.
Cupboard. For Canned Tomato Juice. Grocers Service Corporation. 50,669; Feb. 8.
Da-Lite. For Natural Light Inflectors. C. Firestone. 50,659; Feb. 8.
Fine Footwear. For Footwear. A. C. Clayton Printing Co. 50,654; Feb. 8.
Fleischmann's. For Brewers' Yeast. Standard Brands Incorporated. 50,704; Feb. 8.
Freezer Fresh. For Ice Cream. Ash-Bradford, Inc. 50,641; Feb. 8.
Fustat. For Combination Fuses and Thermal Cutouts. McGraw Electric Company. 50,694–5; Feb. 8.
Garcia Grande Golden Leaf. For Cigars. Garcia Grande Cigars, Incorporated. 50,660; Feb. 8.
Glazol—Cleans Glazes—For All Auto Finishes. For a Dry Glaze Dressing for All Auto Finishes. B. Grants. 50,663; Feb. 8.
Glove-X. For a Hand Cream. Zimbel Laboratories. 50,717; Feb. 8.
Gotham Gold Stripe. For Silk Stockings. Gotham Silk Hosiery Company. 50,662; Feb. 8.

Gruber's. For Ginger Ale. E. H. Gruber. 50,671; Feb. 8.
Heads Up. For Lithiated Lemon. Phillips Bros. 50,699; Feb. 8.
"If It's De Lishus It's Delicious"—"It's the Nuts." De Lishus Tops for All Cakes and Desserts. For Topping for Cakes and Desserts. De Lishus Foods Corporation. 50,657; Feb. 8.
Johnson's Gym Finish. For a Finish for Gymnasium Floors. S. C. Johnson & Son, Inc. 50,673; Feb. 8.
Joyce Ann Frocks. For Frocks. E. Borgenicht & Co. 50,651; Feb. 8.
Just a Taste of Hand Picked Tree Ripened Florida Fruit. For Florida Fruit. E. J. Jeffreys. 50,672; Feb. 8.
Kroger's Twinkle Gelatin Dessert. For Cherry Gelatin Dessert. Kroger Grocery & Baking Company. 50,684; Feb. 8.
Kroger's Twinkle Gelatin Dessert. For Lemon Gelatin Dessert. Kroger Grocery & Baking Company. 50,690; Feb. 8.
Kroger's Twinkle Gelatin Dessert. For Lime Gelatin Dessert. Kroger Grocery & Baking Company. 50,685; Feb. 8.
Kroger's Twinkle Gelatin Dessert. For Orange Gelatin Dessert. Kroger Grocery & Baking Company. 50,686; Feb. 8.
Kroger's Twinkle Gelatin Dessert. For Raspberry Gelatin Dessert. Kroger Grocery & Baking Company. 50,687; Feb. 8.
Kroger's Twinkle Gelatin Dessert. For Strawberry Gelatin Dessert. Kroger Grocery & Baking Company. 50,688; Feb. 8.
Larvex. For Insecticide and Mothproofing Composition. Zonite Products Corporation. 50,718; Feb. 8.
Lightning Latent Finger Print Powder Black. For Latent Finger Print Powder. T. G. Cooke. 50,655; Feb. 8.
Lightning Latent Finger Print Powder Gray. For Latent Finger Print Powder. T. G. Cooke. 50,656; Feb. 8.
Lipton Choicest Blend of Ceylon & India Orange Pekoe & Pekoe Tea (Yellow and Red). For Tea. Thomas J. Lipton, Inc. 50,691; Feb. 8.
Lipton Orange Pekoe & Pekoe (Yellow and Red). For One Cup-Individual Tea Bags. Thomas J. Lipton, Inc. 50,690; Feb. 8.
Modern Youth Shoes. For Shoes. W. S. Miller, Inc. 50,697; Feb. 8.
Mother Taylor's S. B. Q. Sauce. For a Sauce. J. Taylor. 50,705; Feb. 8.
Nu Cap. For Scalp Tonic. Nucap Laboratory. 50,698; Feb. 8.
Old Lester. For Straight Bourbon Whiskey. M. Blumenthal. 50,650; Feb. 8.
Olde English. For Tom & Jerry Batter. Los Angeles Brewing Co. 50,692; Feb. 8.
Pitman Blu-Print Powder. For Powder for making Blue Prints on Glass by Contact. Harold M. Pitman Company. 50,700; Feb. 8.
Raisn-Wheat. For a Breakfast Cereal consisting of a Mixture of Farina and Raisins. Skinner Manufacturing Company. 50,702; Feb. 8.
Red Cap. For Pure Vitalized Water. B & B Bottlers, Inc. 50,647; Feb. 8.
Spindletop. For Pepper Sauce. Grevemberg Co. 50,664; Feb. 8.
Styled by Fesco-Basque. For Berets. Fes-America Incorporated. 50,658; Feb. 8.
Sunbeam. For Fancy Grapefruit. Austin, Nichols & Co. 50,642; Feb. 8.
Sunbeam. For Fancy Sliced Hawaiian Pineapple. Austin, Nichols & Co. 50,643; Feb. 8.
Sunbeam. For Purple Plums. Austin, Nichols & Co. 50,644; Feb. 8.
Sunbeam. For Pure Natural Unsweetened Grapefruit Juice. Austin, Nichols & Co. 50,645; Feb. 8.
Sunbeam. For Strained Cranberry Sauce. Austin, Nichols & Co. 50,646; Feb. 8.
Tenderham. For Ham. E. Kahn's Sons Co. 50,683; Feb. 8.
The Different Game, Makalot. For a Game. R. A. Beard. 50,648; Feb. 8.
The Snap-On Apron. For Women's Aprons. Snap-On Apron Co. 50,703; Feb. 8.
Vitamins A-B$_1$, B$_2$-(G)-C-D-E Scientifically Balanced for Adults. For Vitamin Capsules. U. S. Vitamin Corporation. 50,706; Feb. 8.
Vogue Simplex. For Foundation Garments. Vogue Mfg. Co. 50,707; Feb. 8.
White Mountain. For Bread. Williams Bakery. 50,708; Feb. 8.
Wrigley's Double Mint Gum. For Chewing Gum. Wm. Wrigley Jr. Company. 50,714; Feb. 8.
Wrigley's Spearmint. For Chewing Gum. Wm. Wrigley Jr. Company. 50,710; Feb. 8.
Wrigley's Spear Mint Gum. For Chewing Gum. Wm. Wrigley Jr. Company. 50,712; Feb. 8.
Wrigley's Triple Mint Gum. For Chewing Gum. Wm. Wrigley Jr. Company. 50,711; Feb. 8.
Wrigley's Twin Mint Gum. For Chewing Gum. Wm. Wrigley Jr. Company. 50,713; Feb. 8.
Youngs Denture Rebase and Technic. For Denture Rebases. L. Romaine Young, Inc. 50,715–6; Feb. 8.

LIST OF PRINTS

Announcing Vapor-Vacuum. For Automatic Capping Machines and Caps for Sealing Glass Containers. White Cap Company. 16,689; Feb. 8.
Comfort-Control. For Topcoats. Greenspoon Clothing Co. 16,674; Feb. 8.
Do Your Feet look like this under the X-Ray?, The Way to Foot Health, how Health Spot Shoes Correct Weak Feet. For Shoes. Muesbeck Shoe Company. 16,683; Feb. 8.
Fount-O-Ink is the most Efficient Writing Set I've ever used. For Writing Sets. Gregory Ink Co. 16,677; Feb. 8.
High Speed Glamor Series—Loxol—Oil Shampoo Tint. For Oil Shampoo Tint. Sales Affiliates, Inc. 16,688; Feb. 8.
International Secret Police—Speed Gibson. For Bread. Quality Bakers of America. 16,685; Feb. 8.
Just put on a Bottle of Ink . . No Messy Well filling with Fount-O-Ink. For Writing Sets. Gregory Ink Co. 16,678; Feb. 8.
Keep Fount-O-Ink by the Telephone. For Writing Sets. Gregory Ink Co. 16,676; Feb. 8.
Like a Fashion Parade come these 1938 Parker Pen Desk Sets! For Fountain Pens, Mechanical Pencils, and Desk Sets. Parker Pen Company. 16,684; Feb. 8.
No more Neglected Correspondence—You'll Love to Write . . with Fount-O-Ink. For Writing Sets. Gregory Ink Co. 16,675; Feb. 8.
Now Clever Women Serve Hot Biscuits to Rescue those "Below Par" Menus. For Biscuit Flour. General Mills, Inc. 16,673; Feb. 8.
Of course You want Storm Sash—Look for the Master Gold Seal. For Storm Sash. Convertible Door Mfg. Co. 16,672; Feb. 8.
Reo Heavy-Duty Trucks and Safety Busses, etc. For Heavy-Duty Trucks and Safety Busses. Reo Motor Car Company. 16,687; Feb. 8.
Reo Speed Wagons and Heavy-Duty Trucks. For Speed-wagons and Heavy-Duty Trucks. Reo Motor Car Company. 16,686; Feb. 8.
Three Action Beauty Nail Brush. For Three Action Beauty Nail Brushes. S. H. Kirsch. 16,680; Feb. 8.
Tuck-Top Frock. For Frocks. S. L. Hoffman & Co. 16,679; Feb. 8.
Yankee Lamps and Specialties. For Fog Lights. Yankee Metal Products Corp. 16,690; Feb. 8.
Yankee Lamps and Specialties. For Reflectors. Yankee Metal Products Corp. 16,691; Feb. 8.
You can Win either of these Beautiful Longines Watches! For Tooth Powder and Tooth Paste. Lehn & Fink Products Corporation. 16,682; Feb. 8.
You can Win One of these Beautiful Longines Watches! For Tooth Powder and Tooth Paste. Lehn & Fink Products Corporation. 16,681; Feb. 8.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 8TH DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Chester, Thomas, Detroit, Mich. Method of air conditioning. Re. 20,650; Feb. 8.

Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Thermostatic overload switch. Re. 20,649; Feb. 8.

O'Laverty, James, et al. (See Vanderpoel, Albert G. H., assignor.)

Seward, David E., et al. (See Vanderpoel, Albert G. H., assignor.)

Trumbull Electric Manufacturing Company, The. (See Hammerly, Herman J., assignor.)

Vanderpoel, Albert G. H., Wilmar, assignor of one-third to J. O'Laverty and one-third to D. E. Seward, Los Angeles, Calif. Automatic deceleration control device. Re. 20,651; Feb. 8.

LIST OF DESIGN PATENTEES

Absug, Israel, New York, N. Y. Blouse. 108,385; Feb. 8.

Adams, Wilbur H., Cleveland, Ohio, assignor to Kalamazoo Stove Company, Kalamazoo, Mich. Cooking stove. 108,312; Feb. 8.

American Hard Rubber Company. (See Schelhammer, Herman J., assignor.)

Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Stand for business machines. 108,313; Feb. 8.

Bagedonow, Max, New York, N. Y. Coat. 108,386; Feb. 8.

Bagedonow, Max, New York, N. Y. Coat. 108,387; Feb. 8.

Bagedonow, Max, New York, N. Y. Coat. 108,388; Feb. 8.

Barton Corporation, The. (See Labisky, Arthur H., assignor.)

Baryl, Walter G., Evanston, assignor to Loop Auto Parks, Chicago, Ill. Advertising tower. 108,314; Feb. 8.

Bates Laboratories, Inc. (See Sweeney, J. L., and Chipman, assignors.)

Beaumont, Oliver H. (See Lykos, J., and Beaumont.)

Benjamin, Benjamin, Freeport, N. Y. Shoe. 108,315; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Teacup or similar article. 108,354; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Teapot or similar article. 108,355; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,356; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Sugar bowl or similar article. 108,357; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Creamer or similar article. 108,358; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Jug or similar article. 108,359; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Bowl or similar article. 108,360; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Jar or similar article. 108,361; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Teapot or similar article. 108,362; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Teapot or similar article. 108,363; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Salt or pepper shaker. 108,364; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Salt or pepper shaker. 108,365; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Salt or pepper shaker. 108,366; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,367; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,368; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,369; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,370; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,371; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,372; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,373; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,374; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,375; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,376; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,377; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,378; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,379; Feb. 8.

Buma, Yukio, assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 108,380; Feb. 8.

Buxton, Warner E., Longmeadow, Mass. Flexible pocket receptacle. 108,316; Feb. 8.

Buchalter, Moses, New York, N. Y. Wrap cover for canned products. 108,317; Feb. 8.

Callowhill, Percy J. (See McBride, C. A., and Callowhill.)

Chapman, David, Chicago, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Hair drier or the like. 108,381; Feb. 8.

Chipman, Richmond L., Jr. (See Sweeney, J. L., and Chipman.)

Colcord, Carl H., New York, N. Y. Dress ensemble. 108,389; Feb. 8.

Coleman, Tora, New York, N. Y. Dress ensemble. 108,390; Feb. 8.

Coleman, Tora, New York, N. Y. Dress. 108,391; Feb. 8.

Conroy, Edward J., New Haven, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 108,318; Feb. 8.

Curby, Fred N. (See Pool, N. E., and Curby.)

De Sakhnoffsky, Alexis, Philadelphia, Pa., assignor to The White Motor Company, Cleveland, Ohio. Fuel tank truck. 108,346; Feb. 8.

Detroit Lubricator Company. (See Lux, Eugene J., assignor.)

Dolge, C. B., Company, The. (See Weirich, Clarence L., assignor.)

Downs, Marwood A., assignor to Ontario Manufacturing Company, Muncie, Ind. Spoon or other article of flatware. 108,319; Feb. 8.

Duffy-Mott Co., Inc. (See Fuerst, Edwin W., assignor.)

Eldon, James F., Binghamton, assignor to Endicott Johnson Corporation, Endicott, N. Y. Tennis shoe. 108,320; Feb. 8.

Endicott Johnson Corporation. (See Eldon, James F., assignor.)

Erickson, C. E., Company. (See Erickson, Ernest R., assignor.)

Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Rack for bread or similar articles. 108,321; Feb. 8.

Fitzmaurice, Dorothy J., administratrix. (See Fitzmaurice, Douglas F. H.)

Fitzmaurice, Douglas F. H., deceased, London, England; D. J. Fitzmaurice, administratrix. Automobile. 108,322; Feb. 8.

Fitzmaurice, Douglas F. H., deceased, London, England; D. J. Fitzmaurice, administratrix. Automobile. 108,323; Feb. 8.

Fuerst, Edwin W., Toledo, Ohio, assignor to Duffy-Mott Co., Inc., New York, N. Y. Jar. 108,324; Feb. 8.

Geller, Harry, New York, N. Y. Shoe. 108,325; Feb. 8.

Gross, Louis N., Cleveland, Ohio. Textile fabric or similar article. 108,382; Feb. 8.

Grow, Emery E., Jacksonville, Fla. Cutter element for food choppers. 108,326; Feb. 8.

Halpern, Leo, New York, N. Y. Wrap. 108,392; Feb. 8.

Hatcher, Allen S., Mount Holly, N. J. Textile fabric. 108,393; Feb. 8.

Hochberg, Rose, New York, N. Y. Dress. 108,394; Feb. 8.

Hortenau, Alfred J., New York, N. Y. Combined lantern and bottle. 108,327; Feb. 8.

International Silver Company. (See Conroy, Edward J., assignor.)

Jackson, Charles W., Rocky River, Ohio. Toy sign. 108,328; Feb. 8.

Jennings, O. D., & Company. (See Jennings, Ode D., assignor.)

Jennings, Ode D., Schaumburg Township, Cook County, assignor to O. D. Jennings & Company, Chicago, Ill. Scale. 108,329; Feb. 8.

Kalamazoo Stove Company. (See Adams, Wilbur H., assignor.)

Kane, Martine, New York, N. Y., assignor to Helena Rubinstein, Inc. Lipstick holder. 108,330; Feb. 8.
Keith, Geo. E., Company. (See Lutz, Albert W., assignor.)
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Tray or similar article. 108,331; Feb. 8.
Kempner, Celeste K., New York, N. Y. Doll or similar article. 108,332; Feb. 8.
Knapp-Monarch Company. (See Chapman, David, assignor.)
Labisky, Arthur H., assignor to The Barton Corporation, West Bend, Wis. Washing machine base. 108,395; Feb. 8.
Levine, Alfred D., Newton, Mass. Shoe. 108,333; Feb. 8.
Levitt, Mortimer, New York, N. Y. Store front. 108,383; Feb. 8.
Levy, Joseph G., assignor to L. Newman, New York, N. Y. Woven textile fabric. 108,412; Feb. 8.
Loop Auto Parks. (See Baryl, Walter G., assignor.)
Lowenbraun, Harry, Brooklyn, N. Y. Dress. 108,396; Feb. 8.
Lutz, Albert W., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 108,334; Feb. 8.
Lux, Eugene J., New York, N. Y., assignor to Detroit Lubricator Company, Detroit, Mich. Air valve casing. 108,335; Feb. 8.
Lykes, John, Stockdale, and O. H. Beaumont, North Belle Vernon, Pa. Cigarette holder. 108,336; Feb. 8.
McBride, Clifford A., Riverside, and P. J. Callowhill, Edgewood, R. I.; said Callowhill assignor to said McBride. Combined bottle stopper and liquid pourer. 108,397; Feb. 8.
Miller, Thomas E., Nashville, Tenn. Safety belt for pedestrians. 108,337; Feb. 8.
Miller, Nels A., assignor to Seeburg Radio Corporation, Chicago, Ill. Cabinet for radios and the like. 108,338; Feb. 8.
Mitchell, Murray, New York, N. Y. Picture frame. 108,339; Feb. 8.
Moles, Frank, New York, N. Y. Shoe. 108,340; Feb. 8.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Clock. 108,341; Feb. 8.
Morimura Bros. Inc. (See Buma, Yukio, assignor.)
Morrison, Ann, New York, N. Y. Top sock or similar article. 108,342; Feb. 8.
Mullen, Mary, assignor to Rosenan Bros. Inc., Philadelphia, Pa. Dress. 108,398; Feb. 8.
Mullen, Mary, assignor to Rosenan Bros. Inc., Philadelphia, Pa. Dress. 108,399; Feb. 8.
Mullen, Mary, assignor to Rosenan Bros. Inc., Philadelphia, Pa. Dress. 108,400; Feb. 8.
Nen, Irma, New York, N. Y. Medallion or the like. 108,343; Feb. 8.
Newman, Louis. (See Levy, Joseph G., assignor.)
Ontario Manufacturing Company. (See Downs, Marwood A., assignor.)
Peterson, Johann G., West Hartford, Conn. Electric switch. 108,344; Feb. 8.
Pilliod Cabinet Company. (See Pilliod, Thomas J., assignor.)
Pilliod, Thomas J., assignor to The Pilliod Cabinet Company, Swanton, Ohio. Combined article container and display cabinet. 108,345; Feb. 8.
Pono, Marie, New York, N. Y. Dress. 108,401; Feb. 8.
Pool, Noel E., and F. N. Curby, Salt Lake City, Utah. Combined lamp base and radio. 108,402; Feb. 8.
Rabito, Anthony, Elmhurst, N. Y., assignor to The State of Vermont. Tax stamp or similar article. 108,384; Feb. 8.
Rauschenberg, Gerhardt H., Dalton, Ga. Bedspread. 108,403; Feb. 8.
Rosenan Bros. Inc. (See Mullen, Mary, assignor.)
Rubinstein, Helena, Inc. (See Kane, Martine, assignor.)
Ruchman, Albert, New York, N. Y. Embroidered fabric. 108,413; Feb. 8.
Schelawald, Martin H., New York, N. Y. Sweater. 108,404; Feb. 8.
Schelhammer, Herman J., Whitestone, assignor to American Hard Rubber Company, New York, N. Y. Comb. 108,347; Feb. 8.
Schelhammer, Herman J., Whitestone, assignor to American Hard Rubber Company, New York, N. Y. Comb. 108,348; Feb. 8.
Sears, Roebuck and Co. (See Morgan, John R., assignor.)
Seeburg Radio Corporation. (See Miller, Nels A., assignor.)
Sieber, Arthur E., Haledon, N. J. Building. 108,340; Feb. 8.
Silverman, Jacob A., New York, N. Y. Suit ensemble. 108,405; Feb. 8.
Silverman, Jacob A., New York, N. Y. Suit. 108,406; Feb. 8.
Silverman, Jacob A., New York, N. Y. Coat. 108,407; Feb. 8.
State of Vermont, The. (See Rabito, Anthony, assignor.)
Sterman, Florence B., New York, N. Y. Textile fabric. 108,408; Feb. 8.
Sweeney, Joseph L., New York, N. Y., and R. L. Chipman, Jr., Montclair, N. J., assignors to Bates Laboratories, Inc., New York, N. Y. Portable typewriter. 108,350; Feb. 8.
Sweeney, Joseph L., New York, N. Y., and R. L. Chipman, Jr., Montclair, N. J., assignors to Bates Laboratories, Inc., New York, N. Y. Portable typewriter. 108,351; Feb. 8.
Turpan, Mark, West New York, N. J. Textile fabric. 108,414; Feb. 8.
Turpan, Mark, West New York, N. J. Textile fabric. 108,415; Feb. 8.
Turpan, Mark, West New York, N. J. Textile fabric. 108,416; Feb. 8.
Underwood Elliott Fisher Company. (See Anderson, Walter A., assignor.)
United States Glass Company. (See Kelly, Robert A., assignor.)
Weirich, Clarence L., assignor to The C. B. Dolge Company, Westport, Conn. Foot bath tray. 108,352; Feb. 8.
White Motor Company, The. (See de Sakhnoffsky, Alexis, assignor.)
Young Engineering Laboratories, Inc. (See Young, Serenus H. A., assignor.)
Young, Serenus H. A., St. Paul, assignor to Young Engineering Laboratories, Inc., Minneapolis, Minn. Bottle cap. 108,353; Feb. 8.
Zahn, Samuel, New York, N. Y. Dress. 108,410; Feb. 8.
Zahn, Samuel, New York, N. Y. Dress. 108,411; Feb. 8.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 8TH DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abbott, John T., Chicago, Ill. Power developing unit for automotive vehicles. 2,107,844; Feb. 8.
Adams, Joy C., Bridgeport, Conn., assignor to General Electric Company. Coffee maker. 2,107,923; Feb. 8.
Adams, Joy C., Bridgeport, Conn., assignor to General Electric Company. Coffee maker. 2,107,924; Feb. 8.
Adams, Wilbur H. (See Ree, M. E., and Adams.)
Addicks, Christian J. (See Jenkins, R. J., and Addicks.)
Adlake Company, The. (See Verhagen, Christian M., assignor.)
Agfa Ansco Corporation. (See Koslowsky, Robert, assignor.)
Aghito, Marco, Torino, Italy. Safety razor. 2,107,358; Feb. 8.
Ahrens-Fox Fire Engine Company. (See Fox, Charles H., assignor.)
Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Johnson, Bror E., assignor.)
Aktieselskapet Per Kure, Norsk Motor & Dynamofabrik. (See Morseth, Leif, assignor.)
Albert, Carl, Wuppertal-Barmen, Germany. Ash receptacle. 2,107,845; Feb. 8.
Allen, Edward B., deceased, by J. W. Allen, administratrix, Newtown, M. D. Knox, Devon, and H. C. Faulkner, Long Hill, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Buttonhole sewing machine. 2,107,270; Feb. 8.
Allen, Edward B., deceased, by J. W. Allen, administratrix, Newtown, M. D. Knox, Devon, and H. C. Faulkner, Long Hill, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Zigzag stitch-forming mechanism for sewing machines. 2,107,271; Feb. 8.
Allen, Josephine W., administratrix. (See Allen, E. B., Knox, and Faulkner.)
Altenburger, Ernst, assignor to Manser-Werke A.-G., Oberndorf on the Neckar, Germany. Barrel-holding device for automatic pistols. 2,107,350; Feb. 8.
Altwegg, Hans, and A. Eichler, Freiburg, Germany, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Obtaining crepe effects on fabrics. 2,107,657; Feb. 8.
Aluminum Company of America. (See Turner, C. O., and Weigel, assignors.)
Aluminum Company of America. (See Work, H. K., and Testerud, assignors.)
Amdur, Leon H., Brooklyn, N. Y. Printing and device therefor. 2,107,272; Feb. 8.
Amdur, Leon H., Brooklyn, N. Y. Printing method and machine. 2,107,273; Feb. 8.
American Brake Shoe and Foundry Company, The. (See Ratkowski, Thomas A., assignor.)
American Can Company. (See Strickler, John C., assignor.)
American Optical Company. (See Tillyer, Edgar D., assignor.)
American Platinum Works. (See Streicher, Johann S., assignor.)
American Rolling Mill Company, The. (See Long, Paul H., assignor.)
American Rolling Mill Company, The. (See Moyer, S. P., and Long, assignors.)
American Stay Company. (See Presby, Leroy Q., assignor.)
American Telephone and Telegraph Company. (See Edwards, Paul G., assignor.)
American Telephone and Telegraph Company. (See Potter, Ralph K., assignor.)
Anchor Post Fence Company. (See Smoot, Theophilus H., assignor.)
Andersen, Carl N., Watertown, Mass., assignor to Lever Brothers Company. Organic mercury compounds. 2,107,321; Feb. 8.
Anderson, Adolph G., and J. I. Kibbe, Muskegon, assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Centrifugal casting machine. 2,107,322; Feb. 8.
Anderson Company, The. (See Boddy, Leonard, assignor.)
Anderson, Howard P., Erie, Pa., assignor to The Standard Stoker Company, Inc. Fuel distributing mechanism. 2,107,622; Feb. 8.
Anderson, Swan F., Rockford, Ill. Filling machine. 2,107,274; Feb. 8.
Anderson, William T., Eggertsville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vertical coating equipment. 2,107,276; Feb. 8.
Anderson, William T., Eggertsville, and J. M. Henry, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Drying equipment. 2,107,275; Feb. 8.

Antrim, William D., Gloucester, N. J., and A. W. Schlemmer, assignors to Roberts & Mander Stove Company, Philadelphia, Pa. Cooking stove. 2,107,972; Feb. 8.
Archibald, Francis E., Elizabeth, N. J., assignor to Standard Alcohol Co. Purifying alcohols by removing the oily impurities. 2,107,265; Feb. 8.
Armour and Company. (See Pool, William O., assignor.)
Armour and Company. (See Ralston, A. W., and Christensen, assignors.)
Arndt, Friedrich. (See Klaar, A., Arndt, and Berning.)
Aronson, Louis V., Newark, N. J., assignor to Art Metal Works, Inc. Pyrophoric lighting mechanism. 2,107,658; Feb. 8.
Art Metal Works, Inc. (See Aronson, Louis V., assignor.)
Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition control apparatus. 2,107,266; Feb. 8.
Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel construction. 2,107,925; Feb. 8.
Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. (See Blasig, Kurt, assignor.)
Askania-Werke A. G. vormals Central Werkstatt, Dessau und Carl Bamberg-Friedenau. (See Wunsch, G., and Hartung, assignors.)
Asmussen, Heinrich, Berlin-Steglitz, and J. Riess, Berlin, Germany, assignors to General Electric Company. Method of and apparatus for severing into lengths coiled filament wire. 2,107,926; Feb. 8.
Astrom, Carl P., East Orange, N. J. Ladle. 2,107,267; Feb. 8.
Atkinson, Ralph W., Perth Amboy, N. J., assignor to General Cable Corporation, New York, N. Y. Metal extrusion press and operation. 2,107,846; Feb. 8.
Atlantic Refining Company, The. (See Ferris, Seymour W., assignor.)
Aurex Corporation. (See Huth, Walter H., assignor.)
Austin, Miner M., Highland Park, Ill., assignor to Fansteel Metallurgical Corporation. Tantalum recovery. 2,107,277; Feb. 8.
Automatic Drive & Transmission Company. (See Morton, W. D., and Haupt, assignors.)
Automatic Telephone & Electric Company Limited. (See Smith, Sidney R., assignor.)
Automotive Devices Corporation. (See Farrell, Joseph E., assignor.)
Automotive Maintenance Machinery Co. (See Zimmerman, Herman W., assignor.)
Automotive Products Company Limited. (See Trapp, George J., assignor.)
Avery Engineering Company. (See Avery, L. T., and Lenane, assignors.)
Avery, Lester T., Shaker Heights, and H. Lenane, Euclid Village, assignors to Avery Engineering Company, Cleveland, Ohio. Apparatus for conditioning air. 2,107,268; Feb. 8.
Axe, Roy T., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Window frame and sash unit. 2,107,773; Feb. 8.
Axe, Roy T., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Sash holder mechanism. 2,107,774; Feb. 8.
Axe, Roy T., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Window construction. 2,107,775; Feb. 8.
B. B. Chemical Co. (See Macdonald, Alexander D., assignor.)
Babcock & Wilcox Company, The. (See Wilson, Lincoln B., assignor.)
Bahan, William H., Greenville, S. C. Bobbin holder. 2,107,847; Feb. 8.
Bajon, Adolphe, assignor to Societe Anonyme "Transformateurs de Mesure E. Walter", Gentilly, France. Electric transformer for high tension. 2,107,973; Feb. 8.
Baker, Herbert K., Kokomo, Ind. Forming expanded metal. 2,107,278; Feb. 8.
Balke, Clarence W. and C. C., Highland Park, assignors to Fansteel Metallurgical Corporation, Chicago, Ill. Production of refractory metals and alloys. 2,107,279; Feb. 8.
Balke, Claire C. (See Balke, Clarence W. and C. C.)
Ballard, John E., San Francisco, Calif., assignor to G. Von Seebock, Syndicate Manager of Duo-Syndicate, New York, N. Y. Air cooling apparatus. 2,107,280; Feb. 8.
Ball, Joseph A., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Motion picture camera drive. 2,107,623; Feb. 8.
Balloffet Dies & Nozzle Co. (See Davis, John H., assignor.)

Bancroft, Albert F., West Newton, assignor to Bancroft-Walker Company, Waltham, Mass. Shoe heel and making same. 2,107,776; Feb. 8.
Bancroft-Walker Company. (See Bancroft, Albert F., assignor.)
Bangs, Ralph C., Providence, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Monogram construction. 2,107,684; Feb. 8.
Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Control system. 2,107,927; Feb. 8.
Barker, Lyle M. (See Fowler, M. G., and Barker.)
Barnes, John B., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,107,269; Feb. 8.
Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Circuit controlling device. 2,107,848; Feb. 8.
Batie, Joseph E., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Apparatus for forming molds. 2,107,928; Feb. 8.
Bassoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Splitting machine. 2,107,281; Feb. 8.
Beardsley, Osmer G., South Bend, Ind. Coupling for combined motor cars and trailers. 2,107,881; Feb. 8.
Beaulieu, Oliver. (See Van Buskirk, William H., assignor.)
Bebry, Percy P., Brookline, Mass. Couch. 2,107,882; Feb. 8.
Bécheresu, Louis, and R. Carrouée, Paris, France. Shock absorber. 2,107,974; Feb. 8.
Bechtold, Reuben E., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Interlocking mechanism for gasoline dispensers. 2,108,028; Feb. 8.
Beck, Adolf, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Remelting and refining magnesium and light metal alloys containing magnesium. 2,107,282; Feb. 1.
Beck, Blanche, et al. (See Beck, Clarence E., assignor.)
Beck, Clarence E., assignor of forty-seven per cent to A. T. Hanby, eight per cent to B. Beck, and five per cent to J. H. Taft, Philadelphia, Pa. Carbonated beverage. 2,107,550; Feb. 8.
Beck, Koller & Company. (See Jarl, C. H. B., and Hovey, assignors.)
Beggs, Richard O., Arp, Tex. Shut-off valve. 2,107,975; Feb. 8.
Behrens, Teodoro A., King's Cross, London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Alternating current control apparatus. 2,107,360; Feb. 8.
Bell, James H. (See Dinley, Clarence F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Busch, Aloysius J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Goff, Harold W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Harley, John B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hearn, Richard B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Johnston, Donald F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kendall, B. W., and Mitchell, assignors.)
Bell Telephone Laboratories, Incorporated. (See Kinsley, Thomas G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mattke, Charles F., assignor.)
Beloit Iron Works. (See Berry, E. E., Hornbostel, and Goodwillie, assignors.)
Bendix Aviation Corporation. (See Bock, Clarence H., assignor.)
Bendix Products Corporation. (See Whittington, Ralph S., assignor.)
Benedek, Elek K., Bucyrus, Ohio. Hydraulic weighing scale. 2,107,883; Feb. 8.
Bennett Fittings. (See Franck, Robert P., assignor.)
Bennett, Arthur H., Logansport, Ind. Brake. 2,107,685; Feb. 8.
Benson, Edward E., assignor of one-half to E. P. Smith, Providence, R. I. Storm window. 2,107,929; Feb. 8.
Bent, Franklin A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of hydrated olefines. 2,107,515; Feb. 8.
Benton, James T., Spokane, Wash. Antifogging composition. 2,107,361; Feb. 8.
Berger, Mannie, Plainfield, N. J. Partition system. 2,107,624; Feb. 8.
Bergstrom, Carl V., Milwaukee, Wis. Reflector. 2,107,362; Feb. 8.
Berning, Helmut. (See Klaar, A., Arndt, and Berning.)
Berry, Earl E., L. Hornbostel, and J. E. Goodwillie, assignors to Beloit Iron Works, Beloit, Wis. Suction roll. 2,107,812; Feb. 8.
Best, Clarence A., New Albany, Ind. Folding chair. 2,107,813; Feb. 8.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,107,593; Feb. 8.
Bethlehem Steel Company. (See Miller, Louis G., assignor.)
Bettis, William I., Los Angeles, assignor to E. B. Kleaver, Burbank, Calif. Gas separator. 2,107,625; Feb. 8.
Bickness, Frank, Worthington, Minn. Pole bracket and insulator. 2,107,594; Feb. 8.
Biemenfeld, Morris, Brooklyn, N. Y. Girdle. 2,107,849; Feb. 8.
Bilhuber, E., Inc. (See Schenck, Gerhard, assignor.)
Bilhuber, Paul H., Douglaston, assignor to Steinway & Sons, New York, N. Y. Soundboard for pianos. 2,107,650; Feb. 8.
Billand, Carl, Kaiserslautern/Rheinpfalz, Germany. Molding by sand-blowing. 2,107,814; Feb. 8.
Binder, Anna, Buchau, Germany. Climbing device for skis. 2,107,363; Feb. 8.
Binks Manufacturing Company. (See Bramsen, S., and Wahlin, assignors.)
Binks Manufacturing Company. (See Gustafsson, E., and Wahlin, assignors.)
Birmingham, Thomas F., Hammond, Ind., assignor to The Superheater Company, New York, N. Y. Welding fins to tubes. 2,107,435; Feb. 8.
Bishop, John C., Savannah, N. Y. Trouser clip for clasp. 2,107,516; Feb. 8.
Bishop, John C., Savannah, N. Y. Antiskid. 2,107,517; Feb. 8.
Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Signal casing. 2,107,777; Feb. 8.
Bitting, Incorporated. (See Keller, Harry H., assignor.)
Blasig, Kurt, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. Measuring and indicating apparatus. 2,107,976; Feb. 8.
Bloomer Bros. Company. (See Inman, William H., assignor.)
Bludalk, Inc. (See Heinselmann, Alphonse A., assignor.)
Boatner, Howell, Springfield, Mo. Dental articulator. 2,107,283; Feb. 8.
Bock, Clarence H., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Service apparatus. 2,107,850; Feb. 8.
Boddy, Leonard, Ann Arbor, Mich., assignor to The Anderson Company, Gary, Ind. Electrical indicating system and apparatus. 2,107,560; Feb. 8.
Boehm, Frederick E., Toledo, Ohio. Coloring of butter substitute. 2,107,851; Feb. 8.
Bolton, Elmer K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sizing fabric. 2,107,852; Feb. 8.
Bone, Hugh M., and R. C. Williams, Columbus, assignors, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Method and product for treating glass wool. 2,107,284; Feb. 8.
Borg, Ernest M. R., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,107,364; Feb. 8.
Borg, George W., Corporation. (See Hobbs, John W., assignor.)
Borg-Warner Corporation. (See Buchanan, John C., assignor.)
Borg-Warner Corporation. (See Ingersoll, Roy C., assignor.)
Borg-Warner Corporation. (See Nutt, H., and Reed, assignors.)
Borg-Warner Corporation. (See Reed, Harold V., assignor.)
Borg-Warner Corporation. (See Swenson, Carl E., assignor.)
Borggard, Clarence S., Somerville, Mass. Hand truck conveyer. 2,107,465; Feb. 8.
Börner, Karl. (See Roesner, E., Börner, Mahn, and Irion.)
Bosshard, John J., Chicago, assignor, to Brasco Manufacturing Company, Harvey, Ill. Store front construction. 2,107,323; Feb. 8.
Boston Wire Stitcher Company. (See Cavanagh, John F., assignor.)
Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Pressure indicator. 2,107,595; Feb. 8.
Bourdon, Pierre M., Paris, assignor to Michelin et Cie., Clermont-Ferrand, France. Pressure compensating device for multiple gas chambers. 2,107,596; Feb. 8.
Boussel, André. (See Sutter, C., and Boussel.)
Bouwers, Albert and J. H. van der Tuuk, assignors, by mesne assignments, to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. High voltage discharge tube. 2,107,597; Feb. 8.
Bowlby, Walter D., Meriden, N. H. Stable film-forming material and making same. 2,108,001; Feb. 8.
Bown, Samuel, St. Louis County, assignor to International Shoe Company, St. Louis, Mo. Boot or shoe and making the same. 2,107,725; Feb. 8.
Boyle, James C., Cincinnati, Ohio. Dispensing cap. 2,107,324; Feb. 8.
Bradley, Albert F., assignor to Northwestern Barb Wire Company, Sterling, Ill. Apparatus for making wire products. 2,107,745; Feb. 8.
Bradley, Leo C. (See Skinner, C. D., and Bradley.)
Brameen, Svend, and F. Wahlin, assignor to Binks Manufacturing Company, Chicago, Ill. Spray gun for spraying fabrics. 2,107,686; Feb. 8.
Brameen, Svend, and F. Wahlin, assignors to Binks Manufacturing Company, Chicago, Ill. Spray gun. 2,107,726; Feb. 8.
Brandt, John W., and A. J. Linder, assignors to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle. 2,107,561; Feb. 8.
Brasco Manufacturing Company. (See Bosshard, John J., assignor.)

Braun, John L., Tonawanda, and K. S. Shickluna, assignors of one-third to F. C. Boatl, Buffalo, N. Y. Traffic signal. 2,107,930; Feb. 8.
Bray, William N., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Heating apparatus suitable for use in shoemaking. 2,107,365; Feb. 8.
Brien, Bailey P., Chattanooga, Tenn. Block floor section. 2,107,854; Feb. 8.
Brodie, Ralph N., Company. (See Granberg, Albert J., assignor.)
Brolly, Archibald H., Palo Alto, Calif., assignor to Farnsworth Television Incorporation. Generating a pulse in a cathode ray tube. 2,107,778; Feb. 8.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Bobbing changing loom. 2,107,466; Feb. 8.
Brown, Charles W., Middlebore, Mass. Method of and apparatus for electrically cooking frankfurters and other articles. 2,107,931; Feb. 8.
Brown, Henry. (See Soderberg, K. G., and Brown.)
Brown, William, Detroit, Mich. Method and apparatus for producting felted fiber insulation. 2,107,779; Feb. 8.
Brown, William E., Oakland, Calif. Door latch. 2,107,687; Feb. 8.
Browner, Cecil M., Beaumont, Calif. Tunnel mucking apparatus. 2,107,688; Feb. 8.
Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Organic compounds containing ether and thio ether linkages. 2,107,366; Feb. 8.
Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Polysulphonates of aromatic polyalkylene ethers. 2,107,367; Feb. 8.
Buchanan, John C., Detroit, Mich., assignor to Borg-Warner Corporation. Refrigerating apparatus. 2,107,562; Feb. 8.
Buffalo Brake Beam Company. (See Busch, Charles R., assignor.)
Buffalo Electro-Chemical Company. (See Kauffmann, Hans O., assignor.)
Bugatti, Ettore, Molsheim, France. Power transmitting mechanism for vehicles and especially railroad vehicles. 2,107,689; Feb. 8.
Buhler, Henry W., Gloucester, Mass. Finishing welt. 2,107,467; Feb. 8.
Bull, Cabot S. (See Shoemberg, L., Bull, and Rodda.)
Bull, Cabot S., Hillingdon, and S. Rodda, Enfield, assignors to Electric and Musical Industries Limited, Middlesex, England. Electron discharge device. 2,107,518; Feb. 8.
Bulldog Electric Products Company. (See Frank, Harrison J. L., assignor.)
Burroughs Adding Machine Company. (See Pasinski, Walter J., assignor.)
Burton, John, Edgbaston, Birmingham, England. Scaffolding coupling. 2,107,407; Feb. 8.
Busch, Aloysius J., Bellerose, assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Relay circuit. 2,107,746; Feb. 8.
Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake shoe key. 2,107,521; Feb. 8.
Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Matching the impedance of a load to a source of power. 2,107,408; Feb. 8.
Buterworth, Samuel D., and S. M. Nampa, Detroit, Mich., assignors of ninety-nine per cent to The Worth Company and one per cent to said Samuel D. Butterworth. Car loading device. 2,107,932; Feb. 8.
Caggiano, Gertrude M., Ozone Park, N. Y. Curtain tieback device. 2,107,585; Feb. 8.
Calco Chemical Company, The. (See Pinco, Orrin W., assignor.)
Callen, Frank J., Clanton, Ala. Paper money counting mechanism. 2,107,977; Feb. 8.
Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Camshaft. 2,107,747; Feb. 8.
Campbell, Wyant & Cannon Foundry Company. (See Anderson, A. G., and Kibbe, assignors.)
Campbell, Wyant & Cannon Foundry Company. (See Campbell, Donald J., assignor.)
Canuteson, Irving L., Beaumont, Tex., assignor to Precision Scientific Company, Chicago, Ill. Temperature measuring device. 2,107,468; Feb. 8.
Caracristi, Virginius E., Brookville, assignor to The Superheater Company, New York, N. Y. Locomotive superheater. 2,107,615; Feb. 8.
Carolina Dyeing and Winding, Incorporated. (See James, E. F., and Hemick, assignors.)
Carpenter, Charles E., Chicago, Ill. Doughnut cooking machine. 2,107,325; Feb. 8.
Carrouée, René. (See Béchereau, L., and Carrouée.)
Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,107,469; Feb. 8.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well bit. 2,107,626; Feb. 8.
Catland, Alfred C., Alhambra, Calif. Well bit construction. 2,107,627; Feb. 8.
Cavanagh, John F., Providence, R. I., assignor to Boston Wire Stitcher Company, Portland, Me. Fastener-applying device. 2,107,522; Feb. 8.
Celanese Corporation of America. (See Hale, F. C., and Yeadon, assignors.)
Celanese Corporation of America. (See Jones, J. E., and Johnston, assignors.)
Celanese Corporation of America. (See Platt, Herbert, assignor.)
Celluloid Corporation. (See Salemme, William, assignor.)
Ceskoslovenska Zbrojovka, a. s., Brno. (See Holek, František, assignor.)
Ceskoslovenská Zbrojovka a. s. Brno. (See Rolčík, Miroslav, assignor.)
Chambers, Bering, Quinlan Company. (See Cooper, Earl E.)
Chan, T. Y. (See Yu, Chan Ting.)
Chandlee Corporation, The. (See Jenkins, R. J., and Addicks, assignors.)
Chesler, Isidor, New York, N. Y., assignor to Eagle Pencil Company. Mechanical pencil. 2,107,816. Feb. 8.
Chicago Flexible Shaft Company. (See Nelson, John W., assignor.)
Chicago Pneumatic Tool Company. (See Davenport, Ransom W., assignor.)
Chott, Edward L., assignor of one-half to H. J. Chott, Chicago, Ill. Dispensing cap. 2,107,563; Feb. 8.
Chott, Hugo J. (See Chott, Edward L., assignor.)
Christensen, Carl W. (See Ralston, A. W., and Christensen.)
Christensen, Norman V., Chicago, and H. Hacklander, Tinley Park, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,107,368; Feb. 8.
Cichocki, Joseph, Woodhaven, N. Y. Adjustable shelving. 2,107,660; Feb. 8.
Cincinnati Advertising Products Company, The. (See Mattman, Gustave F., assignor.)
Clark, Claude J., Young, Ariz. Windmill. 2,107,690; Feb. 8.
Cleveland Brass Manufacturing Company, The. (See Roach, Nathan, assignor.)
Cleveland Tungsten Manufacturing Company. (See Oberdick, Luther E., assignor.)
Clorius, Odin T., Copenhagen, Denmark. Evaporation meter. 2,107,628; Feb. 8.
Coe, Elbert H., Warners, N. Y. Building structure. 2,107,523; Feb. 8.
Coffey, George E., assignor to H. S. Russell, Chicago, Ill. Floor rack. 2,107,853; Feb. 8.
Cohn, Adolph H., assignor, by mesne assignments, to E. Karfiol, Great Neck, and L. A. Voltter, New York, N. Y. Ornamental product. 2,107,748; Feb. 8.
Cohn & Rosenberger, Inc. (See Bangs, Ralph C., assignor.)
Coleman Lamp and Stove Company, The. (See Olds, Ambrose D., assignor.)
Colson Corporation, The. (See Roe, M. E., and Adams, assignors.)
Colvin, William, Jr., Troy, N. Y. Rug or carpet. 2,107,598; Feb. 8.
Comalan, Incorporated. (See Corser, Lawrence E., assignor.)
Conn, C. G., Ltd. (See Platz, Ford D., assignor.)
Conner, James E. (See Smith, C. H., and Conner.)
Connor, Kirke W., Detroit, Mich., assignor to Micromatic Hone Corporation. Honing. 2,108,029; Feb. 8.
Consolidated Iron-Steel Manufacturing Company of 1932. (See Hamlin, Walter E., assignor.)
Constantine, Arthur R., River Forest, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Ice tray supporting and releasing means. 2,107,285; Feb. 8.
Conti, Frank C. (See Braun, J. L., and Shickluna, assignors.)
Continental Can Company. (See Kronquest, Alfred L., assignor.)
Cookson, Clarence F., Shelton, Conn. Game board. 2,107,326; Feb. 8.
Cooper, Earl E., assignor to Chambers, Bering, Quinlan Company, Decatur, Ill. Faucet. 2,107,727; Feb. 8.
Cooper, Irving B., Allendale, N. J. Vehicle body construction. 2,107,854; Feb. 8.
Corcoss Conversion Corporation. (See Rowland, H. R., and Smith, assignors.)
Corser, Lawrence E., Cortland, assignor, by mesne assignments, to Comalan, Incorporated, Homer, N. Y. Block keying system. 2,107,691; Feb. 8.
Coyle, John W. (See Noll, Harry R., assignor.)
Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,107,680; Feb. 8.
Crawford, James M., Detroit, and H. A. Schwager, Royal Oak, assignors to General Motors Corporation, Detroit, Mich. Ignition distributor. 2,107,470; Feb. 8.
Creed, Frederick G., Addiscombe, Croydon, England. Floating station. 2,107,856; Feb. 8.
Creighton, Thomas A., Long Beach, assignor of one-half to J. C. Wright, Los Angeles, Calif. Cementing well casings. 2,107,327; Feb. 8.
Crockett, Robert A., and R. H. Crockett, Cincinnati, Ohio. Heating system and method. 2,107,933; Feb. 8.
Crockett, Robert H. (See Crockett, Robert A., and R. H.)

Crombie, George, Sr., assignor to The Stearns-Roger Manufacturing Company, Denver, Colo. Fire wall construction. 2,107,524; Feb. 8.
Crosley Radio Corporation, The. (See Willging, Louis F., assignor.)
Crossley, Arthur, Bolton, England. Solid plaited material. 2,107,661; Feb. 8.
Croucher, Harry J. S., Farnham, England. Jig for use in metaling bearings. 2,107,978; Feb. 8.
Crouse-Hinds Company. (See Bissell, Carl H., assignor.)
Crowley, H. S., Lowell, and R. J. Wilkie, Newton, Mass. Sectional roll. 2,107,471; Feb. 8.
Cunniff, Ivy. (See Singleton, John C., assignor.)
Cunningham, John P., Kingman, Ariz. Rock or earth drill bit. 2,107,286; Feb. 8.
Curran, Alton F., assignor to The Curran Corporation, Malden, Mass. Liquid degreasing composition. 2,107,287; Feb. 8.
Curran, Alton F., assignor to The Curran Corporation, Malden, Mass. Liquid composition for degreasing surfaces and process of preparation. 2,107,288; Feb. 8.
Curran Corporation, The. (See Curran, Alton F., assignor.)
Curtis, Earl W., Canton, Ohio. Apparatus for the manufacture of pretzels. 2,107,749; Feb. 8.
Cutler, Philip, New York, N. Y. Convertible couch. 2,107,728; Feb. 8.
Dallas, Constance H., Chestnut Hill, Pa. Adjustable chair leg extension. 2,107,629; Feb. 8.
Daman, Arthur C. (See Denny, J. J., and Daman.)
Damsiger, Harold I., Westwood, N. J., and A. Di Giacomo, New York, N. Y.; said Di Giacomo assignor to said Damsiger. Electrolytic condenser body and making the same. 2,107,780; Feb. 8.
Darby, J. F. (See Porter, Albert N., assignor.)
Darme, John M. G., Carrol Park, Pa. Gas keeper. 2,107,600; Feb. 8.
Darrah, William A., Chicago, Ill. Oxidation. 2,108,030; Feb. 8.
Dartmouth College, Trustees of the. (See Ogle, Kenneth N., assignor.)
Davenport, Ransom W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Refrigerating system. 2,107,887; Feb. 8.
Davis, Jack I., assignor to Sidney Ludwig, Chicago, Ill. Inter-office communication system. 2,107,817; Feb. 8.
Davis, John H., Ridgewood, assignor to Balloffet Dies & Nozzle Co., Inc., Guttenberg, N. J. Nozzle. 2,107,601; Feb. 8.
Davis, Kenneth, Edensburg, Pa., assignor, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Process and mechanism for separating intermixed divided materials. 2,107,602; Feb. 8.
Dawson, Aaron G. (See Groeschel, S. C., and Dawson.)
Dayton Malleable Iron Company, The. (See Runyan, W. B., and Langenheim, assignors.)
Dayton Malleable Iron Company, The. (See Smith, Charles J., assignor.)
Dean, Irving, Rockaway Beach, N. Y. Illuminating device for bathroom scales. 2,107,888; Feb. 8.
De Bieux, Earl V., Pittsfield, Mass., assignor to General Electric Company. Parallel multianode transformer connection. 2,107,934; Feb. 8.
De Boer, Jan H. (See Teves, M. C., and de Boer.)
De Botelho, Martin, New York, N. Y. Device for closing a bag. 2,107,692; Feb. 8.
Deere & Company. (See White, Charles H., assignor.)
Deere, John, Tractor Company. (See McCormick, E., Stewart, and Worthington, assignors.)
Del-Mac Shoe Process Corporation. (See Quinn, Edward, assignor.)
Delvinlotti, Paris, France. Clockwork system. 2,108,010; Feb. 8.
Denison, Alvina M., administratrix. (See Denison, James H.)
Denison, James H., deceased, by A. M. Denison, administratrix, Hartford, Conn. Selective control mechanism for radio sets. 2,107,472; Feb. 8.
Denny, John J., Schumacher, and A. C. Daman, Denver, Colo., assignors, by mesne assignments, to Mining Process and Patent Company. Concentration of minerals. 2,107,239; Feb. 8.
Denovan, Robert A., Asbestos, Quebec, Canada. Horizontal vibrating screen. 2,107,729; Feb. 8.
Derby, John H., Scarsdale, N. Y. Fire detecting and alarm mechanism. 2,107,525; Feb. 8.
De Turk, Lewis L. (See Heffner, H. F., and De Turk.)
Dichter, Jakob, Berlin-Schoneberg, Germany. Apparatus for forming screw-threaded necks. 2,107,979; Feb. 8.
Dickey, Edward A., Aliquippa, Pa. Hydraulic brake. 2,107,564; Feb. 8.
Dickey, Joseph B. (See McNally, J. G., and Dickey.)
Dietrich, Werner, assignor to Roberts and Schaefer Company, Chicago, Ill. Coaling gate for locomotives. 2,107,781; Feb. 8.
Dietzler, Andrew J. (See Perkins, R. P., and Dietzler.)
Di Giacomo, Aniello. (See Dansiger, H. L., and Di Giacomo.)
Disley, Clarence F., Detroit, Mich., assignor to James H. Bell, Philadelphia, Pa. Apparatus for treating things with volatile solvents. 2,107,360; Feb. 8.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,107,370; Feb. 8.
Domber, Joseph, Bronx, assignor to Peerless Sample Card Co., Inc., New York, N. Y. Sample card. 2,107,730; Feb. 8.
Donnan, Earl H., assignor of one-half to O. J. Heft, Chestnut, Ill. Stock loading chute. 2,107,371; Feb. 8.
Dorr Company, The. (See Russell, William S., assignor.)
Dougherty, John M., St. Louis, Mo. Vacuum pump. 2,107,880; Feb. 8.
Dow Chemical Company, The. (See Dressel, G. F., and Short, assignors.)
Dow Chemical Company. (See Perkins, R. P., and Dietzler, assignors.)
Dow Chemical Company, The. (See Smith, F. B., and Livak, assignors.)
Draper Corporation. (See Brown, Carl D., assignor.)
Dressel, Grayton F., Wilmington, N. C., and C. E. Short, assignors to The Dow Chemical Company, Midland, Mich. Preparation of ethylene bromide. 2,108,011; Feb. 8.
Drexler, Samuel, assignor to M. S. Harrison and E. Spector, doing business under the firm name and style of Bilt-Rite Baby Carriage Co., Brooklyn, N. Y. Baby carriage bed. 2,107,855; Feb. 8.
Dreyer, John F., Jr., Brooklyn, N. Y., assignor to Radio Corporation of America. Automatic volume control circuits. 2,107,409; Feb. 8.
Dreyer, John F., Jr., Brooklyn, N. Y., assignor to Radio Corporation of America. Automatic gain control circuit. 2,107,410; Feb. 8.
Dreyfus, Henry, London, England. Treatment of textile and other materials. 2,107,526; Feb. 8.
Driver-Harris Company. (See Rogers, Owen A., assignor.)
Dunford, Ernest, assignor to Landis Machine Company, St. Louis, Mo. Sanding wheel. 2,107,411; Feb. 8.
Duo-Syndicate. (See Ballard, John R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Altwegg, H., and Eichler, assignors.)
Du Pont, E. I., de Nemours & Company. (See Anderson, William T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Anderson, W. T., and Henry, assignors.)
Du Pont, E. I., de Nemours & Company. (See Bolton, Elmer K., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hyden, W. L., and Fonda, assignors.)
Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Lulek, assignors.)
Du Pont, E. I., de Nemours & Company. (See Stallmann, Otto, assignors.)
Eagle Pencil Company. (See Chesler, Isidor, assignor.)
Eastman Kodak Company. (See McNally, J. G., and Dickey, assignors.)
Ebert, Joseph, Westmont, N. J., assignor to The Farastan Company, Philadelphia, Pa. Salt of ortho hydroxy quinoline. 2,107,856; Feb. 8.
Edenburg, Josef, Vienna, Austria. Friction wheel pocket lighter. 2,107,372; Feb. 8.
Edlund, Karl R. (See Evans, T., and Edlund.)
Edwards, O. M., Company Inc., The. (See Axe, Roy T., assignor.)
Edwards, Paul G., Verona, N. J., assignor to American Telephone and Telegraph Company. Apparatus for converting continuous motion into interrupted motion. 2,107,373; Feb. 8.
Eichler, Armin. (See Altwegg, H., and Eichler.)
Eisler, Joseph D., assignor to Western Geophysical Company, Los Angeles, Calif. Oscillograph apparatus. 2,108,012; Feb. 8.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Projecting apparatus and system. 2,107,290; Feb. 8.
Electric and Musical Industries Limited. (See Bull, C. S., and Rodda, assignors.)
Electric Storage Battery Company, The. (See Hall, Clarence A., assignor.)
Electrical and Musical Industries Limited. (See Shoenberg, I., Bull, and Rodda, assignors.)
Elian, John, Paris, France. Preparing iron and steel. 2,107,980; Feb. 8.
Ellenburg, Sanford J., Berkeley, assignor to Handy-Roll Company, Oakland, Calif. Roll tape container. 2,107,603; Feb. 8.
Elliott, William E., Youngstown, Ohio. Composition and method for the treatment of hydrocarbon emulsions. 2,107,473; Feb. 8.
Elsner, Johann, Mistek, Czechoslovakia. Textile drafting apparatus. 2,107,818; Feb. 8.
Emmett, Paul H., Washington, D. C., assignor to H. A. Wallace, Secretary of Agriculture of the United States of America. Oxidising phosphorus. 2,107,857; Feb. 8.
Enss, Johann, and M. Hüniger, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Ultraviolet transmitting glasses. 2,107,935; Feb. 8.
Erbach, Frederick R., Beloit, assignor, by mesne assignments, to Nash Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,107,630; Feb. 8.
Erwin, Weldon C., Huntington Park, assignor to J. Grant, Los Angeles, Calif. Well cleaning system. 2,107,631; Feb. 8.
Evans, Theodore, Oakland, and K. R. Edlund, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Concentrating organic acids. 2,107,527; Feb. 8.

Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Receptacle cleaning and filling machine. 2,107,474; Feb. 8.
Ewald, Heinrich K. F., Chemnitz, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges. Schonau-Chemnitz, Germany. Device for calculating machines, accounting machines, writing and like machines. 2,107,374; Feb. 8.
Faber, Ernst, Stuttgart, Germany. Vacuum cleaner. 2,107,619; Feb. 8.
Fansteel Metallurgical Corporation. (See Austin, Miner M., assignor.)
Fansteel Metallurgical Corporation. (See Balke, Clarence W., and C. C., assignors.)
Farastan Company, The. (See Ebert, Joseph, assignor.)
Farmer, Trester B. (See Biggs, C. A., and Farmer.)
Farnsworth, Philo T., San Francisco, and D. K. Lippincott, Larimpur, assignors to Farnsworth Television Incorporated, San Francisco, Calif. Radiation frequency converter. 2,107,782; Feb. 8.
Farnsworth Television Incorporated. (See Brolly, Archibald H., assignor.)
Farnsworth Television Incorporated. (See Farnsworth, P. T., and Lippincott, assignors.)
Farnsworth Television Incorporated. (See Gardner, Bernard C., assignor.)
Farr, D. E., et al. (See Rose, Lynn E., assignor.)
Farrell, Joseph E., assignor to Automotive Devices Corporation, Washington, D. C. Automatic electric service line protector. 2,107,820; Feb. 8.
Farrell, Joseph E., assignor to Automotive Devices Corporation, Washington, D. C. Automatic switch for electric service lines. 2,107,821; Feb. 8.
Faulkner, Harold C. (See Allen, E. B., Knox, and Faulkner.)
Fehr, Harry W., Whitemarsh, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Temple roller. 2,108,013; Feb. 8.
Feinberg, Benjamin G., New York, N. Y. Renapping process. 2,107,528; Feb. 8.
Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)
Felton, Gladys, et al. (See Rose, Lynn E., assignor.)
Ferris, Seymour W., Aldan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbon oil. 2,107,291; Feb. 8.
Fetzer, Walter R., St. Louis, Mo., assignor to Union Starch and Refining Company, Columbus, Ind. Manufacture and use of malt adjunct from corn. 2,107,529; Feb. 8.
Finch, Evans W., Riverside, Calif. Advertising novelty. 2,107,693; Feb. 8.
Fisette, Charles E., Los Angeles, Calif. Hydraulic master brake cylinder control. 2,107,565; Feb. 8.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y. Freight handling apparatus. 2,107,292; Feb. 8.
Flanagan, George W., Chicago, Ill. Artificial bait or lure. 2,107,436; Feb. 8.
Folke, Bengt E., Mamaroneck, and W. E. Wollheim, assignors to Nathan Manufacturing Company, New York, N. Y. Ratchet mechanism. 2,107,662; Feb. 8.
Fonda, John S. (See Hyden, W. L., and Fonda.)
Ford, Joseph, Trenton, N. J. Audible signaling handle. 2,107,981; Feb. 8.
Ford Meter Box Company, The. See Phillips, James A., assignor.)
Forsyth, Alfred, London, England. Closure means for cans and the like containers. 2,107,437; Feb. 8.
Foster, David T., Khaur, Punjab, India, assignor to Regan Forge & Engineering Company. Rotary well drilling apparatus. 2,107,475; Feb. 8.
Foster, William H., Bayside, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating device. 2,107,858; Feb. 8.
Fotsch, William G., assignor to Reliable Electric Co., Chicago, Ill. Electrical connecter. 2,107,859; Feb. 8.
Fowler, Morris G., and L. M. Barker, Clarkdale, Ariz., assignors, by mesne assignments, to Phelps Dodge Corporation, New York, N. Y. Treatment of steel. 2,107,328; Feb. 8.
Fox, Charles H., assignor to The Abrams-Fox Fire Engine Company, Cincinnati, Ohio. Parallel series centrifugal pump. 2,107,694; Feb. 8.
Fox, Martin, assignor to The Seng Company, Chicago, Ill. Sofa bed. 2,107,993; Feb. 8.
Foxboro Company, The. (See Frymoyer, Webster W., assignor.)
Frace, Arleen, and H. Van Bree, Racine, Wis. Clipper. 2,107,750; Feb. 8.
Franck, Robert P., Huntington Park, assignor to Bennett Fittings, Vernon, Calif. Pipe fitting for wall supported water closets. 2,107,663; Feb. 8.
Frank, Harrison J. L., assignor to Bulldog Electric Products Company, Detroit, Mich. Electrical distribution system. 2,107,412; Feb. 8.
Frank, William A., Jersey City, N. J. Conveyer and rotary drum therefor. 2,107,890; Feb. 8.
Frederics, Ernest O., Bronxville, N. Y. Hair waving pad. 2,107,438; Feb. 8.
Frey, Elmer E., assignor to Kittle Manufacturing Co., Los Angeles, Calif. Tire cover. 2,107,783; Feb. 8.
Friday, Ralph W., Pittsburgh, Pa. Staybolt. 2,107,604; Feb. 8.
Friedel, Arthur C., assignor to Lowman Folding Box Corporation, Syracuse, N. Y. Paper carton and making the same. 2,107,999; Feb. 8.
Frusher, Tom, Jr., Groton, Conn., assignors to Rodney Hunt Machine Company, Orange, Mass. Fulling canal. 2,107,476; Feb. 8.
Frymoyer, Webster W., assignor to The Foxboro Company, Foxboro, Mass. Compensated measuring instrument. 2,107,632; Feb. 8.
Gamzon, Robert. (See Roux, B., Gamzon, and Sollima.)
Gardner, Bernard C., Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Envelope shield and depositing metal areas. 2,107,784; Feb. 8.
Gardner, George F., Scotia, N. Y., assignor to General Electric Company. Light beam instrument. 2,107,936; Feb. 8.
Gardner, Ralph D., assignor to Whitney Metal Tool Company, Rockford, Ill. Cut-off machine. 2,107,566; Feb. 8.
Gáspár, Béla, Brussels, Belgium. Producing colored photographic materials. 2,107,605; Feb. 8.
Gavin, Beauford E., Indianapolis, Ind., assignor to National Malleable and Steel Casting Company, Cleveland, Ohio. Furnace burner. 2,107,439; Feb. 8.
Geare, Randolph E. S., assignor to L. H. Gilmer Co., Philadelphia, Pa. Belt package. 2,107,695; Feb. 8.
Gee, William P., Plainfield, N. J., assignor to The Texas Company, New York, N. Y. Separation of wax from mineral oil by filtration. 2,107,664; Feb. 8.
Geissler, George P., Washington, D. C. Hydraulic engine. 2,107,982; Feb. 8.
Gemmer, George A., Richmond, Ind. Motor vehicle construction. 2,107,606; Feb. 8.
General Aniline Works, Inc. (See Hess, F., Hager, and Pense, assignors.)
General Aniline Works, Inc. (See Schumacher, Willy, assignor.)
General Aniline Works, Inc. (See Sieglitz, Adolf, assignor.)
General Cable Corporation. (See Atkinson, Ralph W., assignor.)
General Cable Corporation. (See MacKnight, Edgar W., assignor.)
General Electric Company. (See Adams, Joy C., assignor.)
General Electric Company. (See Asmussen, H., and Riess, assignors.)
General Electric Company. (See Bany, Herman, assignor.)
General Electric Company. (See De Bieux, Earl V., assignor.)
General Electric Company. (See Enss, J., and Hüniger, assignors.)
General Electric Company. (See Gardner, George F., assignor.)
General Electric Company. (See Hull, A. W., and Ruggles, assignors.)
General Electric Company. (See Jeffs, William V., assignor.)
General Electric Company. (See McMahan, Kenton D., assignor.)
General Electric Company. (See Obermaier, Carl F., assignor.)
General Electric Company. (See Oliver, James H., assignor.)
General Electric Company. (See Peters, Leo R., assignor.)
General Electric Company. (See Rogers, Stephen C., assignor.)
General Electric Company. (See Rupp, Emil, assignor.)
General Electric Company. (See Stricker, A. H., and Ulf, assignors.)
General Motors Corporation. (See Arthur, James L., assignor.)
General Motors Corporation. (See Crawford, J. M., and Schwager, assignors.)
Gessler, Clara S., Beach Haven, N. J. Nonslip garment support. 2,107,781; Feb. 8.
Geyer, Ernest H. (See Kerr, John W., assignor.)
Geyer, Ernest H. (See Taubensee, Henry A., assignor.)
Gilbert, Reginald, San Francisco, Calif. Chromatic blender. 2,107,860; Feb. 8.
Gillen, George A., New York, N. Y. Fuel injector. 2,107,891; Feb. 8.
Gilmer, L. H., Co. (See Geare, Randolph E. S., assignor.)
Gilpin, Garth G., Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Corrugated wall for railway cars. 2,107,861; Feb. 8.
Gilpin, Garth G., Riverside, assignor to Standard Railway Equipment Company, Chicago, Ill. Bunker for railway refrigerator cars. 2,107,862; Feb. 8.
Girard, Adelaide B., et al. (See Jones, Harrison A. L., assignor.)
Girard, Arthur M., et al. (See Jones, Harrison A. L., assignor.)
Gleason, Stanley F., Philadelphia, Pa. Meat processing and molding device. 2,107,329; Feb. 8.
Gleason Works. (See Wildhauber, Ernest, assignor.)
Globe Oil Tools Company. (See Catland, Alfred C., assignor.)
Göbel, Krafft, Guben, Germany. Machine for treating resilient material. 2,107,607; Feb. 8.

Goff, Harold W., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Terminal strip. 2,107,751; Feb. 8.

Gold, Meyer, Minneapolis, Minn. Advertising novelty. 2,107,892; Feb. 8.

Goldberg, Jacob M., Denver, Colo. Film reel and film attaching means therefor. 2,107,530; Feb. 8.

Goodman Manufacturing Company. (See Cartlidge, Frank, assignor.)

Goodman Manufacturing Company. (See Pray, Thomas E., assignor.)

Goodrich, B. F., Company, The. (See Mayne, Robert, assignor.)

Goodwillie, John E. (See Berry, E. E., Hornbostel, and Goodwillie.)

Gookin, Sylvester Leo, Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Eyelet. 2,107,375; Feb. 8.

Gordon, Charles W., Munster, Ind., assignor to The Superheater Company, New York, N. Y. Compensating reheater and superheater. 2,107,440; Feb. 8.

Grabarse, Manfred, and L. Hoffmann, Berlin-Hermsdorf, assignors to Gustav Schwarz G. m. b. H., Berlin-Waidmannslust, Germany. Variable pitch propeller for aircraft. 2,107,785; Feb. 8.

Granberg, Albert J., Berkeley, assignor to Ralph N. Brodie Company, Oakland, Calif. Automatic shut-off for meters. 2,107,441; Feb. 8.

Grant, John. (See Erwin, Weldon C., assignor.)

Gray, Herbert E., San Jose, Calif. Machine for dicing fruit and the like. 2,107,293; Feb. 8.

Grece, Harry H., Detroit, Mich. Windshield wiper blade. 2,107,567; Feb. 8.

Gremler, Arthur, Lawrence, Mass. Let-off mechanism for looms. 2,107,696; Feb. 8.

Griffith, Carroll L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Sterilising foodstuffs. 2,107,697; Feb. 8.

Griffith Laboratories, Inc. (See Griffith, C. L., and Hall, assignors.)

Griswold, Wade E., New York, N. Y. Printing member and producing same. 2,107,294; Feb. 8.

Groeschel, Sidney C., and A. G. Dawson, Columbia, S. C. Badge. 2,107,698; Feb. 8.

Groeschel, Sidney C., Columbia, S. C., and A. G. Dawson, Otsan, N. C. Door dumper. 2,107,699; Feb. 8.

Grubb, Herbert H., Baraboo, Wis. Stall. 2,107,477; Feb. 8.

Gruendler, Oscar C., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Crushing machine. 2,107,786; Feb. 8.

Grumke, Earl W., St. Paul, Minn. Carving machine bit. 2,107,787; Feb. 8.

Gustafsson, Eric, and F. Wahlin, assignors to Binks Manufacturing Company, Chicago, Ill. Spray gun with pneumatic material control. 2,107,732; Feb. 8.

Haas, Henry G., West Orange, N. J. Combination ink bottle and companion fountain pen. 2,107,700; Feb. 8.

Haase, Karl, and H. Werth, Bleicherode, assignor to the firm Preussische Bergwerks-und Hütten-Aktiengesellschaft, Berlin, Germany. Manufacturing granulated potassium fertilisers from potassium sulphate or from sulphate of potassium and magnesium. 2,107,701; Feb. 8.

Haase, Karl, H. Werth, and H. Probst, Bleicherode, assignors to the firm Preussische Bergwerks- und Hütten-Aktiengesellschaft, Berlin, Germany. Manufacturing an agglomerated potassium chloride fertilizer. 2,107,702; Feb. 8.

Hacklander, Hans. (See Christensen, N. V., and Hacklander.)

Hager, Karl. (See Hess, F., Hager, and Pense.)

Hahn, Arthur M., Washington, D. C., assignor to Mathews Conveyer Company, Ellwood City, Pa. Roller conveyer. 2,107,822; Feb. 8.

Haist, Foster A., Buffalo, N. Y. Ratchet wrench. 2,107,568; Feb. 8.

Hale, Frank C., and R. Yeadon, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom. 2,107,531; Feb. 8.

Hall, Archibald J., assignor of one-third to W. N. Hicking and one-third to S. J. Pentecost, New Basford, Nottingham, England. Process for rendering wool material unshrinkable and nonfelting product made thereby. 2,107,703; Feb. 8.

Hall, Clarence A., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Making storage battery plates. 2,107,937; Feb. 8.

Hall, Jesse H., Los Angeles, Calif. Deballing drill bit. 2,107,788; Feb. 8.

Hall, Lloyd A. (See Griffith, C. L., and Hall.)

Hallenbeck, Charles V., Denver, Colo. Dumping grizzly. 2,107,532; Feb. 8.

Hallot, Paul, Paris, France. Braking system. 2,107,823; Feb. 8.

Hamilton, Herbert C. (See Rawlins, A. L., and Hamilton.)

Hamilton, Thomas A., Hale, England. Golf putter. 2,107,983; Feb. 8.

Hamlin, Walter E., assignor, by mesne assignments, to Consolidated Iron-Steel Manufacturing Company of 1932, Cleveland, Ohio. Loading device. 2,107,569; Feb. 8.

Hanby, Albert T., et al. (See Beck, Clarence E., assignor.)

Handy-Roll Company. (See Ellenburg, Sanford J., assignor.)

Happel, Otto, Bochum, Germany. Air-cooled surface condenser. 2,107,478; Feb. 8.

Hardie, Harry W. (See Wainwright, Walter, assignor.)

Hardie Manufacturing Company, The. (See McQueen, Glenn J., assignor.)

Harford, Charles G., Wollaston, assignor to A. D. Little, Incorporated, Cambridge, Mass. Making chlorhydrin. 2,107,789; Feb. 8.

Harley, John B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical device. 2,107,752; Feb. 8.

Harper, Walter D., Florence, S. C. Automatic brake operator. 2,107,984; Feb. 8.

Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Drill bit. 2,107,665; Feb. 8.

Harris, Constance, Providence, R. I. Ear ornament. 2,107,938; Feb. 8.

Harrison, Meyer S., et al. (See Drexler, Samuel, assignor.)

Hartnack, John C., assignor to Rubbercraft Corporation of California, Ltd., Los Angeles, Calif. Plug. 2,107,939; Feb. 8.

Hartson, William H. (See Le Blanc, Victor A., assignor.)

Hartung, Walter. (See Wunsch, G., and Hartung.)

Harvey, Leo M., Los Angeles, Calif. Towel dispensing device. 2,107,790; Feb. 8.

Harwood, Geo. S., & Son. (See Walsh, Patrick H., assignor.)

Haseltine, William E., et al. (See Reed, Roy E., assignor.)

Hasler A.-G. Werke für Telephonie & Prasisionsmechanik. (See Ochsenbein, Walter, assignor.)

Haupt, William E. (See Morton, W. D., and Haupt.)

Hawley, Jesse G., Painted Post, assignor to Hawley-Jones Corporation, Riverside, N. Y. Brake lining and making same. 2,107,295; Feb. 8.

Hawley-Jones Corporation. (See Hawley, Jesse G., assignor.)

Haselton, Benjamin F., Jr., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Hollow glass building block. 2,107,994; Feb. 8.

Hearn, Richard B., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Distortion indicating and measuring device for printing telegraph systems. 2,107,753; Feb. 8.

Hechman, Helen, New York, N. Y. Foam apparatus. 2,107,666; Feb. 8.

Hedstrom, Carl, Jr., assignor to Hedstrom-Union Company, Gardner, Mass. Baby carriage and hood therefor. 2,107,940; Feb. 8.

Hedstrom-Union Company. (See Hedstrom, Carl., Jr., assignor.)

Heffner, Harry F., and L. L. De Turk, Kearny, N. J. Sled brake. 2,107,893; Feb. 8.

Heft, Orville J. (See Donnan, Earl H., assignor.)

Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Straight knitting machine. 2,107,985; Feb. 8.

Heinselmann, Alphonse A., Rockville Centre, assignor to Bludalk, Inc., New York, N. Y. Gas controlling device. 2,107,863; Feb. 8.

Hennessy, James J., New York, N. Y. Journal wiping means. 2,107,413; Feb. 8.

Hennessy, James J., New York, N. Y. Railway journal lubricator. 2,107,414; Feb. 8.

Henning, William, Peru, Nebr. Dental tool. 2,107,791; Feb. 8.

Henry, Harry H., Chicago, Ill., assignor, by mesne assignments, to U S L Battery Corporation, Niagara Falls, N. Y. Grid pasting machine. 2,107,733; Feb. 8.

Henry, James M. (See Anderson, W. T., and Henry.)

Hercules Powder Company. (See Rummelsburg, Alfred L., assignor.)

Hermson, John H., Brooklyn, assignor to A. G. Spalding & Bros., New York, N. Y. Football shoe. 2,107,667; Feb. 8.

Hess, Frits, K. Hager, and W. Pense, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Fast brown leather dyestuffs and preparing them. 2,107,941; Feb. 8.

Hewlett, William F., Upland, Calif. Contractible tent or awning. 2,107,608; Feb. 8.

Hicking, William N., et al. (See Hall, Archibald J., assignor.)

Hill, Harry G., Los Angeles, Calif. Line guide to enable the blind to write script. 2,107,609; Feb. 8.

Hilts, H. C. (See Mellen, George, assignor.)

Hinderer, Louis C. (See Hinderer, Walter F. and L. C.)

Hinderer, Walter F. and L. C., Kankakee, Ill. Window lock. 2,107,479; Feb. 8.

Hobbs, John W., assignor to The George W. Borg Corporation, Chicago, Ill. Automatic switch lamp socket. 2,107,570; Feb. 8.

Hochgesand, Carl P. (See Linde, R., and Hochgesand.)

Hodell Chain Company, The. (See Olmstead, Frederick A., assignor.)

Hoffman Specialty Company. (See Simpson, William K., assignor.)

Hoffmann, Ludwig. (See Grabarse, M., and Hoffmann.)

Hoke, Harry A., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Pilot and coupler structure. 2,107,376; Feb. 8.

Holcomb, Lester F., Freeport, assignor to Paramount Fireworks Company, Inc., New York, N. Y. Skyrocket. 2,107,734; Feb. 8.

Holek, František, Brunn-Julianov, assignor to Ceskoslovenska Zbrojovka, a. s. Brno, Brno, Czechoslovakia. Gun-carriage. 2,107,824; Feb. 8.

Hollingsworth, William A., Peanta, Calif. Automobile signal. 2,107,533; Feb. 8.

Holloway, Jesse F., Aldan, Pa. Truck. 2,107,296; Feb. 8.

Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,107,942; Feb. 8.

Holt, Thomas W., and J. F. Levan, Elkhart, Ind., assignors, by mesne assignments, to The Syracuse Trust Company, trustee. Window construction. 2,108,000; Feb. 8.

Holton, Abby J. T., Concord, Vt. Steam cooking boiler and baker. 2,107,480; Feb. 8.

Hommel, O., Company, The. (See McQuiston, Frederick B., assignor.)

Honig, Frank, Pawtucket, R. I., assignor to United States Rubber Products, Inc., New York, N. Y. Crinkled sheet rubber and process and apparatus for making the same. 2,107,735; Feb. 8.

Hooven, Frederick J., Dayton, Ohio. Direction finder. 2,107,633; Feb. 8.

Hopkins, Robert K., assignor to The M. W. Kellogg Co., New York, N. Y. Manufacturing composite seamless tubes. 2,107,943; Feb. 8.

Hornbostel, Lloyd. (See Berry, E. E., Hornbostel, and Goodwillie.)

Horsley, James H., assignor to Shanklin Manufacturing Company, Chicago, Ill. Roll top box. 2,107,997; Feb. 8.

Houdaille-Hershey Corporation. (See Jandus, Herbert S., assignor.)

Houdaille-Hershey Corporation. (See Jandus, H. S., and Tyson, assignors.)

Houde Engineering Corporation. (See Peo, Ralph F., assignor.)

Houser, Harry P., Waterloo, Iowa. Face meter. 2,107,534; Feb. 8.

Hovey, Almon G. (See Jarl, C. H. B., and Hovey.)

Hovey, Almon G., Pleasant Ridge, assignor to H. Reichhold, doing business as Reichhold Chemicals, Detroit, Mich. Bleaching alkyd resins. 2,107,610; Feb. 8.

Howard, Willard, Newton, Mass. Golf ball position marker. 2,107,944; Feb. 8.

Howland, Omar O., Eagle, Colo. Apparatus for teaching tumbling. 2,107,377; Feb. 8.

Huber, Henry, Pontiac, Mich. Blade holder. 2,107,736; Feb. 8.

Huesby, Elmer E., Los Angeles, Calif. Internal combustion motor. 2,107,792; Feb. 8.

Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,107,793; Feb. 8.

Hughes, Cecil, Tuffley Crescent, Gloucester, England, assignor to Sure Feed Limited, Cardiff, South Wales. Feeding bottle and device therefor. 2,107,442; Feb. 8.

Hull, Albert W., and W. A. Ruggles, Schenectady, N. Y., assignors to General Electric Company. Cathode structure. 2,107,945; Feb. 8.

Hull, Horace, et al. (See Reed, Roy E., assignor.)

Humason, Granville A. (See Vogt, C. W., and Humason.)

Humphreys, Edwin S., Aurora, Ill. X-ray apparatus. 2,107,625; Feb. 8.

Hungerford, Daniel C., Chalfont, Pa., assignor, by mesne assignments, to Star Expansion Bolt Company, New York, N. Y. Wedge for concrete form ties. 2,107,415; Feb. 8.

Hüniger, Magdalene. (See Ensz, J., and Hüniger.)

Hunter, John N., Norbury, England, assignor to Pyrene Manufacturing Company, Newark, N. J. Apparatus for trapping dust arising in bore holes. 2,107,864; Feb. 8.

Huth, Walter H., assignor to Aurex Corporation, Chicago, Ill. Electrical sound transmitting and distributing apparatus. 2,107,416; Feb. 8.

Hyden, William L., Kenmore, and J. S. Fonda, Buffalo, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing artificial silk. 2,107,683; Feb. 8.

Hymans, Frederick, Larchmont, assignor to Otis Elevator Company, New York, N. Y. Brake mechanism. 2,107,894; Feb. 8.

I. G. Farbenindustrie Aktiengesellschaft. (See Neukirch, Eberhard, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Roesner, E., Börner, Mahn, and Irion, assignors.)

Indian Central Cotton Committee. (See Nanjundayya, Chandrashekariya, assignor.)

Ingersoll, Roy C., assignor to Borg-Warner Corporation, Chicago, Ill. Making laminated metal blanks having a lamination of varying thicknesses. 2,107,330; Feb. 8.

Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Carton construction. 2,107,946; Feb. 8.

International Shoe Company. (See Bown, Samuel, assignor.)

Inventor Trust S. A. (See Kardorff, Leon, assignor.)

Ipatieff, Vladimir, and V. Komarewsky, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of alcohols. 2,107,704; Feb. 8.

Irion, Wilhelm. (See Roesner, E., Börner, Mahn, and Irion.)

Iribeck, Frank J., Dedham, Iowa. Self-steering mechanism for tractors. 2,107,535; Feb. 8.

Irwin, Haskell, Oklahoma City, Okla. Multiple locking means for automobile doors. 2,107,737; Feb. 8.

Jackman, George W. (See Pierson, W. D., and Jackman.)

Jackson, John C., assignor to Square D Company, Detroit, Mich. Electrical distribution system. 2,107,865; Feb. 8.

James, Edwin F., and L. E. Remick, assignors to Carolina Dyeing and Winding, Incorporated, Mount Holly, N. C. Treating yarn. 2,107,536; Feb. 8.

Jandus, Herbert S., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover and lock construction. 2,107,332; Feb. 8.

Jandus, Herbert S., and T. J. W. Tyson, assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover. 2,107,331; Feb. 8.

Jarl, Carl H. B., Royal Oak, and A. G. Hovey, Pleasant Ridge, assignors to Beck, Koller & Company, Inc., Detroit, Mich. Catalysts and preparing the same. 2,107,611; Feb. 8.

Jeannette Steel Corporation, The. (See Stough, Turney H., assignor.)

Jeffs, William V., Eastcote, England, assignor to General Electric Company. Electric switch gear. 2,107,947; Feb. 8.

Jenkins, Raymond J., and C. J. Addicks, assignors to The Chandlee Corporation, Baltimore, Md. Dispensing apparatus for carbonated beverages. 2,107,866; Feb. 8.

Jiménez, Ramón C., Boston, Mass. Headlight for automobiles. 2,107,443; Feb. 8.

Johnson, Bror E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Apparatus for delivering portions of relatively mobile material. 2,107,987; Feb. 8.

Johnson, Carl E., Pasadena, assignor to Sterling Electric Motors, Inc., Los Angeles, Calif. Water cooled motor. 2,107,481; Feb. 8.

Johnson, Carl G. (See Wallin, F. E. A. and K. T., and C. G. Johnson.)

Johnson, Kurt T. (See Wallin, F. E. A. and K. T., and C. G. Johnson.)

Johnson Service Company. (See Otto, Arthur J., assignor.)

Johnston, David R. (See Jones, J. E., and Johnston.)

Johnston, Donald F., Pelham, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,107,754; Feb. 8.

Johnston, James W., Manchester, N. H., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,107,634; Feb. 8.

Jones, Harrison A. L., assignor of one-fifth to A. M. Girard and one-fifth to A. B. Girard, Oakland, Calif. Tachometer. 2,108,014; Feb. 8.

Jones, John E., and D. R. Johnston, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of solid materials with liquids. 2,107,537; Feb. 8.

Jonker, Johan L. H., assignor to N. V. Philips' Gloeilampenfabriethen, Eindhoven, Netherlands. Electron discharge device. 2,107,333; Feb. 8.

Joy Fastener Company. (See Miller, F. P., assignor.)

Joy Fastener Company. (See Miller, F. P., and Skeel, assignors.)

Junkermann, Fred J., Philadelphia, Pa. Tube holding device. 2,107,635; Feb. 8.

Justheim, Clarence I., Salt Lake City, Utah. Refrigerator. 2,107,538; Feb. 8.

Kallchevsky, Vladimir A. (See Story, B. W., and Kallchevsky.)

Kallsh, Harry L., New York, N. Y. Notebook pad. 2,108,015; Feb. 8.

Kaptulier, Alexander F., Chicago, Ill. Change speed driving mechanism. 2,107,417; Feb. 8.

Kardorff, Léon, Brussels, Belgium, assignor to Inventor Trust S. A., Luxemburg, Luxemburg. Impulse transmitter. 2,107,988; Feb. 8.

Karfiol, Edward, et al. (See Cohn, Adolph H., assignor.)

Karfiol, Edward, New York, N. Y. Shelf edging. 2,107,669; Feb. 8.

Karige, Alfred L., Gotene, Sweden. Stake or stanchion for vehicles. 2,107,612; Feb. 8.

Karlson, Erik O., Elmont, N. Y. Device for gauging the cutting of rafters. 2,107,670; Feb. 8.

Kasdan, Nathan, New York, and R. F. Landwehr, Woodside, Long Island, assignors to Majestic Metal Specialties, Inc., New York, N. Y. Lipstick holder. 2,107,444; Feb. 8.

Kato, Etsuro, Meguro-ku, Tokyo-shi, Japan. Fine spining frame. 2,107,378; Feb. 8.

Kaufman, Gus, Beacon, assignor to The Texas Company, New York, N. Y. Grease manufacture. 2,108,016; Feb. 8.

Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer and wringer support connection. 2,107,539; Feb. 8.

Kaufmann, Hans O., assignor to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Bleaching fiber. 2,107,297; Feb. 8.

Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,108,005; Feb. 8.

Keefer, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,108,006; Feb. 8.

Keller, Harry H., Ventnor, N. J., assignor to Bitting, Incorporated, New York, N. Y. Attaching wall panel units together. 2,107,418; Feb. 8.
Keller, Joseph, Bronx, N. Y. Cigarette package. 2,107,822; Feb. 8.
Kellogg, M. W., Co., The. (See Hopkins, Robert K., assignor.)
Kelsey-Hayes Wheel Company. (See Ash, Charles S., assignor.)
Kelsey-Hayes Wheel Company. (See Batle, Joseph E., assignor.)
Kelsey-Hayes Wheel Company. (See LeJeune, Frank H., assignor.)
Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,107,679; Feb. 8.
Kemp, William E. Detroit, Mich. Roll screen structure. 2,107,755; Feb. 8.
Kemp, William J., Deptford, assignor to Molins Machine Company, Limited, London, England. Wrapping or packing machine. 2,107,482; Feb. 8.
Kendall, Burton W., East Orange, and D. Mitchell, Bound Brook, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Privacy system. 2,107,756; Feb. 8.
Kerr, John W., assignor to E. H. Geyer, Chicago, Ill. Dividing and reinforcing means for concrete roadways. 2,107,827; Feb. 8.
Ketchpel, Paul A., West Englewood, N. J., assignor, by mesne assignments, to The Standard Stoker Company, Inc. Locomotive tender. 2,107,419; Feb. 8.
Kibbe, James I. (See Anderson, A. G., and Kibbe.)
Kiefer, Karl, Machine Company, The. (See Rosendale, Stanley R., assignor.)
Kilgore Development Corporation. (See Kilgore, Lowell B., assignor.)
Kilgore, Lowell B., Washington, D. C., assignor to Kilgore Development Corporation, East Falls Church, Va. Insecticide. 2,107,298; Feb. 8.
Killmer, Miles I., assignor to Mason & Hanger Company, Inc., New York, N. Y. Constructing tunnels. 2,107,671; Feb. 8.
Kilpatrick, Howard M., New York, N. Y. Latch. 2,107,299; Feb. 8.
Kilpatrick, Howard M., New York, N. Y. Jimmyproof lock-latch. 2,107,300; Feb. 8.
King, Clifford G., Barrington, R. I. Tassel. 2,107,948; Feb. 8.
Kingman, Russell B., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Cleanser device. 2,107,636; Feb. 8.
Kinsley, Thomas G., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,107,757; Feb. 8.
Kirby, James B., West Richfield, Ohio. Suction cleaner. 2,107,571; Feb. 8.
Kitson Company. (See Lovekin, Luther D., assignor.)
Kittle Manufacturing Co. (See Frey, Elmer E., assignor.)
Klaar, Albert, Bielefeld, F. Arndt, and H. Berning, Essen, Germany, assignors, by mesne assignments, to The National Cash Register Co., Dayton, Ohio. Controlling mechanism for cash registers and bookkeeping machines. 2,107,445; Feb. 8.
Klaus, Sidney D., Jamaica, N. Y. Device for viewing X-ray pictures and the like. 2,107,738; Feb. 8.
Kleaver, Estelle B. (See Bettis, William I., assignor.)
Kleean, Charles E., assignor to P. R. Offedal, Chicago, Ill., doing business under the style and firm name of Protex Weather-Strip Mfg. Co. Door closure. 2,107,940; Feb. 8.
Knechtel, Erich, Sydowsaue, near Stettin, Germany, assignor to North American Rayon Corporation, New York, N. Y. Avoiding the overcharging of drives for rayon centrifuges. 2,107,758; Feb. 8.
Knight, Albert B., Fairmont, W. Va. Variable speed transmission. 2,107,483; Feb. 8.
Knox, Maurice D. (See Allen, E. B., Knox, and Faulkner.)
Koehring Company. (See Lichtenberg, Erich H., assignor.)
Koether, Emil A., Baltimore, Md., assignor, by mesne assignments, to Koppers Company. Piston ring. 2,107,301; Feb. 8.
Kolibe, Thomas, assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring cushion structure. 2,107,446; Feb. 8.
Komarewsky, Vasili. (See Ipatieff, V., and Komarewsky.)
Koppers Company. (See Koether, Emil A., assignor.)
Koslowsky, Robert, Dessau-Ziebigk in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Manufacture of carbocyanine dyes. 2,107,279; Feb. 8.
Kotcher, Irwin and M., Brooklyn, N. Y. Carton. 2,107,613; Feb. 8.
Kotcher, Irwin and M., Brooklyn, N. Y. Carton. 2,107,614; Feb. 8.
Kotcher, Morris. (See Kotcher, Irwin and M.)
Kothny, Gottdank L., Strafford, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Whip stock removing device. 2,107,420; Feb. 8.
Kovats, John, Fairfield, Conn. Folding table. 2,107,572; Feb. 8.
Krants, Morris, London, England. Portable wardrobe, cupboard, or the like. 2,107,828; Feb. 8.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Safety and relief valve. 2,107,704; Feb. 8.
Kucera, Frank A. (See Thompson, C. S., and Kucera.)
Kuhn, Henry G. M., Spencertown, N. Y. Garden line stake. 2,107,980; Feb. 8.
Küppenbender, Heins, assignor to Zeiss Ikon Aktiengesellschaft Dresden, Dresden, Germany. Photographic camera. 2,107,829; Feb. 8.
Lamb, Charles C., Chicago, Ill. Cleaning materials. 2,107,866; Feb. 8.
Lamb, Lawrence S. (See Parsons, J. H., and Lamb.)
Landis Machine Company. (See Dunford, Ernest, assignor.)
Landwehr, Richard F. (See Kasdan, N., and Landwehr.)
Lang, George H., Boston, Mass. Reversing device. 2,107,705; Feb. 8.
Lang, Harold M., New York, N. Y. Magnetic hooking game. 2,107,672; Feb. 8.
Langdon, Andrew H., Los Angeles, J. A. Langdon, Lancaster, and J. S. Langdon, La Habra, Calif. Poultry fountain. 2,107,573; Feb. 8.
Langdon, John A. (See Langdon, Andrew H., J. A., and J. S.)
Langdon, J. Spencer. (See Langdon, Andrew H., J. A., and J. S.)
Langenheim, Albert H. (See Runyan, W. B., and Langenheim.)
Larsh, Everett P., Vandalia, assignor to The Master Electric Corporation, Dayton, Ohio. Engine piston. 2,107,795; Feb. 8.
Leach, Maude, Wilkes-Barre, Pa. Culinary device. 2,107,380; Feb. 8.
Le Blanc, Victor A., assignor of one-twentieth to W. H. Hartson, New Orleans, La. Ignition apparatus. 2,107,302; Feb. 8.
Lefebvre-Carnot, Pierre, Paris, and L. P. G. Vautier, St. Just des Marais, France, assignors to Société Francaise de la Viscose S. A. Making porous articles. 2,107,637; Feb. 8.
Leibing Automatic Devices, Incorporated. (See Leibing, William E., assignor.)
Leibing, William E., assignor to Leibing Automative Devices, Incorporated, San Francisco, Calif. Method and apparatus for governing fluid flow. 2,107,990; Feb. 8.
Le Jeune, Frank H., assignor, by mesne assignments, to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming a wheel. 2,107,950; Feb. 8.
Lenane, Hugh. (See Avery, L. T., and Lenane.)
Lennox, Florence L., Ann Arbor, Mich. Curtain holder. 2,107,421; Feb. 8.
Leppke, Louis A., Omaha, Nebr. Serving device. 2,107,381; Feb. 8.
Lesher, John B., Chambersburg, Pa. Fowl holder. 2,107,484; Feb. 8.
Levan, John F. (See Holt, T. W., and Levan.)
Levene, Louis L., Merrick, N. Y. Partition. 2,107,334; Feb. 8.
Lever Brothers Company. (See Andersen, Carl N., assignor.)
Lichtenberg, Erich H., assignor to Koehring Company, Milwaukee, Wis. Power take-off. 2,107,540; Feb. 8.
Liebesny, Paul, and H. Wertheim, Vienna, Austria. Influencing enzymes and technically useful micro-organisms and the like. 2,107,830; Feb. 8.
Liebowitz, Benjamin, assignor to Trubenizing Process Corporation, New York, N. Y. Process and apparatus for adhesively uniting plies of fabric material. 2,107,485; Feb. 8.
Linde Air Products Company, The. (See Linde, R., and Hochgesand, assignors.)
Linde, Richard, Munich, and C. P. Hochgesand, Solln, near Munich, Germany, assignors to The Linde Air Products Company. Method of and apparatus for operating cold accumulators. 2,107,335; Feb. 8.
Linder, Andrew J. (See Brandt, J. W., and Linder.)
Lindsay Wire Weaving Company, The. (See Steinhart, Ferdinand, assignor.)
Lippincott, Donald K. (See Farnsworth, P. T., and Lippincott.)
Lipton, Ruby, New York, N. Y. Head covering. 2,107,951; Feb. 8.
Lithgow Corporation. (See Lithgow, James, assignor.)
Lithgow, James, assignor to Lithgow Corporation, Chicago, Ill. Coating containers. 2,108,017; Feb. 8.
Little, Arthur D., Incorporated. (See Harford, Charles G., assignor.)
Livak, John E. (See Smith, F. B., and Livak.)
Ljungström, Fredrik, Lidingo Bravik, Sweden. Rig for sail boats. 2,107,303; Feb. 8.
Long, Paul H. (See Moyer, S. P., and Long.)
Long, Paul H., assignor to The American Rolling Mill Company, Middletown, Ohio. Wiping device for rolling mill rolls. 2,107,541; Feb. 8.
Lothrop, Marcus. (See Price, N. C., and Lothrop.)
Lotz, Rudolph W., assignor to Schneider Iron Works, Chicago, Ill. Collapsible sidewalk sign support. 2,107,574; Feb. 8.
Lovekin, Luther D., Villa Nova, assignor to Kitson Company, Philadelphia, Pa. Temperature limiting device for hot water systems. 2,107,673; Feb. 8.
Lovell Manufacturing Company. (See Kauffman, Walter L., II, assignor.)

Lowman Folding Box Corporation. (See Friedel, Arthur C., assignor.)
Ludwig, Sidney. (See Davis, Jack L., assignor.)
Lulek, Ralph N. (See Weeris, A. J., and Lulek.)
Lundstrom, Hans, assignee of two-thirds to I. Lundstrom, and one-third to J. Magidson and P. B. Magidson, all of St. Louis, Mo. Excavator. 2,107,695; Feb. 8.
Lundstrom, Ida, et al. (See Lundstrom, Hans, assignor.)
Lutey, William J., Seattle, Wash. Resilient pedal pad. 2,107,456; Feb. 8.
Lyon, George A., Allenhurst, assignor to Lyon Incorporated, Asbury Park, N. J. Hinged tire cover for use with fenderwell. 2,107,226; Feb. 8.
Lyon Incorporated. (See Lyon, George A., assignor.)
Lyons, James R., Salem, Oreg. Christmas tree holder. 2,107,435; Feb. 8.
Macdonald, Alexander D., Malden, assignor to B. B. Chemical Co., Boston, Mass. Deodorizing polymerized haloprene. 2,107,796; Feb. 8.
Machate, Fred, and F. Mason, Lansdale, Pa. Tape dispenser. 2,107,457; Feb. 8.
Macintosh, Richard. (See Bader, Thomas D., assignor.)
MacKnight, Edgar W., Bayonne, N. J., assignor to General Cable Corporation, New York, N. Y. Metal extrusion press and operation. 2,107,806; Feb. 8.
Maddock, Robert H., assignor to The Midland Steel Products Company, Cleveland, Ohio. Vehicle frame. 2,107,382; Feb. 8.
Madison, Robert B., Harvey, Ill. Railway ballasting machine. 2,107,639; Feb. 8.
Magidson, Joseph, et al. (See Lundstrom, Hans, assignor.)
Magidson, Phelix B., et al. (See Lundstrom, Hans, assignor.)
Magnesium Development Corporation. (See Beck, Adolf, assignor.)
Magnuson, Raymond A., assignor to Vogel-Peterson Co. Inc., Chicago, Ill. Wardrobe rack. 2,107,640; Feb. 8.
Mahn, Herbert. (See Rossner, R., Börner, Mahn, and Irion.)
Maier, August R., assignor to Oil Well Supply Company, Dallas, Tex. Pump rod hanger. 2,107,485; Feb. 8.
Majestic Metal Specialties, Inc. (See Kasdan, N., and Landwehr, assignors.)
Malcomson, Gilbert C., Collingswood, N. J. Display device. 2,107,641; Feb. 8.
Mandel, Morris, Chicago, Ill. Safety equipment for boats. 2,107,542; Feb. 8.
Marcelli, Nicholas T., Collinsville, Calif. Fishing hook. 2,107,480; Feb. 8.
Marlowe, Harold J., New Rochelle, assignor to Marlowe Products Inc., New York, N. Y. Exercising machine. 2,107,447; Feb. 8.
Marlowe, Harold Jay, New Rochelle, N. Y. Hobbyhorse. 2,107,448; Feb. 8.
Marlowe, Harold J., New Rochelle, assignor to Marlowe Products Inc., New York, N. Y. Exercising machine. 2,107,449; Feb. 8.
Marlowe Products Inc. (See Marlowe, Harold J., assignor.)
Marsden, George, Los Angeles, Calif. Changing display weighing machine. 2,107,674; Feb. 8.
Martin, Fletcher E. (See Nutter, I. E., Martin, and McCullough.)
Marvin, John T. (See Matthews, B. L., and Marvin.)
Mason, Fred. (See Machate, F., and Mason.)
Mason & Hanger Company. (See Killmer, Miles I., assignor.)
Master Electric Corporation, The. (See Larsh, Everett P., assignor.)
Mathews Conveyer Company. (See Hahn, Arthur M., assignor.)
Matthews, Birchard L., Lakewood, and J. T. Marvin, Fairview Village, assignors to The Patrol Valve Company, Cleveland, Ohio. Burner. 2,107,575; Feb. 8.
Matthe, Charles F., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical scanning apparatus. 2,107,759; Feb. 8.
Mattman, Gustave F., assignor to The Cincinnati Advertising Products Company, Cincinnati, Ohio. Ornamental mounting. 2,107,383; Feb. 8.
Mauser-Werke A-G. (See Altenburger, Ernst, assignor.)
May Oil Burner Corporation. (See Walsh, John L., assignor.)
Mayer, Alvin L., Cincinnati, Ohio. Printing enlarging machine. 2,107,867; Feb. 8.
Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Track for tractors. 2,107,490; Feb. 8.
McAnally, Claude W., Sr., Trinidad, Colo. Supporting and display rack. 2,107,576; Feb. 8.
McClure, Arthur W., assignor to McMillan Book Company, Syracuse, N. Y. Loose leaf binder. 2,107,868; Feb. 8.
McClure, Arthur W., assignor to McMillan Book Company, Syracuse, N. Y. Loose leaf binder. 2,107,869; Feb. 8.
McConnell, Robert J. (See Truslow, J. L., and McConnell.)
McCormick, Elmer, M. D. Stewart, and W. H. Worthington, assignors to John Deere Tractor Company, Waterloo, Iowa. Hydraulic mechanism. 2,107,760; Feb. 8.
McCullough, Gerald W. (See Nutter, I. E., Martin, and McCullough.)
McGee, Joseph R., Los Angeles, Calif. Signaling device. 2,107,952; Feb. 8.
McIntire, Charles V., Short Hills, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Coke oven battery. 2,107,642; Feb. 8.
McKelvy, Eugene A., Ardmore, Pa. Checkerwork. 2,107,675; Feb. 8.
McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Fan. 2,107,897; Feb. 8.
McMillan Book Company. (See McClure, Arthur W., assignor.)
McNally, James G., and J. B. Dickey, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Azo compounds and process for dyeing therewith. 2,107,898; Feb. 8.
McQueen, Glenn J., Portland, Oreg., assignor to The Hardie Manufacturing Company, Hudson, Mich. Truck. 2,107,384; Feb. 8.
McQuiston, Frederick B., Crafton, Pa., assignor to The O. Hommel Company. Decorating apparatus. 2,107,491; Feb. 8.
Mellen, George, Diamond Head, assignor to H. C. Hilts, Honolulu, Hawaii. Dispensing device. 2,107,615; Feb. 8.
Melton, Guilford B. (See Wood, Z. V., and Melton.)
Mekler, Lev A., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Heating fluids. 2,107,492; Feb. 8.
Merritt, Vernon, Montgomery, Ala. Relief valve for preventing the bursting of liquid containers. 2,107,670; Feb. 8.
Messer, Adolf, Frankfort-on-the-Main, Germany. Apparatus for producing and storing oxygen. 2,107,797; Feb. 8.
Metal Textile Corporation. (See Kingman, Russell B., assignor.)
Metropolitan Sewing Machine Corporation. (See Robbins, Willis C., assignor.)
Metropolis Bending Company. (See Puls, Alfred E., assignor.)
Michael, William C. (See Olsvary, Louis, assignor.)
Michelin et Cie. (See Bourdon, Pierre M., assignor.)
Micromatic Hone Corporation. (See Connor, Kirke W., assignor.)
Midland Steel Products Company, The. (See Maddock, Robert H., assignor.)
Millavec, Alvin J., Cleveland, Ohio. Combined receptacle and brush holder. 2,107,643; Feb. 8.
Miller, Chauncey K., Indianapolis, Ind. Combination envelope and return mailing device. 2,107,450; Feb. 8.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Plural gear shaping machine. 2,107,543; Feb. 8.
Miller, Frank P., Meadville, Pa., assignor, by mesne assignments, to Joy Fastener Company. Process and apparatus for making slide fasteners. 2,108,008; Feb. 8.
Miller, Frank P., and L. Skeel, Meadville, assignors, by mesne assignments, to Joy Fastener Company, Franklin, Pa. Method and apparatus for making slide fasteners. 2,108,007; Feb. 8.
Miller, Frank P., and L. Skeel, Meadville, Pa., assignor, by mesne assignments, to Joy Fastener Company. Slide fastener. 2,108,009; Feb. 8.
Miller, Louis G., Bethlehem, Pa., assignor to Bethlehem Steel Company. Car brake. 2,107,761; Feb. 8.
Mining Process and Patent Company. (See Denny, J. J., and Daman, assignors.)
Mitchell, Doren. (See Kendall, B. W., and Mitchell.)
Molins Machine Company. (See Kemp, William J., assignor.)
Moore, Mathilda G., St. Paul, Minn. Girdle garment. 2,107,337; Feb. 8.
Moore, Weldon B., Corpus Christi, Tex. Mixer and conditioner. 2,107,544; Feb. 8.
Morgan, Maurice J., West Englewood, N. J. Golf tee. 2,107,706; Feb. 8.
Morley, Francis E. (See Morley, Wilfrid T. B., and F. E.)
Morley, Wilfrid T. B., Worsley, and F. E. Morley, Sale, England. Apparatus for removing selvage edges from textile fabrics in the piece. 2,107,953; Feb. 8.
Moross, George B., Woodside, N. Y. Automatic change speed gearing for automotive vehicles. 2,107,422; Feb. 8.
Morris, Thomas C., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,108,018; Feb. 8.
Morseth, Leif, Frydenberg, Ostre Aker, near Oslo, assignor to Aktieselskapet Per Kure, Norsk Motor & Dynamofabrik, Oslo, Norway. Machine for the manufacture of ribbed piping. 2,107,831; Feb. 8.
Morton, Wade D., Gloucester City, and W. E. Haupt, Westville, assignors to Automatic Drive & Transmission Company, Gloucester City, N. J. Clutch and transmission mechanism. 2,107,954; Feb. 8.
Moser, Robert E., assignor to Rosedale Knitting Co., Inc., Reading, Pa. Yarn winding machine. 2,107,385; Feb. 8.
Motor Terminals Company. (See Fitch, Benjamin F., assignor.)
Moyer, Samuel P., and P. H. Long, assignors to The American Rolling Mill Company, Middletown, Ohio. Shears. 2,107,577; Feb. 8.
Mueller, Otto, Dearborn, Mich. Manual control for automobile generators. 2,107,899; Feb. 8.

Munro, Charles S., Detroit, Mich. Tape applying device. 2,107,900; Feb. 8.
N. V. Philips' Gloeilampenfabrieken. (See Bouwers, A., and van der Tuuk, assignors.)
N. V. Philips' Gloelampenfabrieken. (See Jonker, Johan L. H., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Teves, M. C., and de Boer, assignors.)
Nampa, Sulo M. (See Butterworth, S. D., and Nampa.)
Nampa, Sulo M., Detroit, Mich., assignor to The Worth Company. Car loading device. 2,107,338; Feb. 8.
Nanjundayya, Chandrashekariya, Matunga, assignor to The Indian Central Cotton Committee, Bombay, British India. Manner of and apparatus for ascertaining the mean length of cotton or like fibers and/or the mean weight per unit of length of similar fibers. 2,107,616; Feb. 8.
Nash-Kelvinator Corporation. (See Erbach, Frederick R., assignor.)
Nash-Kelvinator Corporation. (See Ohmart, Grayston R., assignor.)
Nashua Manufacturing Company. (See Oliver, Geffrod B., assignor.)
Nathan Manufacturing Company. (See Folke, B. E., and Wollheim, assignors.)
National Cash Register Co., The. (See Klaar, A., Arndt, and Berning, assignors.)
National Malleable and Steel Casting Company. (See Gavin, Beauford E., assignor.)
National Pneumatic Company. (See Parvin, Edward G., assignor.)
Nelson, Frank, New York, N. Y. Fuel saver for engines. 2,107,332; Feb. 8.
Nelson, John W., assignor to Chicago Fexible Shaft Company, Chicago, Ill. Oil burning furnace. 2,107,871; Feb. 8.
Neukirch, Eberhard, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing colored smoke. 2,108,019; Feb. 8.
Neumann, Friedrich, Berlin, Germany. Awning. 2,107,676; Feb. 8.
Newman, David F., Rockville Centre, N. Y., assignor to Trans-Lux Corporation. Screen structure. 2,107,707; Feb. 8.
Newman, David F., Rockville Centre, N. Y., assignor to Trans-Lux Corporation. Screen structure; 2,107,708; Feb. 8.
News Projection Corporation. (See Eitzen, August D., assignor.)
Nice-Bement-Pond Company. (See Shaw, Robert D., assignor.)
Nisbet, Robert H., Osterley, England, assignor to Sperry Gyroscope Company Inc., Brooklyn, N. Y. Dynamo-electric machine. 2,107,872; Feb. 8.
Noll, Harry R., assignor of one-half to J. W. Coyle, Philadelphia, Pa. Dispenser. 2,108,020; Feb. 8.
Nordberg Manufacturing Co. (See Gruender, Oscar C., assignor.)
North American Holding Corporation. (See Johnston, James W., assignor.)
North American Rayon Corporation. (See Knechtel, Erich, assignor.)
North American Rayon Corporation. (See Schmidt, Kurt, assignor.)
Northwestern Barb Wire Company. (See Bradley, Albert F., assignor.)
Novak, Isador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Impregnating fibrous materials. 2,107,304; Feb. 8.
Nowak, Alfred. (See Suida, H., Pöll, and Nowak.)
Nu-line Manufacturing Company. (See Wilsdorf, Frank A., assignor.)
Nutt, Harold, and H. V. Reed, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Clutch. 2,107,739; Feb. 8.
Nutter, Irvin E., F. E. Martin, Whittenburg, Tex., and G. W. McCullough, assignors to Phillips Petroleum Company, Bartlesville, Okla. Apparatus for liquid level and pressure control. 2,107,955; Feb. 8.
Oberdick, Luther E., Brooklyn, assignor to Cleveland Tungsten Manufacturing Company, Inc., Cleveland, Ohio. Apparatus for removing oxides and preventing pitting of electrical contacts. 2,107,709; Feb. 8.
Obermaier, Carl F., York, Pa., assignor to General Electric Company. Electrical insulation material. 2,107,901; Feb. 8.
Oehsenbein, Walter, assignor to Hasler A.-G. Werke für Telephonie & Pranisions-mechanik, Bern, Switzerland. Machine for postmarking and like purposes. 2,107,618; Feb. 8.
Oetterer, Alvin, Hermann, Mo. Adjustable ice creeper. 2,107,617; Feb. 8.
Ofstedal, Philip R. (See Klecan, Charles E., assignor.)
Ogle, Kenneth N., assignor to Trustees of Dartmouth College, Hanover, N. H. Adjustable lens system. 2,107,905; Feb. 8.
Ohmart, Grayston R., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,107,644; Feb. 8.
Oil Well Supply Company. (See Maier, August R., assignor.)
Okun, Edward, New York, N. Y. Garment hanger. 2,107,873; Feb. 8.
O'Laverty, James, et al. (See Vanderpoel, Albert G. H., assignor.)
Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Sealing means for heater doors. 2,107,762; Feb. 8.
Oliver, Geffrod B., Springfield, assignor to Nashua Manufacturing Company, Boston, Mass. Lap robe for motor vehicles. 2,107,493; Feb. 8.
Oliver, James H., Alden, Pa., assignor to General Electric Company. Supervisory control system. 2,107,902; Feb. 8.
Olmstead, Frederick A., Cleveland Heights, Ohio, assignor to The Hodell Chain Company. Antiskid device. 2,107,545; Feb. 8.
Olsvary, Louis, Spartansburg, assignor of one-half to W. C. Michael, Connellsville, Pa. Safety device for elevators. 2,107,956; Feb. 8.
Olving, Bror G., Hamden, Conn., assignor to Products Protection Corporation. Electric condenser construction. 2,107,423; Feb. 8.
O'Neill, Frank, Jr., assignor to Tamper-Proof Seal Corporation, New York, N. Y. Container cover. 2,107,957; Feb. 8.
Onions, John H., and P. W. Thornhill, Leamington Spa, England; said Thornhill assignor to said Onions. Shock absorbent strut for aircraft. 2,107,494; Feb. 8.
Onsrud Machine Works, Inc. (See Onsrud, Rudolph, assignor.)
Onsrud, Rudolph, assignor to Onsrud Machine Works, Inc., Chicago, Ill. Automatic shaping machine. 2,107,578; Feb. 8.
Oppenlaender, Oskar, Rome, Ga., assignor to Tubise Chatillon Corporation, New York, N. Y. Manufacture of rayon and the like. 2,107,451; Feb. 8.
Osmun, Kenneth L. (See Rockwood, C. D., and Osmun.)
Otis Elevator Company. (See Hymans, Frederick, assignor.)
Otto, Arthur J., assignor to Johnson Service Company, Milwaukee, Wis. Air conditioning. 2,107,386; Feb. 8.
Otto William, and F. E. Scott, Kansas City, Mo. Core drill. 2,107,495; Feb. 8.
Ouellette, Edmond J., Duluth, Minn. Adjustable table. 2,107,579; Feb. 8.
Owens-Illinois Glass Company. (See Bone, H. M., and Williams, assignors.)
Owens-Illinois Glass Company. (See Haselton, Benjamin F., Jr., assignor.)
Pabodie, Robert R., assignor to J. F. Pritchard & Company, Kansas City, Mo. Louver construction for cooling towers. 2,107,496; Feb. 8.
Packard Motor Car Company. (See Best, Frank C., assignor.)
Padgett, Joseph E., Toledo, Ohio. Universal joint. 2,107,497; Feb. 8.
Palmer, Adelbert F. (See Price, F., and Palmer.)
Pangborn Corporation. (See Keefer, Walter L., assignor.)
Pape, Clifford B., and E. N. Thayer, San Jose, and T. A. Schwarz, Menlo Park, Calif. Method and apparatus for treating dried fruits. 2,107,798; Feb. 8.
Papercrete Limited. (See Smith, Ewen R., assignor.)
Paramount Fireworks Company. (See Holcomb, Lester F., assignor.)
Parke, Davis & Company. (See Rawlins, A. L., and Hamilton, assignors.)
Parkhurst, Arthur C., Denver, Colo. Dry fly holder. 2,107,645; Feb. 8.
Parks, Harry H., Huntington Park, L. A. Thomas, Maywood, and H. S. Thomas, Huntington Park, Calif. Shoe finishing apparatus. 2,107,580; Feb. 8.
Parsons, John H., Bloomfield Hills, and L. S. Lamb, Grosse Pointe Park, Mich. Tool retainer. 2,107,581; Feb. 8.
Parvin, Edward G., Roselle, assignor to National Pneumatic Company, Rahway, N. J. Valve control apparatus. 2,107,874; Feb. 8.
Pasinski, Walter J., Howell, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,107,582; Feb. 8.
Patrol Valve Company, The. (See Matthews, B. L., and Marvin, assignors.)
Paul, Henri, Montreal, Quebec, Canada. Light diffusing glass. 2,107,833; Feb. 8.
Peale-Davis Company. (See Davis, Kenneth, assignor.)
Pease, John W., Rochester, N. Y. Apple paring and trimming machine. 2,107,339; Feb. 8.
Pedrick, Irene8 P., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Washer. 2,107,340; Feb. 8.
Peerless Sample Card Co. Inc. (See Domber, Joseph, assignor.)
Pennsylvania Railroad Company, The. (See Hoke, Harry A., assignor.)
Pennsylvania Railroad Company, The. (See Seider, Leo J., assignor.)
Pense, Walter. (See Hess, F., Hager, and Pense.)
Pentecost, Stephen J., et al. (See Hall Archibald John, assignor.)
Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Governor clutch. 2,107,341; Feb. 8.
Perkins, Ralph P., and A. J. Dietzler, assignors to The Dow Chemical Company, Midland, Mich. Vapor phase hydrolysis of halogenated hydrocarbons. 2,107,710; Feb. 8.
Pestarini, Joseph M., Grant City, Staten Island, N. Y. Electric direct current transformer. 2,107,740; Feb. 8.

Peters, Leo R., Garfield Heights, Ohio, assignor to General Electric Company. Manufacturing an electric device. 2,107,903; Feb. 8.
Petroleum Iron Works Company of Ohio, The. (See Shanor, Edgar E., assignor.)
Phelps Dodge Corporation. (See Fowler, M. G., and Barker, assignors.)
Phillips, James A., Hopkinsville, Ky., assignor to The Ford Meter Box Company, Wabash, Ind. Key. 2,107,834; Feb. 8.
Phillips Petroleum Company. (See Nutter, I. E., Martin, and McCullough, assignors.)
Pierce, Milo F., assignor to Western United Gas and Electric Company, Aurora, Ill. Ground rod connecter. 2,107,535; Feb. 8.
Pierson, William D., and G. W. Jackman, assignors to The Waterbury Farrel Foundry & Machine Company, Waterbury, Conn. High speed wiredrawing machine. 2,107,799; Feb. 8.
Pineo, Orrin W., Milo, Maine, assignor to The Calco Chemical Company, Inc., Bridgewater, Township, Somerset County, N. J. Spectrophotometer. 2,107,836; Feb. 8.
Pitney, Earl H., Excelsior, Minn. Crank construction for reels. 2,107,875; Feb. 8.
Platt, Herbert, Cumberland, Md., assignor to Celanese Corporation of America. Marking device. 2,107,424; Feb. 8.
Platz, Ford D., Fort Wayne, assignor to C. G. Conn, Ltd., Elkhart, Ind. Key mechanism for woodwind instruments. 2,107,583; Feb. 8.
Pneumatic Scale Corporation. (See Everett, Arthur C., assignor.)
Pöll, Hans. (See Suida, H., Pöll, and Nowak.)
Pollinger, Morris D., Stamford, Conn. Shoe display easel. 2,107,306; Feb. 8.
Pool, William O., assignor to Armour and Company, Chicago, Ill. Separating nitrile-hydrocarbon mixtures. 2,107,904; Feb. 8.
Porter, Albert N., assignor to J. F. Darby, Tulsa, Okla. Well pumping apparatus. 2,107,498; Feb. 8.
Porter, Albert N., assignor to J. F. Darby, Tulsa, Okla. Stirrup bearing for pitmans. 2,107,499; Feb. 8.
Potter, Ralph K., Madison, N. J., assignor to American Telephone and Telegraph Company. Vacuum tube with tank circuits. 2,107,287; Feb. 8.
Potter, Thomas I., Buffalo, N. Y. Refrigerator. 2,107,763; Feb. 8.
Potts, Thomas E., Los Angeles, Calif. Burner. 2,107,646; Feb. 8.
Powers, Milton A., Detroit, Mich., assignor, by mesne assignments, to The Timken-Detroit Axle Company. Carbureting ring structure for wall flame burners. 2,107,800; Feb. 8.
Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,107,584; Feb. 8.
Precision Scientific Company. (See Canuteson, Irving L., assignor.)
Presby, Leroy Q., Melrose, assignor to American Stay Company, East Boston, Mass. Printing press. 2,107,647; Feb. 8.
Preussische Bergwerks- und Hütten-Aktiengesellschaft. (See Haase, K., Kerth, and Probst, assignors.)
Preussische Bergwerks- und Hütten-Aktiengesellschaft. (See Haase, K., and Werth, assignors.)
Pribyl, Elmer L., Wymore, Nebr. Auger. 2,107,958; Feb. 8.
Price, Floyd, and A. F. Palmer, Wellsboro, Pa. Milk can conveyer. 2,107,500; Feb. 8.
Price, Nathan C., and M. Lothrop, Berkeley, Calif. Engine. 2,107,589; Feb. 8.
Prifti, Spiro, Chicago, Ill. Window. 2,107,711; Feb. 8.
Pritchard, J. F., & Company. (See Pabodie, Robert R., assignor.)
Probst, Hermann. (See Haase, K., Werth, and Probst.)
Products Protection Corporation. (See Olving, Bror G., assignor.)
Protex Weather-Strip Mfg. Co. (See Klecan, Charles E., assignor.)
Protze, Curt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Monitor. 2,107,425; Feb. 8.
Puetzer, Bruno, Albany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Guanidino and biguanidino derivatives of cyclic ether compounds. 2,107,712; Feb. 8.
Pule, Alfred E., Cleveland, Ohio, assignor to Metropolis Bending Company, Metropolis, Ill. Folding chair. 2,107,764; Feb. 8.
Purdy, Neil B., and H. A. Schneider, Milwaukee, Wis.; said Purdy assignor to said Schneider. Lighter and fuel therefor. 2,107,546; Feb. 8.
Purpura, August C., Chicago, Ill. Toaster. 2,107,388; Feb. 8.
Putterman, Benjamin, Brooklyn, N. Y., assignor to Yankee Metal Products Corp., Norwalk, Conn. Automobile lamp. 2,107,648; Feb. 8.
Pyle, Thomas M., Oklahoma City, Okla. Well reamer. 2,107,547; Feb. 8.
Pyrene Manufacturing Company. (See Hunter, John N., assignor.)
Query, Thurman, Columbus, Ind. Headlight attachment. 2,107,801; Feb. 8.
Quinn, Edward, Brooklyn, assignor to The Del-Mac Shoe Process Corporation, New York, N. Y. Shoemaking method. 2,107,501; Feb. 8.
Quinn, Edward, Brooklyn, assignor to The Del-Mac Shoe Process Corporation, New York, N. Y. Inseam trimming machine. 2,107,502; Feb. 8.
Rader, Thomas D., Glendale, assignor of one-half to R. Macintosh, Los Angeles, Calif. Quick relining brake. 2,107,503; Feb. 8.
Radio Corporation of America. (See Dreyer, John F., Jr., assignor.)
Radio Corporation of America. (See Schade, Otto H., assignor.)
Radio Corporation of America. (See Zworykin, Vladimir K., assignor.)
Ralston, Anderson W., and C. W. Christensen, assignors to Armour and Company, Chicago, Ill. Chlorinated aralkyl ketones. 2,107,905; Feb. 8.
Ramas, Jules F., Chatou, France. Device for making oneself a tie knot. 2,107,619; Feb. 8.
Ratkowski, Thomas A., Chicago Heights, Ill., assignor to The American Brake Shoe and Foundry Company. Dipper door for excavating buckets. 2,107,342; Feb. 8.
Rawlins, Albert L., Detroit, and H. C. Hamilton, Grosse Ile, assignors to Parke, Davis & Company, Detroit, Mich. Polyhydroxy poly secondary alkyl phenol germicides. 2,107,307; Feb. 8.
Raybestos-Manhattan, Inc. (See Novak, Isador J., assignor.)
Raytheon Production Corporation. (See Spencer, Percy L., assignor.)
Rea, Arthur A., La Grande, Oreg. Draft promoter for furnaces. 2,107,504; Feb. 8.
Reconstruction Finance Corporation. (See Constantine, Arthur R., assignor.)
Reconstruction Finance Corporation. (See Wiggers, Henry, assignor.)
Reed, Harold V. (See Nutt, H., and Reed.)
Reed, Harold V., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,107,741; Feb. 8.
Reed, Louis B., et al. (See Reed, Roy E., assignor.)
Reed Roller Bit Company. (See Harrington, George G., assignor.)
Reed, Roy E., Ripon, Wis., assignor of one-fourth to H. Hull, Denver, one-fourth to L. B. Reed, Greeley, Colo., and one-fourth to W. E. Haseltine, Ripon, Wis. Washing machine. 2,107,426; Feb. 8.
Regan Forge & Engineering Company. (See Foster, David T., assignor.)
Reichhold Chemicals. (See Hovey, Almon G., assignor.)
Reichhold, Helmuth. (See Hovey, Almon G., assignor.)
Reid, James S., Shaker Heights, assignor, by mesne assignments, to The Standard Products Company, Cleveland, Ohio. Strip forming apparatus. 2,107,585; Feb. 8.
Reliable Electric Co. (See Fotsch, William G., assignor.)
Remick, Lawrence E. (See James, E. F., and Remick.)
Reyerson, Lloyd H., St. Paul, Minn. Treating animal fat. 2,107,505; Feb. 8.
Richards, Horace. (See Statham, N., and Richards.)
Richter, Herbert J. (See Richter, Herman G. and H. J.)
Richter, Herman G. and H. J., Sacramento, Calif. Foam wiper. 2,107,876; Feb. 8.
Riess, Joseph. (See Asmussen, H., and Riess.)
Rigandi, Joseph R., Westerleigh, N. Y. Combined sole and arch construction for shoes. 2,107,620; Feb. 8.
Riggs, Clyde A., and T. B. Farmer, Chattanooga, Tenn. Work transferring device for knitting machines. 2,107,548; Feb. 8.
Roach, Nathan, assignor to The Cleveland Brass Manufacturing Company, Cleveland, Ohio. Making threaded connections. 2,107,802; Feb. 8.
Robbins, Willis C., Wakefield, Mass., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y. Apparatus for forming tubular articles. 2,107,837; Feb. 8.
Roberts & Mander Stove Company. (See Antrim, W. D., and Schlemmer, assignors.)
Roberts and Schaefer Company. (See Dietrich, Werner, assignor.)
Rockwood, Chester D., and K. L. Osmun, assignors to The Union Selling Company, Cincinnati, Ohio. Treating paper. 2,107,343; Feb. 8.
Rodda, Sidney. (See Bull, C. S., and Rodda.)
Rodda, Sidney. (See Shoenberg, I., Bull, and Rodda.)
Rodeghier, Frederick, Joliet, Ill. Hydraulic clutch. 2,107,344; Feb. 8.
Rodman Chemical Company. (See Rodman, Hugh, assignor.)
Rodman, Hugh, Oakmont, assignor to Rodman Chemical Company, Verona, Pa. Water treatment. 2,107,765; Feb. 8.
Rodney Hunt Machine Company. (See Frusher, Tom, Jr., assignor.)
Roe, Mayo E., Elyria, and W. H. Adams, Cleveland, assignors to The Colson Corporation, Elyria, Ohio. Vehicle of the tricycle or velocipede type. 2,107,506; Feb. 8.
Rogers, Owen A., Newark, assignor to Driver-Harris Company, Harrison, N. J. Electrode material and making the same. 2,108,004; Feb. 8.
Rogers, Stephen C., Lynn, Mass., assignor to General Electric Company. Lamp support for projectors. 2,107,906; Feb. 8.

Röhm & Haas Company. (See Bruson, Herman A., assignor.)

Rolčik, Miroslav, Brunn-Husovice, assignor to Československá Zbrojovka A. S. Brno, Brno, Czechoslovakia. Adjusting mechanism for firearms. 2,107,803; Feb. 8.

Rose, Julius, Brooklyn, N. Y. Monocycle. 2,107,766; Feb. 8.

Rose, Lynn E., assignor of two-fifths to G. Felton, one-fifth to R. Thede, and one-fifth to D. E. Farr, Aledo, Ill. Checkrow planter. 2,107,649; Feb. 8.

Rose, Maurice L., San Francisco, Calif. Incinerator. 2,107,507; Feb. 8.

Rosedale Knitting Co. (See Moser, Robert E., assignor.)

Rosendale, Stanley R., Mount Healthy, assignor to The Karl Kiefer Machine Company, Cincinnati, Ohio. Safety device for container moving machinery. 2,107,345; Feb. 8.

Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Recovery and conversion of the sulphur content of industrial gases. 2,107,907; Feb. 8.

Rosmait, John A., Manistee, Mich. Apparatus for and agitating pulp stock. 2,107,390; Feb. 8.

Ross, Simon G., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Wood heel. 2,107,391; Feb. 8.

Rossner, Ernst, K. Börner, Premnitz/Westhavelland, and H. Mahn and W. Irion, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of artificial articles from fibroin solutions. 2,107,959; Feb. 8.

Roux, Bernard, R. Gamzon, and M. Sollima, Paris, France. Modifying the acoustics of a room. 2,107,804; Feb. 8.

Rowland, Herbert R., and E. J. Smith, Kansas City, Mo., assignors to Corona Conversion Corporation. Process for refining mineral oils. 2,107,713; Feb. 8.

Rowland, Herbert R., deceased, Kansas City, Mo., by M. U. Rowland, Basking Ridge, N. J., administratrix, and E. J. Smith, Ponca City, Okla.; said H. R. Rowland and E. J. Smith assignors to Corona Conversion Corporation, Kansas City, Mo. Apparatus for refining mineral oils. 2,107,714; Feb. 8.

Rowland, Mary U., administratrix. (See Rowland, H. R., and Smith.)

Royse, Grover C., Vallejo, Calif. Clutch. 2,107,308; Feb. 8.

Rubbercraft Corporation of California, Ltd. (See Hartnack, John C., assignor.)

Ruben, Samuel, New Rochelle, N. Y. Mercury contact interrupter. 2,107,742; Feb. 8.

Rubenstein, Morris J., Northampton, Pa. Garment shaping and turning machine. 2,107,621; Feb. 8.

Ruggles, William A. (See Hull, A. W., and Ruggles.)

Rullison, Earl A., assignor to The Tillotson Manufacturing Company, Toledo, Ohio. Valve for carburetors. 2,107,998; Feb. 8.

Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Sulphonated hydrogenated abietyl derivatives and producing. 2,107,508; Feb. 8.

Runyan, William B., and A. H. Langenheim, assignors to The Dayton Malleable Iron Company, Dayton, Ohio. Jack. 2,107,715; Feb. 8.

Rupp, Emil, Berlin-Frohnau, Germany, assignor to General Electric Company. Immersion starter for pool-type discharge devices. 2,107,908; Feb. 8.

Rupp, Max G., Chicago, Ill. Electric sign. 2,107,767; Feb. 8.

Russell, Arthur O., Port Chester, N. Y. Dialyzers. 2,107,805; Feb. 8.

Russell, Harold S. (See Coffey, George E., assignor.)

Russell, William S., Salem, Va., assignor to The Dorr Company, Inc., New York, N. Y. Water treatment. 2,108,021; Feb. 8.

Safety Car Heating & Lighting Company, The. (See Strobell, John D., assignor.)

Salembier, Maurice A., Jr., Plandome, N. Y. Continuous yarn. 2,107,838; Feb. 8.

Salemme, William, West Orange, N. J., assignor to Celluloid Corporation. Tube for thermoplastic derivatives of cellulose. 2,108,022; Feb. 8.

Salemme, William, West Orange, N. J., assignor to Celluloid Corporation. Method and apparatus for making tubes of thermoplastic derivatives. 2,108,023; Feb. 8.

Sanford, Carl J. (See Walker, A. O., and Sanford.)

Sauer, Anthony M., Cincinnati, Ohio. Glare shield structure. 2,107,586; Feb. 8.

Schaaf, John, Buffalo, N. Y. Centrifuge. 2,107,909; Feb. 8.

Schade, Otto H., West Caldwell, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,107,520; Feb. 8.

Schaefer, Frederic, Pittsburgh, Pa. Brake shoe key. 2,107,768; Feb. 8.

Schenck, Gerhard, Ludwigshafen-on-the-Rhine, Germany, assignor to E. Bilhuber, Inc., Jersey City, N. J. Therapeutic derivative of the genus lactuca and preparing same. 2,107,839; Feb. 8.

Schlesmer, Alfred W. (See Antrim, W. D., and Schlesmer.)

Schlesinger, Kurt, Berlin, Germany. Television arrangement. 2,107,392; Feb. 8.

Schlesinger, Kurt, Berlin, Germany. Radio receiving system. 2,107,393; Feb. 8.

Schlesinger, Kurt, Berlin, Germany. Radio receiving system. 2,107,394; Feb. 8.

Schlesinger, Kurt, Berlin, Germany. Radio receiving system. 2,107,395; Feb. 8.

Schmalfeldt, Hans, Cassel-Brasselsberg, Germany. Reduction of fine iron ores. 2,107,540; Feb. 8.

Schmidt, Hugo E., New Bedford, Mass. Loom reed. 2,107,877; Feb. 8.

Schmidt, Kurt, Wuppertal–Elberfeld-Grenze, Germany, assignor to North American Rayon Corporation. Winding process for filaments of artificial origin. 2,107,996; Feb. 8.

Schmidt, Paul C., Nutley, N. J. Nut lock. 2,107,550; Feb. 8.

Schneider, Herman A. (See Purdy, N. B., and Schneider.)

Schneider Iron Works. (See Lotz, Rudolph W., assignor.)

Scholtz, Otto A., Waterloo, Iowa. Shape cutting machine. 2,107,396; Feb. 8.

Schrader's, A., Son, Incorporated. (See Williams, Selden T., assignor.)

Schubert & Salzer Maschinenfabrik Aktiengesellschaft. (See Heinitz, Woldemar, assignor.)

Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Metal barrel. 2,107,992; Feb. 8.

Schumacher, Willy, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. 2,6-dimethylnaphthalene-1-sulphonic acid and preparing it. 2,107,910; Feb. 8.

Schuster, Fritz, Chemnitz, Germany. Matting process. 2,107,960; Feb. 8.

Schwager, Henry A. (See Crawford, J. M., and Schwager.)

Schwarz, Gustav, G. m. b. H. (See Grabarse, M., and Hoffmann, assignors.)

Schwarz, Theodor A. (See Pape, C. B., Thayer, and Schwarz.)

Schwarzler, Albert J., New York, N. Y. Mold for concrete walls or the like. 2,107,427; Feb. 8.

Scott, Francis E. (See Otto, W., and Scott.)

Sebek, Albert T., Chicago, Ill. Ornament. 2,107,840; Feb. 8.

Secretary of Agriculture of U. S. A., Henry A. Wallace. (See Emmett, Paul H., assignor.)

Seeburg, Noel M. (See Wallin, F. E. A., Johnson, K. J. and C. G., assignors.)

Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,107,509; Feb. 8.

Seider, Leo J., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Articulation joint for locomotives and cars. 2,107,841; Feb. 8.

Seiler, Dayton A., assignor to J. F. Seiler, Elizabethton, Tenn. Cap cover stretcher. 2,107,961; Feb. 8.

Seiler, Justin F. (See Seiler, Dayton A., assignor.)

Sellers, William, & Company. (See Pedrick, Irenee P., assignor.)

Semet-Solvay Engineering Corporation. (See McIntire, Charles V., assignor.)

Seng Company, The. (See Fox, Martin, assignor.)

Seward, David E., et al. (See Vanderpoel, Albert G. H., assignor.)

Sexton, Isaac E., Winchester, Mass. Bail ear for sheet metal vessels and making the same. 2,107,428; Feb. 8.

Sexton, John R., Meriden, Conn. Flexible decorative strip. 2,107,677; Feb. 8.

Shaffer, Don, Tool Company. (See Van Stone, Clifford E., assignor.)

Shanklin Manufacturing Company. (See Horsley, James H., assignor.)

Shanor, Edgar E., assignor to The Petroleum Iron Works Company of Ohio, Sharon, Pa. Closing sealing rings. 2,108,024; Feb. 8.

Shaw, Robert D., Brooklyn, N. Y., assignor to Niles-Bement-Pond Company, Hartford, Conn. Hydraulic operation and control of machine tools. 2,108,025; Feb. 8.

Sheasby, Hugh C., Kimberley, South Africa. Pillow. 2,107,962; Feb. 8.

Shell Development Company. (See Bent, Franklin A., assignor.)

Shell Development Company. (See Evans, T., and Edlund, assignors.)

Shell Development Company. (See Rosenstein, Ludwig, assignor.)

Shell Development Company. (See van Dijck, Willem, J. D., assignor.)

Shickluna, Kitt S. (See Braun, J. L., and Shickluna.)

Shoenberg, Isaac, London, C. S. Bull, Hillingdon, and S. Rodda, Enfield, assignors to Electric and Musical Industries Limited, Middlesex, England. Electron discharge device. 2,107,519; Feb. 8.

Short, Charles E. (See Dressel, G. F., and Short.)

Shoup, Allen A., assignor to Universal Stamping & Mfg. Co., Chicago, Ill. Sound reproducing and recording mechanism for the films of motion picture projectors. 2,107,743; Feb. 8.

Sieglitz, Adolf, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Preparing 1-methylnaphthalene-7-sulphonic acid and 1-methyl-7-hydroxy-naphthalene. 2,107,911; Feb. 8.

Siemens & Halske Aktien-Gesellschaft. (See Vatter, Hans, assignor.)

Simons, Robert J., Springfield, Mass. Painter's apparatus. 2,107,769; Feb. 8.

Simpson, William K., assignor to Hoffman Specialty Company, Waterbury, Conn. Steam trap and balanced valve. 2,107,551; Feb. 8.

Singer Manufacturing Company, The. (See Allen, E. B., Knox, and Faulkner, assignors.)

Singleton, John C., Vinton, assignor of one-fourth to I. Cunniff, Lake Charles, La. Well casing setting and backing-off coupling. 2,107,716; Feb. 8.

Skell, Lewis. (See Miller, F. P., and Skeel.)

Skinner, Chame D., Springdale, and L. C. Bradley, New Kensington, Pa. Manufacturing extruded articles. 2,107,510; Feb. 8.

Skjerven, Betsy P., Brooklyn, N. Y. Steam table. 2,107,346; Feb. 8.

Sloane, Max. (See Sloane, Nathan and M.)

Sloane, Nathan and M., Brooklyn, N. Y. Reversible handbag cover. 2,107,347; Feb. 8.

Smith, Charles H., St. Petersburg, Fla. Drinking mouthpiece for bottles or the like. 2,107,309; Feb. 8.

Smith, Charles H., and J. E. Conner, Casper, Wyo.; said Conner assignor to said Smith. Display device. 2,108,002; Feb. 8.

Smith, Charles J., assignor to The Dayton Malleable Iron Company, Dayton, Ohio. Jack. 2,107,717; Feb. 8.

Smith, Emerson P. (See Benson, Edward E., assignor.)

Smith, Eugene J. (See Rowland, H. R., and Smith.)

Smith, Ewen R., assignor to Papercrete Limited, London, England. Forming of paperboards. 2,107,587; Feb. 8.

Smith, Frank B., and J. E. Livak, assignors to The Dow Chemical Company, Midland, Mich. Preparation of pentachlorophenol. 2,107,650; Feb. 8.

Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,107,397; Feb. 8.

Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,107,398; Feb. 8.

Smith, Joseph L., Glen Ellyn, Ill. Muffler repair jacket. 2,107,588; Feb. 8.

Smith, Lester C., West Hartford, assignor to The Spencer Turbine Company, Hartford, Conn. Hood for rock drills. 2,107,552; Feb. 8.

Smith, Sidney R., Liverpool, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Electric switch. 2,107,651; Feb. 8.

Smoot, Theophilus H., assignor to Anchor Post Fence Company, Baltimore, Md. Oil burner. 2,107,452; Feb. 8.

Société Anonyme Anciens Etablissements Hotchkiss & Cie. (See Sutter, C., and Boussel, assignor.)

Societe Anonyme "Transformateurs de Mesure E. Walter". (See Bajon, Adolphe, assignor.)

Société Francaise de la Viscose S. A. (See Lefebvre-Carnot, P., and Vautier, assignors.)

Socony-Vacuum Oil Company. (See Foster, William H., assignor.)

Socony-Vacuum Oil Company. (See Story, B. W., and Kalichevsky, assignors.)

Soderberg, Karl Gustaf, and H. Brown, assignors to Udylite Company, Detroit, Mich. Ductile cadmium coating. 2,107,806; Feb. 8.

Sollima, Mario. (See Roux, B., Gamson, and Sollima.)

Solomon, Morris B., New York, N. Y. Serving tray. 2,107,744; Feb. 8.

Solomon, Nathan L., Brooklyn, N. Y. Ringlet curler. 2,107,348; Feb. 8.

Solomon, Nathan L., Brooklyn, N. Y. Hair winder. 2,107,349; Feb. 8.

Spalding, A. G., & Bros. (See Hermson, John H., assignor.)

Specter, Elias, et al. (See Drexler, Samuel, assignor.)

Spencer, Percy L., West Newton, Mass., assignor, by mesne assignments, to Raytheon Production Corporation. Glow lamp. 2,107,399; Feb. 8.

Spencer Turbine Company, The. (See Smith, Lester C., assignor.)

Sperry Gyroscope Company Inc. (See Nisbet, Robert H., assignor.)

Sperry-Sun Well Surveying Company. (See Kothny, Gottdank L., assignor.)

Sperti, George, Covington, Ky. Device for promoting uniform and homogeneous freezing. 2,107,718; Feb. 8.

Spieth, Karl A., Kearney, Nebr. Tire deflation indicator. 2,107,912; Feb. 8.

Spooner, Charles E., Arkansas City, Kans. Waterproof coating or paint and making same. 2,107,511; Feb. 8.

Square D Company. (See Jackson, John G., assignor.)

Stabbal, Oscar J., Lakewood, Ohio. Refrigerator. 2,107,400; Feb. 8.

Stader, Florence M., Plymouth, Mich. Fastening device. 2,107,913; Feb. 8.

Stallmann, Otto, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of the alkali metal salts of 2-benzoylbenzoic acid compounds. 2,107,652; Feb. 8.

Standard Alcohol Co. (See Archibald, Francis M., assignor.)

Standard Oil Development Company. (See Wiezevich, P. J., and Turner, assignors.)

Standard Products Company, The. (See Reid, James S., assignor.)

Standard Railway Equipment Company. (See Gilpin, Garth G., assignor.)

Standard Railway Equipment Manufacturing Company. (See Gilpin, Garth G., assignor.)

Standard Stoker Company, Te. (See Anderson, Howard P., assignor.)

Standard Stoker Company, The. (See Ketchpel, Paul A., assignor.)

Star Expansion Bolt Company. (See Hungerford, Daniel C., assignor.)

Statham, Noel, Irvington-on-Hudson, N. Y., and H. Richards, Luke, Md., assignors to West Virginia Pulp and Paper Company, New York, N. Y. Dustless bag discharge hopper. 2,107,995; Feb. 8.

Stathem, Vereau L., Riverdale, Calif. Sack sewing apparatus. 2,107,963; Feb. 8.

Stathem, Vereau L., Riverdale, Calif. Filled sack sewing apparatus. 2,107,964; Feb. 8.

Stearns-Roger Manufacturing Company, The. (See Cromble, George, Sr., assignor.)

Steel Heddle Manufacturing Company. (See Fehr, Harry W., assignor.)

Stokes, F. J., Machine Company. (See Westin, Charles J., assignor.)

Story, Bertrand W., and V. A. Kalichevsky, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Refining petroleum. 2,107,429; Feb. 8.

Stough, Turney H., assignor to The Jeannette Steel Corporation, Jeannette, Pa. Carpet sweeper. 2,108,003; Feb. 8.

Strauss, Siegmund, Vienna, Austria. Safety buckle. 2,107,878; Feb. 8.

Streicher, Johann S., assignor to American Platinum Works, Newark, N. J. Alloys. 2,107,310; Feb. 8.

Steinberg, Julius, New York, N. Y. Laying-in elastic strand in the edge of a mesh fabric. 2,107,512; Feb. 8.

Steinhart, Ferdinand, Kearny, N. J., assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio. Woven wire fabrics. 2,107,719; Feb. 8.

Steinway & Sons. (See Bilhuber, Paul H., assignor.)

Sterling Electric Motors, Inc. (See Johnson, Carl E., assignor.)

Stewart, Milford D. (See McCormick, E., Stewart, and Worthington.)

Stricker, Albert H., Cleveland, and M. W. Ulf, Shaker Heights, Ohio, assignors to General Electric Company. Electric lamp attachment fixture. 2,107,914; Feb. 8.

Strickler, John C., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Key attaching machine. 2,107,311; Feb. 8.

Stripling, Luke S., Amarillo, Tex. Tree pruner. 2,107,401; Feb. 8.

Strobell, John D., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Air filter for railroad cars. 2,107,653; Feb. 8.

Stromberg-Carlson Telephone Manufacturing Company. (See Veal, Gentry, assignor.)

Stuart, Henry J., New Haven, Conn. Hose supporter button. 2,107,453; Feb. 8.

Stubbins, John T., Youngstown, Ohio. Signal device. 2,107,350; Feb. 8.

Sulda, Herman, H. Pöll, Vienna, and A. Nowak, Modling, Austria. Separating mineral oil products. 2,107,807; Feb. 8.

Sullivan Machinery Company. (See Holmes, Morris P., assignor.)

Superheater Company, The. (See Birmingham, Thomas F., assignor.)

Superheater Company, The. (See Caracristi, Virginius Z., assignor.)

Superheater Company, The. (See Gordon, Charles W., assignor.)

Sure Feed Limited. (See Hughes, Cecil, assignor.)

Sutter, Charles, Suresnes, and A. Boussel, Courbevoie, assignors to Société Anonyme Anciens Etablissements Hotchkiss & Cie, Levallois-Perret, France. Automatic firearm. 2,108,026; Feb. 8.

Swander, Louis A., Osborne, Kans. Dial cover for water meters. 2,107,720; Feb. 8.

Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,107,454; Feb. 8.

Swenson, Carl E., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Universal drive mechanism. 2,107,721; Feb. 8.

Swift, George W., Jr., Inc. (See Swift, George W., Jr., assignor.)

Swift, George W., Jr., assignor to George W. Swift, Jr., Inc., Bordentown, N. J. Corrugated paperboard making machine. 2,107,430; Feb. 8.

Switzer, Clarence W., Crawfordsville, Ind. Trailer coupling. 2,107,965; Feb. 8.

Swoger, William, Ferndale, Mich. Centrifugal cast. 2,107,513; Feb. 8.

Syracuse Trust Company, trustee. (See Holt, T. W., and Levan, assignors.)

Taguchi, Junzo, Tokyo-shi, Japan. Attachment for artificial teeth. 2,107,966; Feb. 8.

Tait, James H., et al. (See Beck, Clarence E., assignor.)

Tamis, Jack, New York, N. Y. Pencil. 2,107,879; Feb. 8.

Tamper-Proof Seal Corporation. (See O'Neill, Frank, Jr., assignor.)

Tashjian, Armen H., Cleveland Heights, Ohio. Conduit molding. 2,107,915; Feb. 8.

Taubensee, Henry A., assignor of one-half to E. H. Geyer, Chicago, Ill. Joint for concrete structures. 2,107,351; Feb. 8.

Tauss, Martin, Chicago, Ill. Shaping fur heads of pelts. 2,107,916; Feb. 8.

Taylor, Edward W., assignor to S. G. Taylor Chain Co., Hammond, Ind. Antiskid cross chain. 2,107,431; Feb. 8.

Taylor, Leonard, Port, Okla. Dam forming attachment. 2,107,967; Feb. 8.

Taylor, S. G., Chain Co. (See Taylor, Edward W., assignor.)

Tebo, William A., Anthony, R. I. Shuttle tension. 2,107,917; Feb. 8.

Technicolor Motion Picture Corporation. (See Ball, Joseph A., assignor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buschbeck, Werner, assignor.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Protze, Curt, assignor.)

Tevea, Maarten C., and J. H. de Boer, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Phototube. 2,107,352; Feb. 8.

Texas Company, The. (See Gee, William P., assignor.)

Texas Company, The. (See Kaufman, Gus, assignor.)

Thayer, Elisha N. (See Pape, C. B., Thayer, and Schwarz.)

Thede, Ralph, et al. (See Rose, Lynn E., assignor.)

Thomas, Howard S. (See Parks, H. H., and Thomas, Lee A. and H. S.)

Thomas, Lee A. (See Parks, H. H., and Thomas, Lee A. and H. S.)

Thomas, William E., Charlotte, N. C. Display box stand. 2,107,991; Feb. 8.

Thompson, Andrew C., Miami, Fla. Window and its associated shade. 2,107,432; Feb. 8.

Thompson, Charles S., Elmhurst, and F. A. Kucera, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,107,918; Feb. 8.

Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,107,678; Feb. 8.

Thompson, Joseph W., Portland, Oreg. Attachment for apprehending motor vehicles. 2,107,312; Feb. 8.

Thompson, Tom H., Detroit, Mich. Leaf spring treatment. 2,107,455; Feb. 8.

Thornhill, Peter W. (See Onions, J. H., and Thornhill.)

Tillotson Manufacturing Company, The. (See Rullison, Earl A., assignor.)

Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Ophthalmic instrument. 2,107,553; Feb. 8.

Timken-Detroit Axle Company, The. (See Powers, Milton A., assignor.)

Tokheim Oil Tank and Pump Company. (See Bechtold, Reuben E., assignor.)

Tosterud, Martin. (See Work, H. K., and Tosterud.)

Tour, Sam, New York, N. Y., assignor to U. S. Ring Traveler Company, Providence, R. I. Ring traveler. 2,108,027; Feb. 8.

Touton, Rush D. (See Wurman, H. P., and Touton.)

Trail, John O., Forest City, Iowa. Fence post brace. 2,107,589; Feb. 8.

Trans-Lax Corporation. (See Newman, David F., assignor.)

Trapp, George J., Merton Park, London, assignor to Automotive Products Company Limited, London, England. Cam and follower mechanism. 2,107,456; Feb. 8.

Troxel Manufacturing Company, The. (See Brandt, J. W., and Linder, assignors.)

Trubenising Process Corporation. (See Liebowitz, Benjamin, assignor.)

Truscon Steel Company. (See Schulz, Walter F., assignor.)

Truslow, James L., and R. J. McConnell, assignors to Whitin Machine Works, Whitinsville, Mass. Long draft spinning cradle. 2,107,433; Feb. 8.

Tubise Chatillon Corporation. (See Oppenlaender, Oskar, assignor.)

Turner, Carroll O., East St. Louis, and M. P. Weigel, St. Louis, Mo., assignors to Aluminum Company of America, Pittsburgh, Pa. Continuous digestion process. 2,107,919; Feb. 8.

Turner, Luther B. (See Wiesevich, P. J., and Turner.)

Tyson, Theodore J. W. (See Jandus, H. S., and Tyson.)

U S L Battery Corporation. (See Henry, Harry H., assignor.)

Udylite Company. (See Soderberg, K. G., and Brown, assignors.)

Ulf, Marshall W. (See Stricker, A. H., and Ulf.)

Ulline, Migiel J., Washington, D. C. Machine for cutting ice. 2,107,968; Feb. 8.

Underwood Elliott Fisher Company. (See Borg, Ernest M. R., assignor.)

Underwood Elliott Fisher Company. (See Dobson, William A., assignor.)

Underwood Elliott Fisher Company. (See Smith, Jesse A. B., assignor.)

Union Oil Company of California. (See Wade, Maner L., assignor.)

Union Selling Company, The. (See Rockwood, C. D., and Osmun, assignors.)

Union Special Machine Company. (See Christensen, N. V., and Hacklander, assignors.)

Union Special Machine Company. (See Thompson, C. S., and Kucera, assignors.)

Union Starch and Refining Company. (See Fetzer, Walter R., assignor.)

Union Switch & Signal Company, The. (See Behrens, Teodoro A., assignor.)

Union Switch & Signal Company, The. (See Crago, Paul H., assignor.)

Union Switch & Signal Company, The. (See Kemmerer, Ralph R., assignor.)

Union Switch & Signal Company, The. (See Thompson, Howard A., assignor.)

United Shoe Machinery Corporation. (See Bazzoni, Lewis J., assignor.)

United Shoe Machinery Corporation. (See Bray, William N., assignor.)

United Shoe Machinery Corporation. (See Gookin, Sylvester L., assignor.)

United Shoe Machinery Corporation. (See Ross, Simon G., assignor.)

U. S. Ring Traveler Company. (See Tour, Sam, assignor.)

United States Rubber Products, Inc. (See Honig, Frank, assignor.)

Universal Oil Products Company. (See Barnes, John B., assignor.)

Universal Oil Products Company. (See Huff, Lyman C., assignor.)

Universal Oil Products Company. (See Ipatieff, V., and Komarewsky, assignors.)

Universal Oil Products Company. (See Mekler, Lev A., assignor.)

Universal Oil Products Company. (See Seguy, Jean D., assignor.)

Universal Oil Products Company. (See Swartwood, Kenneth, assignor.)

Universal Stamping & Mfg. Co. (See Shoup, Allen A., assignor.)

Urquhart, Radcliffe M., Philadelphia, Pa. Hand operated fire extinguisher. 2,107,313; Feb. 8.

Utah Radio Products Company. (See Barrett, Edward L., assignor.)

Vagnelatos, James, Toledo, Ohio. Hair treatment. 2,107,554; Feb. 8.

Vail, Edwin H., Los Angeles, Calif. Container opening device and pouring device. 2,107,654; Feb. 8.

Valtat, Raymond L. A., St. Mande, France. Making record cards for statistical machines. 2,107,969; Feb. 8.

Van Bree, Hubert. (See Frace, A., and Van Breen.)

Van Buskirk, William H., assignor of one-half to O. Beaulieu, Vancouver, British Columbia, Canada. Insulated milk bottle container. 2,107,590; Feb. 8.

Vanderpool, Albert G. H., Wilmar, assignor of one-third to J. O'Laverty and one-third to D. E. Seward, Los Angeles, Calif. Automatically controlling flow of fuel mixture to internal combustion engines. 2,107,314; Feb. 8.

Van der Tuuk, Jacob H. (See Bouwers, A., and van der Tuuk.)

Van Dijck, Willem J. D., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,107,681; Feb. 8.

Van Ittersum, Willem H. A. G., Bilthoven, Netherlands. Kite. 2,107,808; Feb. 8.

Van Stone, Clifford E., Taft, Calif., assignor to Don Shaffer Tool Corporation. Apparatus for making casing and formation tests in wells. 2,107,457; Feb. 8.

Vatter, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske Aktien-Gesellschaft, Berlin-Siemensstadt, Germany. Lead-in for electron discharge devices. 2,107,353; Feb. 8.

Vautier, Leon P. G. (See Lefebvre-Carnot, P., and Vautier.)

Veal, Gentry, assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Apparatus for reproducing sound. 2,107,920; Feb. 8.

Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash construction. 2,107,842; Feb. 8.

Vimeux, Léon, St.-Ouen, France. Mechanical propulsion toy-vehicle. 2,107,722; Feb. 8.

Vogel-Peterson Co. Inc. (See Magnuson, Raymond A., assignor.)

Vogt, Carl W., and G. A. Humason, Houston, Tex. Tester. 2,107,655; Feb. 8.

Voitter, Louis A., et al. (See Cohn, Adolph H., assignor.)

Von Seebeck, George, Syndicate Manager, of Duo Syndicate. (See Ballard, John R., assignor.)

Wade, Maner L., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,107,770; Feb. 8.

Wade, Maner L., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,107,771; Feb. 8.

Wade, Maner L., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,107,772; Feb. 8.

Wadsworth, James M., Tulsa, Okla. Apparatus for decolorizing or desulphurizing hydrocarbons. 2,107,354; Feb. 8.

Wahlin, Fritz. (See Bramsen, S., and Wahlin.)

Wahlin, Fritz. (See Gustafsson, E., and Wahlin.)

Wainwright, Walter, Brooklyn, assignor to H. W. Hardie, New York, N. Y. Plug for tubes. 2,107,315; Feb. 8.

Walker, Albert O., and C. J. Sanford, Independence, Mo. Device for mentholizing cigarettes. 2,107,591; Feb. 8.

Wall, Reuben E., Winston-Salem, N. C. Unloading truck. 2,107,682; Feb. 8.

Wallin, Fred E. A., Chicago, K. T. Johnson, Palatine, and C. G. Johnson, assignors to N. M. Seeburg, Chicago, Ill. Apparatus for separating genuine and spurious coins. 2,107,402; Feb. 8.

Walsh, John L., Baltimore, Md., assignor to May Oil Burner Corporation. Stapling machine attachment. 2,107,555; Feb. 8.

Walsh, Patrick H., East Orange, N. J., assignor to Geo. S. Harwood & Son, Boston, Mass. Textile manufacture. 2,107,458; Feb. 8.

Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges. (See Ewald, Heinrich K. F., assignor.)

Warner, John L., Fremont, Nebr. Automatic air regulator for incubators. 2,107,909; Feb. 8.

Waterbury Farrel Foundry & Machine Company. (See Pierson, W. D., and Jackman, assignors.)

Watson, Leston, Ardmore, Okla. Drilling mechanism. 2,107,556; Feb. 8.

Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Brake cylinder assembly and making same. 2,107,403; Feb. 8.

Weatherhead Company, The. (See Weatherhead, Albert J., Jr., assignor.)

Weed, Walter A., Lakeland, Fla. Grinding device. 2,107,921; Feb. 8.

Weigel, Melvin P. (See Turner, C. O., and Weigel.)

Weller, Ernest E., Providence, R. I. Tassel. 2,107,459; Feb. 8.

Wells, Emil C., Kauneonga Lake, N. Y. Hydraulic vise. 2,107,970; Feb. 8.

Werth, Helmut. (See Haase, K., Werth, and Probst.)

Wertheim, Hugo. (See Liebesny, P., and Wertheim.)

West Virginia Pulp and Paper Company. (See Statham, N., and Richards, assignors.)

Western Geophysical Company. (See Eisler, Joseph D., assignor.)

Western United Gas and Electric Company. (See Pierce, Milo F., assignor.)

Westlin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Collapsible tube testing apparatus. 2,107,922; Feb. 8.

Wherry, Earle E., Oklahoma City, Okla. Wire line ends and forming same. 2,107,810; Feb. 8.

White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,107,723; Feb. 8.

Whitin Machine Works. (See Truslow, J. L., and McConnell, assignors.)

Whitney Metal Tool Company. (See Gardner, Ralph D., assignor.)

Whittington, Ralph S., Oak Park, Ill., assignor to Bendix Products Corporation, South Bend, Ind. Automatic clutch control device. 2,107,724; Feb. 8.

Wiesevich, Peter J., now by change of name P. J. Gaylor, and L. B. Turner, Elisabeth, N. J., assignors to Standard Oil Development Company. Ester-containing lubricants and making the same. 2,107,316; Feb. 8.

Wiggers, Henry, Chandler, Ind., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Refrigerating apparatus. 2,107,317; Feb. 8.

Wildhaber, Ernest, Irondequoit, assignor to Gleason Works, Rochester, N. Y. Method of and mechanism for producing gears. 2,107,460; Feb. 8.

Wilkie, Robert J. (See Crysler, H. S., and Wilkie.)

Wilkin, Arthur J., San Pedro, Calif. Combination desk and chair. 2,107,404; Feb. 8.

Willging, Louis F., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Automatic volume control system. 2,107,514; Feb. 8.

Williams, Robert C. (See Bone, Hugh M., and Williams.)

Williams, Selden T., Bellerose, assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Rotating joint for running inflation. 2,107,405; Feb. 8.

Williams, Wilbur D., Washington Court House, Ohio. Animal trap. 2,107,683; Feb. 8.

Wilsdorf, Frank A., assignor to Nu-line Manufacturing Company, Incorporated, St. Louis, Mo. Portable seat. 2,107,860; Feb. 8.

Wilson, Lincoln B., Barberton, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Weldrod. 2,107,434; Feb. 8.

Wingfoot Corporation. (See Morris, Thomas C., assignor.)

Winkler, Friedrich, Toronto, Ontario, Canada. Closure for collapsible tubes. 2,107,355; Feb. 8.

Winthrop Chemical Company. (See Puetzer, Bruno, assignor.)

Wittenberg, Mervyn F., Rochester, N. Y. Display device for wearing apparel. 2,107,356; Feb. 8.

Wolfensberger, Jakob, Bauma, Switzerland. Loom for weaving. 2,107,592; Feb. 8.

Wollheim, Walter E. (See Folke, B. E., and Wollheim.)

Woltersdorf, Elmer J., Van Horne, Iowa. Gearing. 2,107,463; Feb. 8.

Wood, Edward L., Detroit, Mich. Filter. 2,107,406; Feb. 8.

Wood, Garfield A., Detroit, Mich. Vacuum actuated automobile control. 2,107,357; Feb. 8.

Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web supply arrangement of printing presses. 2,107,461; Feb. 8.

Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Connecting sheets of a newspaper. 2,107,462; Feb. 8.

Wood, Zebulon V., and G. B. Melton, Gaffney, S. C., assignors of three-fourths to said Z. V. Wood and one-fourth to said G. B. Melton. Scalp cooling apparatus. 2,107,557; Feb. 8.

Wood Newspaper Machinery Corporation. (See Wood, Henry A. W., assignor.)

Work, Harold K., Oakmont, and M. Tosterud, Arnold, assignors to Aluminum Company of America, Pittsburgh, Pa. White coating on aluminum. 2,107,318; Feb. 8.

Worth Company, The. (See Butterworth, S. D., and Nampa, assignors.)

Worth Company, The. (See Nampa, Sulo M., assignor.)

Worthington, Wayne H. (See McCormick, E., Stewart, and Worthington.)

Wright, Jesse C. (See Creighton, Thomas A., assignor.)

Wuerts, Alexander J., Carrollville, and R. N. Lulek, Waukesha, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the dibenzanthrone series. 2,107,656; Feb. 8.

Wunsch, Guido, and W. Hartung, Berlin-Steglitz, Germany, assignors to Askania-Werke A. G. vormals Central Werkstatt Dessau und Carl Bamberg Friedenau. Jet pipe relay. 2,107,971; Feb. 8.

Wurman, Harry P., Brooklyn, N. Y., and R. D. Touton, assignors to Wurton Machine Company, Philadelphia, Pa. Treating tobacco. 2,107,843; Feb. 8.

Wurton Machine Company. (See Wurman, H. P., and Touton, assignors.)

Yankee Metal Products Corp. (See Putterman, Benjamin, assignor.)

Yeadon, Robert. (See Hale, F. C., and Yeadon.)

Yonkers, Edward H., Jr., Chicago, Ill. Amplifier tube. 2,107,811; Feb. 8.

Young, L. A., Spring and Wire Corporation. (See Koliba, Thomas, assignor.)

Yu, Chan Ting, also known as T. Y. Chan, North Point, China. Electric battery lamp. 2,107,599; Feb. 8.

Zeiss Ikon Aktiengesellschaft Dresden. (See Küppenbender, Heinz, assignor.)

Zellhoefer, Glenn F., Bloomington, Ill. Absorption refrigerating apparatus. 2,107,319; Feb. 8.

Zellhoefer, Glenn F., Bloomington, Ill. Refrigeration. 2,107,320; Feb. 8.

Zimmerman, Herman W., Chicago, assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Gauging fixture. 2,107,558; Feb. 8.

Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Television system. 2,107,464; Feb. 8.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 8TH DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Air conditioning. T. Chester. Re. 20,650; Feb. 8.
Deceleration control device, Automatic. A. G. H. Vanderpool. Re. 20,651; Feb. 8.
Thermostatic overload switch. H. J. Hammerly. Re. 20,649; Feb. 8.

LIST OF DESIGN INVENTIONS

Automobile. D. F. H. Fitzmaurice. 108,322–3; Feb. 8.
Base, Washing machine. A. H. Labisky. 108,395; Feb. 8.
Bedspread. C. H. Rauschenberg. 108,403; Feb. 8.
Belt for pedestrians, Safety. T. E. Miller. 108,337; Feb. 8.
Blouse. I. Absug. 108,385; Feb. 8.
Bowl or similar article, Sugar. Y. Buma. 108,357; Feb. 8.
Bowl or similar article. Y. Buma. 108,360; Feb. 8.
Building. A. E. Sieber. 108,349; Feb. 8.
Cabinet for radios and the like. N. A. Miller. 108,338; Feb. 8.
Cap, Bottle. S. H. A. Young. 108,353; Feb. 8.
Casing, Air valve. E. J. Lux. 108,335; Feb. 8.
Clock. J. R. Morgan. 108,341; Feb. 8.
Coat. M. Bagedonow. 108,386–8; Feb. 8.
Coat. J. A. Silverman. 108,407; Feb. 8.
Comb. H. J. Scheihammer. 108,347–8; Feb. 8.
Container and display cabinet, Combined article. T. J. Pilliod. 108,345; Feb. 8.
Cover for canned products, Wrap. M. Buchalter. 108,317; Feb. 8.
Creamer or similar article. Y. Buma. 108,358; Feb. 8.
Cutter element for food choppers. E. E. Grow. 108,326; Feb. 8.
Doll or similar article. C. K. Kempner. 108,332; Feb. 8.
Dress. T. Coleman. 108,391; Feb. 8.
Dress. R. Hochberg. 108,394; Feb. 8.
Dress. H. Lowenbraun. 108,396; Feb. 8.
Dress. M. Mullen. 108,398–400; Feb. 8.
Dress. M. Pono. 108,401; Feb. 8.
Dress. S. Zahn. 108,410–11; Feb. 8.
Dress ensemble. C. H. Colcord. 108,389; Feb. 8.
Dress ensemble. T. Coleman. 108,390; Feb. 8.
Drier or the like, Hair. D. Chapman. 108,681; Feb. 8.
Fabric, Embroidered. A. Ruchman. 108,413; Feb. 8.
Fabric or similar article, Textile. L. N. Gross. 108,382; Feb. 8.
Fabric, Textile. A. S. Hatcher. 108,393; Feb. 8.
Fabric, Textile. F. B. Sterman. 108,406; Feb. 8.
Fabric, Textile. M. Turpan. 108,414–16; Feb. 8.
Fabric, Woven textile. J. G. Levy. 108,412; Feb. 8.
Frame, Picture. M. Mitchell. 108,339; Feb. 8.
Holder, Cigarette. J. Lykos and O. H. Beaumont. 108,336; Feb. 8.
Holder, Lipstick. M. Kane. 108,330; Feb. 8.
Jar. E. W. Fuerst. 108,324; Feb. 8.
Jar or similar article. Y. Buma. 108,361; Feb. 8.
Jug or similar article. Y. Buma. 108,359; Feb. 8.
Lamp base and radio, Combined. N. E. Pool and F. N. Curby. 108,402; Feb. 8.
Lantern and bottle, Combined. A. J. Hortenau. 108,327; Feb. 8.
Medallion or the like. I. Neu. 108,343; Feb. 8.
Plate or similar article. Y. Buma. 108,356; Feb. 8.
Plate or similar article. Y. Buma. 108,367–80; Feb. 8.
Rack for bread or similar articles. E. R. Erickson. 108,321; Feb. 8.
Receptacle, Flexible pocket. W. R. Buxton. 108,316; Feb. 8.
Scale. O. D. Jennings. 108,329; Feb. 8.
Shaker, Salt or pepper. Y. Buma. 108,364–6; Feb. 8.
Shoe. B. Benjamin. 108,315; Feb. 8.
Shoe. H. Geller. 108,325; Feb. 8.
Shoe. A. D. Levine. 108,333; Feb. 8.
Shoe. A. W. Luts. 108,334; Feb. 8.
Shoe. F. Molea. 108,340; Feb. 8.
Shoe, Tennis. J. F. Eldon. 108,320; Feb. 8.
Sock or similar article, Top. A. Morrison. 108,342; Feb. 8.
Spoon or other article of flatware. E. J. Conroy. 108,318; Feb. 8.
Spoon or other article of flatware. M. A. Downs. 108,319; Feb. 8.
Stamp or similar article, Tax. A. Rabito. 108,384; Feb. 8.
Stand for business machines. W. A. Anderson. 108,313; Feb. 8.
Stopper and liquid pourer, Combined bottle. C. A. McBride and P. J. Callowhill. 108,397; Feb. 8.
Store front. M. Levitt. 108,383; Feb. 8.
Stove, Cooking. W. H. Adams. 108,312; Feb. 8.
Suit. J. A. Silverman. 108,408; Feb. 8.
Suit ensemble. J. A. Silverman. 108,405; Feb. 8.
Sweater. M. H. Scheinwald. 108,404; Feb. 8.
Switch, Electric. J. G. Peterson. 108,344; Feb. 8.
Teacup or similar article. Y. Buma. 108,354; Feb. 8.
Teapot or similar article. Y. Buma. 108,355; Feb. 8.
Teapot or similar article. Y. Buma. 108,362–3; Feb. 8.
Tower, Advertising. W. G. Baryl. 108,314; Feb. 8.
Toy sign. C. W. Jackson. 108,328; Feb. 8.
Tray, Foot bath. C. L. Weirich. 108,352; Feb. 8.
Tray or similar article. R. A. Kelly. 108,331; Feb. 8.
Truck, Fuel tank. A. de Sakhnoffsky. 108,346; Feb. 8.
Typewriter, Portable. J. L. Sweeney and R. L. Chipman, Jr. 108,350–1; Feb. 8.
Wrap. L. Halpern. 108,392; Feb. 8.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 8TH DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abietyl derivatives and producing, Sulphonated hydrogenated. A. L. Rummelsburg. 2,107,506; Feb. 8.
Abrading apparatus. W. L. Keefer. 2,106,005–6; Feb. 8.
Acids, Concentrating organic. T. Evans and K. R. Edlund. 2,107,527; Feb. 8.
Acoustic device. T. G. Kinsley. 2,107,757; Feb. 8.
Acoustics of a room, Modifying the. B. Roux, R. Gamzon, and M. Sollima. 2,107,604; Feb. 8.
Adjustable table. E. J. Ouellette. 2,107,579; Feb. 8.
Adjusting mechanism for firearms. M. Rolcik. 2,107,803; Feb. 8.
Advertising novelty. E. W. Finch. 2,107,693; Feb. 8.
Advertising novelty. M. Gold. 2,107,892; Feb. 8.
Air, Apparatus for conditioning. L. T. Avery and H. Lemann. 2,107,268; Feb. 8.
Air conditioning. A. J. Otte. 2,107,386; Feb. 8.
Air-cooled surface condenser. O. Happel. 2,107,478; Feb. 8.
Air cooling apparatus. J. R. Ballard. 2,107,280; Feb. 8.
Air filter for railroad cars. J. D. Strobell. 2,107,653; Feb. 8.
Air regulator for incubators, Automatic. J. L. Warner. 2,107,809; Feb. 8.
Alcohols by removing the oily impurities, Purifying. F. M. Archibald. 2,107,265; Feb. 8.
Alcohols, Manufacture of. V. Ipatieff and V. Komarewsky. 2,107,794; Feb. 8.
Alkali metal salts of 2-benzoylbenzoic acid compounds, Preparation of. O. Stallmann. 2,107,652; Feb. 8.
Alloys. J. S. Streicher. 2,107,310; Feb. 8.
Amplifier tube. E. H. Yonkers, Jr. 2,107,611; Feb. 8.
Animal trap. W. D. Williams. 2,107,683; Feb. 8.
Antifogging composition. J. T. Benton. 2,107,361; Feb. 8.
Antiskid chain. J. C. Bishop. 2,107,517; Feb. 8.
Antiskid cross chain. E. W. Taylor. 2,107,431; Feb. 8.
Antiskid device. F. A. Olmstead. 2,107,545; Feb. 8.
Apparatus for making casing and formation tests in wells. C. E. Van Stone. 2,107,457; Feb. 8.
Apparatus for trapping dust arising in bore holes. J. N. Hunter. 2,107,554; Feb. 8.
Apparatus for treating things with volatile solvents. C. F. Dinley. 2,107,360; Feb. 8.
Apple paring and trimming machine. J. W. Pease. 2,107,339; Feb. 8.
Articles from fibroin solutions, Manufacture of artificial. E. Rossmer, K. Borner, H. Mahn, and W. Irion. 2,107,959; Feb. 8.
Ash receptacle. C. Albert. 2,107,845; Feb. 8.
Attachment for apprehending motor vehicles. J. W. Thompson. 2,107,312; Feb. 8.
Audible signaling handle. J. Ford. 2,107,981; Feb. 8.
Auger. E. L. Pribyl. 2,107,968; Feb. 8.
Automobile control, Vacuum actuated. G. A. Wood. 2,107,357; Feb. 8.
Automobile lamp. B. Putterman. 2,107,648; Feb. 8.
Automobile signal. W. A. Hollingsworth. 2,107,533; Feb. 8.
Awning. F. Neumann. 2,107,676; Feb. 8.
Azo compounds and dyeing therewith. J. G. McNally and J. B. Dickey. 2,107,598; Feb. 8.
Badge. S. C. Groeschel and A. G. Dawson. 2,107,698; Feb. 8.
Bail ear for sheet metal vessels and making the same. I. E. Sexton. 2,107,428; Feb. 8.
Bait or lure, Artificial. G. W. Flanagan. 2,107,436; Feb. 8.
Barrel-holding device for automatic pistols. E. Altenburger. 2,107,359; Feb. 8.
Barrel, Metal. W. F. Schulz. 2,107,992; Feb. 8.
Battery plates, Making storage. C. A. Hall. 2,107,937; Feb. 8.
Bearing for pitmans, Stirrup. A. N. Porter. 2,107,499; Feb. 8.
Belt package. R. E. S. Goare. 2,107,695; Feb. 8.
Beverage, Carbonated. C. E. Beck. 2,107,559; Feb. 8.
Binder, Loose leaf. A. W. McClure. 2,107,663–9; Feb. 8.
Bit: *See*—
Carving machine bit.
Deballing drill bit.
Drill bit.
Rock or earth drill bit.
Well bit.
Bit construction, Well. A. C. Catland. 2,107,627; Feb. 8.
Blade holder. H. Huber. 2,107,736; Feb. 8.
Blanks having a lamination of varying thicknesses, Making laminated metal. R. C. Ingersoll. 2,107,330; Feb. 8.
Block: *See*—
Glass building block.
Block floor section. B. P. Brien. 2,107,884; Feb. 8.
Board: *See*—
Game board.
Bobbin changing loom. C. D. Brown. 2,107,466; Feb. 8.
Bobbin holder. W. H Bahan. 2,107,847; Feb. 8.
Boiler and baker, Steam cooking. A. J. T. Holton. 2,107,480; Feb. 8.
Boot or shoe and making the same. S. Bown. 2,107,725; Feb. 8.
Bottle and companion fountain pen, Combination ink. H. G. Haas. 2,107,700; Feb. 8.
Bottle and device therefor, Feeding. C. Hughes. 2,107,442; Feb. 8.
Box: *See*—
Roll top box.
Brace, Fence post. J. O. Trail. 2,107,589; Feb. 8.
Bracket and insulator, Pole. F. Bicknese. 2,107,594; Feb. 8.
Brake: *See*—
Car brake.
Hydraulic brake.
Quick relining brake.
Sled brake.
Brake. A. H. Bennett. 2,107,685; Feb. 8.
Brake cylinder assembly and making same. A. J. Weatherhead, Jr. 2,107,403; Feb. 8.
Brake cylinder control, Hydraulic master. C. E. Fisette. 2,107,565; Feb. 8.
Brake lining and making same. J. G. Hawley. 2,107,295; Feb. 8.
Brake mechanism. F. Hymans. 2,107,894; Feb. 8.
Brake operator, Automatic. W. D. Harper. 2,107,984; Feb. 8.
Brake shoe key. C. R. Busch. 2,107,521; Feb. 8.
Braking system. P. Hallot. 2,107,523; Feb. 8.
Buckle, Safety. S. Strauss. 2,107,878; Feb. 8.
Building structure. E. H. Coe. 2,107,523; Feb. 8.
Bunker for railway refrigerator cars. G. G. Gilpin. 2,107,862; Feb. 8.
Burner: *See*—
Furnace burner.
Oil burner.
Burner. B. L. Matthews and J. T. Marvin. 2,107,575; Feb. 8.
Burner. T. E. Potts. 2,107,646; Feb. 8.
Butter substitutes, Coloring of. F. E. Boehm. 2,107,851; Feb. 8.
Button, Hose supporter. H. J. Stuart. 2,107,453; Feb. 8.
Calculating machine. W. J. Pasinski. 2,107,582; Feb. 8.
Cam and follower mechanism. G. J. Trapp. 2,107,456; Feb. 8.
Camera drive, Motion picture. J. A. Ball. 2,107,623; Feb. 8.
Camera, Photographic. H. Küppenbender. 2,107,829; Feb. 8.
Camshaft. D. J. Campbell. 2,107,747; Feb. 8.
Cap: *See*—
Dispensing cap.
Can conveyer, Milk. F. Price and A. F. Palmer. 2,107,500; Feb. 8.
Canal, Pulling. T. Frusher, Jr. 2,107,476; Feb. 8.
Car brake. L. G. Miller. 2,107,761; Feb. 8.
Car loading device. S. D. Butterworth and S. M. Nampa. 2,107,932; Feb. 8.
Car loading device. S. M. Nampa. 2,107,338; Feb. 8.
Carbureting ring structure for wall flame burners. M. A. Powers. 2,107,800; Feb. 8.
Card, Sample. J. Domber. 2,107,730; Feb. 8.
Cards for statistical machines, Making record. R. L. A. Valtat. 2,107,969; Feb. 8.
Carriage and hood therefor, Baby. C. Hedstrom, Jr. 2,107,940; Feb. 8.
Carriage bed, Baby. S. Drexler. 2,107,855; Feb. 8.
Carton. I. Kotcher and M. Kotcher. 2,107,613–14; Feb. 8.
Carton and making the same, Paper. A. C. Friedel. 2,107,999; Feb. 8.
Carton construction. W. H. Inman. 2,107,946; Feb. 8.
Carving machine bit. E. W. Grumke. 2,107,787; Feb. 8.
Casings, Cementing well. T. A. Creighton. 2,107,327; Feb. 8.
Cast, Centrifugal. W. Swoger. 2,107,513; Feb. 8.
Casting machine, Centrifugal. A. G. Anderson and J. I. Kibbe. 2,107,322; Feb. 8.
Catalysts and preparing the same. C. H. B. Jarl and A. G. Hovey. 2,107,611; Feb. 8.
Cathode structure. A. W. Hull and W. A. Ruggles. 2,107,945; Feb. 8.
Centrifugal pump, Parallel series. C. H. Fox. 2,107,694; Feb. 8.
Centrifuge. J. Schaaf. 2,107,909; Feb. 8.
Chain: *See*—
Antiskid chain.
Antiskid cross chain.
Cutter chain.
Chair: *See*—
Folding chair.
Chair leg extension, Adjustable. C. H. Dallas. 2,107,620; Feb. 8.

Checkerwork. E. A. McKelvy. 2,107,675; Feb. 8.
Chlorhydrin, Making. C. G. Harford. 2,107,789; Feb. 8.
Chromatic blender. R. Gilbert. 2,107,860; Feb. 8.
Chute, Stock loading. E. H. Donnan. 2,107,371; Feb. 8.
Cigarette package. J. Keller. 2,107,826; Feb. 8.
Circuit: *See*—
Gain control circuit. Relay circuit.
Circuit controlling device. E. L. Barrett. 2,107,848; Feb. 8.
Circuits, Automatic volume control. J. F. Dreyer, Jr. 2,107,409; Feb. 8.
Circular loom. F. C. Hale and R. Yeadon. 2,107,531; Feb. 8.
Cleaner: *See*—
Suction cleaner. Vacuum cleaner.
Cleanser device. R. B. Kingman. 2,107,636; Feb. 8.
Climbing device for skis. A. Binder. 2,107,363; Feb. 8.
Clip or clasp, Trouser. J. C. Bishop. 2,107,516; Feb. 8.
Clipper. A. Frace and H. Van Bree. 2,107,750; Feb. 8.
Clockwork system. J. Delviniotti. 2,108,010; Feb. 8.
Closure for collapsible tubes. F. Winkler. 2,107,355; Feb. 8.
Closure means for cans and the like containers. A. Forsyth. 2,107,437; Feb. 8.
Clutch: *See*—
Governor clutch. Hydraulic clutch.
Clutch. H. Nutt and H. V. Reed. 2,107,730; Feb. 8.
Clutch. G. C. Royse. 2,107,308; Feb. 8.
Clutch and transmission mechanism. W. D. Morton and W. E. Haupt. 2,107,954; Feb. 8.
Clutch control device, Automatic. R. S. Whittington. 2,107,724; Feb. 8.
Clutch plate. H. V. Reed. 2,107,741; Feb. 8.
Coating, Ductile cadmium. K. G. Soderberg and H. Brown. 2,107,806; Feb. 8.
Coating equipment, Vertical. W. T. Anderson. 2,107,276; Feb. 8.
Coating on aluminum, White. H. K. Work and M. Tosterud. 2,107,318; Feb. 8.
Coating or paint and making same, Waterproof. C. E. Spooner. 2,107,511; Feb. 8.
Coffee maker. J. C. Adams. 2,107,923–4; Feb. 8.
Coins, Apparatus for separating genuine and spurious. F. E. A. Wallin, K. T. Johnson, and C. G. Johnson. 2,107,402; Feb. 8.
Coke oven battery. C. V. McIntire. 2,107,642; Feb. 8.
Cold accumulators, Method of and apparatus for operating. R. Linde and C. P. Hochgesand. 2,107,335; Feb. 8.
Communication system, Inter-office. J. I. Davis. 2,107,817; Feb. 8.
Composition and method for the treatment of hydrocarbon emulsions. W. E. Elliott. 2,107,473; Feb. 8.
Compounds containing ether and thio ether linkages, Oragnic. H. A. Bruson. 2,107,366; Feb. 8.
Condenser: *See*—
Air-cooled surface condenser.
Condenser body and making the same, Electrolytic. H. I. Dannziger and A. Di Giacomo. 2,107,780; Feb. 8.
Condenser construction, Electric. B. G. Olving. 2,107,423; Feb. 8.
Connecter: *See*—
Electrical connecter. Rod connecter.
Connection, Parallel multianode transformer. E. V. De Bilieux. 2,107,934; Feb. 8.
Connections, Making threaded. N. Roach. 2,107,802; Feb. 8.
Container: *See*—
Milk bottle container. Roll tape container.
Container cover. F. O'Neill, Jr. 2,107,957; Feb. 8.
Container opening device and pouring device. E. H. Vail. 2,107,654; Feb. 8.
Containers, Coating. J. Lithgow. 2,108,017; Feb. 8.
Control, Apparatus for liquid level and pressure. I. E. Nutter, F. E. Martin, and G. W. McCullough. 2,107,955; Feb. 8.
Control for automobile generators, Manual. O. Mueller. 2,107,899; Feb. 8.
Control mechanism for radio sets, Selective. J. H. Denison. 2,107,472; Feb. 8.
Control system. H. Bany. 2,107,927; Feb. 8.
Control system, Supervisory. J. H. Oliver. 2,107,902; Feb. 8.
Controlling mechanism for cash registers and bookkeeping machines. A. Klaar, F. Arndt, and H. Berning. 2,107,445; Feb. 8.
Conveyer and rotary drum therefor. W. A. Frank. 2,107,890; Feb. 8.
Core drill. W. Otto and F. E. Scott. 2,107,495; Feb. 8.
Couch. P. P. Bebry. 2,107,882; Feb. 8.
Couch, Convertible. P. Cutler. 2,107,728; Feb. 8.
Coupling: *See*—
Scaffolding coupling. Well casing setting and
Trailer coupling. backing-off coupling.
Coupling for combined motor cars and trailers. O. G. Beardsley. 2,107,881; Feb. 8.
Cover: *See*—
Container cover. Tire cover.
Handbag cover.
Cover and lock construction, Tire. H. S. Jandus. 2,107,332; Feb. 8.
Cover for use with fenderwell, Hinged tire. G. A. Lyon. 2,107,336; Feb. 8.
Cover for water meters, Dial. L. A. Swander. 2,107,720; Feb. 8.
Covering, Head. R. Lipton. 2,107,951; Feb. 8.
Crank construction for reels. E. H. Pitney. 2,107,875; Feb. 8.
Crushing machine. O. C. Gruender. 2,107,786; Feb. 8.
Culinary device. M. Leach. 2,107,380; Feb. 8.
Curler, Ringlet. N. L. Solomon. 2,107,348; Feb. 8.
Current control apparatus, Alternating. T. A. Behrens. 2,107,360; Feb. 8.
Current transformer, Electric direct. J. M. Pestarini. 2,107,740; Feb. 8.
Curtain holder. F. L. Lennox. 2,107,421; Feb. 8.
Curtain tie-back device. G. M. Caggiano. 2,107,885; Feb. 8.
Cushion structure, Spring. T. Koliba. 2,107,446; Feb. 8.
Cut-off machine. R. D. Gardner. 2,107,566; Feb. 8.
Cutter chain. M. P. Holmes. 2,107,942; Feb. 8.
Dam forming attachment. L. Taylor. 2,107,967; Feb. 8.
Deballing drill bit. J. E. Hall. 2,107,788; Feb. 8.
Decorating apparatus. F. B. McQuiston. 2,107,491; Feb. 8.
Decorative strip, Flexible. J. R. Sexton. 2,107,677; Feb. 8.
Dental articulator. H. Boatner. 2,107,283; Feb. 8.
Dental tool. W. Henning. 2,107,791; Feb. 8.
Desk and chair, Combination. A. J. Wilkin. 2,107,404; Feb. 8.
Device for calculating machines, accounting machines, writing and like machines. H. K. F. Ewald. 2,107,374; Feb. 8.
Device for closing a bag. M. de Botelho. 2,107,602; Feb. 8.
Device for gauging the cutting of rafters. E. O. Karlson. 2,107,670; Feb. 8.
Device for making oneself a tie knot. J. F. Ramas. 2,107,619; Feb. 8.
Device for mentholising cigarettes. A. O. Walker and C. J. Sanford. 2,107,501; Feb. 8.
Dialysers. A. O. Russell. 2,107,805; Feb. 8.
Digestion process, Continuous. C. O. Turner and M. P. Weigel. 2,107,919; Feb. 8.
Direction finder. F. J. Hooven. 2,107,633; Feb. 8.
Discharge tube, High voltage. A. Bouwers and J. H. van der Tuuk. 2,107,597; Feb. 8.
Dispenser: *See*—
Tape dispenser.
Dispenser. H. R. Noll. 2,108,020; Feb. 8.
Dispensing apparatus for carbonated beverages. R. J. Jenkins and C. J. Addicks. 2,107,986; Feb. 8.
Dispensing cap. J. C. Boyle. 2,107,324; Feb. 8.
Dispensing cap. E. L. Chott. 2,107,563; Feb. 8.
Dispensing device. G. Mellen. 2,107,615; Feb. 8.
Display box stand. W. E. Thomas. 2,107,991; Feb. 8.
Display device. G. C. Malcomson. 2,107,641; Feb. 8.
Display device. C. H. Smith and J. E. Conner. 2,108,002; Feb. 8.
Display device for wearing apparel. M. F. Wittenberg. 2,107,356; Feb. 8.
Distortion indicating and measuring device for printing telegraph systems. R. B. Hearn. 2,107,753; Feb. 8.
Dividing and reinforcing means for concrete roadways. J. W. Kerr. 2,107,827; Feb. 8.
Door closure. C. E. Klecan. 2,107,949; Feb. 8.
Door for excavating buckets, Dipper. T. A. Ratkowski. 2,107,342; Feb. 8.
Door latch. W. E. Brown. 2,107,687; Feb. 8.
Doughnut cooking machine. C. E. Carpenter. 2,107,325; Feb. 8.
Draft promoter for furnaces. A. A. Rea. 2,107,504; Feb. 8.
Drill: *See*—
Core drill.
Drill bit. G. G. Harrington. 2,107,665; Feb. 8.
Drilling mechanism. L. Watson. 2,107,556; Feb. 8.
Drive mechanism, Universal. C. E. Swenson. 2,107,721; Feb. 8.
Drives for rayon centrifuges, Avoiding the overcharging of. E. Knechtel. 2,107,758; Feb. 8.
Drying equipment. W. T. Anderson and J. M. Henry. 2,107,275; Feb. 8.
Dumper, Door. S. C. Groeschel and A. G. Dawson. 2,107,699; Feb. 8.
Dyes, Manufacture of carbocyanine. R. Koslowsky. 2,107,379; Feb. 8.
Dyestuffs and preparing them, Fast brown leather. F. Hess, K. Hager, and W. Pense. 2,107,941; Feb. 8.
Dyestuffs of the dibenzanthrone series. A. J. Wuerts and R. N. Lulek. 2,107,656; Feb. 8.
Easel, Shoe display. M. D. Pollinger. 2,107,306; Feb. 8.
Edging, Shelf. E. Kardol. 2,107,669; Feb. 8.
Elastic strand in the edge of a mesh fabric, Means for laying-in. J. Steinberg. 2,107,512; Feb. 8.
Electric battery lamp. C. T. Yu. 2,107,599; Feb. 8.
Electric device, Manufacturing an. L. R. Peters. 2,107,903; Feb. 8.
Electric machine, Dynamo. R. H. Nisbet. 2,107,872; Feb. 8.
Electric sign. M. G. Rupp. 2,107,767; Feb. 8.
Electric switch. S. R. Smith. 2,107,651; Feb. 8.
Electrical connecter. W. G. Fotsch. 2,107,859; Feb. 8.
Electrical device. J. B. Harley. 2,107,752; Feb. 8.

Electrical distribution system. H. J. L. Frank. 2,107,412; Feb. 8.
Electrical distribution system. J. G. Jackson. 2,107,865; Feb. 8.
Electrical indicating system and apparatus. L. Boddy. 2,107,560; Feb. 8.
Electrode material and making the same. O. A. Rogers. 2,106,004; Feb. 8.
Electron discharge device. C. S. Bull and S. Rodda. 2,107,518; Feb. 8.
Electron discharge device. J. L. H. Jonker. 2,107,333; Feb. 8.
Electron discharge device. O. H. Schade. 2,107,520; Feb. 8.
Electron discharge device. I. Shoenberg, C. S. Bull and S. Rodda. 2,107,519; Feb. 8.
Electrooptical scanning apparatus. C. F. Mattke. 2,107,759; Feb. 8.
Engine: *See*—
Hydraulic engine.
Engine. N. C. Price and M. Lothrop. 2,107,389; Feb. 8.
Envelope and return mailing device, Combination. C. K. Miller. 2,107,450; Feb. 8.
Enzymes and technically useful microorganisms and the like, Influencing. P. Liebeany and H. Wertheim. 2,107,830; Feb. 8.
Ethylene bromide, Preparation of. G. F. Dressel and C. E. Short. 2,108,011; Feb. 8.
Evaporation meter. O. T. Clorius. 2,107,628; Feb. 8.
Excavator. H. Lundstrom. 2,107,895; Feb. 8.
Exercising machine. H. J. Marlowe. 2,107,447; Feb. 8.
Exercising machine. H. J. Marlowe. 2,107,449; Feb. 8.
Extraction process. W. J. D. van Dijck. 2,107,681; Feb. 8.
Extruded articles, Manufacturing. C. D. Skinner and L. C. Bradley. 2,107,510; Feb. 8.
Eyelet. S. L. Gookin. 2,107,375; Feb. 8.
Fabric: *See*—
Sizing fabric.
Fabrics, Obtaining crepe effects on. H. Altwegg and A. Eichler. 2,107,657; Feb. 8.
Fabrics, Woven wire. F. Steinhart. 2,107,719; Feb. 8.
Face meter. H. P. Houser. 2,107,534; Feb. 8.
Fan. K. D. McMahan. 2,107,897; Feb. 8.
Fastener: *See*—
Slide fastener.
Fastener-applying device. J. F. Cavanagh. 2,107,522; Feb. 8.
Fasteners, Method and apparatus for making slide. F. P. Miller and L. Skeel. 2,108,007; Feb. 8.
Fasteners, Process and apparatus for making slide. F. P. Miller. 2,108,008; Feb. 8.
Fastening device. F. M. Stader. 2,107,913; Feb. 8.
Fat, Treating animal. L. H. Bayerson. 2,107,505; Feb. 8.
Faucet. E. B. Cooper. 2,107,727; Feb. 8.
Fertiliser, Manufacturing an agglomerated potassium chloride. K. Haase, H. Werth and H. Probst. 2,107,702; Feb. 8.
Fertilisers from potassium sulphate or from sulphate or potassium and magnesium, Manufacturing granulated potassium. K. Haase and H. Werth. 2,107,701; Feb. 8.
Fiber, Bleaching. H. O. Kauffmann. 2,107,297; Feb. 8.
Fiber insulation, Method and apparatus for producing felted. W. Brown. 2,107,779; Feb. 8.
Fibers and/or the mean weight per unit of length of similar fibers, Manner of and apparatus for ascertaining the mean length of cotton or like. C. Nanjundayya. 2,107,616; Feb. 8.
Fibrous materials, Impregnating. I. J. Novak. 2,107,304; Feb. 8.
Filling machine. S. F. Anderson. 2,107,274; Feb. 8.
Film-forming material and making the same, Stable. W. D. Bowlby. 2,108,001; Feb. 8.
Film reel and film attaching means therefor. J. M. Goldberg. 2,107,530; Feb. 8.
Filter. E. L. Wood. 2,107,406; Feb. 8.
Fine spinning frame. H. Kato. 2,107,378; Feb. 8.
Fins to tubes, Welding. T. F. Birmingham. 2,107,435; Feb. 8.
Firearm, Automatic. C. Sutter and A. Boussel. 2,108,026; Feb. 8.
Fire detecting and alarm mechanism. J. H. Derby. 2,107,525; Feb. 8.
Fire extinguisher, Hand operated. R. M. Urquhart. 2,107,313; Feb. 8.
Fishing hook. N. T. Marcelli. 2,107,480; Feb. 8.
Floor rack. G. E. Coffey. 2,107,553; Feb. 8.
Flow of fuel mixture to internal combustion engines, Automatically controlling. A. G. H. Vanderpoel. 2,107,314; Feb. 8.
Fluid flow, Method and apparatus for governing. W. E. Leibing. 2,107,990; Feb. 8.
Fluids, Heating. L. A. Mekler. 2,107,402; Feb. 8.
Fly holder, Dry. A. C. Parkhurst. 2,107,645; Feb. 8.
Foam apparatus. H. Hechman. 2,107,606; Feb. 8.
Folding chair. C. A. Best. 2,107,813; Feb. 8.
Folding chair. A. E. Puls. 2,107,764; Feb. 8.
Folding table. J. Kovats. 2,107,572; Feb. 8.
Foodstuffs, Sterilising. C. L. Griffith and L. A. Hall. 2,107,697; Feb. 8.
Fountain, Poultry. A. H., J. A., and J. S. Langdon. 2,107,573; Feb. 8.
Fowl holder. J. B. Lesher. 2,107,484; Feb. 8.
Frame: *See*—
Fine spinning frame. Vehicle frame.
Frankfurters and other articles, Method of and apparatus for electrically cooking. C. W. Brown. 2,107,931; Feb. 8.
Freezing, Device for promoting uniform and homogeneous. G. Sperti. 2,107,718; Feb. 8.
Freight handling apparatus. B. F. Fitch. 2,107,292; Feb. 8.
Fruits, Method and apparatus for treating dried. C. B. Pape, E. N. Thayer, and T. A. Schwars. 2,107,798; Feb. 8.
Fuel distributing mechanism. H. P. Anderson. 2,107,622; Feb. 8.
Fuel injector. G. A. Gillen. 2,107,891; Feb. 8.
Fuel saver for engines. F. Nelson. 2,107,832; Feb. 8.
Furnace: *See*—
Oil burning furnace.
Furnace burner. B. E. Gavin. 2,107,439; Feb. 8.
Gain control circuit, Automatic. J. F. Dreyer, Jr. 2,107,410; Feb. 8.
Game board. C. F. Cookson. 2,107,326; Feb. 8.
Game, Magnetic hooking. H. M. Lang. 2,107,672; Feb. 8.
Garment, Girdle. M. G. Moore. 2,107,337; Feb. 8.
Garment hanger. E. Okun. 2,107,873; Feb. 8.
Garment shaping and turning machine. M. J. Rubenstein. 2,107,621; Feb. 8.
Garment support, Nonslip. C. S. Gessler. 2,107,731; Feb. 8.
Gas controlling device. A. A. Heinzelmann. 2,107,863; Feb. 8.
Gas keeper. J. M. G. Darms. 2,107,600; Feb. 8.
Gas separator. W. I. Bettis. 2,107,625; Feb. 8.
Gate for locomotives, Coaling. W. Dietrich. 2,107,781; Feb. 8.
Gauging fixture. H. W. Zimmerman. 2,107,558; Feb. 8.
Gear shaping machine, Plural. E. W. Miller. 2,107,543; Feb. 8.
Gearing. E. J. Woltersdorf. 2,107,463; Feb. 8.
Gearing for automotive vehicles, Automatic change speed. G. B. Moross. 2,107,422; Feb. 8.
Gears, Method of and mechanism for producing. E. Wildhaber. 2,107,460; Feb. 8.
Germicides, Polyhydroxy poly secondary alkyl phenol. A. L. Rawlins and H. C. Hamilton. 2,107,307; Feb. 8.
Girdle. M. Bienenfeld. 2,107,849; Feb. 8.
Glass building block, Hollow. B. F. Haselton, Jr. 2,107,994; Feb. 8.
Glass, Light diffusing. H. Paul. 2,107,833; Feb. 8.
Glass wool, Method and product for treating. H. M. Bone and R. C. Williams. 2,107,284; Feb. 8.
Glasses, Ultraviolet transmitting. J. Enss and M. Hüniger. 2,107,935; Feb. 8.
Glow lamp. P. L. Spencer. 2,107,399; Feb. 8.
Golf putter. T. A. Hamilton. 2,107,983; Feb. 8.
Golf tee. M. J. Morgan. 2,107,706; Feb. 8.
Governor clutch. R. F. Peo. 2,107,341; Feb. 8.
Grading machine. J. W. Johnston. 2,107,634; Feb. 8.
Grease manufacture. G. Kaufman. 2,108,016; Feb. 8.
Grid pasting machine. H. H. Henry. 2,107,733; Feb. 8.
Grinding device. W. A. Weed. 2,107,921; Feb. 8.
Grizzly, Dumping. C. V. Hallenbeck. 2,107,532; Feb. 8.
Guanidino and biguanidino derivatives of cyclic ether compounds. B. Puetzer. 2,107,712; Feb. 8.
Guide to enable the blind to write script, Line. H. G. Hill. 2,107,609; Feb. 8.
Gun-carriage. F. Holek. 2,107,824; Feb. 8.
Gun for spraying fabrics, Spray. S. Bramsen and F. Wahlin. 2,107,688; Feb. 8.
Gun, Spray. S. Bramsen and F. Wahlin. 2,107,726; Feb. 8.
Gun with pneumatic material control, Spray. E. Gustafsson and F. Wahlin. 2,107,732; Feb. 8.
Hair treatment. J. Vaghelatos. 2,107,554; Feb. 8.
Hair waving pad. E. O. Frederics. 2,107,438; Feb. 8.
Hair winder. N. L. Solomon. 2,107,349; Feb. 8.
Haloprene, Deodorizing polymerized. A. D. Macdonald. 2,107,796; Feb. 8.
Handbag cover, Reversible. N. and M. Sloane. 2,107,347; Feb. 8.
Handle: *See*—
Audible signaling handle.
Hanger: *See*—
Garment hanger. Pump rod hanger.
Headlight attachment. T. Query. 2,107,801; Feb. 8.
Headlight for automobiles. R. C. Jimenes. 2,107,443; Feb. 8.
Heating apparatus suitable for use in shoemaking. W. N. Bray. 2,107,365; Feb. 8.
Heating system and method. R. A. and R. H. Crockett. 2,107,933; Feb. 8.
Heel, Wood. S. G. Ross. 2,107,391; Feb. 8.
Hobbyhorse. H. J. Marlowe. 2,107,448; Feb. 8.
Holder: *See*—
Blade holder. Fowl holder.
Bobbin holder. Lipstick holder.
Curtain holder. Tree holder.
Fly holder.
Honing. K. W. Connor. 2,108,029; Feb. 8.

Hood for rock drills. L. C. Smith. 2,107,552; Feb. 8.
Hook: *See*—
Fishing hook.
Hopper, Dustless bag discharge. N. Statham and H. Richards. 2,107,995; Feb. 8.
Horizontal vibrating screen. R. A. Denovan. 2,107,729; Feb. 8.
Hydraulic brake. E. A. Dickey. 2,107,564; Feb. 8.
Hydraulic clutch. F. Rodeghier. 2,107,344; Feb. 8.
Hydraulic engine. G. P. Geisler. 2,107,982; Feb. 8.
Hydraulic mechanism. E. McCormick, M. D. Stewart, and W. H. Worthington. 2,107,760; Feb. 8.
Hydraulic operation and control of machine tools. R. D. Shaw. 2,108,025; Feb. 8.
Hydrocarbons, Apparatus for decolorising or desulphurising. J. M. Wadsworth. 2,107,354; Feb. 8.
Ice creeper, Adjustable. A. Oetterer. 2,107,617; Feb. 8.
Ice tray supporting and releasing means. A. R. Constantine. 2,107,285; Feb. 8.
Ignition apparatus. V. A. Le Blanc. 2,107,302; Feb. 8.
Ignition control apparatus. J. L. Arthur. 2,107,266; Feb. 8.
Ignition distributor. J. M. Crawford and H. A. Schwager. 2,107,470; Feb. 8.
Illuminating device for bathroom scales. I. Dean. 2,107,888; Feb. 8.
Impulse transmitter. L. Kardorff. 2,107,988; Feb. 8.
Incinerator. M. L. Rose. 2,107,507; Feb. 8.
Indicator: *See*—
Pressure indicator.
Inseam trimming machine. E. Quinn. 2,107,502; Feb. 8.
Insecticide. L. B. Kilgore. 2,107,298; Feb. 8.
Insulation material, Electrical. C. F. Obermaier. 2,107,901; Feb. 8.
Interlocking mechanism for gasoline dispensers. R. E. Bechtold. 2,108,028; Feb. 8.
Internal combustion motor. E. E. Huesby. 2,107,792; Feb. 8.
Iron and steel, Preparing. J. Elian. 2,107,980; Feb. 8.
Iron ores, Reduction of fine. H. Schmalfeldt. 2,107,549; Feb. 8.
Jack. W. B. Runyan and A. H. Langenheim. 2,107,715; Feb. 8.
Jack. C. J. Smith. 2,107,717; Feb. 8.
Jig for use in metaling bearings. H. J. S. Croucher. 2,107,978; Feb. 8.
Joint: *See*—
Universal joint.
Joint for concrete structures. H. A. Taubensee. 2,107,351; Feb. 8.
Joint for locomotives and cars, Articulated. L. J. Selder. 2,107,841; Feb. 8.
Joint for running inflation, Rotating. S. T. Williams. 2,107,605; Feb. 8.
Journal lubricator, Railway. J. J. Hennessy. 2,107,414; Feb. 8.
Journal wiping means. J. J. Hennessy. 2,107,413; Feb. 8.
Kerf-cutting machine. T. E. Pray. 2,107,584; Feb. 8.
Ketones, Chlorinated aralkyl. A. W. Ralston and C. W. Christensen. 2,107,905; Feb. 8.
Key. J. A. Phillips. 2,107,834; Feb. 8.
Key attaching machine. J. C. Strickler. 2,107,311; Feb. 8.
Key, Brake shoe. F. Schaefer. 2,107,768; Feb. 8.
Key mechanism for woodwind instruments. F. D. Platz. 2,107,583; Feb. 8.
Keying system, Block. L. E. Corser. 2,107,691; Feb. 8.
Kite. W. H. A. G. van Ittersum. 2,107,808; Feb. 8.
Knitting machine, Straight. W. Heinits. 2,107,985; Feb. 8.
Ladle. C. P. Astrom. 2,107,267; Feb. 8.
Lamp: *See*—
Automobile lamp. Glow lamp.
Electric battery lamp.
Lamp attachment fixture, Electric. A. H. Stricker and M. W. Ulf. 2,107,914; Feb. 8.
Latch: *See*—
Door latch. Lock-latch.
Latch. H. M. Kilpatrick. 2,107,299; Feb. 8.
Lead-in for electron discharge devices. H. Vatter. 2,107,353; Feb. 8.
Lens system, Adjustable. K. N. Ogle. 2,107,305; Feb. 8.
Light beam instrument. G. F. Gardner. 2,107,936; Feb. 8.
Lighter and fuel therefor. N. B. Purdy and H. A. Schneider. 2,107,546; Feb. 8.
Lighter, Friction wheel pocket. J. Edenburg. 2,107,372; Feb. 8.
Lighting mechanism, Pyrophoric. L. V. Aronson. 2,107,653; Feb. 8.
Line protector, Automatic electric service. J. E. Farrell. 2,107,820; Feb. 8.
Lipstick holder. N. Kasdan and R. F. Landwehr. 2,107,444; Feb. 8.
Liquid composition for degreasing surfaces and process of preparation. A. F. Curran. 2,107,288; Feb. 8.
Liquid degreasing composition. A. F. Curran. 2,107,287; Feb. 8.
Loading device. W. E. Hamlin. 2,107,569; Feb. 8.
Loading machine. F. Cartlidge. 2,107,469; Feb. 8.
Lock: *See*—
Nut lock. Window lock.
Locking means for automobile doors, Multiple. H. Irwin. 2,107,737; Feb. 8.
Lock-latch, Jimmyproof. H. M. Kilpatrick. 2,107,300; Feb. 8.
Locomotive superheater. V. Z. Caracristi. 2,107,815; Feb. 8.
Locomotive tender. P. A. Ketchpel. 2,107,419; Feb. 8.
Loom: *See*—
Bobbin changing loom. Circular loom.
Loom for weaving. J. Wolfensberger. 2,107,592; Feb. 8.
Loom reed. H. E. Schmidt. 2,107,677; Feb. 8.
Looms, Let-off mechanism for. A. Grenier. 2,107,696; Feb. 8.
Louver construction for cooling towers. R. R. Pabodie. 2,107,496; Feb. 8.
Lubricants and making the same, Ester-containing. P. J. Wiesevich, now by change of name P. J. Gaylor, and L. B. Turner. 2,107,816; Feb. 8.
Lubricating device. W. H. Foster. 2,107,858; Feb. 8.
Lubricator: *See*—
Journal lubricator.
Machine for cutting ice. M. J. Uline. 2,107,968; Feb. 8.
Machine for dicing fruit and the like. H. E. Gray. 2,107,293; Feb. 8.
Machine for postmarking and like purposes. W. Ochsenbein. 2,107,618; Feb. 8.
Machine for treating resilient material. K. Göbel. 2,107,607; Feb. 8.
Magnesium and light metal alloys containing magnesium, Remelting and refining. A. Beck. 2,107,282; Feb. 8.
Malt adjunct from corn, Manufacture and use of. W. R. Fetzer. 2,107,529; Feb. 8.
Marker, Golf ball position. W. Howard. 2,107,944; Feb. 8.
Marking device. H. Platt. 2,107,424; Feb. 8.
Matching the impedance of a load to a source of power. W. Buschbeck. 2,107,406; Feb. 8.
Materials, Method of, and means for cleaning. C. C. Lamb. 2,107,866; Feb. 8.
Materials, Process and mechanism for separating intermixed divided. K. Davis. 2,107,602; Feb. 8.
Materials, Producing colored photographic. B. Gáspár. 2,107,605; Feb. 8.
Materials with liquids, Treatment of solid. J. E. Jones and D. R. Johnston. 2,107,537; Feb. 8.
Matting process. F. Schuster. 2,107,960; Feb. 8.
Measuring and indicating apparatus. K. Blasig. 2,107,976; Feb. 8.
Measuring instrument, Compensated. W. W. Frymoyer. 2,107,632; Feb. 8.
Meat processing and molding device. S. F. Gleason. 2,107,329; Feb. 8.
Mercury compounds, Organic. C. N. Andersen. 2,107,321; Feb. 8.
Mercury contact interrupter. S. Ruben. 2,107,742; Feb. 8.
Metal, Forming expanded. H. K. Baker. 2,107,278; Feb. 8.
Metals and alloys, Production of refractory. C. W. and C. C. Balke. 2,107,279; Feb. 8.
Meter: *See*—
Evaporation meter. Face meter.
Milk bottle container, Insulated. W. H. Van Buskirk. 2,107,590; Feb. 8.
Minerals, Concentration of. J. J. Denny and A. C. Daman. 2,107,239; Feb. 8.
Mixer and conditioner. W. B. Moore. 2,107,544; Feb. 8.
Mold for concrete walls or the like. A. J. Schwarzler. 2,107,427; Feb. 8.
Molds, Apparatus for forming. J. E. Batie. 2,107,928; Feb. 8.
Molding by sand-blowing. C. Billand. 2,107,814; Feb. 8.
Molding, Conduit. A. H. Tashjian. 2,107,915; Feb. 8.
Money counting mechanism, Paper. F. J. Callen. 2,107,977; Feb. 8.
Monitor. C. Protse. 2,107,425; Feb. 8.
Monocycle. J. Rose. 2,107,766; Feb. 8.
Monogram construction. R. C. Bangs. 2,107,684; Feb. 8.
Motion into interrupted motion, Apparatus for converting continuous. P. G. Edwards. 2,107,373; Feb. 8.
Motor: *See*—
Internal combustion motor. Water cooled motor.
Motor vehicle. F. C. Best. 2,107,593; Feb. 8.
Mounting: *See*—
Ornamental mounting.
Mouthpiece for bottles or the like, Drinking. C. H. Smith. 2,107,309; Feb. 8.
Muffler repair jacket. J. L. Smith. 2,107,588; Feb. 8.
Nitrile-hydrocarbon mixtures, Separating. W. O. Pool. 2,107,904; Feb. 8.
Notebook pad. H. L. Kalish. 2,108,015; Feb. 8.
Nozzle. J. H. Davis. 2,107,601; Feb. 8.
Nut lock. P. C. Schmidt. 2,107,550; Feb. 8.
Oil burner. T. H. Smoot. 2,107,452; Feb. 8.
Oil burning furnace. J. W. Nelson. 2,107,871; Feb. 8.
Oil conversion, Hydrocarbon. J. B. Barnes. 2,107,269; Feb. 8.
Oil, Dewaxing. M. L. Wade. 2,107,770–2; Feb. 8.
Oil products, Separating mineral. H. Suida, H. Pölla, and A. Nowak. 2,107,807; Feb. 8.
Oil, Treatment of hydrocarbon. S. W. Ferris. 2,107,291; Feb. 8.
Oils, Apparatus for refining mineral. H. R. Rowland and E. J. Smith. 2,107,714; Feb. 8.
Oils, Conversion of hydrocarbon. L. C. Huff. 2,107,793; Feb. 8.

Oils, Conversion of hydrocarbon. J. D. Seguy. 2,107,509; Feb. 8.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,107,454; Feb. 8.
Oils, Refining mineral. H. R. Rowland and E. J. Smith. 2,107,713; Feb. 8.
Olefines, Production of hydrated. F. A. Bent. 2,107,515; Feb. 8.
1-methylnaphthalene-7-sulphonic acid and 1-methyl-7-hydroxy naphthalene, Preparing. A. Sieglitz. 2,107,911; Feb. 8.
Ophthalmic instrument. E. D. Tillyer. 2,107,553; Feb. 8.
Ornament. A. T. Sebek. 2,107,640; Feb. 8.
Ornament, Ear. C. Harris. 2,107,938; Feb. 8.
Ornamental mounting. G. F. Mattman. 2,107,383; Feb. 8.
Ornamental product. A. H. Cohn. 2,107,748; Feb. 8.
Oscillograph apparatus. J. D. Eisler. 2,108,012; Feb. 8.
Oxidation. W. A. Darrah. 2,108,030; Feb. 8.
Oxides and preventing pitting of electrical contacts, Apparatus for removing. L. B. Oberdick. 2,107,709; Feb. 8.
Oxygen, Apparatus for producing and storing. A. Messer. 2,107,797; Feb. 8.
Pad: *See*—
Hair waving pad. Resilient pedal pad.
Notebook pad.
Painter's apparatus. R. J. Simons. 2,107,769; Feb. 8.
Panel units together, Attaching wall. H. H. Keller. 2,107,418; Feb. 8.
Paperboard making machines, Corrugated. G. W. Swift, Jr. 2,107,430; Feb. 8.
Paperboards, Forming of. E. R. Smith. 2,107,587; Feb. 8.
Paper, Treating. C. D. Rockwood and K. L. Osmun. 2,107,343; Feb. 8.
Partition. L. L. Levene. 2,107,334; Feb. 8.
Partition system. M. Berger. 2,107,624; Feb. 8.
Pelts, Shaping fur heads of. M. Tauss. 2,107,916; Feb. 8.
Pencil. J. Tamis. 2,107,879; Feb. 8.
Pencil, Mechanical. I. Chesler. 2,107,816; Feb. 8.
Pentachlorophenol, Preparation of. F. B. Smith and J. E. Livak. 2,107,650; Feb. 8.
Petroleum, Refining. B. W. Story and V. A. Kalichevsky. 2,107,429; Feb. 8.
Phosphorus, Oxidising. P. H. Emmett. 2,107,857; Feb. 8.
Phototube. C. M. Teves and J. H. de Boer. 2,107,352; Feb. 8.
Pictures and the like, Device for viewing X-ray. S. D. Klaus. 2,107,738; Feb. 8.
Pillow. H. C. Sheasby. 2,107,962; Feb. 8.
Pilot and coupler structure. H. A. Hoke. 2,107,376; Feb. 8.
Pipe fitting for wall supported water closets. R. P. Franck. 2,107,663; Feb. 8.
Pipe relay, Jet. G. Wunsch and W. Hartung. 2,107,971; Feb. 8.
Piping, Machine for the manufacture of ribbed. L. Morseth. 2,107,831; Feb. 8.
Piston, Engine. E. P. Larsh. 2,107,795; Feb. 8.
Piston ring. E. A. Koether. 2,107,801; Feb. 8.
Plaited material, Solid. A. Crossley. 2,107,661; Feb. 8.
Planter. C. H. White. 2,107,723; Feb. 8.
Planter, Checkrow. L. E. Rose. 2,107,649; Feb. 8.
Piles of fabric material, Process and apparatus for adhesively uniting. B. Llebowitz. 2,107,485; Feb. 8.
Plug. J. C. Hartnack. 2,107,939; Feb. 8.
Plug for tubes. W. Wainwright. 2,107,315; Feb. 8.
Polysulphonates of aromatic polyalkylene ethers. H. A. Bruson. 2,107,367; Feb. 8.
Porous articles, Making. P. Lefebvre-Carnot and L. P. G. Vautier. 2,107,637; Feb. 8.
Portable seat. F. A. Wiesdorf. 2,107,880; Feb. 8.
Portions of relatively mobile materials, Apparatus for delivering. B. E. Johnson. 2,107,987; Feb. 8.
Power developing unit for automotive vehicles. J. T. Abbott. 2,107,844; Feb. 8.
Power take-off. E. H. Lichtenberg. 2,107,540; Feb. 8.
Power transmitting mechanism for vehicles and especially railroad vehicles. E. Bugatti. 2,107,689; Feb. 8.
Press: *See*—
Printing press.
Press and method of operation, Metal extrusion. R. W. Atkinson. 2,107,846; Feb. 8.
Press and method of operation, Metal extrusion. E. W. MacKnight. 2,107,896; Feb. 8.
Pressure compensating device for multiple gas chambers. P. M. Bourdon. 2,107,596; Feb. 8.
Pressure indicator. P. M. Bourdon. 2,107,595; Feb. 8.
Pretzels, Apparatus for the manufacture of. E. W. Curtis. 2,107,749; Feb. 8.
Printing and device therefor. L. H. Amdur. 2,107,272; Feb. 8.
Printing and enlarging machine. A. L. Mayer. 2,107,867; Feb. 8.
Printing member and producing same. W. E. Griswold. 2,107,294; Feb. 8.
Printing method and machine. L. H. Amdur. 2,107,273; Feb. 8.
Printing press. L. Q. Presby. 2,107,647; Feb. 8.
Privacy system. B. W. Kendall and D. Mitchell. 2,107,756; Feb. 8.
Projecting apparatus and system. A. D. Eitzen. 2,107,290; Feb. 8.
Propeller for aircraft, Variable pitch. M. Grabarse and L. Hoffmann. 2,107,785; Feb. 8.
Protector: *See*—
Line protector.
Pulp stock, Apparatus for and method of agitating. J. A. Rosmait. 2,107,390; Feb. 8.
Pulse in a cathode ray tube, Generating a. A. H. Brolly. 2,107,778; Feb. 8.
Pump: *See*—
Centrifugal pump. Vacuum pump.
Pump rod hanger. A. R. Maier. 2,107,488; Feb. 8.
Quick relining brake. T. D. Rader. 2,107,503; Feb. 8.
Rack: *See*—
Floor rack. Wardrobe rack.
Supporting and display rack.
Radiation frequency converter. P. T. Farnsworth and D. K. Lippincott. 2,107,782; Feb. 8.
Radio receiving system. K. Schlesinger. 2,107,393–4–5; Feb. 8.
Railway ballasting machine. R. E. Madison. 2,107,639; Feb. 8.
Ratchet mechanism. B. E. Folke and W. E. Wollheim. 2,107,662; Feb. 8.
Ratchet wrench. F. A. Haist. 2,107,568; Feb. 8.
Rayon and the like, Manufacture of. O. Oppenlaender. 2,107,451; Feb. 8.
Razor, Safety. M. Aghito. 2,107,358; Feb. 8.
Receptacle: *See*—
Ash receptacle.
Receptacle and brush holder, Combined. A. J. Miliavec. 2,107,643; Feb. 8.
Receptacle cleaning and filling machine. A. C. Everett. 2,107,474; Feb. 8.
Reflector. C. V. Bergstrom. 2,107,362; Feb. 8.
Refrigerating apparatus. J. C. Buchanan. 2,107,562; Feb. 8.
Refrigerating apparatus. F. R. Erbach. 2,107,630; Feb. 8.
Refrigerating apparatus. G. R. Ohmart. 2,107,644; Feb. 8.
Refrigerating apparatus. H. Wiggers. 2,107,317; Feb. 8.
Refrigerating apparatus, Absorption. G. F. Zellhoefer. 2,107,319; Feb. 8.
Refrigeration. G. F. Zellhoefer. 2,107,320; Feb. 8.
Refrigerating system. R. W. Davenport. 2,107,887; Feb. 8.
Refrigerator. C. I. Justheim. 2,107,538; Feb. 8.
Refrigerator. T. I. Potter. 2,107,763; Feb. 8.
Refrigerator. O. J. Stabbal. 2,107,400; Feb. 8.
Reheater and superheater, Compensating. C. W. Gordon. 2,107,440; Feb. 8.
Relay circuit. A. J. Busch. 2,107,746; Feb. 8.
Renapping process. B. G. Feinberg. 2,107,528; Feb. 8.
Resilient pedal pad. W. J. Lutey. 2,107,486; Feb. 8.
Resins, Bleaching alkyd. A. G. Hovey. 2,107,610; Feb. 8.
Reversing device. G. H. Lang. 2,107,705; Feb. 8.
Rig for sail boats. F. Ljungström. 2,107,303; Feb. 8.
Ring: *See*—
Piston ring.
Ring traveler. S. Tour. 2,108,027; Feb. 8.
Robe for motor vehicles, Lap. G. B. Oliver. 2,107,493; Feb. 8.
Rock or earth drill bit. J. P. Cunningham. 2,107,286; Feb. 8.
Rod connecter, Ground. M. F. Pierce. 2,107,835; Feb. 8.
Roll, Sectional. H. S. Cryster and R. J. Wilkie. 2,107,471; Feb. 8.
Roll, Suction. E. E. Berry, L. Hornbostel, and J. E. Goodwillie. 2,107,812; Feb. 8.
Roll tape container. S. J. Ellenburg. 2,107,603; Feb. 8.
Roll top box. J. H. Horsley. 2,107,997; Feb. 8.
Roller conveyer. A. M. Hahn. 2,107,822; Feb. 8.
Rubber and process and apparatus for making the same, Crinkled sheet. F. Honig. 2,107,735; Feb. 8.
Rubber vulcanization. T. C. Morris. 2,108,018; Feb. 8.
Rug or carpet. W. Colvin, Jr. 2,107,598; Feb. 8.
Sack sewing apparatus. V. L. Stathem. 2,107,963; Feb. 8.
Sack sewing apparatus, Filled. V. L. Stathem. 2,107,964; Feb. 8.
Saddle, Cycle. J. W. Brandt and A. J. Linder. 2,107,561; Feb. 8.
Safety and relief valve. A. L. Kronquest. 2,107,704; Feb. 8.
Safety device for container moving machinery. S. R. Rosendale. 2,107,345; Feb. 8.
Safety device for elevators. L. Olsvary. 2,107,956; Feb. 8.
Safety equipment for boats. M. Mandel. 2,107,542; Feb. 8.
Salt of ortho hydroxy quinoline. J. Ebert. 2,107,856; Feb. 8.
Sanding wheel. E. Dunford. 2,107,411; Feb. 8.
Sash construction. C. M. Verhagen. 2,107,842; Feb. 8.
Sash holder mechanism. R. T. Axe. 2,107,774; Feb. 8.
Scaffolding coupling. J. Burton. 2,107,407; Feb. 8.
Scale, Hydraulic weighing. E. K. Benedek. 2,107,883; Feb. 8.

Scalp cooling apparatus. Z. V. Wood and G. B. Melton. 2,107,557; Feb. 8.
Screen: *See*—
Horisontal vibrating screen.
Screen structure. D. F. Newman. 2,107,707–8; Feb. 8.
Screen structure, Roll. W. E. Kemp. 2,107,755; Feb. 8.
Screw-threaded necks, Apparatus for forming. J. Dichter. 2,107,979; Feb. 8.
Sealing means for heater doors. A. D. Olds. 2,107,762; Feb. 8.
Sealing rings, Closing. E. E. Shanor. 2,108,024; Feb. 8.
Seat: *See*—
Portable seat.
Self-steering mechanism for tractors. F. J. Iribeck. 2,107,535; Feb. 8.
Selvage edges from textile fabrics in the piece, Apparatus for removing. W. T. B. and F. E. Morley. 2,107,953; Feb. 8.
Separator: *See*—
Gas separator.
Service apparatus. C. H. Bock. 2,107,850; Feb. 8.
Serving device. L. A. Leppke. 2,107,381; Feb. 8.
Sewing machine. N. V. Christensen and H. Hacklander. 2,107,366; Feb. 8.
Sewing machine. C. S. Thompson and F. A. Kucera. 2,107,916; Feb. 8.
Sewing machine, Buttonhole. E. B. Allen, M. D. Knox, and H. C. Faulkner. 2,107,270; Feb. 8.
Sewing machines, Zigzag stitch-forming mechanism for. E. B. Allen, M. D. Knox, and H. C. Faulkner. 2,107,271; Feb. 8.
Shape cutting machine. O. A. Scholtz. 2,107,396; Feb. 8.
Shaping machine, Automatic. R. Onsrud. 2,107,578; Feb. 8.
Shears. S. P. Moyer and P. H. Long. 2,107,577; Feb. 8.
Sheets of a newspaper, Connecting. H. A. W. Wood. 2,107,462; Feb. 8.
Shelving, Adjustable. J. Cichocki. 2,107,660; Feb. 8.
Shield and depositing metal areas, Envelope. B. C. Gardner. 2,107,784; Feb. 8.
Shield structure, Glare. A. M. Sauer. 2,107,586; Feb. 8.
Shock absorber. L. Béchereau and R. Carrouée. 2,107,974; Feb. 8.
Shoe finishing apparatus. H. H. Parks, L. A. Thomas, and H. S. Thomas. 2,107,580; Feb. 8.
Shoe, Football. J. H. Hermson. 2,107,667; Feb. 8.
Shoe heel and making same. A. F. Bancroft. 2,107,776; Feb. 8.
Shoemaking method. E. Quinn. 2,107,501; Feb. 8.
Shut-off for meters, Automatic. A. J. Granberg. 2,107,441; Feb. 8.
Shut-off valve. R. O. Beggs. 2,107,975; Feb. 8.
Shuttle tension. W. A. Tebo. 2,107,917; Feb. 8.
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Electric sign.
Sign support, Collapsible sidewalk. R. W. Lotz. 2,107,574; Feb. 8.
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Signal casing. C. H. Bissell. 2,107,777; Feb. 8.
Signal device. J. T. Stubblins. 2,107,350; Feb. 8.
Signaling device. J. R. McGee. 2,107,952; Feb. 8.
Signaling, Railway. P. H. Crago. 2,107,680; Feb. 8.
Signaling, Railway. R. R. Kemmerer. 2,107,679; Feb. 8.
Signaling, Railway. H. A. Thompson. 2,107,678; Feb. 8.
Silk, Producing artificial. W. L. Hyden and J. S. Fonda. 2,107,668; Feb. 8.
Sising fabric. E. K. Bolton. 2,107,852; Feb. 8.
Skyrocket. L. F. Holcomb. 2,107,734; Feb. 8.
Sled brake. H. F. Heffner and L. L. De Turk. 2,107,893; Feb. 8.
Slide fastener. F. P. Miller and L. Skeel. 2,108,009; Feb. 8.
Smoke, Producing colored. E. Neukirch. 2,108,019; Feb. 8.
Socket, Automatic switch lamp. J. W. Hobbs. 2,107,570; Feb. 8.
Sofa bed. M. Fox. 2,107,993; Feb. 8.
Sole and arch construction for shoes, Combined. J. R. Rigandi. 2,107,620; Feb. 8.
Sound, Apparatus for reproducing. G. Veal. 2,107,920; Feb. 8.
Soundboard for pianos. P. H. Bilhuber. 2,107,659; Feb. 8.
Sound reproducing and recording mechanism for the films of motion picture projectors. A. A. Shoup. 2,107,743; Feb. 8.
Sound transmitting and distributing apparatus, Electrical. W. H. Huth. 2,107,410; Feb. 8.
Spectrophotometer. O. W. Pineo. 2,107,836; Feb. 8.
Speed driving mechanism, Change. A. F. Kaptuller. 2,107,417; Feb. 8.
Spinning cradle, Long draft. J. L. Truslow and R. J. McConnell. 2,107,433; Feb. 8.
Splitting machine. L. J. Bazzoni. 2,107,281; Feb. 8.
Spring treatment, Leaf. T. H. Thompson. 2,107,455; Feb. 8.
Stake, Garden line. H. G. M. Kuhn. 2,107,989; Feb. 8.
Stake or stanchion for vehicles. A. L. Karige. 2,107,612; Feb. 8.
Stall. H. H. Grubb. 2,107,477; Feb. 8.
Stand: *See*—
Display box stand.
Stapling machine attachment. J. L. Walsh. 2,107,555; Feb. 8.
Starter for pool-type discharge devices, Immersion. E. Rupp. 2,107,908; Feb. 8.
Station, Floating. P. G. Creed. 2,107,886; Feb. 8.
Staybolt. R. W. Friday. 2,107,604; Feb 8
Steam table. B. P. Skjerven. 2,107,346; Feb. 8.
Steel, Treatment of. M. G. Fowler and L. M. Barker. 2,107,328; Feb. 8.
Store front construction. J. J. Bosshard. 2,107,323; Feb. 8.
Stove, Cooking. W. D. Antrim and A. W. Schlemmer. 2,107,972; Feb. 8.
Stretcher, Cap cover. D. A. Seiler. 2,107,961; Feb. 8.
Strip forming apparatus. J. S. Reid. 2,107,585; Feb. 8.
Strip, Terminal. H. W. Goff. 2,107,751; Feb. 8.
Strut for aircraft, Shock absorbent. J. H. Onions and P. W. Thornhill. 2,107,494; Feb. 8.
Suction cleaner. J. B. Kirby. 2,107,571; Feb. 8.
Sulphur content of industrial gases, Recovery and conversion of the. L. Rosenstein. 2,107,907; Feb. 8.
Support: *See*—
Garment support.
Sign support.
Support for projectors, Lamp. S. C. Rogers. 2,107,906; Feb. 8.
Supporting and display rack. C. W. McAnally, Sr. 2,107,576; Feb. 8.
Sweeper, Carpet. T. H. Stough. 2,108,003; Feb. 8.
Switch: *See*—
Electric switch.
Switch for electric service lines, Automatic. J. E. Farrell. 2,107,821; Feb. 8.
Switchgear, Electric. W. V. Jeffs. 2,107,947; Feb. 8.
Table: *See*—
Adjustable table.
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Tachometer. H. A. L. Jones. 2,108,014; Feb. 8.
Tantalum recovery. M. M. Austin. 2,107,277; Feb. 8.
Tape applying device. C. S. Munro. 2,107,900; Feb. 8.
Tape dispenser. F. Machate and F. Mason. 2,107,487; Feb. 8.
Tassel. C. G. King. 2,107,948; Feb. 8.
Tassel. E. E. Weller. 2,107,450; Feb. 8.
Teeth, Attachment for artificial. J. Taguchi. 2,107,966; Feb. 8.
Telephone system. D. F. Johnston. 2,107,754; Feb. 8.
Television arrangement. K. Schlesinger. 2,107,392; Feb. 8.
Television system. V. K. Zworykin. 2,107,464; Feb. 8.
Temperature limiting device for hot water systems. L. D. Lovekin. 2,107,673; Feb. 8.
Temperature measuring device. I. L. Canuteson. 2,107,468; Feb. 8.
Temple roller. H. W. Fehr. 2,108,013; Feb. 8.
Tent or awning, Contractible. W. F. Hewlett. 2,107,608; Feb. 8.
Tester. C. W. Vogt and G. A. Humason. 2,107,655; Feb. 8.
Textile and other materials, Treatment of. H. Dreyfus. 2,107,526; Feb. 8.
Textile drafting apparatus. J. Elser. 2,107,818; Feb. 8.
Textile manufacture. P. H. Walsh. 2,107,458; Feb. 8.
Therapeutic derivative of the genus lactuca and preparing same. G. Schenck. 2,107,839; Feb. 8.
Tire cover. E. E. Frey. 2,107,783; Feb. 8.
Tire cover. H. S. Jandus and T. J. W. Tyson. 2,107,331; Feb. 8.
Tire deflation indicator. K. A. Spieth. 2,107,912; Feb. 8.
Toaster. A. C. Purpura. 2,107,388; Feb. 8.
Tobacco, Treating. H. P. Wurman and R. D. Touton. 2,107,843; Feb. 8.
Tool: *See*—
Dental tool.
Tool retainer. J. H. Parsons and L. S. Lamb. 2,107,581; Feb. 8.
Towel dispensing device. L. M. Harvey. 2,107,790; Feb. 8.
Toy-vehicle, Mechanical propulsion. L. Vimeux. 2,107,722; Feb. 8.
Track for tractors. R. Mayne. 2,107,490; Feb. 8.
Traffic signal. J. L. Braun and K. S. Shickluna. 2,107,930; Feb. 8.
Trailer coupling. C. W. Switzer. 2,107,965; Feb. 8.
Transformer for high tension, Electric. A. Bajon. 2,107,973; Feb. 8.
Transmission, Variable speed. A. B. Knight. 2,107,483; Feb. 8.
Trap: *See*—
Animal trap.
Trap and balanced valve, Steam. W. K. Simpson. 2,107,551; Feb. 8.
Tray, Serving. M. B. Solomon. 2,107,744; Feb. 8.
Tree holder, Christmas. J. E. Lyons. 2,107,638; Feb. 8.
Tree pruner. L. S. Stripling. 2,107,401; Feb. 8.
Truck. J. F. Holloway. 2,107,296; Feb. 8.
Truck. G. J. McQueen. 2,107,384; Feb. 8.
Truck conveyer, Hand. C. S. Borggaard. 2,107,465; Feb. 8.
Truck, Unloading. R. E. Wall. 2,107,682; Feb. 8.
Tube: *See*—
Amplifier tube.
Discharge tube.
Tube holding device. F. J. Junkermann. 2,107,635; Feb. 8.
Tube of thermoplastic derivatives of cellulose. W. Salemme. 2,108,022; Feb. 8.
Tube testing apparatus, Collapsible. C. J. Westin. 2,107,922; Feb. 8.

Tube with tank circuits, Vacuum. R. K. Potter. 2,107,387; Feb. 8.
Tubes, Manufacturing composite seamless. R. K. Hopkins. 2,107,943; Feb. 8.
Tubes of thermoplastic derivatives, Method and apparatus for making. W. Salemme. 2,108,023; Feb. 8.
Tubular articles, Apparatus for forming. W. C. Robbins. 2,107,837; Feb. 8.
Tumbling, Apparatus for teaching. O. O. Howland. 2,107,377; Feb. 8.
Tunnel mucking apparatus. C. M. Browner. 2,107,688; Feb. 8.
Tunnels, Constructing. M. I. Killmer. 2,107,671; Feb. 8.
2,6-dimethylnaphthalene-1-sulphonic acid and preparing it. W. Schumacher. 2,107,910; Feb. 8.
Typewriting machine. E. M. R. Borg. 2,107,364; Feb. 8.
Typewriting machine. W. A. Dobson. 2,107,370; Feb. 8.
Typewriting machine. J. A. B. Smith. 2,107,397–8; Feb. 8.
Universal joint. J. E. Padgett. 2,107,497; Feb. 8.
Vacuum cleaner. E. Faber. 2,107,819; Feb. 8.
Vacuum pump. J. M. Dougherty. 2,107,889; Feb. 8.
Valve: *See*—
Safety and relief valve.
Shut-off valve.
Valve control apparatus. E. G. Parvin. 2,107,874; Feb. 8.
Valve for carburetors. E. A. Rullison. 2,107,998; Feb. 8.
Valve for preventing the bursting of liquid containers, Relief. V. Merritt. 2,107,870; Feb. 8.
Vapor phase hydrolysis of halogenated hydrocarbons. R. C. Perkins and A. J. Dietsler. 2,107,710; Feb. 8.
Vehicle: *See*—
Motor vehicle.
Toy-vehicle.
Vehicle body construction. I. B. Cooper. 2,107,854; Feb. 8.
Vehicle construction, Motor. G. A. Gemmer. 2,107,606; Feb. 8.
Vehicle frame. R. H. Maddock. 2,107,382; Feb. 8.
Vehicle of the tricycle or velocipede type. M. E. Roe. 2,107,506; Feb. 8.
Vise, Hydraulic. E. C. Wells. 2,107,970; Feb. 8.
Volume control system, Automatic. L. F. Willging. 2,107,514; Feb. 8.
Wall construction, Fire. G. Crombie, Sr. 2,107,524; Feb. 8.
Wall for railway cars, Corrugated. G. G. Gilpin. 2,107,861; Feb. 8.
Wardrobe, cupboard, or the like, Portable. M. Krantz. 2,107,828; Feb. 8.
Wardrobe rack. R. A. Magnuson. 2,107,640; Feb. 8.
Washer. I. P. Pedrick. 2,107,340; Feb. 8.
Washing machine. R. E. Reed. 2,107,426; Feb. 8.
Water cooled motor. C. E. Johnson. 2,107,481; Feb. 8.
Water treatment. H. Redman. 2,107,765; Feb. 8.
Water treatment. W. S. Russell. 2,108,021; Feb. 8.
Wax from mineral oil by filtration, Separation of. W. P. Gee. 2,107,664; Feb. 8.
Web supply arrangement of printing presses. H. A. W. Wood. 2,107,461; Feb. 8.
Wedge for concrete form ties. D. C. Hungerford. 2,107,415; Feb. 8.
Weighing machine, Changing display. G. Marsden. 2,107,674; Feb. 8.
Weldrod. L. B. Wilson. 2,107,434; Feb. 8.
Well bit. A. C. Catland. 2,107,626; Feb. 8.
Well casing setting and backing-off coupling. J. C. Singleton. 2,107,716; Feb. 8.
Well cleaning system. W. C. Erwin. 2,107,631; Feb. 8.
Well drilling apparatus, Rotary. D. T. Foster. 2,107,475; Feb. 8.
Well pumping apparatus. A. N. Porter. 2,107,498; Feb. 8.
Well reamer. T. M. Pyle. 2,107,547; Feb. 8.
Welt, Finishing. H. W. Buhler. 2,107,467; Feb. 8.
Wheel: *See*—
Sanding wheel.
Wheel construction. C. S. Ash. 2,107,925; Feb. 8.
Wheel, Forming a. F. H. Le Jeune. 2,107,950; Feb. 8.
Whip stock removing device. G. L. Kothny. 2,107,420; Feb. 8.
Winding process for filaments of artificial origin. K. Schmidt. 2,107,996; Feb. 8.
Windmill. C. J. Clark. 2,107,690; Feb. 8.
Window. S. Prifti. 2,107,711; Feb. 8.
Window and its associated shade. A. C. Thompson. 2,107,432; Feb. 8.
Window construction. R. T. Axe. 2,107,775; Feb. 8.
Window construction. T. W. Holt and J. F. Levan. 2,108,000; Feb. 8.
Window frame and sash unit. R. T. Axe. 2,107,773; Feb. 8.
Window lock. W. F. and L. C. Hinderer. 2,107,479; Feb. 8.
Window, Storm. E. E. Benson. 2,107,929; Feb. 8.
Wiper blade, Windshield. H. H. Grece. 2,107,567; Feb. 8.
Wiper, Foam. H. G. and H. J. Richter. 2,107,876; Feb. 8.
Wiping device for rolling mill rolls. P. H. Long. 2,107,541; Feb. 8.
Wiredrawing machine, High speed. W. D. Pierson and G. W. Jackman. 2,107,799; Feb. 8.
Wire line ends and forming same. E. E. Wherry. 2,107,810; Feb. 8.
Wire, Method of and apparatus for severing into lengths coiled filaments. H. Asmussen and J. Riess. 2,107,926; Feb. 8.
Wire products, Apparatus for making. A. F. Bradley. 2,107,745; Feb. 8.
Wool material unshrinkable and non-felting product made thereby, Rendering. A. J. Hall. 2,107,703; Feb. 8.
Work transferring device for knitting machines. C. A. Riggs and T. B. Farmer. 2,107,548; Feb. 8.
Wrapping or packing machine. W. J. Kemp. 2,107,482; Feb. 8.
Wrench: *See*—
Ratchet wrench.
Wringer and wringer support connection. W. L. Kauffman. 2,107,539; Feb. 8.
X-ray apparatus. E. S. Humphreys. 2,107,825; Feb. 8.
Yarn, Continuous. M. A. Salembier, Jr. 2,107,838; Feb. 8.
Yarn, Treating. E. F. James and L. E. Remick. 2,107,536; Feb. 8.
Yarn winding machine. R. E. Moser. 2,107,385; Feb. 8.

CLASSIFICATION OF PATENTS

ISSUED FEBRUARY 8, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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114— 48.6: 2,107,506
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88: 2,107,509
114: 2,107,504
117— 82: 2,107,526
118— 15: 2,107,578
61: 2,108,027
119— 81: 2,107,573
97: 2,107,494
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120— 4: 2,107,700
18: 2,107,579
42: 2,108,022
43: 2,107,524
83: 2,107,516
122— 480: 2,107,440
481: 2,107,515
123— 32: 2,107,792
79: 2,107,520
97: Re. 20,051
103: 2,107,514
124: 2,107,574
143: 2,107,502
126— 39: 2,107,972
128— 25: 2,107,449
130— 8: 2,107,508
24: 2,107,509
131— 6: 2,107,543
55: 2,107,501
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36.1: 2,107,557
36.2: 2,107,438
40: 2,107,545
41: 2,107,549
134— 14: 2,107,511
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135— 1: 2,107,508
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137— 34.3: 2,107,570
53: 2,107,704
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130: 2,107,678
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153: 2,107,503
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251: 2,107,466
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219: 2,107,757
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2,107,782
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155— 11: 2,107,508
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158— 1: 2,108,007
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154— 1: 2,107,485
2.6: 2,107,901
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32: 2,107,530
155— 5.19: 2,107,501
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21: 2,107,527
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55: 2,107,530
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162: 2,107,785
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123: 2,107,740
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172— 120: 2,107,572
173— 31: 2,107,535
263: 2,107,550
314: 2,107,504
324: 2,107,751
175— 41: 2,107,423
182: 2,108,014
316: 2,107,732
329: 2,107,927
356: 2,107,973
363: 2,107,500
2,107,904
176— 16: 2,107,509
177— 311: 2,107,525
353: 2,107,902
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7.7: 2,107,902
2,107,775
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69: 2,107,753
179— 1: 2,107,504
1.5: 2,107,786
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100.3: 2,107,743
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184— 27: 2,107,902
69: 2,107,998
187— 67: 3,107,956
188— 8: 2,107,998
78: 2,107,995
83: 2,107,998
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107: 2,107,761
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171: 2,107,994
181: 2,107,923
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34: 2,107,413
36: 2,107,977
64: 2,107,775
69: 2,107,432
72: 2,108,000
76: 2,107,942
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3: 2,107,994
60: 2,107,344
103: 2,107,789
104: 2,107,341

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	107: 2,107,741		20: 2,107,892		60: 2,107,355	247—	1: 2,107,416		73: 2,107,547		118: 2,107,326
	113: 2,107,954		46: 2,107,695		93: 2,108,028		3: 2,107,412	257—	3: 2,107,398		140: 2,107,672
	122: 2,107,345		56: 2,107,444		96: 2,107,654		2,107,865		30: 2,107,478	280—11.13: 2,107,303	
193—	21: 2,107,781		82: 2,107,730		106: 2,107,563		2,107,915	259—	72: 2,107,718		33: 2,107,881
	35: 2,107,822	207—	2: 2,107,396		116: 2,107,324	248—	47: 2,107,638	260—	2: 2,107,796		33.15: 2,107,312
194—	100: 2,107,402		9: 2,107,846	223—	25: 2,107,981		191: 2,107,629		8: 2,107,610		47: 2,107,855
195—	37: 2,107,830		10: 2,107,510		30: 2,107,021		198: 2,107,991		13: 2,107,321		108: 2,107,382
196—	4: 2,107,473	209—	12: 2,107,280		94: 2,107,573		201: 2,107,668		41: 2,107,856		111: 2,107,384
	13: 2,107,291		260: 2,107,532	224—	29: 2,107,336	250—	1: 2,107,783		44: 2,107,370		153: 2,107,593
	2,107,429		314: 2,107,720	225—	8: 2,107,576		11: 2,107,623		54: 2,107,941		248: 2,107,722
	2,107,681		467: 2,107,602		30: 2,107,986		17: 2,107,426		61: 2,107,466		274: 2,107,506
	2,107,807	210—	16: 2,108,021	226—	29: 2,107,723		20: 2,107,396		64: 2,107,652	281—	29: 2,108,015
	20: 2,107,713		23: 2,107,765		66: 2,107,952		2,107,894	99.12: 2,107,808		285—	48: 2,107,802
	47: 2,107,492		65: 2,107,544		68: 2,107,474		2,107,895	99.30: 2,107,904		290—	25: 2,107,844
	48: 2,107,454		73: 2,107,900		95: 2,107,274		2,107,899	102: 2,107,537		292—	60: 2,107,479
	2,107,705		183: 2,107,408		125: 2,107,287		2,107,900	122: 2,107,537			78: 2,107,687
	49: 2,107,269		190: 2,107,464	229—	7: 2,107,826		2,107,472	125: 2,107,712			192: 2,107,299
	2,107,309	211—	1: 2,107,640		17: 2,107,613		2,107,514	131: 2,107,905			2,107,300
	93: 2,107,354		28: 2,107,576		2,107,614		27.5: 2,107,333	150: 2,107,305		337: 2,107,774	
197—	81: 2,107,364		37: 2,107,305		22: 2,107,946		2,107,352		2,107,367	296—	22: 2,107,854
	114: 2,107,370		147: 2,107,660		27: 2,107,999		2,107,353	154: 2,107,307			44: 2,107,778
	127: 2,107,374	212—	61: 2,107,500		92.8: 2,107,450		2,107,518		2,107,650		61: 2,107,371
	2,107,397	213—	4: 2,107,376	230—	29: 2,107,644		2,107,519		2,107,710		81: 2,107,498
	2,107,398	214—	17: 2,107,980		127: 2,107,997		2,107,520		2,107,911		97: 2,107,596
198—	8: 2,107,469		36: 2,107,292		134: 2,107,904		2,107,611	159: 2,107,515			110: 2,107,940
	15: 2,107,419		41: 2,107,569		139: 2,107,630		2,107,908		2,107,794	299—	73: 2,107,971
200—	5: 2,107,947		53: 2,107,982		252: 2,107,819		2,107,945	157: 2,107,790			83: 2,107,936
	19: 2,107,266		90: 2,107,668	235—	15: 2,107,562		94: 2,107,525	159: 2,107,910			84: 2,107,940
	2,107,470		138: 2,107,595		130: 2,107,445		98: 2,107,567	166: 2,108,011			107.6: 2,107,891
	2,107,709		145: 2,107,342		132: 2,107,447		35: 2,107,327	1: Re.20,650		301—	120: 2,107,601
	22: 2,107,742	215—	11: 2,107,442	236—	49: 2,107,909	261—	119: 2,107,906	96: 2,107,714			140.1: 2,107,686
	58: 2,107,912		38: 2,107,267		53: 2,107,551		132: 2,107,727	109: 2,107,496			2,107,726
	86: 2,107,340		74: 2,107,309	237—	1: 2,107,933		145: 2,107,832	262—	28: 2,107,584		2,107,732
	2,107,851	216—	9: 2,107,311		53: 2,107,523	263—	159: 2,107,982		33: 2,107,942	301—	36: 2,107,925
	87: 2,107,948		33: 2,107,900	240—	2: 2,107,570	264—	100: 2,107,717	263—	19: 2,107,365	305—	10: 2,107,490
	88: 2,107,320	217—	109: 2,107,389		2.11: 2,107,888		108: 2,107,715		33: 2,107,439	308—	21: 2,107,499
	90: 2,107,321	219—	3: 2,107,531		2.18: 2,107,791	265—	1: 2,107,420		51: 2,107,675		80: 2,107,413
	116: Re.20,649		8: 2,107,434		4: 2,107,914		18: 2,107,488	265—	47: 2,107,883		84: 2,107,414
202—	67: 2,107,265		19: 2,107,388		8.3: 2,107,648		19: 2,107,556	266—	28: 2,107,396	309—	20: 2,107,795
	144: 2,107,642		2,107,981		10.60: 2,107,599		2,107,958	267—	50: 2,107,455		44: 2,107,301
	189: 2,107,369		40: 2,108,020		41: 2,107,906		23: 2,107,475		64: 2,107,464	311—	82: 2,107,572
204—	1: 2,107,318		46: 2,107,598		41.6: 2,107,443		28: 2,107,716	270—	8: 2,107,461	312—	6: 2,107,823
	2,107,808	220—	8: 2,107,643		48.4: 2,107,801		39: 2,107,486		27: 2,107,462		39: 2,107,790
	24: 2,107,770		10: 2,107,982	242—	55.4: 2,107,608		50: 2,107,552	271—	27: 2,107,977		
	2,107,771		41: 2,107,997		74: 2,107,530		2,107,954	272—	52: 2,107,448		
	2,107,772		42: 2,107,437	244—	153: 2,107,938		64: 2,107,296		60: 2,107,377		
	26: 2,108,030		46: 2,108,024	245—	16: 2,107,719		71: 2,107,626		73: 2,107,447		
	31: 2,107,505		82: 2,107,720	246—	50: 2,107,675		2,107,627	273—	22: 2,107,944		
206—	16: 2,107,798		86: 2,107,600		2,107,679		2,107,665		33: 2,107,706		

U. S. GOVERNMENT PRINTING OFFICE: 1930

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Allied Knitting Mills, New York, N. Y. Neckties, mufflers, gloves, etc. Serial No. 399,945; Feb. 15. Class 39.

American Automatic Devices Co., Chicago, Ill. Vehicle rear view mirrors. Serial No. 400,361; Feb. 15. Class 19.

American Chain & Cable Company, Inc., Bridgeport, Conn. Wire rope and wire strand. Serial No. 400,806; Feb. 15. Class 7.

American Laundry Machinery Company, The, Cincinnati, Ohio. Pressing machines. Serial No. 401,204; Feb. 15. Class 24.

Arnold, Hoffman & Co. Incorporated, Providence, R. I. Chemical products. Serial Nos. 399,547-53; Feb. 15. Class 6.

Ash Grove Lime & Portland Cement Company, Kansas City, Mo. Building cement. Serial No. 393,685; Feb. 15. Class 12.

Baker & Company, Inc., Newark, N. J. Liquid separation material for use in making dental impressions and dental models. Serial No. 400,628; Feb. 15. Class 44.

Baker Clothes Inc., Philadelphia, Pa. Suits, coats, vests, etc. Serial No. 400,396; Feb. 15. Class 39.

Barclay, Jas., & Co., Limited, Detroit, Mich., and Peoria, Ill. Whiskey. Serial No. 399,744; Feb. 15. Class 49.

Barker, E. M., doing business as A. E. Barker & Company, Los Angeles, Calif. Fresh vegetables. Serial No. 400,680; Feb. 15. Class 46.

Batterman, Benjamin, Brooklyn, N. Y. Ladies' shoes. Serial No. 397,960; Feb. 15. Class 39.

Beck, A. S. Shoe Corporation, New York, N. Y. Shoes and slippers. Serial No. 400,079; Feb. 15. Class 39.

Bell & Zoller Coal Company, Chicago, Ill. Coal. Serial No. 400,859; Feb. 15. Class 1.

Bee-Burk, Inc., Boston, Mass. Whiskey. Serial No. 401,206; Feb. 15. Class 49.

Better Feed Stores. (See Schneider Brothers and Company of Bloomsburg, Pennsylvania.)

Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics. Serial No. 400,720; Feb. 15. Class 42.

Boehringer, C. H., Sohn Aktiengesellschaft, Nieder-Ingelheim on the Rhine, Germany. Cough medicines, cholagogues, campher preparations, etc. Serial No. 392,909; Feb. 15. Class 6.

Boeing Aircraft Company, Seattle, Wash. Airplanes and structural parts thereof. Serial No. 400,587; Feb. 15. Class 19.

Bonnette Foundations, Inc., New York, N. Y. Brassieres, body foundations, corsets, etc. Serial No. 386,198; Feb. 15. Class 39.

Burry Biscuit Corporation, Linden, N. J. Cookies. Serial No. 396,472; Feb. 15. Class 46.

Caballero, Lala M., Habana, Cuba. Pharmaceutical preparation. Serial No. 399,921; Feb. 15. Class 6.

California Consumers Corporation, Los Angeles, Calif. Canned citrus juice sold as a beverage. Serial No. 399,791; Feb. 15. Class 45.

Camden County Beverage Company, Camden, N. J. Ale. Serial No. 394,449; Feb. 15. Class 45.

Carpenter Steel Company, The, Reading, Pa. Steel. Serial No. 401,207; Feb. 15. Class 14.

Central Fibre Products Company, Incorporated, Chicago, Ill. Boxes. Serial No. 399,993; Feb. 15. Class 2.

Chisholm-Ryder Co., Inc., Niagara Falls, N. Y. Radio aerial equipment. Serial No. 398,535; Feb. 15. Class 21.

Cohn Hall Marx Co., New York, N. Y. Linen piece goods. Serial No. 400,365; Feb. 15. Class 42.

Collins, Rebecca, Los Angeles, Calif. Salves. Serial No. 396,530; Feb. 15. Class 6.

Cummer Sons Cypress Company, Jacksonville, Fla. Shingles, lathe, turned posts, etc. Serial No. 400,552; Feb. 15. Class 12.

Democratic Voter Management, The, Chicago, Ill. Newspaper. Serial No. 398,534; Feb. 15. Class 38.

Deer-Pilkington Corporation, Bennville, Ind. Beverages and for a compound for flavoring cola drinks. Serial No. 396,530; Feb. 15. Class 45.

De Vries, Jeanne, doing business as Jeanne Doré, New York, N. Y. Facial creams, face powder, rouge, etc. Serial No. 392,749; Feb. 15. Class 6.

Diamond Match Company, The, New York, N. Y. Toilet tissue. Serial No. 400,361; Feb. 15. Class 37.

Diarsenol Company, Incorporated, Buffalo, N. Y. Preparation of arsenic. Serial No. 399,244; Feb. 15. Class 6.

Doré, Jeanne. (See de Vries, Jeanne.)

Dorr Company, Inc., The, New York, N. Y. Apparatus for treatment of solids suspended in liquids in sewage and trade-waste systems. Serial Nos. 400,206-7; Feb. 15. Class 23.

Dorr Company, Inc., The, New York, N. Y. Apparatus for treatment of solids suspended in liquids in sewage systems. Serial No. 400,960; Feb. 15. Class 23.

Eckert, Louis, Brewing Company, Los Angeles, Calif. Beer. Serial No. 394,480; Feb. 15. Class 45.

Education News Printing Company, Minneapolis, Minn. Newspaper publication. Serial No. 399,954; Feb. 15. Class 38.

Effantab Products, Inc., New Rochelle, N. Y. Effervescent antiseptic tablets. Serial No. 397,330; Feb. 15. Class 6.

Emlong, Ralph R., doing business as Emlong's Nursery, Stevensville, Mich. Fruit plants and fruit trees. Serial No. 400,756; Feb. 15. Class 1.

Essex Rubber Company, Trenton, N. J. Rubber heels. Serial No. 400,725; Feb. 15. Class 39.

Face-O-Lite, Inc., Lincoln, Nebr. Astringent. Serial No. 400,228; Feb. 15. Class 6.

Federal Washboard Company, The, Chicago, Ill. Washboards. Serial Nos. 401,656-61; Feb. 15. Class 24.

Feit, Moe, Brighton Beach, N. Y. Dresses and wraps. Serial No. 400,687; Feb. 15. Class 39.

Fibre Cord Company, Inc., New York, N. Y. Cordage, ribbon, and like strands. Serial No. 399,704; Feb. 15. Class 37.

Fintex Corporation, The, Cleveland, Ohio, and Detroit, Mich. Suits, coats, vests, etc. Serial No. 398,767; Feb. 15. Class 39.

Fitchhorn, Elver J., doing business as Saxette Company, Delaware, Ohio. Wind-type musical instruments. Serial No. 391,861; Feb. 15. Class 36.

Fox, Jerry A., doing business as Franklin Laboratories, Flushing, N. Y. Blood tonic. Serial No. 396,935; Feb. 15. Class 6.

Frank & Meyer Neckwear Company, St. Louis, Mo. Neckwear. Serial No. 398,533; Feb. 15. Class 39.

Franklin Laboratories. (See Fox, Jerry A.)

Frohlich Laboratories, Incorporated, Seattle, Wash. Preparation for destroying hair. Serial No. 396,912; Feb. 15. Class 6.

Funches, Gussie, St. Louis, Mo. Hand lotion. Serial No. 400,157; Feb. 15. Class 6.

G. & A. Laboratories, Inc., Savannah, Ga. Rosin. Serial No. 400,688; Feb. 15. Class 1.

Gavora, George, doing business as Honey Bee Specialties Company, Chicago, Ill. Candied pop corn confections. Serial No. 371,917; Feb. 15. Class 46.

General Gas Corporation, Des Moines, Iowa. Bottled gas regulating and dispensing units. Serial No. 398,102; Feb. 15. Class 34.

Gephart Manufacturing Company, Chicago, Ill. Protective sheath or casing for fishing rods and the like. Serial No. 398,848; Feb. 15. Class 2.

Gibbs & Company, Chicago, Ill. Eye-brow pencils. Serial No. 399,448; Feb. 15. Class 6.

Globe American Corporation, doing business as Makomb Steel Products Company, Kokomo, Ind., and Macomb, Ill. Oil burning water heater. Serial No. 400,445; Feb. 15. Class 34.

Godfrey Boller Company, Philadelphia, Pa. Knitted fabric covers for dampening rollers. Serial No. 400,342; Feb. 15. Class 50.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Polishing gauze and cloths, spot remover and glass cleaner, etc. Serial No. 396,071; Feb. 15. Class 4.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Rubber cement, auto top seal, and tire dough. Serial No. 396,072; Feb. 15. Class 5.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Acid seal paint, touch-up enamel, etc. Serial No. 396,073; Feb. 15. Class 16.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Fan belts, hose, cord air pressure bags, etc. Serial No. 396,075; Feb. 15. Class 35.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Rubber bands and pencil erasers. Serial No. 396,076; Feb. 15. Class 37.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Tanks, containers and battery jars. Serial No. 396,126; Feb. 15. Class 2.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Paper machine rolls, wringer rolls, typewriter platens, etc. Serial No. 396,127; Feb. 15. Class 23.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Rubber heels and soles, rubber gloves, etc. Serial No. 396,128; Feb. 15. Class 39.

Goodrich, B. F., Company, The, New York, N. Y., and Akron, Ohio. Rectal and stomach tubes, ice caps and bags, atomizers, etc. Serial No. 396,129; Feb. 15. Class 44.

Goodyear Tire & Rubber Company, Inc., The, Wilmington, Del., and Akron, Ohio. Bicycles. Serial No. 400,412; Feb. 15. Class 19.

Graduate School of Banking, The, New York, N. Y. Badges, pendants, emblems, etc. Serial No. 401,110; Feb. 15. Class 38.

Graham Paper Company, St. Louis, Mo. Paper. Serial No. 396,431; Feb. 15. Class 37.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Greenough, H. Vose, Jr. Brookline, Mass. Phonograph records. Serial No. 400,573; Feb. 15. Class 36.
Grifal, Jacob, New York, N. Y. Waterproofing compound. Serial No. 397,490; Feb. 15. Class 6.
H & H Sales Company. (See Hardin, Philip N.)
Haddad, John G., doing business as Testo Products, New Orleans, La. Kidney pills. Serial No. 399,274; Feb. 15. Class 6.
Hardin, Philip N., doing business as H & H Sales Company, Fortville, Ind. Ticket and punch board games. Serial No. 400,372; Feb. 15. Class 22.
Harris Laboratories, Inc., The, Tuckahoe, N. Y. Liquid tonic. Serial No. 400,101; Feb. 15. Class 6.
Home Helpers Co. (See Wittman, Hugo.)
Honey Bee Specialties Company. (See Gavora, George.)
Huber, Charlotte, New York, N. Y. Skin cream. Serial No. 396,920; Feb. 15. Class 6.
Hudnut, Richard, Inc., New York, N. Y. Toilet kits. Serial No. 398,726; Feb. 15. Class 50.
Hudson Valley Wine Company, Inc., Highland, N. Y. Wines. Serial No. 400,768; Feb. 15. Class 47.
Hut Neckwear Co. Inc., New York, N. Y. Neckties and cravats. Serial No. 397,405; Feb. 15. Class 39.
Iodine Products Co., Philadelphia, Pa. Iodine compound. Serial No. 399,985; Feb. 15. Class 6.
Irwin, James B., Coral Gables, Fla. Chemical fluids. Serial No. 397,116; Feb. 15. Class 6.
Jaunty Silk Co. Inc., The, Scranton, Pa. Piece goods. Serial No. 400,841; Feb. 15. Class 42.
Jere Products Co., Chicago, Ill. Maltless syrups and flavors for soft drinks and mixers. Serial No. 381,458; Feb. 15. Class 45.
Johnson, Hunter, Salinas, Calif. Fresh vegetables. Serial No. 401,068; Feb. 15. Class 46.
Kandi-Bose, Inc., New York, N. Y. Medicated confection for dogs. Serial No. 399,319; Feb. 15. Class 6.
Keystone Bloomer Co., Inc., Brooklyn, N. Y. Dress shirts, polo shirts, and lumber jackets. Serial No. 400,235; Feb. 15. Class 39.
Kiddies Pal, Inc., New York, N. Y. Girls' dresses and boys' suits. Serial No. 400,648; Feb. 15. Class 39.
Kimberly-Clark Corporation, Neenah, Wis. Catalog and booklet cover paper. Serial No. 400,770; Feb. 15. Class 37.
Kimberly-Clark Corporation, Neenah, Wis. Book and catalog cover papers. Serial No. 400,771; Feb. 15. Class 37.
Klaes, John F., doing business as ZAR Company, Denver, Colo. Preparation for dandruff, falling hair, etc. Serial No. 396,781; Feb. 15. Class 6.
Koppers Company, Pittsburgh, Pa., and Baltimore, Md. Piston rings. Serial No. 399,093; Feb. 15. Class 35.
Krumbein & Lichtblau, New York, N. Y. Ladies' and children's underwear. Serial No. 400,346; Feb. 15. Class 39.
Lacov Underwear Company. (See Lipschitz, Eva.)
Lang, C. C., & Son, Inc., Baltimore, Md. Pickles, relishes, pickle, pepper, and cabbage, etc. Serial No. 395,303; Feb. 15. Class 46.
Lefcort Hosiery Mills, Inc., New York, N. Y. Ladies' hosiery. Serial No. 400,387; Feb. 15. Class 39.
Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Suits and topcoats. Serial No. 400,775; Feb. 15. Class 39.
Levy Bros. & Adler Rochester, Incorporated, Rochester, N. Y. Suits and topcoats. Serial No. 400,778; Feb. 15. Class 39.
Libbey, Geo. H., doing business as Libbey Fruit Packing Co., Phoenix, Ariz. Fresh citrus fruit. Serial No. 400,197; Feb. 15. Class 46.
Lipschitz, Eva, doing business as Lacov Underwear Company, New York, N. Y. Panties, step-ins, bloomers, etc. Serial No. 400,348; Feb. 15. Class 39.
Ludlow Manufacturing & Sales Co., Boston, Mass. Thread for shoemakers' use. Serial No. 397,543; Feb. 15. Class 43.
MacMechan, Thomas S., Boston, Mass. Animated picture booklets. Serial No. 393,996; Feb. 15. Class 38.
Macy, R. H., & Co., Inc., New York, N. Y. Silk piece goods, gauze pads, diaper cloth, etc. Serial No. 399,243; Feb. 15. Class 42.
Mahomb Steel Products Company. (See Globe American Corporation.)
Martin and Dalton Druggists, Tallahassee, Fla. Medicinal preparation. Serial No. 393,607; Feb. 15. Class 6.
Martin's, Brooklyn, N. Y. Men's wearing apparel. Serial No. 400,317; Feb. 15. Class 39. Class 42.
May Department Stores Company, The, New York, N. Y., Baltimore, Md., Akron and Cleveland, Ohio, Denver, Colo., Los Angeles, Calif. and St. Louis, Mo. Shirts and collars. Serial No. 400,695; Feb. 15. Class 39.
McClure, Arthur F., doing business as The Supertol Products Co., Leavenworth, Kans. Arterial embalming fluid, embalmers chemicals, etc. Serial No. 397,337; published Feb. 15, 1938. Class 6.
McCurrach Organization Incorporated, New York, N. Y. Neckties and mufflers. Serial No. 400,383; Feb. 15. Class 39.
Mechanization, Incorporated, Washington, D. C. Publication. Serial No. 400,461; Feb. 15. Class 38.
Meck, John M., New York, N. Y. Windows and window screens. Serial No. 400,516; Feb. 15. Class 12.
Medicinal Research Laboratories, Philadelphia, Pa. Preparation used in the treatment of whooping cough, bronchitis, etc. Serial No. 399,419; Feb. 15. Class 6.
Medusa Portland Cement Company, Cleveland, Ohio. Portland cement. Serial No. 400,648; Feb. 15. Class 12.
Micromatic Home Corporation, Detroit, Mich. Home machine. Serial No. 399,454; Feb. 15. Class 22.
Micro Switch Corporation, Freeport, Ill. Overload and overheat protectors and circuit controlling protectors. Serial No. 400,782; Feb. 15. Class 21.
Miller, Dorothy, Toledo, Ohio. Maltless beverages, and sirups and extracts for making same. Serial No. 400,849; Feb. 15. Class 45.
Miller, I., and Sons, Inc., Long Island City, N. Y. Ladies' shoes. Serial No. 399,974; Feb. 15. Class 39.
Minchenberg, David, New York, N. Y. Dresses, blouses, culottes, etc. Serial No. 400,518; Feb. 15. Class 39.
Mi-Pet Products Company, New York, N. Y. Canary seed. Serial No. 396,318; Feb. 15. Class 46.
Morley, I. & R., Limited, London, England. Hosiery and underwear. Serial No. 400,009; Feb. 15. Class 39.
Mtch, Rudy, New York, N. Y. Musical instruments and accessories. Serial No. 400,732; Feb. 15. Class 36.
National Broach & Machine Co. Detroit, Mich. Gauges and machines for sound testing gears. Serial No. 400,786; Feb. 15. Class 26.
National Electric Products Corporation, Pittsburgh, Pa. Insulated electrical conductor wires. Serial No. 400,918; Feb. 15. Class 21.
National Enameling and Stamping Company, Milwaukee, Wis. Kitchen sets. Serial No. 399,456; Feb. 15. Class 2.
National Washboard Company, Chicago, Ill. Washboards. Serial No. 401,674; Feb. 15. Class 24.
Newmark, M. A., Co. (See Schuette, H. J.)
Newsom, Palmer & Company, New York, N. Y., assignor to Tea Bureau Incorporated. Beer and ale. Serial No. 400,202; Feb. 15. Class 48.
Oregon Fruit Packers, Portland, Oreg. Fruit juices. Serial No. 399,471; Feb. 15. Class 45.
Palmer Fruit Products Inc., New York, N. Y. Bottled juice. Serial No. 400,248; Feb. 15. Class 45.
Parents' Institute, Inc., New York, N. Y. Publication. Serial No. 400,523; Feb. 15. Class 38.
Parker Brothers, Inc., Portland, Maine, and Salem, Mass. Card game. Serial No. 401,073; Feb. 15. Class 22.
Patton, Walter D., doing business as Patton Products Company, Los Angeles, Calif. Dry cleaning machinery. Serial No. 400,852; Feb. 15. Class 24.
Petersen & Evertsen, Inc., New York, N. Y. Coffee, rice, and spices. Serial No. 397,600; Feb. 15. Class 46.
Pinaud Incorporated, New York, N. Y. Perfumery extracts. Serial No. 365,477; Feb. 15. Class 6.
Popular Magazines, Inc., Greenwich, Conn. Magazine. Serial No. 397,617; Feb. 15. Class 38.
RCA Manufacturing Company, Inc., Camden, N. J. Sound records for talking machines. Serial No. 394,255; Feb. 15. Class 36.
RCA Manufacturing Company, Inc., Camden and Harrison, N. J. Fluorescent screens for use in cathode ray tubes. Serial No. 397,084; Feb. 15. Class 21.
Record-O-Tone, Inc., Los Angeles and Hollywood, Calif. Machines, apparatus, and parts. Serial No. 394,910; Feb. 15. Class 21.
Renault, L. N., & Sons, Inc., Egg Harbor City, N. J. Wine. Serial Nos. 398,621-3; Feb. 15. Class 47.
Restaurants & Patisseries Longchamps, Inc., New York, N. Y. Candy, coffee, tea. Serial No. 400,612; Feb. 15. Class 46.
Reynolds Metals Company, Inc., New York, N. Y. Cotton piece goods. Serial No. 400,204; Feb. 15. Class 42.
Rhodes, Norris L., Chardon, Ohio. Maple syrup. Serial No. 377,713; Feb. 15. Class 46.
Romaine Pierson Publishers, Inc., New York, N. Y. Pharmaceutical publication. Serial No. 395,969; Feb. 15. Class 38.
Ronsone & Lange, New York, N. Y. Ring and peg game. Serial No. 401,620; Feb. 15. Class 22.
Ross, J. O., Engineering Corporation, New York, N. Y. High pressure hot water heat distribution units and parts therefor. Serial No. 396,837; Feb. 15. Class 34.
S and W Fine Foods, Inc., San Francisco, Calif. Fruit juices sold for beverage purposes only. Serial No. 399,247; Feb. 15. Class 45.
Samet Laboratories, Philadelphia, Pa. Soft drinks and syrups for making same. Serial No. 400,251; Feb. 15. Class 45.
Sattler's, Inc., Buffalo, N. Y. Shoes. Serial No. 395,540; Feb. 15. Class 39.
Saxette Company. (See Fitchhorn, Elver J.)
Schneider Brothers and Company of Bloomsburg, Pennsylvania, doing business as Better Food Stores, Bloomsburg, Pa. Coffee, catsup, dill pickles, etc. Serial No. 362,682; Feb. 15. Class 46.
Schooley, Eugene R., doing business as Schooley and Son, Luzerne, Pa. Dog rations. Serial No. 400,472; Feb. 15. Class 46.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Schuette, H. J., doing business as M. A. Newmark Co., Los Angeles, Calif. Soft drinks. Serial No. 399,478; Feb. 15. Class 45.
Schutter Candy Company, Chicago, Ill. Candy. Serial No. 400,796; Feb. 15. Class 46.
Schwartz & Benjamin, Inc., New York, N. Y. Ladies' and misses' shoes. Serial No. 399,839; Feb. 15. Class 39.
Scott-Borden, Inc., Anaheim, Calif. Fresh citrus fruits. Serial No. 396,513; Feb. 15. Class 46.
Sears, Roebuck and Co., Chicago, Ill. Women's sport coats and hats and riding breeches. Serial No. 400,657; Feb. 15. Class 39.
Sharp & Dohme, Incorporated, Philadelphia, Pa. Biological antigenic preparations. Serial No. 387,290; Feb. 15. Class 6.
Shaw, Clarence E., Pittsburgh, Pa. Medicinal compounds. Serial No. 399,778; Feb. 15. Class 6.
Simpson, Wm., Sons & Co., Philadelphia, Pa. Cotton goods. Serial No. 396,605; Feb. 15. Class 42.
Smith, Kenneth, Kenora, Kans. Golf clubs and parts thereof. Serial No. 401,511; Feb. 15. Class 22.
Smith Manufacturing Company, Utica, N. Y. Household spray and insecticide, deodorizer, etc. Serial No. 394,438; Feb. 15. Class 6.
Soy Bean Processing Company, Inc., Waterloo, Iowa. Soy bean insecticides. Serial No. 399,782; Feb. 15. Class 6.
Standard Brands Incorporated, New York, N. Y. Malt syrup. Serial No. 399,377; Feb. 15. Class 46.
Standard Garment Co. Inc., New York, N. Y. Dresses, outer skirts, blouses, etc. Serial No. 398,644; Feb. 15. Class 39.
Stiefel, J. K., & Company, New York, N. Y. Laces in the piece. Serial No. 399,495; Feb. 15. Class 42.
Supertol Products Co., The. (See McClure, Arthur F.)
Tannenbaum, Max, doing business as Max Tannenbaum Co., New York, N. Y. Ladies' handbags. Serial No. 399,864; Feb. 15. Class 3.
Tea Bureau Incorporated. (See Newsom, Palmer & Company, assignor.)
Testo Products. (See Haddad, John G.)
Thomas, William H., Pittsburgh, Pa. Educational game. Serial No. 401,009; Feb. 15. Class 22.
Toland & Donald, Mission, Tex. Fresh citrus fruits. Serial Nos. 400,188-9; Feb. 15. Class 46.
Tru-Flex Rubber Products Company, Los Angeles, Calif. Tire repair patches. Serial No. 396,520; Feb. 15. Class 35.
United States Glass Company, Pittsburgh, Pa. Glass articles. Serial No. 398,743; Feb. 15. Class 33.
United States Gypsum Company, Chicago, Ill. Bituminous roofing, shingles, waterproof building paper, etc. Serial No. 350,757; Feb. 15. Class 12.
Utility Instrument Company, Cranford, N. J. Electric razors. Serial No. 400,708; Feb. 15. Class 22.
Verner, James, Company, Detroit, Mich. Maltless beverages, and syrups, extracts, and flavors. Serial No. 400,323; Feb. 15. Class 45.
Wahnetah Silk Company, Inc., New York, N. Y. Neckties. Serial No. 400,144; Feb. 15. Class 39.
Walgreen Co., Chicago, Ill. Medicine. Serial No. 399,261; Feb. 15. Class 6.
Warner Brothers Company, The, Bridgeport, Conn. Brassieres. Serial No. 401,123; Feb. 15. Class 39.
Warp, Harold, doing business as Warp Brothers, Chicago, Ill. Impregnated fabric. Serial No. 399,631; Feb. 15. Class 50.
Washington Leather Goods Company, Inc., Newark, N. J. Luggage. Serial No. 398,260; Feb. 15. Class 3.
Weber Food Products Co., Cincinnati, Ohio. Fried cornmeal sticks. Serial No. 399,260; Feb. 15. Class 46.
Weinberg, Weinberg & Alpern, New York, N. Y. Dresses, suits, coats, blouses, etc. Serial No. 400,664; Feb. 15. Class 39.
Wells Historical Museum, Southbridge, Mass. Antique and reproductions of antique household furniture. Serial No. 386,136; Feb. 15. Class 32.
Wenatchee Valley Foods, Inc., Wenatchee, Wash. Canned fruits. Serial No. 400,816; Feb. 15. Class 46.
Weston, George, Limited, Passaic, N. J. Cookies. Serial No. 396,856; Feb. 15. Class 46.
Windsor-Lloyd Products, Inc., Wilmington, Del. Bicycles. Serial No. 400,740; Feb. 15. Class 19.
Winn, Bella, New York, N. Y. Facial creams. Serial No. 398,380; Feb. 15. Class 6.
Wittman, Hugo, doing business as Home Helpers Co., Buffalo, N. Y. Chemical substance for cleaning tanks, bowls, etc. Serial No. 397,601; Feb. 15. Class 4.
Woyak, John, Elmira, N. Y. Beverages, and sirups and extracts for making the same, and mineral waters. Serial No. 400,862; Feb. 15. Class 45.
Young's Textile Mills, Inc., New York, N. Y. Hair nets. Serial No. 400,360; Feb. 15. Class 42.
Yum Yum Baking Co. Inc., Brooklyn, N. Y. Doughnuts. Serial No. 400,818; Feb. 15. Class 46.
ZAR Company. (See Klaes, John F.)
Zenith Products Company, Wellsville, Ohio. Conditioning capsules for dogs. Serial No. 401,539; Feb. 15. Class 6.

LIST OF REGISTRANTS OF TRADE-MARKS

Aberdeen Laboratories Inc., New York, N. Y. Boiler compounds. 354,532; Feb. 15; Serial No. 396,727; published Nov. 23, 1937. Class 6.
Acco Products, Inc., Long Island City, N. Y. Fasteners and fastener bases for binding loose papers together. 354,612; Feb. 15; Serial No. 397,921; published Dec. 7, 1937. Class 37.
Adams & Company, New Basford, Nottingham, England. Cloths, and stuffs. 354,526; Feb. 15; Serial No. 398,526; published Nov. 30, 1937. Class 42.
Aiello, Luigi, Scranton, Pa. Medicinal preparation. 354,445; Feb. 15; Serial No. 389,049; published Nov. 23, 1937. Class 6.
Aikin-Lambert Company, New York, N. Y. Fountain pens and parts thereof. 354,648; Feb. 15; Serial No. 398,336; published Dec. 7, 1937. Class 37.
Alba Pharmaceutical Company, Inc., New York, N. Y. Crystalline vitamin D. 354,566; Feb. 15; Serial No. 397,351; published Nov. 16, 1937. Class 6.
Al-Lon Manufacturing Co., Inc., Baltimore, Md. Cloth garment bags. 354,676; Feb. 15. Class 2.
Almo Undergarment Company. (See Mayers, Hyman L. R.)
Alton Garment Company, St. Louis, Mo. Ladies' wash frocks. 354,647; Feb. 15; Serial No. 398,302; published Dec. 7, 1937. Class 39.
American Chicle Company, New York, to American Chicle Company, Long Island City, N. Y. Candy breath-deodorizers. 121,743; renewed May 28, 1938.
American Maize-Products Company, New York, N. Y. Starch. 354,434; Feb. 15; Serial No. 395,173; published Nov. 16, 1937. Class 6.
American Safety Razor Corporation, Brooklyn, N. Y. Razors and hair removing devices. 354,628-9; Feb. 15; Serial Nos. 398,142-3; published Dec. 7, 1937. Class 23.
American Vulcanized Fibre Company, assignor to National Vulcanized Fibre Co., Wilmington, Del. Vulcanized fiber. 121,745; renewed May 28, 1938.
Amfre Drug Co., Inc., New York, N. Y. Medicine for the treatment of gall bladder. 354,606; Feb. 15; Serial No. 397,831; published Nov. 16, 1937. Class 6.
Ardea-Rayshine Company, Watertown, Mass. Material for making coaptation bandages and splints. 354,618; Feb. 15; Serial No. 397,998; published Dec. 7, 1937. Class 44.
Aronab Products Co., San Francisco, Calif. Prophylactic rubber parchment articles. 354,626; Feb. 15; Serial No. 396,527; published Dec. 7, 1937. Class 44.
Arrow-Hart & Hegeman Electric Company, The, Hartford, Conn. Electrical circuit breakers, switches, fuses, etc. 354,444; Feb. 15; Serial No. 389,007; published Dec. 7, 1937. Class 21.
Artblend Cosmetic Studios. (See Koholt, George E.)
Atlantic Insulated Wire & Cable Company, Jersey City, N. J., and New York, N. Y., assignor, by mesne assignments, to General Cable Corporation, New York, N. Y., Insulated wire. 120,317-8; renewed Feb. 5, 1938.
Atlas Brewing Company, Chicago, Ill. Cereal maltless beverages. 354,436; Feb. 15; Serial No. 385,720; published Nov. 30, 1937. Class 45.
Atlas Brewing Company, Chicago, Ill. Beer and ale. 354,448; Feb. 15; Serial No. 389,401; published Dec. 7, 1937. Class 48.
Atlas Powder Company, Wilmington, Del. Solutions of cellulose derivatives. 354,605; Feb. 15; Serial No. 397,894; published Nov. 16, 1937. Class 6.
Automatic Cone Company. (See Denaro, James.)
Automatic Electric Company, Chicago, Ill. Insulated conductors, wire, cords, and cable. 354,428; Feb. 15; Serial No. 371,137; published Dec. 31, 1935. Class 21.
Bancroft, Joseph, & Sons Co., Wilmington, Del. Cotton piece goods. 354,630; Feb. 15; Serial No. 398,145; published Dec. 7, 1937. Class 42.
Bancroft, Joseph, & Sons Co., Wilmington, Del. Cotton piece goods. 354,640; Feb. 15; Serial No. 398,233; published Dec. 7, 1937. Class 42.
Beck, Otto, New York, N. Y. Preparation for the relief of asthma and bronchitis. 354,617; Feb. 15; Serial No. 397,996; published Nov. 16, 1937. Class 6.
Beekman, Emile M., doing business as Beekman Chemical Company, New York, N. Y. Para-aminobenzene-sulphonamide for treating infections. 354,520; Feb. 15; Serial No. 396,257; published Nov. 23, 1937. Class 6.

Bendlage, Theodore J., doing business as Anthony Lily Co., Long Beach, Calif. Sedatives, sealed capsules to reduce blood pressure, etc. 354,464; Feb. 15; Serial No. 391,948; published Nov. 9, 1937. Class 6.

Bennett, Constance, Inc., Los Angeles, Calif. Cleansing cream, stimulant cream, absorbent cream, etc. 354,498; Feb. 15; Serial No. 395,119; published Oct. 26, 1937. Class 6.

Berkeley Club Bottling and Manufacturing Co., Inc., Berkeley Springs, W. Va. Beverages and syrups, extracts and flavors used in making the same. 354,667; Feb. 15; Serial No. 398,751; published Dec. 7, 1937. Class 45.

Bordo Products Company, Chicago, Ill. Canned grapefruit juice for food purposes. 354,600; Feb. 15; Serial No. 397,747; published Dec. 7, 1937. Class 46.

Bradley, Milton, Company, Springfield, Mass. Board games. 354,662; Feb. 15; Serial No. 398,664; published Dec. 7, 1937. Class 22.

British Cod Liver Oil Producers (Hull) Limited, Hull, England. Fish oils and by-products thereof. 354,473; Feb. 15; Serial No. 393,062; published Nov. 16, 1937. Class 6.

Brown, Mortimer J., Niagara Falls, N. Y. Draft arm sleeves. 354,549; Feb. 15; Serial No. 397,108; published Dec. 7, 1937. Class 18.

Builders Iron Foundry, Providence, R. I. Apparatus for automatically controlling an operation. 354,427; Feb. 15; Serial No. 371,296; published Apr. 6, 1937. Class 23.

Bullock, John L., doing business as Dr. J. B. Remedy Company, Durham, N. C. Preparation for the treatment of pyorrhea. 354,504; Feb. 15; Serial No. 395,331; published Nov. 16, 1937. Class 6.

Butler, Merritt F., doing business as Freeman Products, Howard City, Mich. Medicinal preparation for treating piles. 354,535; Feb. 15; Serial No. 396,761; published Nov. 23, 1937. Class 6.

Butterick Company, Inc., The, New York, N. Y. Column. 354,459; Feb. 15; Serial No. 391,309; published June 15, 1937. Class 38.

Button, George W., Corporation, New York, N. Y. Talcums, dusting powder, bath crystals, etc. 354,559; Feb. 15; Serial No. 397,243; published Nov. 9, 1937. Class 6.

Calco Chemical Company, Inc., The, Bound Brook, N. J. Pharmaceutical preparation. 354,586; Feb. 15; Serial No. 397,570; published Nov. 23, 1937. Class 6.

Calgon Incorporated, Pittsburgh, Pa. Chemical compound. 354,625; Feb. 15; Serial No. 398,090; published Nov. 9, 1937. Class 6.

California Packing Corporation, San Francisco, Calif. Canned fruits and canned vegetables, etc. 120,716; renewed Mar. 5, 1938.

California Packing Corporation, San Francisco, Calif. Canned fish. 120,831; renewed Mar. 12, 1938.

California Packing Corporation, San Francisco, Calif. Canned salmon. 121,099; renewed May 21, 1938.

California Packing Corporation, San Francisco, Calif. Canned fruits and canned vegetables. 121,700; renewed May 21, 1938.

Cameron, Ewen, Wellington, New Zealand. Perfumed and medicinal soap. 354,470; Feb. 15; Serial No. 392,411; published June 29, 1937. Class 4.

Casco Products Corporation, doing business as The Perfection Motor Products Company, Bridgeport, Conn. Electric cigar lighters, electric windshield heaters, etc. 354,670; Feb. 15. Class 21.

Celanese Corporation of America, New York, N. Y. Sweaters and vests. 354,653; Feb. 15; Serial No. 398,450; published Dec. 7, 1937. Class 39.

Cellulose Holdings, Ltd., New York, N. Y. Chemical compounds. 354,515; Feb. 15; Serial No. 395,854; published Nov. 23, 1937. Class 6.

Chehak, Milo A., doing business as Security Laboratories, Cedar Rapids, Iowa. Local anaesthetic for minor surgery. 354,542; Feb. 15; Serial No. 396,952; published Nov. 9, 1937. Class 6.

Chester Brewery, Inc., Chester, Pa. Beer and ale. 354,458; Feb. 15; Serial No. 391,176; published Dec. 7, 1937. Class 48.

Chicago Buying Sources Co. (See Prussing, H. J., Jr.)

Chipman's, Chas., Sons Co., Inc., New York, N. Y. Hosiery. 120,344; renewed Feb. 8, 1938.

Chipman Knitting Mills, Easton, to Chipman Knitting Mills, Spring Grove, Easton, Pa. Hosiery. 121,400; renewed Apr. 30, 1938.

Chipman Knitting Mills, Easton and Selinsgrove, to Chipman Knitting Mills, Spring Grove, Easton, Pa. Hosiery. 121,758; renewed May 28, 1938.

Cincotto, Charles J., Deer Park, Ohio. Chemical washing fluids. 354,495; Feb. 15; Serial No. 394,882; published Nov. 23, 1937. Class 6.

Clark-Millner Company, Chicago, Ill. Cosmetics and beauty preparations. 354,641; Feb. 15; Serial No. 398,238; published Nov. 23, 1937. Class 6.

Colin-Bedington Company, San Francisco, Calif. Antacid powder, earache drops, nose and throat drops, etc. 354,471; Feb. 15; Serial No. 392,669; published Nov. 23, 1937. Class 6.

Colonial Mills, Inc., New York, N. Y. Acetate and rayon crepe piece goods. 354,596; Feb. 15; Serial No. 397,704; published Nov. 30, 1937. Class 42.

Commodore Woolen Co., New York, N. Y. Woolen fabrics in the piece. 354,449; Feb. 15; Serial No. 399,166; published Dec. 14, 1937. Class 42.

Coralite Dental Products Company, Chicago, Ill. Blank form of dental cellulose material. 354,680; Feb. 15. Class 44.

Cranston Print Works Company, Cranston, R. I. Cotton piece goods. 354,663; Feb. 15; Serial No. 398,668; published Dec. 7, 1937. Class 42.

Cretors, Charles, assignor, by mesne assignments, to Hazael D. Cretors, Chicago, Ill. Popcorn. 122,068; renewed June 25, 1938.

Cruselias Rhum Quinquina Co., Inc., New York, N. Y. Hair tonic. 354,506; Feb. 15; Serial No. 395,401; published Nov. 23, 1937. Class 6.

Cummings, L. Levan, doing business as The Standard Co., Lancaster, Pa. Candy. 354,675; Feb. 15. Class 46.

Davis, Jacob J., doing business as Reed Laboratories, Boston, Mass. Tablets for relief of pain, and ointment for the relief of itching. 354,529; Feb. 15; Serial No. 396,599; published Nov. 9, 1937. Class 6.

Dawstell Laboratories, Jacksonville, Fla. Preparation for the treatment of nausea. 354,537; Feb. 15; Serial No. 396,906; published Nov. 16, 1937. Class 6.

Day Publishing Company, The, New London, Conn. Daily newspaper. 354,450; Feb. 15; Serial No. 394,591; published Dec. 7, 1937. Class 38.

Decker, Alfred, & Cohn, Inc., Chicago, Ill. Outside garments known as topcoats. 354,663; Feb. 15; Serial No. 397,329; published Dec. 7, 1937. Class 39.

Delgado & Bruce, Inc., Long Beach, Calif. Honey. 354,609; Feb. 15; Serial No. 397,899; published Dec. 7, 1937. Class 46.

Denaro, James, doing business as Automatic Cone Company, Cambridge, Mass. Edible pastry containers. 354,601; Feb. 15; Serial No. 397,749; published Dec. 7, 1937. Class 46.

Denicotea, Societe Anonyme, Antwerp, Belgium. Cigarette holders, cigar holders, and pipes, etc. 354,477; Feb. 15; Serial No. 393,584; published Dec. 7, 1937. Class 8.

Denver and Rio Grande Western Railroad Company, The, Denver, Colo. Booklets or pamphlets. 354,437; Feb. 15; Serial No. 385,535; published Dec. 7, 1937. Class 38.

Dequin Physicians' Products Co. (See Dietz, Mrs. Joanna C.)

De Wilde, Waldo, Pendleton, Oreg. Receptacles for tickets. 354,507; Feb. 15; Serial No. 396,446; published Dec. 7, 1937. Class 2.

Dick, A. B., Company, Chicago, Ill. Lettering. 354,636; Feb. 15; Serial No. 396,194; published Dec. 7, 1937. Class 26.

Dietz, Mrs. Joanna C., doing business as Dequin Physicians' Products Co., Chicago, Ill. Pharmaceutical preparation. 354,481; Feb. 15; Serial No. 393,975; published Nov. 9, 1937. Class 6.

Doak Company, Inc., The, Cleveland, Ohio. Dermatotherapeutic medication. 354,524; Feb. 15; Serial No. 396,490; published Nov. 16, 1937. Class 6.

Double A Products Company, Inc., Ann Arbor, Mich. Lathes, face plates, power hack saws, etc. 354,439; Feb. 15; Serial No. 386,986; published June 8, 1937. Class 23.

Dr. J. B. Remedy Company. (See Bullock, John L.)

E. A. Laboratories, Inc., Brooklyn, N. Y. Ventilating, circulating, and air conditioning fans. 354,568; Feb. 15; Serial No. 397,403; published Dec. 7, 1937. Class 34.

Early, Charles, & Co. Limited, Newland, England. Woollen blankets. 354,610; Feb. 15; Serial No. 397,901; published Nov. 30, 1937. Class 42.

Eff Laboratories, Inc., Cleveland, Ohio. Concentrates and preparations rich in vitamin activity. 354,602; Feb. 15; Serial No. 397,799; published Nov. 16, 1937. Class 6.

Effantab Products, Inc., New Rochelle, N. Y. Effervescent headache tablets. 354,564; Feb. 15; Serial No. 397,231; published Nov. 16, 1937. Class 6.

El Louvre, S. A., Willemstad, Curacao, Netherlands West Indies. Alcoholic beverage distilled from fresh orange peel with rum. 354,555; Feb. 15; Serial No. 397,216; published Dec. 7, 1937. Class 49.

Ely & Walker Dry Goods Company, St. Louis, Mo. Cotton piece goods, pillow cases tubing, etc. 354,621; Feb. 15; Serial No. 398,036; published Nov. 30, 1937. Class 42.

Endo Products, Inc., New York, N. Y. Preparation used in the treatment of sexual underdevelopment, sterility, etc. 354,550; Feb. 15; Serial No. 397,112; published Nov. 9, 1937. Class 6.

Endo Products, Inc., New York, N. Y. Preparation used in the treatment of habitual or threatened abortion, etc. 354,551; Feb. 15; Serial No. 397,113; published Nov. 9, 1937. Class 6.

Erasmic Company, Limited, The, Warrington, England. Lavender water, bath salts, and toilet powder. 354,565; Feb. 15; Serial No. 397,533; published Nov. 9, 1937; Class 6.

Facts of Life, The. (See Gernsback, H.)

Fairbank, N. K., Company, The, Union Township, near Guttenberg, N. J., and Chicago, Ill., assignor to Hecker Products Corporation, New York, N. Y. Soap. 120,087; renewed Jan. 5, 1938.

Fairbank, N. K., Company, The, Union Township, near Guttenberg, N. J., and Chicago, Ill., assignor to Hecker Products Corporation, New York, N. Y. Scouring compound. 120,088; renewed Jan. 5, 1938.

Farrell, Margaret F., Los Angeles, Calif. Counter-irritant ointment. 354,490; Feb. 15; Serial No. 393,929; published Nov. 16, 1937. Class 6.

Fashion Company, The, Columbus, Ohio. Ladies' hosiery. 354,661; Feb. 15; Serial No. 398,652; published Dec. 7, 1937. Class 39.

Fashions Preferred Inc., New York, N. Y. Publication. 354,592; Feb. 15; Serial No. 397,651; published Dec. 7, 1937. Class 38.

Federal Yeast Corporation, Baltimore, Md. Powder consisting of sodium pyrophosphate and corn starch. 354,478; Feb. 15; Serial No. 393,589; published Nov. 23, 1937. Class 6.

Feinberg, Harry, New York, N. Y. Woolen and worsted piece goods. 354,672; Feb. 15. Class 42.

Fels, Herman, New York, N. Y. Liquid liniment and rubefacient. 354,497; Feb. 15; Serial No. 395,024; published Nov. 9, 1937. Class 6.

Feshbach & Ackerman, Inc., New York, N. Y. Fur coats. 354,492; Feb. 15; Serial No. 394,835; published Nov. 30, 1937. Class 39.

Field, Burr D., Freeport, Long Island, N. Y. Game boards. 354,613; Feb. 15; Serial No. 397,930; published Dec. 7, 1937. Class 22.

Fischer, B., & Company, Inc., New York, N. Y. Coffee, tea, spices, etc. 354,593; Feb. 15; Serial No. 397,655; published Dec. 7, 1937; Class 46.

Flagg, Stanley G., & Co., Inc., Philadelphia and Stowe, Pa. Metal pipe fittings. 354,484; Feb. 15; Serial No. 394,226; published Dec. 7, 1937. Class 13.

Forsberg Manufacturing Co., The, Bridgeport, Conn. Saw blades. 354,428; Feb. 15; Serial No. 371,800; published Jan. 7, 1936. Class 23.

Fowler, Ernestine O., doing business as Betty Wells Cosmetic Company, San Francisco, Calif. Cosmetic liquid preparation. 354,510; Feb. 15; Serial No. 395,641; published Nov. 16, 1937. Class 6.

Freeman Products. (See Butler, Merritt F.)

Fur Mart of America, Inc., The, New York, N. Y. Dyed coney coats, capes, and jackets. 354,472; Feb. 15; Serial No. 393,030; published Dec. 7, 1937. Class 39.

Fynnes Limited, Brentford, England. Medicinal salts for treating rheumatism etc. 354,531; Feb. 15; Serial No. 396,677; published Nov. 23, 1937. Class 6.

General Cable Corporation. (See Atlantic Insulated Wire & Cable Company, assignor.)

General Chemical Company, New York, N. Y. Heavy chemicals. 354,571-8; Feb. 15; Serial Nos. 397,437-8; published Nov. 16, 1937. Class 6.

General Manifold and Printing Company, The, Franklin, Pa. Sheets of paper partially coated with transfer material. 354,587; Feb. 15; Serial No. 397,575; published Dec. 7, 1937. Class 37.

General Motors Corporation, Detroit, Mich. Pumps and pumping apparatus and parts thereof. 354,502; Feb. 15; Serial No. 396,291; published Dec. 7, 1937. Class 23.

General Motors Corporation, Detroit, Mich. Vehicle instrument panels, shock absorbers, brakes, etc. 354,521; Feb. 15; Serial No. 396,359; published Dec. 7, 1937. Class 19.

General Pharmacal Company, The, Cincinnati, Ohio. Analgesic and antipyretic compounds, acetanilid derivatives, etc. 354,594; Feb. 15; Serial No. 397,657; published Nov. 16, 1937. Class 6.

Gernsback, H., doing business as The Facts of Life, New York, N. Y. Monthly publication. 354,442; Feb. 15; Serial No. 388,497; published Apr. 27, 1937. Class 38.

Gielow, J. J. & Sons, Inc., Detroit, Mich. Canned fruits, canned vegetables, spices, etc. 354,482; Feb. 15; Serial No. 393,982; published Dec. 7, 1937. Class 46.

Ginsberg, S. Sons, Baltimore, Md. Suits, coats, vests, etc. 354,537; Feb. 15; Serial No. 396,196; published Nov. 30, 1937; Class 39.

Glendora Co-Operative Citrus Assn., Glendora, Calif. Fresh citrus fruit. 354,461-2; Feb. 15; Serial Nos. 391,758-9; published Dec. 7, 1937. Class 46.

Gorden, Wolf, Cowen Co., Inc., New York, N. Y. Sweetmeat known as Halvah. 354,656; Feb. 15; Serial No. 398,536; published Dec. 7, 1937. Class 46.

Grocer-Graphic, Inc., New York, N. Y. Periodical or trade paper. 354,538; Feb. 15; Serial No. 396,812; published Dec. 7, 1937. Class 38.

Harrower Laboratory, Inc., The, Glendale, Calif. Medicinal preparations. 354,635; Feb. 15; Serial No. 398,200; published Nov. 16, 1937. Class 6.

Hearn Department Stores, Inc., New York, N. Y. Drugs and cosmetics. 354,514; Feb. 15; Serial No. 395,825; published Nov. 16, 1937. Class 6.

Heart O'Best Laboratory. (See Zimmerman, Joseph L.)

Hecker Products Corporation. (See Fairbank, N. K., Company, The, assignee.)

Hegeblade-Marguleas Co., San Francisco, Calif. Fresh deciduous fruits. 354,518; Feb. 15; Serial No. 396,133; published Sept. 21, 1937. Class 46.

Hinrichs Distilled Products, St. Louis, Mo. Apricot liqueur, blackberry liqueur, cherry liqueur, etc. 354,659; Feb. 15; Serial No. 398,618; published Dec. 7, 1937. Class 49.

Hoffmann-La Roche, Inc., Nutley, N. J. Medicinal preparation. 354,576; Feb. 15; Serial No. 397,472; published Nov. 16, 1937. Class 6.

Hoffmann-La Roche, Inc., Nutley, N. J. Medicinal preparation. 354,577; Feb. 15; Serial No. 397,473; published Nov. 9, 1937. Class 6.

Hoffmann-La Roche, Inc., Nutley, N. J. Medicinal preparation. 354,619; Feb. 15; Serial No. 398,008; published Nov. 16, 1937. Class 6.

Hoffmann-La Roche, Inc., Nutley, N. J. Pharmaceutical preparation. 354,668; Feb. 15; Serial No. 399,358; published Dec. 14, 1937. Class 6.

Hoffmann-La Roche, Inc., Nutley, N. J. Chocolate base food supplement. 354,669; Feb. 15; Serial No. 399,357; published Dec. 14, 1937. Class 46.

Holly Hill Fruit Products, Inc., Davenport, Fla. Fresh citrus fruits. 354,579; Feb. 15; Serial No. 397,500; published Dec. 7, 1937. Class 46.

Hooven & Allison Company, The, Xenia, Ohio. Rope and binder twine. 354,631-2; Feb. 15; Serial Nos. 398,158-9; published Dec. 7, 1937. Class 7.

Horner, Frank W., Inc., Lynn, Mass. Aromatic combination of digestive ferments. 354,603; Feb. 15; Serial 397,807; published Nov. 23, 1937. Class 6.

Howell, Edward Chicago, Ill. Laxative and enzyme compound. 354,533; Feb. 15; Serial No. 396,739; published Nov. 16, 1937. Class 6.

Huenefeld Company, The, Cincinnati, Ohio. Burners and wicks. 120,105; renewed Jan. 8, 1938.

Hurlbert, Olive E., Los Angeles, Calif. Medicines. 354,483; Feb. 15; Serial No. 394,488; published Nov. 16, 1937. Class 6.

Hussmann-Holmes Company, Los Angeles, Calif. Foot powder. 354,463; Feb. 15; Serial No. 391,763; published Nov. 23, 1937. Class 6.

Innis, Speiden & Co., Inc., assignor to Innis, Speiden & Co., New York, N. Y. Leather-dressings, leather-seasonings, etc. 121,900; renewed June 11, 1938. Class 4.

Interstate Cotton Oil Refining Co., Sherman, Tex. Lard substitute. 354,633; Feb. 15; Serial No. 398,162; published Dec. 7, 1937. Class 46.

It-Flops Mfg. Co., Brooklyn, N. Y. Insecticide. 354,545; Feb. 15; Serial No. 397,032; published Nov. 9, 1937. Class 6.

Jacob, Bentley L., doing business as Jarap Company, St. Louis, Mo. Pharmaceutical preparations. 354,500; Feb. 15; Serial No. 395,194; published Nov. 9, 1937. Class 6.

Jacobs Candy Company, Inc., New Orleans, La. Candy. 354,650; Feb. 15; Serial No. 398,358; published Dec. 7, 1937. Class 46.

Jarap Company. (See Jacob, Bentley L.)

Johnson Creveling & Co., Los Angeles, Calif. Pajamas. 354,522; Feb. 15; Serial No. 396,405; published Dec. 7, 1937. Class 39.

Kaufmann Department Stores, Inc., Pittsburgh, Pa. Men's outer apparel. 354,591; Feb. 15; Serial No. 397,636; published Nov. 30, 1937. Class 39.

Kaylon, Inc., New York, N. Y. Pajamas. 354,438; Feb. 15; Serial No. 386,541; published Dec. 7, 1937. Class 39.

Kilgore Development Corporation, Washington, D. C. Insecticide and insectifuge. 354,541; Feb. 15; Serial No. 396,923; published Nov. 9, 1937. Class 6.

Killian Manufacturing Company, The, Akron, Ohio. Prophylactic rubber articles. 354,626; Feb. 15; Serial No. 398,111; published Dec. 7, 1937. Class 44.

Kingsway Press, Inc., The, Scarsdale, N. Y. Periodical publication. 354,483; Feb. 15; Serial No. 394,134; published Sept. 21, 1937. Class 38.

Knott, Wm. T., Company, Inc., New York, N. Y. Bedspreads, blankets, carpets, etc. 354,677; Feb. 15. Class 42.

Kobolt, George E., doing business as Artblend Cosmetic Studios, Chicago, Ill. Hand cream, face powder, cuticle oil, etc. 354,534; Feb. 15; Serial No. 396,740; published Nov. 9, 1937. Class 6.

Kohnstamm, H., & Co., Inc., New York, N. Y. Colors in the form of powder and pulp used in the manufacture of cosmetics. 354,530; Feb. 15; Serial No. 396,637; published Nov. 16, 1937. Class 6.

Kraus Chemical Works, Brooklyn, N. Y. Roach powder. 354,475; Feb. 15; Serial No. 393,137; published Nov. 9, 1937. Class 6.

Lanphear, James E., Glendale, Calif. Milk beauty bath preparation. 354,554; Feb. 15; Serial No. 397,209; published Nov. 9, 1937. Class 6.

Lawrenceburg Roller Mills Co., Lawrenceburg, Ind. Wheat-flour. 119,967; renewed Dec. 25, 1937.

Lehn & Fink Products Corporation, Bloomfield, N. J. Lipsticks. 354,556; Feb. 15; Serial No. 397,218; published Nov. 9, 1937. Class 6.

Lehn & Fink Products Corporation, Bloomfield, N. J. Face powder. 354,589; Feb. 15; Serial No. 397,598; published Nov. 23, 1937. Class 6.

Lennox Manufacturing Company, St. Louis, Mo. Purses, pocketbooks, and ladies' hand bags. 354,493; Feb. 15; Serial No. 394,842; published Dec. 7, 1937. Class 3.

Lerner Blouse Co., New York, N. Y. Ladies' blouses, shirtwaists, and waists. 354,455; Feb. 15; Serial No. 390,459; published Nov. 23, 1937. Class 39.

Lily, Anthony, Co. (See Bendlage, Theodore J.)

Loose-Wiles Biscuit Company, Long Island City, N. Y. Biscuits, crackers, cakes, etc. 354,654; Feb. 15; Serial No. 396,477; published Dec. 7, 1937. Class 46.

Lowe, Jee, Corporation, New York, N. Y. Frozen confections. 354,479; Feb. 15; Serial No. 393,658; published Dec. 7, 1937. Class 46.

Lowenstein, M., & Sons, Inc., New York, N. Y. Cotton and rayon piece goods. 354,591; Feb. 15; Serial No. 397,541; published Nov. 30, 1937. Class 42.

Luckhaupt, Christopher, Jamaica, N. Y. Face creams. 354,517; Feb. 15; Serial No. 396,037; published Nov. 16, 1937. Class 6.

Lund, Russell T., doing business as Red E Poptcorn Company, Los Angeles, Calif. Popped popcorn. 354,588; Feb. 15; Serial No. 397,584; published Dec. 7, 1937. Class 46.

Lyndonville Canning Co. Inc., Lyndonville, N. Y. Bottled and canned apple beverage. 354,528; Feb. 15; Serial No. 396,573; published Nov. 30, 1937. Class 45.

MacBoyle, Errol, Santa Rosa, Calif. California varieties of white and red wines, port, sherry, etc. 354,486; Feb. 15; Serial No. 394,335; published Dec. 7, 1937. Class 47.

Mack, M. J., Corp., New York, N. Y. Neckwear tie linings. 354,560; Feb. 15; Serial No. 397,256; published Nov. 30, 1937. Class 42.

Macy, R. H., & Co., Inc., New York, N. Y. Canned sardines. 354,620; Feb. 15; Serial No. 398,013; published Dec. 7, 1937. Class 46.

Mallas, Louis J., Inc., New York, N. Y. Dresses. 354,639; Feb. 15; Serial No. 398,209; published Nov. 30, 1937. Class 39.

Marshall-Wells Company, Duluth, Minn. Electric ironers. 354,666; Feb. 15; Serial No. 398,781; published Dec. 7, 1937. Class 24.

Marten, Jules M., Chicago, Ill. Flannel pads impregnated with a cosmetic cleansing lotion. 354,523; Feb. 15; Serial No. 396,465; published Nov. 16, 1937. Class 6. Maurice Laboratories. (See Spiegel, Maurice.)

Maxwell Spirits Inc., Philadelphia, Pa. Distilled London dry gin. 354,664; Feb. 15; Serial No. 398,686; published Dec. 7, 1937. Class 49.

Mayers, Hyman L. R., doing business as Almo Undergarment Company, N. Y. Ladies' undergarments. 354,494; Feb. 15; Serial No. 394,849; published Nov. 30, 1937. Class 39.

McCoy, Washington C., Birmingham, Ala. Hosiery. 354,651; Feb. 15; Serial No. 398,382; published Dec. 7, 1937. Class 39.

Meadows, L. H., Seattle, Wash. Hair dressing, scalp tonic, cold cream, etc. 354,441; Feb. 15; Serial No. 387,481; published Nov. 9, 1937. Class 6.

Merz, Friedrich, doing business as Merz & Co., Frankfort-on-the-Main, Germany. Medicinal preparation. 354,467; Feb. 15; Serial No. 392,382; published Nov. 16, 1937. Class 6.

Merz, Friedrich, doing business as Merz & Co., Frankfort-on-the-Main, Germany. Solution of morphine. 354,468; Feb. 15; Serial No. 392,385; published Nov. 16, 1937. Class 6.

Merz, Friedrich, doing business as Merz & Co., Frankfort-on-the-Main, Germany. Medicinal preparations. 354,469; Feb. 15; Serial No. 392,386; published Nov. 16, 1937. Class 6.

Metasap Chemical Company, Harrison, N. J. Metallic soaps. 354,474; Feb. 15; Serial No. 393,083; published Nov. 9, 1937. Class 6.

Minka, Albert, Elmwood Place, Ohio. Antiseptic. 354,573; Feb. 15; Serial No. 397,451; published Nov. 23, 1937. Class 6.

Moorman Manufacturing Company, Quincy, Ill. Mange treatment preparation and sterilizing oil. 354,501; Feb. 15; Serial No. 395,235; published Nov. 23, 1937. Class 6.

National Oil Products Company, Harrison, N. J. Product used in treating various fibres. 354,457; Feb. 15; Serial No. 390,767; published Nov. 9, 1937. Class 6.

National Vulcanized Fibre Co. (See American Vulcanized Fibre Company, assignor.)

Newland, Schmeloch & Piek, Inc., New York, N. Y. Dishes. 354,550; Feb. 15; Serial No. 397,512; published Dec. 7, 1937. Class 30.

Northern Gum Tape Co. (See Reavis, Jesse E.)

Nulf, George W., doing business as Wilber-Allen Laboratory, Fort Wayne, Ind. Medical compound. 354,536; Feb. 15; Serial No. 396,780; published Nov. 23, 1937. Class 6.

Ohio Truss Company, The, Cincinnati, Ohio. Trusses and truss pads. 354,485; Feb. 15; Serial No. 394,299; published Dec. 7, 1937. Class 44.

"Orbono" Pflanzenschutzmittel G. m. b. H., Berlin, Germany. Preparations for killing insects and fungi. 354,483; Feb. 15; Serial No. 390,083; published Nov. 9, 1937. Class 6.

Pacific Mills, Lawrence and Boston, to Pacific Mills, Boston, Mass. Cotton piece goods. 121,815; renewed May 28, 1938.

Pacific Mills, Lawrence and Boston, to Pacific Mills, Boston, Mass. Cotton piece goods. 122,101; renewed June 25, 1938.

Packard Milling Company, Custer, Okla. Wheat flour. 354,430; Feb. 15; Serial No. 381,322; published Dec. 7, 1937. Class 46.

Palmetto Canning Co., Palmetto, Fla. Canned fruits and vegetables, tomato juice, etc. 354,546; Feb. 15; Serial No. 397,049; published Dec. 7, 1937. Class 46.

Parfumerie St. Denis, New York, N. Y. Astringents, astringent cerates, beauty creams, etc. 354,469; Feb. 15; Serial No. 397,416; published Nov. 16, 1937. Class 6.

Parfums Blanchard Inc., New York, N. Y. Cosmetics. 354,527; published Nov. 16, 1937. Class 6.

Park-Sherman Co., Chicago, Ill. Electric portable lamps. 354,540; Feb. 15; Serial No. 396,893; published Dec. 7, 1937. Class 21.

Park & Tilford, New York, N. Y. Perfumes. 354,507; Feb. 15; Serial No. 397,720; published Nov. 16, 1937. Class 6.

Parker Brothers, Inc., Portland, Maine, and Salem, Mass. Card game. 354,644; Feb. 15; Serial No. 398,287; published Dec. 7, 1937. Class 22.

Pepperell Manufacturing Company, Boston, Mass. Piece goods. 354,652; Feb. 15; Serial No. 398,440; published Nov. 30, 1937. Class 42.

Perfection Motor Products Company, The. (See Casco Products Corporation.)

Phage Laboratories, Inc., New York, N. Y. Medicament useful in the treatment of hay fever, etc. 354,582; Feb. 15; Serial No. 397,548; published Nov. 23, 1937. Class 6.

Pharis Tire and Rubber Company, The, Newark, Ohio. Pneumatic tires and tubes for vehicle wheels. 354,645; Feb. 15; Serial No. 398,280; published Dec. 7, 1937. Class 35.

Picot Laboratories, Inc., Wilmington, Del. Medicinal preparation. 354,543; Feb. 15; Serial No. 396,965; published Nov. 16, 1937. Class 6.

Pike and Davis, Inc., Seattle, Wash. Oatmeal cleansing cream, carrot cream, and acne and bleach creams. 354,499; Feb. 15; Serial No. 395,149; published Nov. 16, 1937. Class 6.

Pinaud Incorporated, New York, N. Y. Toilet water. 354,557; Feb. 15; Serial No. 397,226; published Nov. 9, 1937. Class 6.

Planters Nut & Chocolate Co., Wilkes-Barre, Pa., to Planters Nut & Chocolate Company, Wilkes-Barre, Pa., and Suffolk, Va. Salted peanuts and peanut bars. 121,818; renewed May 28, 1938.

Pond's Extract Company, New York, N. Y. Skin freshener and tonic, liquefying cream, etc. 354,558; Feb. 15; Serial No. 397,227; published Nov. 9, 1937. Class 6.

Premier-Pabst Corporation, Peoria Heights, Ill. Beer. 354,660; Feb. 15; Serial No. 398,638; published Dec. 7, 1937. Class 48.

Prince Matchabelli, Inc., New York, N. Y. Perfume and toilet water. 354,622; Feb. 15; Serial No. 398,058; published Nov. 30, 1937. Class 6.

Prince Matchabelli, Inc., New York, N. Y. Perfumes and eau de cologne. 354,634; Feb. 15; Serial No. 398,175; published Nov. 16, 1937. Class 6.

Professional Laboratories, Inc., New York, N. Y. Preparations composed of various vitamins and iron. 354,490; Feb. 15; Serial No. 394,804; published Nov. 23, 1937. Class 6.

Pro-phy-lac-tic Brush Company, Northampton, Mass. Soap. 354,467; Feb. 15; Serial No. 394,383; published Nov. 30, 1937. Class 4.

Prussing, H. J., Jr., doing business as Chicago Buying Sources Co., Chicago, Ill. Directory of wash frock manufacturers. 354,607; Feb. 15; Serial No. 397,868; published Dec. 7, 1937. Class 38.

Purex Corporation, Ltd., South Gate, Calif. Bleach and water softener. 354,583; Feb. 15; Serial No. 397,549; published Nov. 23, 1937. Class 6.

Rathjen Bros., Inc., San Francisco, Calif. Whiskey. 354,570; Feb. 15; Serial No. 397,422; published Nov. 30, 1937. Class 49.

Reavis, Jesse E., doing business as Northern Gum Tape Co., Minneapolis, Minn. Gummed paper tape. 354,547; Feb. 15; Serial No. 397,066; published Dec. 7, 1937. Class 37.

Record Supply Corporation, Chicago, Ill. Canned vegetables and fruits, canned fish and Vienna sausage, etc. 354,432; Feb. 15; Serial No. 382,767; published Dec. 7, 1937. Class 46.

Red E Poptcorn Company. (See Lund, Russell T.)

Reed Laboratories. (See Davis, Jacob J.)

Reefer-Galler Inc., New York, N. Y. Insecticides, insect exterminators, repellents, etc. 354,433; Feb. 15; Serial No. 384,715; published Nov. 23, 1937. Class 6.

Regnew Laboratories. (See Wenger, Harold A. E.)

Riverside & Dan River Cotton Mills, Inc., Danville, Va. Summer suiting piece goods. 354,593; Feb. 15; Serial No. 397,725; published Dec. 7, 1937. Class 42.

Roma Wine Company, Inc., Lodi, Calif. Wines. 354,431; Feb. 15; Serial No. 382,527; published Dec. 7, 1937. Class 47.

Rorer, William H., Inc., Philadelphia, Pa. Tubes filled with a medicinal solution. 354,460; Feb. 15; Serial No. 391,344; published Nov. 16, 1937. Class 6.

Rose, Louis S., doing business as Rose Brothers, New York, N. Y. Coats, vests, and trousers. 354,562; Feb. 15; Serial No. 397,154; published Nov. 30, 1937. Class 39.

Rosenberg, Moe, New York, N. Y. Pile fabrics. 354,548; Feb. 15; Serial No. 397,087; published Nov. 30, 1937. Class 42.

Royce Chemical Company, Carlton Hill, N. J. Chemicals. 354,599; Feb. 15; Serial No. 397,730; published Nov. 9, 1937. Class 6.

Ru-Mari, Limited, London, England. Medicine. 354,429; Feb. 15; Serial No. 373,485; published Mar. 24, 1936. Class 6.

Rutherford Food Corporation, Kansas City, Mo. Chile con carne, tamales. 354,616; Feb. 15; Serial No. 395,970; published Dec. 7, 1937. Class 46.

Saifer, Ruth E., St. Louis, Mo. Dresses. 354,561; Feb. 15; Serial No. 397,263; published Nov. 30, 1937. Class 39.

St. Marys Canning Co., St. Marys, Ga. Canned shrimp and canned prawns. 354,681; Feb. 15. Class 46.

Sandoss Manufacturing Company, Philadelphia, Pa. Boys' clothing. 354,594; Feb. 15; Serial No. 397,556; published Dec. 7, 1937. Class 39.

Sanoderm Company, Inc., The, New York, N. Y. Cultured milk food product. 354,544; Feb. 15; Serial No. 396,960; published Dec. 7, 1937. Class 46.

Sass Products Co. (See Whetsel, Frank A.)

Schering & Glatz, Inc., New York, N. Y. Medicinal preparations. 354,604-5; Feb. 15; Serial Nos. 397,819-20; published Nov. 16, 1937. Class 6.

Schuckl & Co., Inc., San Francisco, Calif. Canned fruits and vegetables. 354,614; Feb. 15; Serial No. 397,954; published Dec. 7, 1937. Class 46.

Schuette, H. J., doing business as West Coast Wholesale Grocery Company, Santa Monica, Calif. Beer. 354,675; Feb. 15. Class 48.

Schwabacher, S., & Co. Inc., New York, N. Y. Russian mineral salt. 354,603; Feb. 15; Serial No. 395,356; published Nov. 23, 1937. Class 6.

Scotch Products. (See Viner, Gertrude A.)

Scotch Products Incorporated, New York, N. Y. Racks or receptacles for hooks. 354,671; Feb. 15. Class 32.

Sears, Roebuck and Co., Chicago, Ill. Wireless apparatus. 120,438; renewed Feb. 5, 1938.

Security Laboratories. (See Chebak, Milo A.)

Seed Trade Reporting Bureau, The, Chicago, Ill. Periodical issued monthly. 354,649; Feb. 15; Serial No. 398,338; published Dec. 7, 1937. Class 38.

Semaria Bros., Inc., New York, N. Y. Women's dresses. 354,646; Feb. 15; Serial No. 398,294; published Dec. 7, 1937. Class 39.

Seminole Flavor Company, Chattanooga, Tenn. Beverages, and syrups for compounding the same. 354,674; Feb. 15. Class 49.

Shunk, L. E., Latex Products, Inc., Akron, Ohio. Prophylactic rubber articles. 354,627; Feb. 15; Serial No. 398,120; published Dec. 7, 1937. Class 44.

Shuwall, Edward, & Co., Inc., Pottstown, Pa. Children's wash frocks. 354,574; Feb. 15; Serial No. 397,457; published Nov. 30, 1937. Class 39.

Shuwall, Edward, & Co. Inc., Pottstown, Pa. Children's wash frocks. 354,657; Feb. 15; Serial No. 398,547; published Dec. 7, 1937. Class 39.

Silver Oxide Products Company, Incorporated, Aldan, Pa. Colloidally dispersed silver oxide. 354,615; Feb. 15; Serial No. 397,985; published Nov. 16, 1937. Class 6.

Sohn, Oppenheimer & Co., New York, N. Y. Men's trousers of silk material. 354,595; Feb. 15; Serial No. 397,681; published Dec. 7, 1937. Class 39.

Solomon & Birnbaum, Inc., New York, N. Y. Laces. 354,509; Feb. 15; Serial No. 395,544; published Sept. 28, 1937. Class 42.

South Bethlehem Brewing Company, Bethlehem, Pa. Beer. 354,425; Feb. 15; Serial No. 364,028; published July 9, 1937. Class 48.

Soy Bean Processing Company, Waterloo, Iowa. Insecticide. 354,506; Feb. 15; Serial No. 395,491; published Nov. 9, 1937. Class 6.

Speik, Frederick A., Los Angeles, Calif. Roofing mops. 354,447; Feb. 15; Serial No. 389,337; published Aug. 3, 1937. Class 29.

Spiegel, Maurice, doing business as Maurice Laboratories, Boston, Mass. Preparation for the relief of athlete's foot, etc. 354,585; Feb. 15; Serial No. 397,558; published Nov. 9, 1937. Class 6.

Staley, A. E., Manufacturing Company, Decatur, Ill. Inedible starch products. 354,443; Feb. 15; Serial No. 388,805; published Nov. 9, 1937. Class 6.

Standard Brands Incorporated, New York, N. Y. Pudding and pie filling. 354,611; Feb. 15; Serial No. 397,916; published Dec. 7, 1937. Class 46.

Standard Brands Incorporated, New York, N. Y. Coffee. 354,665; Feb. 15; Serial No. 398,741; published Dec. 7, 1937. Class 46.

Standard Co., The. (See Cummings, L. Levan.)

Stearns, Frederick, & Co., Detroit, Mich. Magnesium trisilicate product. 354,553; Feb. 15; Serial No. 397,201; published Nov. 9, 1937. Class 6.

Stewartstown Furniture Company, Stewartstown, Pa. Furniture. 354,678; Feb. 15. Class 32.

Straus, Finlay, Inc., New York, N. Y. Radio receiving sets and parts thereof. 354,469; Feb. 15; Serial No. 392,385; published June 29, 1937. Class 21.

Style Garment Company, Inc., Los Angeles, Calif. Ladies' dresses, cloaks, coats, etc. 354,463; Feb. 15; Serial No. 392,293; published Dec. 7, 1937. Class 39.

Sudol Products, Inc., New Orleans, La. Water-repellant preparation. 354,578; Feb. 15; Serial No. 397,489; published Nov. 16, 1937. Class 6.

Superior Petticoat Company, Inc., New York, N. Y. Slips. 354,491; Feb. 15; Serial No. 394,813; published Nov. 30, 1937. Class 39.

Supreme Council, Order of the Amaranth, Upper Darby, Pa. Letter paper and envelopes. 354,440; Feb. 15; Serial No. 387,407; published Dec. 7, 1937. Class 37.

Syndicate Associates Corporation, New York, N. Y. Fountain pens, desk sets, mechanical pencils, etc. 354,476; Feb. 15; Serial No. 393,398; published Oct. 5, 1937. Class 37.

Theall & Pile, Inc., New York, N. Y. Beverages and extracts and flavors for making the same. 354,642; Feb. 15; Serial No. 398,268; published Nov. 30, 1937. Class 45.

Titanium Alloy Manufacturing Company, The, Niagara Falls, N. Y. Chemical compounds used as welding fluxes. 354,623; Feb. 15; Serial No. 398,067; published Nov. 23, 1937. Class 6.

Tootal Broadhurst Lee Company Limited, Manchester, England. Piece goods. 354,658; Feb. 15; Serial No. 398,597; published Dec. 7, 1937. Class 42.

Unit Packages, Inc., Elizabeth, N. J. Fire extinguishing chemicals. 354,512; Feb. 15; Serial No. 395,774; published Nov. 16, 1937. Class 6.

United Feature Syndicate, Inc., New York, N. Y. Comic drawings. 354,567; Feb. 15; Serial No. 397,392; published Dec. 7, 1937. Class 38.

United States Rubber Products, Inc., New York, N. Y. Upholstery material. 354,435; Feb. 15; Serial No. 385,241; published Dec. 7, 1937. Class 50.

U. S. Standard Products Company, Woodworth, Wis. Medicinal solution. 354,635; Feb. 15; Serial No. 398,182; published Nov. 16, 1937. Class 6.

Valley Ice Cream Company, Inc., Harlingen, Tex. Butter and ice cream. 354,682; Feb. 15. Class 46.

Viner, Gertrude A., doing business as Scotch Products, Forestville, Conn. Marmalades. 354,562; Feb. 15; Serial No. 397,271; published Dec. 7, 1937. Class 46.

Wamsutta Mills, New Bedford, Mass. Outer shirts, aberts, slacks, etc. 354,630; Feb. 15; Serial No. 396,849; published Nov. 30, 1937. Class 39.

Warren Lamp Company, Warren, Pa. Electric incandescent lamps. 354,679; Feb. 15. Class 21.

Warwick Chemical Company, West Warwick, R. I. Water repellent compound. 354,450-51; Feb. 15; Serial Nos. 359,854-5; published Nov. 16, 1937. Class 6.

Waterbury Clock Company, Waterbury, Conn. Clocks and watches. 354,643; Feb. 15; Serial No. 398,270; published Dec. 7, 1937. Class 27.

Watts, Alfred Allen, Co., Inc., New York, N. Y. Blank forms, interleaved with carbon. 354,511; Feb. 15; Serial No. 395,726; published Oct. 5, 1937. Class 37.

Weiss & Neuman, New York, N. Y. Ladies' fur coats. 354,458; Feb. 15; Serial No. 390,719; published Dec. 7, 1937. Class 39.

Wells, Betty, Cosmetic Company. (See Fowler, Ernestine O.)

Wenger, Harold A. E., doing business as Regnew Laboratories, Madison, Wis. Insect repellent material. 354,590; Feb. 15; Serial No. 397,633; published Nov. 23, 1937. Class 6.

West Coast Wholesale Grocery Company. (See Schuette, H. J.)

Whetsel, Frank A., doing business as Sass Products Co., Portland, Oreg. Hair tonic, cold cream, shampoo, etc. 354,454; Feb. 15; Serial No. 390,302; published Nov. 23, 1937. Class 6.

White, Morris, Mfg. Co., Inc., New York, N. Y. Handbags. 354,616; Feb. 15; Serial No. 397,992; published Dec. 7, 1937. Class 3.

Whiting Corporation, Harvey, Ill. Stokers for furnaces, and parts thereof. 354,496; Feb. 15; Serial No. 394,924; published Sept. 28, 1937. Class 34.

Wiedemann, Geo., Brewing Co., Inc., The, Newport, Ky. Beer. 354,655; Feb. 15; Serial No. 398,508; published Dec. 7, 1937. Class 48.

Wilber-Allen Laboratory. (See Nulf, George W.)

Wilson Bros. & Cohen, Inc., New York, N. Y. Sweaters and sweater sets. 354,519; Feb. 15; Serial No. 396,216; published Nov. 30, 1937. Class 39.

Windt, Benn, New York, N. Y. Cough bon bons, cough confections, and cough syrups. 354,503; Feb. 15; Serial No. 395,327; published Nov. 9, 1937. Class 6.

Windt, Benn, New York, N. Y. Cough bonbons, cough confections, and cough syrups. 354,575; Feb. 15; Serial No. 397,465; published Nov. 23, 1937. Class 6.

Winter-Drittel, Inc., New York, N. Y. Dresses and blouses. 354,452; Feb. 15; Serial No. 389,952; published May 11, 1937. Class 39.

Worcester Knitting Co., New York, N. Y. Piece goods. 354,624; Feb. 15; Serial No. 398,071; published Nov. 30, 1937. Class 42.

Wyeth, John, and Brother, Incorporated, Philadelphia, Pa. Sulfonamide of para-amino-benzene. 354,513; Feb. 15; Serial No. 395,780; published Nov. 16, 1937. Class 6.

Zimmerman, Joseph L., doing business as Heart O' Beet Laboratory, Chicago, Ill. Medicinal tonic. 354,446; Feb. 15; Serial No. 389,290; published Nov. 23, 1937. Class 6.

LIST OF REGISTRANTS OF LABELS

Acme Broom Company. (See Lindstrom, H. E.)
General Can Company, Chicago, Ill. General Caps. For Caps for Bottles and Jars. 50,719; Feb. 15.
Hart Drug Corporation, Miami, Fla. Codural. For Ungeantum. 50,720; Feb. 15.
Hart Drug Corporation, Miami, Fla. Allantures. For Ungeantum. 50,721; Feb. 15.
Hershey Creamery Company, Harrisburg, Pa. Hershey's Milk the Purest Kind. For Skimmed Powdered Milk. 50,722; Feb. 15.
Kentucky Bulk Company, Inc., doing business as Kentucky Bulk Co., Chicago, Ill. Kentucky Bulk. For Straight Bourbon Whiskey. 50,723; Feb. 15.
Lindstrom, H. E., doing business as Acme Broom Company, Sedalia, Mo. Zephyr Deluxe. For Brooms. 50,724; Feb. 15.
Lipton, Thomas J., Inc., Hoboken, N. J., Chicago, Ill., and San Francisco, Calif. Lipton Pure Imperial Gunpowder Tea (Green and Black). For Pure Imperial Gunpowder Tea. 50,725; Feb. 15.
Reinhold, Arno, doing business as Reinhold Company, Cleveland, Ohio. Air-Vent Bowl Cover. For Water Proof Silk Covers for Food Bowls. 50,726; Feb. 15.
Reinhold, Arno, doing business as Reinhold Company, Cleveland, Ohio. Air-Vent Bowl Covers. For Water Proof Silk Covers for Food Bowls. 50,727; Feb. 15.
Reinhold, Arno, doing business as Reinhold Company, Cleveland, Ohio. Air-Vent Bowl Cover. For Water Proof Silk Covers for Food Bowls. 50,728; Feb. 15.
Reinhold, Arno, doing business as Reinhold Company, Cleveland, Ohio. Breakfast Food Box Covers. For Water Proof Silk Covers for Food Boxes. 50,729; Feb. 15.
Reinhold, Arno, doing business as Reinhold Company, Cleveland, Ohio. Bottle Covers. For Water Proof Silk Covers for Bottles. 50,730; Feb. 15.
Reinhold, Arno, doing business as Reinhold Company, Cleveland, Ohio. Milk Bottle Covers. For Water Proof Silk Covers for Milk Bottles. 50,731; Feb. 15.
Reinhold, Arno, doing business as Reinhold Company, Cleveland, Ohio. Air-Vent Bowl Covers. For Water Proof Silk Covers for Food Bowls. 50,732; Feb. 15.
Reinhold, Arno, doing business as Reinhold Company, Cleveland, Ohio. Air-Vent Bowl Cover. For Water Proof Silk Covers for Food Bowls. 50,733; Feb. 15.
Wrigley, Wm., Jr. Company, Chicago, Ill. Wrigley's Double Mint. For Chewing Gum. 50,734; Feb. 15.

LIST OF REGISTRANTS OF PRINTS

Interwoven Stocking Company, New Brunswick, N. J. Genuine 6 x 3 Ribbed Socks. For Socks. 16,692; Feb. 15.
Parker Pen Company, The, Janesville, Wis. He Runs the Union Pacific with the Pen that has what it Takes. For Fountain Pens, Mechanical Pencils, and Ink. 16,693; Feb. 15.
Yankee Metal Products Corp., Norwalk, Conn. Yankee Lamps and Specialties. For Directional Signals. 16,694; Feb. 15.
Yankee Metal Products Corp., Norwalk, Conn. Yankee Lamps and Specialties. For Door Mirrors. 16,695; Feb. 15.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 2

Bags. Cloth garment. Al-Lon Manufacturing Co. 354,676; Feb. 15.
Receptacles for tickets. W. de Wilde. 354,507; Feb. 15; Serial No. 395,446; published Dec. 7, 1937.

CLASS 3

Handbags. Morris White Mfg. Co. 354,616; Feb. 15; Serial No. 397,992; published Dec. 7, 1937.
Purses, pocketbooks, and ladies' hand bags. Lennox Manufacturing Company. 354,403; Feb. 15; Serial No. 394,842; published Dec. 7, 1937.

CLASS 4

Leather-dressings, leather-seasonings, etc. Innis, Speiden & Co. 121,900; renewed June 11, 1938.
Scouring compound. N. K. Fairbank Company. 120,068; renewed Jan. 8, 1938.
Soap. N. K. Fairbank Company. 120,087; renewed Jan. 8, 1938.
Soap. Pre-phy-lac-tic Brush Company. 354,487; Feb. 15; Serial No. 394,383; published Nov. 30, 1937.
Soap, Perfumed and medicinal. E. Cameron. 354,470; Feb. 15; Serial No. 392,411; published June 29, 1937.

CLASS 6

Anaesthetic for minor surgery, Local. M. A. Chehak. 354,542; Feb. 15; Serial No. 396,952; published Nov. 9, 1937.
Analgesic and antipyretic compounds, acetanilid derivatives, etc. General Pharmacal Company. 354,594; Feb. 15; Serial No. 397,657; published Nov. 16, 1937.
Antacid powder, earache drops, nose and throat drops, etc. Coffin-Redington Company. 354,471; Feb. 15; Serial No. 392,669; published Nov. 23, 1937.
Antiseptic. A. Minka. 354,573; Feb. 15; Serial No. 397,351; published Nov. 23, 1937.
Aromatic combination of digestive ferments. Frank W. Horner Inc. 354,603; Feb. 15; Serial No. 397,807; published Nov. 23, 1937.
Astringents, astringent cerates, beauty creams, etc. Parfumerie St. Denis. 354,569; Feb. 15; Serial No. 397,410; published Nov. 16, 1937.
Bath preparation, Milk beauty. J. E. Lanphear. 354,554; Feb. 15; Serial No. 397,209; published Nov. 9, 1937.
Bleach and water softener. Purex Corporation. 354,583; Feb. 15; Serial No. 397,549; published Nov. 23, 1937.
Boiler compounds. Aberdeen Laboratories Inc. 354,532; Feb. 15; Serial No. 396,727; published Nov. 23, 1937.
Chemical compound. Calgon Incorporated. 354,625; Feb. 15; Serial No. 398,090; published Nov. 9, 1937.
Chemical compounds. Cellulose Holdings, Ltd. 354,515; Feb. 15; Serial No. 395,854; published Nov. 23, 1937.
Chemical compounds used as welding fluxes. Titanium Alloy Manufacturing Company. 354,623; Feb. 15; Serial No. 398,067; published Nov. 23, 1937.
Chemical washing fluids. C. J. Cinsolo. 354,495; Feb. 15; Serial No. 394,882; published Nov. 23, 1937.
Chemicals. Royce Chemical Company. 354,599; Feb. 15; Serial No. 397,726; published Nov. 9, 1937.
Chemicals, Fire extinguishing. Unit Packages, Inc. 354,512; Feb. 15; Serial No. 395,774; published Nov. 16, 1937.
Chemicals, Heavy. General Chemical Company. 354,571–2; Feb. 15; Serial Nos. 397,437–8; published Nov. 16, 1937.
Colors in the form of powder and pulp used in the manufacture of cosmetics. H. Kohnstamm & Co. 354,530; Feb. 15; Serial No. 396,637; published Nov. 16, 1937.
Concentrates and preparations rich in vitamin activity. Elf Laboratories, Inc. 354,602; Feb. 15; Serial No. 397,799; published Nov. 16, 1937.
Cosmetic liquid preparation. E. O. Fowler. 354,510; Feb. 15; Serial No. 396,641; published Nov. 16, 1937.
Cosmetics. Parfums Blanchard Inc. 354,527; Feb. 15; Serial No. 396,545; published Nov. 16, 1937.
Cosmetics and beauty preparations. Clark-Millmer Company. 354,641; Feb. 15; Serial No. 398,238; published Nov. 23, 1937.
Cough bonbons, cough confections, and cough syrups. B. Windt. 354,603; Feb. 15; Serial No. 395,327; published Nov. 9, 1937.
Cough bonbons, cough confections, and cough syrups. B. Windt. 354,575; Feb. 15; Serial No. 397,465; published Nov. 23, 1937.
Cream, face powder, cuticle oil, etc., Hand. G. E. Kobolt. 354,534; Feb. 15; Serial No. 396,740; published Nov. 9, 1937.
Cream, stimulant cream, absorbent cream, etc., Cleansing. Constance Bennett, Inc. 354,498; Feb. 15; Serial No. 395,119; published Oct. 26, 1937.
Creams, Face. C. Lechaupt. 354,517; Feb. 15; Serial No. 396,037; published Nov. 16, 1937.
Creme, carrot creme, and acne and bleach creme, Oatmeal cleansing. Pike and Davis, Inc. 354,499; Feb. 15; Serial No. 395,140; published Nov. 16, 1937.
Drugs and cosmetics. Hearn Department Stores, Inc. 354,514; Feb. 15; Serial No. 395,825; published Nov. 16, 1937.
Hair dressing, scalp tonic, cold cream, etc. L. H. Mendoza. 354,441; Feb. 15; Serial No. 397,461; published Nov. 9, 1937.
Hair tonic. Crusellas Rhum Quinquina Co. 354,506; Feb. 15; Serial No. 395,401; published Nov. 23, 1937.
Hair tonic, cold cream, shampoo, etc. F. A. Whetzel. 354,454; Feb. 15; Serial No. 390,392; published Nov. 23, 1937.

Headache tablets, Effervescent. Effantab Products, Inc. 354,564; Feb. 15; Serial No. 397,331; published Nov. 16, 1937.
Insect repellent material. H. A. E. Wenger. 354,590; Feb. 15; Serial No. 397,633; published Nov. 23, 1937.
Insecticide. It-Flops Mfg. Co. 354,545; Feb. 15; Serial No. 397,032; published Nov. 9, 1937.
Insecticide. Soy Bean Processing Company. 354,508; Feb. 15; Serial No. 396,491; published Nov. 9, 1937.
Insecticide and insectifuge. Kilgore Development Corporation. 354,541; Feb. 15; Serial No. 396,923; published Nov. 9, 1937.
Insecticides, insect exterminators, repellents, etc. Hoefer-Galler Inc. 354,433; Feb. 15; Serial No. 384,715; published Nov. 23, 1937.
Lavender water, bath salts, and toilet powder. Mraemic Company. 354,565; Feb. 15; Serial No. 397,333; published Nov. 9, 1937.
Laxative and quinine compound. B. Howell. 354,533; Feb. 15; Serial No. 396,739; published Nov. 16, 1937.
Liniment and rubefacient, Liquid. H. Pate. 354,497; Feb. 15; Serial No. 395,024; published Nov. 9, 1937.
Lipsticks. Lehn & Fink Products Corporation. 354,556; Feb. 15; Serial No. 397,218; published Nov. 9, 1937.
Magnesium trisilicate product. Frederick Stearns & Co. 354,553; Feb. 15; Serial No. 397,201; published Nov. 9, 1937.
Mange treatment preparation and sterilising oil. Moorman Manufacturing Company. 354,501; Feb. 15; Serial No. 395,235; published Nov. 23, 1937.
Medical compound. G. W. Nulf. 354,536; Feb. 15; Serial No. 396,750; published Nov. 23, 1937.
Medicament useful in the treatment of hay fever etc. Phage Laboratories, Inc. 354,582; Feb. 15; Serial No. 397,548; published Nov. 23, 1937.
Medication, Dermatotherapeutic. Desk Company. 354,524; Feb. 15; Serial No. 396,430; published Nov. 16, 1937.
Medicinal preparation. L. Aiello. 354,445; Feb. 15; Serial No. 389,049; published Nov. 23, 1937.
Medicinal preparation. Harrower Laboratory, Inc. 354,638; Feb. 15; Serial No. 398,200; published Nov. 16, 1937.
Medicinal preparation. Hoffmann-La Roche, Inc. 354,576; Feb. 15; Serial No. 397,472; published Nov. 16, 1937.
Medicinal preparation. Hoffmann-La Roche, Inc. 354,577; Feb. 15; Serial No. 397,473; published Nov. 9, 1937.
Medicinal preparation. Hoffmann-La Roche, Inc. 354,619; Feb. 15; Serial No. 398,066; published Nov. 9, 1937.
Medicinal preparation. F. Merz. 354,467; Feb. 15; Serial No. 392,382; published Nov. 16, 1937.
Medicinal preparation. Picot Laboratories, Inc. 354,543; Feb. 15; Serial No. 396,965; published Nov. 16, 1937.
Medicinal preparation for treating piles. M. F. Butler. 354,535; Feb. 15; Serial No. 396,761; published Nov. 23, 1937.
Medicinal preparations. F. Merz. 354,469; Feb. 15; Serial No. 392,386; published Nov. 16, 1937.
Medicinal preparations. Schering & Glatz, Inc. 354,604–5; Feb. 15; Serial Nos. 397,819–20; published Nov. 16, 1937.
Medicinal solution. U. S. Standard Products Company. 354,635; Feb. 15; Serial No. 398,182; published Nov. 16, 1937.
Medicine. Ru-Mari, Limited. 354,429; Feb. 15; Serial No. 373,465; published Mar. 24, 1936.
Medicine for the treatment of gall bladder. Amfre Drug Co. 354,606; Feb. 15; Serial No. 397,831; published Nov. 16, 1937.
Medicines. O. E. Hurlbert. 354,488; Feb. 15; Serial No. 394,488; published Nov. 16, 1937.
Mineral oil, Russian. S. Schwabacher & Co. 354,505; Feb. 15; Serial No. 395,256; published Nov. 23, 1937.
Morphine, Solution of. F. Merz. 354,468; Feb. 15; Serial No. 392,385; published Nov. 16, 1937.
Oils and by-products thereof, Fish. British Cod Liver Oil Products (Hull) Limited. 354,472; Feb. 15; Serial No. 393,042; published Nov. 16, 1937.
Ointment, Counter-irritant. M. F. Farrell. 354,480; Feb. 15; Serial No. 393,929; published Nov. 16, 1937.
Pads impregnated with a cosmetic cleansing lotion, Flannel. J. Marton. 354,523; Feb. 15; Serial No. 396,465; published Nov. 16, 1937.
Para-aminobenzene-sulphonamide for treating infections. E. M. Beekman. 354,520; Feb. 15; Serial No. 396,257; published Nov. 23, 1937.
Perfume and toilet water. Prince Matchabelli, Inc. 354,622; Feb. 15; Serial No. 398,055; published Nov. 23, 1937.
Perfumes. Park & Tilford. 354,597; Feb. 15; Serial No. 397,720; published Nov. 16, 1937.
Perfumes and eau de cologne. Prince Matchabelli, Inc. 354,634; Feb. 15; Serial No. 398,175; published Nov. 16, 1937.
Pharmaceutical preparation. Calco Chemical Company. 354,586; Feb. 15; Serial No. 397,570; published Nov. 23, 1937.
Pharmaceutical preparation. Mrs. J. C. Dietz. 354,481; Feb. 15; Serial No. 393,975; published Nov. 9, 1937.
Pharmaceutical preparation. Hoffmann-La Roche, Inc. 354,608; Feb. 15; Serial No. 398,056; published Dec. 14, 1937.
Pharmaceutical preparations. B. L. Jacob. 354,500; Feb. 15; Serial No. 395,194; published Nov. 9, 1937.
Powder consisting of sodium pyrophosphate and corn starch. Federal Yeast Corporation. 354,478; Feb. 15; Serial No. 393,589; published Nov. 23, 1937.
Powder, Face. Lehn & Fink Products Corporation. 354,589; Feb. 15; Serial No. 397,598; published Nov. 23, 1937.
Powder, Foot. Hussmann-Holmes Company. 354,463; Feb. 15; Serial No. 391,763; published Nov. 23, 1937.
Preparation for the relief of asthma and bronchitis. O. Beck. 354,617; Feb. 15; Serial No. 397,996; published Nov. 16, 1937.
Preparation for the relief of athlete's foot, etc. M. Spiegel. 354,585; Feb. 15; Serial No. 397,558; published Nov. 9, 1937.
Preparation for the treatment of nausea. Dawydoff Laboratories. 354,537; Feb. 15; Serial No. 396,808; published Nov. 16, 1937.
Preparation for the treatment of pyorrhea. J. L. Bullock. 354,504; Feb. 15; Serial No. 395,331; published Nov. 16, 1937.
Preparation used in the treatment of habitual or threatened abortion, etc. Endo Products, Inc. 354,551; Feb. 15; Serial No. 397,113; published Nov. 9, 1937.
Preparation used in the treatment of sexual underdevelopment, sterility, etc. Endo Products, Inc. 354,550; Feb. 15; Serial No. 397,112; published Nov. 9, 1937.
Preparations composed of various vitamins and iron. Professional Laboratories, Inc. 354,490; Feb. 15; Serial No. 394,804; published Nov. 23, 1937.
Preparations for killing insects and fungi. "Orbono" Pflanzenschutzmittel G. m. b. H. 354,453; Feb. 15; Serial No. 390,083; published Nov. 9, 1937.
Product used in treating various fibres. National Oil Products Company. 354,457; Feb. 15; Serial No. 390,767; published Nov. 9, 1937.
Roach powder. Kraus Chemical Works. 354,475; Feb. 15; Serial No. 393,137; published Nov. 9, 1937.
Salts, Medicinal. Fyanco Limited. 354,531; Feb. 15; Serial No. 396,677; published Nov. 23, 1937.
Sedatives, sealed capsules to reduce blood pressure, etc. T. J. Bendlage. 354,464; Feb. 15; Serial No. 391,948; published Nov. 9, 1937.
Silver oxide, Colloidally dispersed. Silver Oxide Products Company. 354,615; Feb. 15; Serial No. 397,985; published Nov. 16, 1937.
Skin freshener and tonic, liquefying cream, etc. Pond's Extract Company. 354,558; Feb. 15; Serial No. 397,227; published Nov. 9, 1937.
Soaps, Metallic. Metsapp Chemical Company. 354,474; Feb. 15; Serial No. 393,062; published Nov. 9, 1937.
Solutions of cellulose derivatives. Atlas Powder Company. 354,608; Feb. 15; Serial No. 397,894; published Nov. 16, 1937.
Starch. American Maize-Products Company. 354,434; Feb. 15; Serial No. 385,173; published Nov. 16, 1937.
Starch products, Inedible. A. E. Staley Manufacturing Company. 354,443; Feb. 15; Serial No. 388,606; published Nov. 9, 1937.
Sulfonamide of para-amino-benzene. John Wyeth and Brother, Incorporated. 354,513; Feb. 15; Serial No. 395,780; published Nov. 16, 1937.
Tablets for relief of pain, and ointment for the relief of itching. J. J. Davis. 354,529; Feb. 15; Serial No. 396,509; published Nov. 9, 1937.
Talcums, dusting powder, bath crystals, etc. George W. Batton Corporation. 354,559; Feb. 15; Serial No. 397,243; published Nov. 9, 1937.
Toilet water. Pinaud Incorporated. 354,557; Feb. 15; Serial No. 397,226; published Nov. 9, 1937.
Tonic, Medicinal. J. L. Zimmerman. 354,446; Feb. 15; Serial No. 389,290; published Nov. 23, 1937.
Tubes filled with a medicinal solution. William H. Rorer, Inc. 354,460; Feb. 15; Serial No. 391,344; published Nov. 16, 1937.
Vitamin D, Crystalline. Alba Pharmaceutical Company. 354,566; Feb. 15; Serial No. 397,351; published Nov. 16, 1937.
Water repellent compound. Warwick Chemical Company. 354,450–1; Feb. 15; Serial Nos. 389,654–5; published Nov. 16, 1937.
Water-repellent preparation. Sudol Products, Inc. 354,578; Feb. 15; Serial No. 397,489; published Nov. 16, 1937.

CLASS 7

Rope and binder twine. Hooven & Allison Company. 354,631–2; Feb. 5; Serial Nos. 398,158–9; published Dec. 7, 1937.

CLASS 8

Cigarette holders, cigar holders, and pipes, etc. Denicotea, Societe Anonyme. 354,477; Feb. 15; Serial No. 393,584; published Dec. 7, 1937.

CLASS 12

Nozzles, Draft arm. M. J. Brown. 354,549; Feb. 15; Serial No. 397,106; published Dec. 7, 1937.
Pipe fittings, Metal. Stanley G. Flagg & Co. 354,484; Feb. 15; Serial No. 394,226; published Dec. 7, 1937.

CLASS 19

Vehicle instrument panels, shock absorbers, brakes, etc. General Motors Corporation. 354,521; Feb. 15; Serial No. 396,359; published Dec. 7, 1937.

CLASS 21

Circuit breakers, switches, fuses, etc., Electrical. Arrow-Hart & Hegeman Electric Company. 354,444; Feb. 15; Serial No. 389,007; published Dec. 7, 1937.
Conductors, wire, cords, and cable. Automatic Electric Company. 354,426; Feb. 15; Serial No. 371,137; published Dec. 31, 1936.
Lamps, Electric incandescent. Warren Lamp Company. 354,079; Feb. 15.
Lamps, Electric portable. Park-Sherman Co. 354,540; Feb. 15; Serial No. 396,593; published Dec. 7, 1937.
Lighters, electric windshield heaters, etc., Electric cigar. Cases Products Corporation. 354,670; Feb. 15.
Radio receiving sets and parts thereof. Finlay Straus, Inc. 354,468; Feb. 15; Serial No. 392,365; published June 29, 1937.
Wire, Insulated. Atlantic Insulated Wire & Cable Company. 120,317-S; renewed Feb. 8, 1938.
Wireless apparatus. Sears, Roebuck and Co. 120,438; renewed Feb. 8, 1938.

CLASS 22

Card game. Parker Brothers, Inc. 354,644; Feb. 15; Serial No. 396,287; published Dec. 7, 1937.
Game boards. R. D. Field. 354,613; Feb. 15; Serial No. 397,930; published Dec. 7, 1937.
Games, Board. Milton Bradley Company. 354,662; Feb. 15; Serial No. 398,664; published Dec. 7, 1937.

CLASS 23

Lathes, face plates, power hack saws, etc. Double A Products Company. 354,439; Feb. 15; Serial No. 396,966; published June 8, 1937.
Pumps and pumping apparatus and parts thereof. General Motors Corporation. 354,502; Feb. 15; Serial No. 396,291; published Dec. 7, 1937.
Razors and hair removing devices. American Safety Razor Corporation. 354,628-9; Feb. 15; Serial Nos. 396,142-3; published Dec. 7, 1937.
Saw blades. Disston Manufacturing Co. 354,428; Feb. 15; Serial No. 371,500; published Jan. 7, 1936.

CLASS 24

Ironers, Electric. Marshall-Wells Company. 354,666; Feb. 15; Serial No. 398,781; published Dec. 7, 1937.

CLASS 26

Apparatus for automatically controlling an operation. Builders Iron Foundry. 354,427; Feb. 15; Serial No. 371,296; published Apr. 6, 1937.
Lettering. A. B. Dick Company. 354,636; Feb. 15; Serial No. 398,194; published Dec. 7, 1937.

CLASS 27

Clocks and watches. Waterbury Clock Company. 354,643; Feb. 15; Serial No. 398,270; published Dec. 7, 1937.

CLASS 29

Mops, Reeding. F. A. Speik. 354,447; Feb. 15; Serial No. 389,337; published Aug. 3, 1937.

CLASS 30

Dishes. Newland, Schneeloch & Pick, Inc. 354,580; Feb. 15; Serial No. 397,512; published Dec. 7, 1937.

CLASS 32

Furniture. Stewartstown Furniture Company. 354,673; Feb. 15.
Racks or receptacles. Scotch Products Incorporated. 354,671; Feb. 15.

CLASS 34

Burners and wicks. Huenefeld Company. 120,105; renewed Jan. 8, 1938.
Fans, Ventilating, circulating, and air conditioning. E. A. Laboratories, Inc. 354,566; Feb. 15; Serial No. 397,403; published Dec. 7, 1937.
Stokers for furnaces, and parts thereof. Whiting Corporation. 354,496; Feb. 15; Serial No. 394,924; published Sept. 28, 1937.

CLASS 35

Tires and tubes for vehicle wheels, Pneumatic. Pharis Tire and Rubber Company. 354,645; Feb. 15; Serial No. 396,289; published Dec. 7, 1937.

CLASS 37

Fasteners and fastener bases for binding loose papers together. Acco Products, Inc. 354,612; Feb. 15; Serial No. 397,921; published Dec. 7, 1937.
Forms, inter-leaved with carbon, Blank. Alfred Allen Watts Co. 354,511; Feb. 15; Serial No. 396,726; published Oct. 5, 1937.
Paper and envelopes, Letter. Supreme Council, Order of the Amaranth. 354,440; Feb. 15; Serial No. 387,407; published Dec. 7, 1937.
Paper partially coated with transfer material, Sheets of. General Manifold and Printing Company. 354,587; Feb. 15; Serial No. 397,575; published Dec. 7, 1937.
Pens and parts thereof, Fountain. Alkis-Lambert Company. 354,648; Feb. 15; Serial No. 398,336; published Dec. 7, 1937.
Pens, desk sets, mechanical pencils, etc., Fountain. Syndicate Associates Corporation. 354,476; Feb. 15; Serial No. 393,398; published Oct. 5, 1937.
Tape, Gummed paper. J. E. Reavis. 354,547; Feb. 15; Serial No. 397,086; published Dec. 7, 1937.

CLASS 38

Booklets or pamphlets. Denver and Rio Grande Western Railroad Company. 354,437; Feb. 15; Serial No. 385,836; published Dec. 7, 1937.
Column. Butterick Company. 354,459; Feb. 15; Serial No. 391,300; published June 15, 1937.
Directory of wash frock manufacturers. H. J. Pruessing, Jr. 354,607; Feb. 15; Serial No. 397,868; published Dec. 7, 1937.
Drawings, Comic. United Feature Syndicate, Inc. 354,597; Feb. 15; Serial No. 397,392; published Dec. 7, 1937.
Newspaper, Daily. Day Publishing Company. 354,489; Feb. 15; Serial No. 394,501; published Dec. 7, 1937.
Periodical issued monthly. Seed Trade Reporting Bureau. 354,649; Feb. 15; Serial No. 398,338; published Dec. 7, 1937.
Periodical or trade paper. Grocer-Graphic, Inc. 354,538; Feb. 15; Serial No. 396,812; published Dec. 7, 1937.
Periodical publication. Kingsway Press, Inc. 354,483; Feb. 15; Serial No. 394,134; published Sept. 21, 1937.
Publication. Fashions Preferred Inc. 354,592; Feb. 15; Serial No. 397,051; published Dec. 7, 1937.
Publication, Monthly. H. Gernsback. 354,442; Feb. 15; Serial No. 388,497; published Apr. 27, 1937.

CLASS 39

Apparel, Men's outer. Kaufmann Department Stores, Inc. 354,501; Feb. 15; Serial No. 397,636; published Nov. 30, 1937.
Blouses, shirtwaists, and waists, Ladies'. Lerner Blouse Co. 354,455; Feb. 15; Serial No. 390,459; published Nov. 23, 1937.
Clothing, Boys'. Sandess Manufacturing Company. 354,584; Feb. 15; Serial No. 397,556; published Dec. 7, 1937.
Coats, capes, and jackets, Dyed coney. Fur Mart of America. 354,472; Feb. 15; Serial No. 393,030; published Dec. 1, 1937.
Coats, Fur. Veilbach & Ackerman, Inc. 354,492; Feb. 15; Serial No. 394,835; published Nov. 30, 1937.
Coats, Ladies' fur. Weiss & Sussman. 354,456; Feb. 15; Serial No. 390,719; published Dec. 7, 1937.
Coats, vests, and trousers. L. S. Ross. 354,552; Feb. 15; Serial No. 397,154; published Nov. 30, 1937.
Dresses. Louis J. Malias, Inc. 354,630; Feb. 15; Serial No. 398,209; published Nov. 30, 1937.
Dresses. R. R. Saifer. 354,561; Feb. 15; Serial No. 397,266; published Nov. 30, 1937.
Dresses and blouses. Winter-Drittel, Inc. 354,452; Feb. 15; Serial No. 389,952; published May 11, 1937.
Dresses, cloaks, coats, etc. Style Garment Company. 354,465; Feb. 15; Serial No. 392,293; published Dec. 7, 1937.
Dresses, Women's. Semaria Bros., Inc. 354,646; Feb. 15; Serial No. 398,294; published Dec. 7, 1937.
Frocks, Children's wash. Edward Shuwall & Co. 354,574; Feb. 15; Serial No. 397,457; published Nov. 30, 1937.
Frocks, Children's wash. Edward Shuwall & Co. Inc. 354,657; Feb. 15; Serial No. 398,547; published Dec. 7, 1937.
Frocks, Ladies' wash. Alton Garment Company. 354,647; Feb. 15; Serial No. 398,302; published Dec. 7, 1937.
Garments known as topcoats, Outside. Alfred Decker & Cohn, Inc. 354,563; Feb. 15; Serial No. 397,329; published Dec. 7, 1937.
Hosiery, Chas. Chipman's Sons Co. 120,344; renewed Feb. 5, 1938.
Hosiery, Chipman Knitting Mills. 121,406; renewed Apr. 30, 1938.
Hosiery, Chipman Knitting Mills. 121,758; renewed May 28, 1938.
Hosiery, W. C. McCoy. 354,651; Feb. 15; Serial No. 398,282; published Dec. 7, 1937.
Hosiery, Ladies'. Fashion Company. 354,661; Feb. 15; Serial No. 398,662; published Dec. 7, 1937.
Pajamas. Johnson Crevelling & Co. 354,522; Feb. 15; Serial No. 396,406; published Dec. 7, 1937.
Pajamas. Kaylon, Inc. 354,436; Feb. 15; Serial No. 386,541; published Dec. 7, 1937.
Petticoats. Superior Petticoat Company. 354,491; Feb. 15; Serial No. 394,513; published Nov. 30, 1937.
Shirts, shorts, slacks, etc., Outer. Wamsutta Mills. 354,539; Feb. 15; Serial No. 396,849; published Nov. 30, 1937.
Suits, coats, vests, etc. S. Ginsberg Sons. 354,637; Feb. 15; Serial No. 398,198; published Nov. 30, 1937.
Sweaters and sweater sets. Wilson Bros. & Cohen, Inc. 354,519; Feb. 15; Serial No. 396,216; published Nov. 30, 1937.
Sweaters and vests. Celanese Corporation of America. 354,653; Feb. 15; Serial No. 398,450; published Dec. 7, 1937.
Trousers of silk material, Men's. Sohn, Oppenheimer & Co. 354,595; Feb. 15; Serial No. 397,661; published Dec. 7, 1937.
Undergarments, Ladies'. H. L. R. Mayers. 354,494; Feb. 15; Serial No. 394,849; published Nov. 30, 1937.

CLASS 42

Bedspreads, blankets, carpets, etc. Wm. T. Knott Company. 354,677; Feb. 15.

Blankets, Woollen. Charles Early & Co. Limited. 354,610; Feb. 15; Serial No. 397,901; published Nov. 30, 1937.
Cloths, and stuffs. Adams & Company. 354,525; Feb. 15; Serial No. 396,526; published Nov. 30, 1937.
Cotton and rayon piece goods. M. Lowenstein & Sons, Inc. 354,581; Feb. 15; Serial No. 397,541; published Nov. 30, 1937.
Cotton piece goods. Joseph Bancroft & Sons Co. 354,630; Feb. 15; Serial No. 398,145; published Dec. 7, 1937.
Cotton piece goods. Joseph Bancroft & Sons Co. 354,640; Feb. 15; Serial No. 398,223; published Dec. 7, 1937.
Cotton piece goods. Crasston Print Works Company. 354,663; Feb. 15; Serial No. 398,668; published Dec. 7, 1937.
Cotton piece goods. Pacific Mills. 121,815; renewed May 28, 1938.
Cotton piece goods. Pacific Mills. 122,101; renewed June 25, 1938.
Cotton piece goods, pillow case tubing, etc. Ely & Walker Dry Goods Company. 354,621; Feb. 15; Serial No. 398,035; published Nov. 30, 1937.
Crepe piece goods, Acetate and rayon. Colonial Mills, Inc. 354,504; Feb. 15; Serial No. 397,704; published Nov. 30, 1937.
Laces. Solomon & Birnbaum, Inc. 354,509; Feb. 15; Serial No. 395,544; published Sept. 28, 1937.
Linings, Neckwear tie. M. J. Mack Corp. 354,560; Feb. 15; Serial No. 397,236; published Nov. 30, 1937.
Piece goods. Pepperell Manufacturing Company. 354,652; Feb. 15; Serial No. 398,440; published Nov. 30, 1937.
Piece goods. Tootal Broadhurst Lee Company Limited. 354,658; Feb. 15; Serial No. 398,597; published Dec. 7, 1937.
Piece goods. Worcester Knitting Co. 354,624; Feb. 15; Serial No. 398,071; published Nov. 30, 1937.
Pile fabrics. M. Rosenberg. 354,548; Feb. 15; Serial No. 397,087; published Nov. 30, 1937.
Suiting piece goods, Summer. Riverside & Dan River Cotton Mills, Inc. 354,508; Feb. 15; Serial No. 397,725; published Dec. 7, 1937.
Woolen and worsted piece goods. H. Feinberg. 354,672; Feb. 15.
Woolen fabrics in the piece. Commodore Woolen Co. 354,449; Feb. 15; Serial No. 389,166; published Dec. 14, 1937.

CLASS 44

Dental cellulose material, Blank form of. Coralite Dental Products Company. 354,680; Feb. 15.
Material for making coaptation bandages and splints. Arden-Rayshine Company. 354,618; Feb. 15; Serial No. 397,993; published Dec. 7, 1937.
Prophylactic rubber articles. Killian Manufacturing Company. 354,626; Feb. 15; Serial No. 398,111; published Dec. 7, 1937.
Prophylactic rubber articles. L. E. Shunk Latex Products, Inc. 354,627; Feb. 15; Serial No. 398,130; published Dec. 7, 1937.
Phophylactic rubber parchment articles. Aronab Products Co. 354,526; Feb. 15; Serial No. 396,527; published Dec. 7, 1937.
Trusses and truss pads. Ohio Truss Company. 354,485; Feb. 15; Serial No. 394,299; published Dec. 7, 1937.

CLASS 45

Beverages, Bottled and canned apple. Lyndonville Canning Co. Inc. 354,528; Feb. 15; Serial No. 396,573; published Nov. 30, 1937.
Beverages and extracts and flavors for making the same. Theall & Pile, Inc. 354,642; Feb. 15; Serial No. 398,268; published Nov. 30, 1937.
Beverages and syrups, extracts and flavors used in making the same. Berkeley Club Bottling and Manufacturing Co. 354,667; Feb. 15; Serial No. 398,751; published Dec. 7, 1937.
Beverages, and syrups for compounding the same. Seminole Flavor Company. 354,674; Feb. 15.
Beverages, Cereal malticas. Atlas Brewing Company. 354,436; Feb. 15; Serial No. 385,720; published Nov. 30, 1937.

CLASS 46

Biscuits, crackers, cakes, etc. Loose-Wiles Biscuit Company. 354,654; Feb. 15; Serial No. 398,477; published Dec. 7, 1937.
Butter and ice cream. Valley Ice Cream Company. 354,682; Feb. 15.
Candy breath-deodorisers. American Chicle Company. 121,743; renewed may 28, 1938.
Candy. L. L. Cummings. 354,675; Feb. 15.
Candy. Jacobs Candy Company. 354,650; Feb. 15; Serial No. 398,258; published Dec. 7, 1937.
Canned fish. California Packing Corporation. 120,831; renewed Mar. 12, 1938.
Canned fruits and canned vegetables. California Packing Corporation. 121,700; renewed May 21, 1938.
Canned fruits and canned vegetables, etc. California Packing Corporation. 120,716; renewed Mar. 5, 1938.
Canned fruits and vegetables. Schuckl & Co. 354,614; Feb. 15; Serial No. 397,954; published Dec. 7, 1937.
Canned fruits and vegetables, tomato juice, etc. Palmetto Canning Co. 354,546; Feb. 15; Serial No. 397,049; published Dec. 7, 1937.
Canned fruits, canned vegetables, spices, etc. Rutherford Food Corporation. 354,482; Feb. 15; Serial No. 393,962; published Dec. 7, 1937.
Canned grapefruit juice for food purposes. Bordo Products Company. 354,600; Feb. 15; Serial No. 397,747; published Dec. 7, 1937.
Canned salmon. California Packing Corporation. 121,699; renewed May 21, 1938.
Canned sardines. R. H. Macy & Co. 354,620; Feb. 15; Serial No. 398,013; published Dec. 7, 1937.
Canned shrimp and canned prawns. St. Marys Canning Co. 354,681; Feb. 15.
Canned vegetables and fruits, canned fish and Vienna sausage, etc. Recorg Supply Corporation. 354,432; Feb. 15; Serial No. 382,767; published Dec. 7, 1937.
Chile con carne, tamales. Rutherford Food Corporation. 354,516; Feb. 15; Serial No. 395,970; published Dec. 7, 1937.
Chocolate base food supplement. Hoffmann-La Roche, Inc. 354,669; Feb. 15; Serial No. 399,257; published Dec. 14, 1937.
Coffee. Standard Brands Incorporated. 354,665; Feb. 15; Serial No. 398,741; published Dec. 7, 1937.
Coffee, tea, spices, etc. B. Fischer & Company. 354,593; Feb. 15; Serial No. 397,655; published Dec. 7, 1937.
Confections, Frozen. Joe Lowe Corporation. 354,479; Feb. 15, 1938; Serial No. 393,658; published Dec. 7, 1937.
Flour, Wheat. Lawrenceburg Roller Mills Co. 119,967; renewed Dec. 25, 1937.
Flour, Wheat. Packard Milling Company. 354,430; Feb. 15; Serial No. 381,322; published Dec. 7, 1937.
Fruit, Fresh citrus. Glendora Co-Operative Citrus Assn. 354,461-2; Feb. 15; Serial Nos. 391,758-9; published Dec. 7, 1937.
Fruits, Fresh citrus. Holly Hill Fruit Products, Inc. 354,579; Feb. 15; Serial No. 397,509; published Dec. 7, 1937.
Fruits, Fresh deciduous. Hegrblade-Marguleas Co. 354,518; Feb. 15; Serial No. 396,133; published Sept. 21, 1937.
Honey. Delgado & Bruce, Inc. 354,609; Feb. 15; Serial No. 397,899; published Dec. 7, 1937.
Lard substitute. Interstate Cotton Oil Refining Co. 354,633; Feb. 15; Serial No. 398,162; published Dec. 7, 1937.
Marmalades. G. A. Viner. 354,562; Feb. 15; Serial No. 397,271; published Dec. 7, 1937.
Milk food product, Cultured. Sanoderm Company. 354,544; Feb. 15; Serial No. 396,969; published Dec. 7, 1937.
Pastry containers, Edible. J. Denaro. 354,601; Feb. 15; Serial No. 397,749; published Dec. 7, 1937.
Peanuts and peanut bars, Salted. Planters Nut & Chocolate Co. 121,818; renewed May 28, 1938.
Popcorn. C. Cretors. 122,066; renewed June 25, 1938.
Popcorn, Popped. R. T. Lund. 354,588; Feb. 15; Serial No. 397,544; published Dec. 7, 1937.
Pudding and pie filling. Standard Brands Incorporated. 354,611; Feb. 15; Serial No. 397,916; published Dec. 7, 1937.
Sweetmeat known as Halvah. Gordon, Wolf, Cowen Co. 354,656; Feb. 15; Serial No. 398,536; published Dec. 7, 1937.

CLASS 47

Wines. Roma Wine Company. 354,431; Feb. 15; Serial No. 382,527; published Dec. 7, 1937.
Wines, port, sherry, etc., California varieties of white and red. E. MacBoyle. 354,486; Feb. 15; Serial No. 394,335; published Dec. 7, 1937.

CLASS 48

Beer. Premier-Pabst Corporation. 354,660; Feb. 15; Serial No. 398,633; published Dec. 7, 1937.
Beer. E. J. Schnette. 354,673; Feb. 15.
Beer. South Bethlehem Brewing Company. 354,425; Feb. 15; Serial No. 364,025; published July 9, 1935.
Beer. Geo. Wiedemann Brewing Co. 354,655; Feb. 15; Serial No. 398,506; published Dec. 7, 1937.
Beer and ale. Atlas Brewing Company. 354,448; Feb. 15; Serial No. 389,401; published Dec. 7, 1937.
Beer and ale. Chester Brewery, Inc. 354,458; Feb. 15; Serial No. 391,176; published Dec. 7, 1937.

CLASS 49

Beverage distilled from fresh orange peel with rum, Alcoholic. El Louvre, S. A. 354,555; Feb. 15; Serial No. 397,216; published Dec. 7, 1937.
Gin, Distilled London dry. Maxwell Spirits Inc. 354,664; Feb. 15; Serial No. 398,686; published Dec. 7, 1937.
Liqueur, blackberry liqueur, cherry liqueur, etc., Apricot. Hinrichs Distilled Products. 354,650; Feb. 15; Serial No. 398,618; published Dec. 7, 1937.
Whiskey. Rathjen Bros. Inc. 354,570; Feb. 15; Serial No. 397,422; published Nov. 30, 1937.

CLASS 50

Fiber, Vulcanised. American Vulcanised Fibre Company. 121,745; renewed May 28, 1938.
Upholstery material. United States Rubber Products, Inc. 354,435; Feb. 15; Serial No. 385,241; published Dec. 7, 1937.

LIST OF LABELS

Air-Vent Bowl Cover. For Water Proof Silk Covers for Food Bowls. A. Reinhold. 50,726; Feb. 15.
Air-Vent Bowl Covers. For Water Proof Silk Covers for Food Bowls. A. Reinhold. 50,727; Feb. 15.
Air-Vent Bowl Cover. For Water Proof Silk Covers for Food Bowls. A. Reinhold. 50,728; Feb. 15.
Air-Vent Bowl Covers. For Water Proof Silk Covers for Food Bowls. A. Reinhold. 50,732; Feb. 15.
Air-Vent Bowl Cover. For Water Proof Silk Covers for Food Bowls. A. Reinhold. 50,733; Feb. 15.
Allantures. For Unguentum. Hart Drug Corporation. 50,721; Feb. 15.
Bottle Covers. For Water Proof Silk Covers for Bottles. A. Reinhold. 50,730; Feb. 15.
Breakfast Food Box Covers. For Water Proof Silk Covers for Food Boxes. A. Reinhold. 50,729; Feb. 15.
Codural. For Unguentum. Hart Drug Corporation. 50,720; Feb. 15.
General Caps. For Caps for Bottles and Jars. General Cap Company. 50,719; Feb. 15.
Hershey's Milk the Purest Kind. For Skimmed Powdered Milk. Hershey Creamery Company. 50,722; Feb. 15.
Kentucky Bulk. For Straight Bourbon Whiskey. Kentucky Bulk Company. 50,723; Feb. 15.
Lipton Pure Imperial Gunpowder Tea (Green and Black). For Pure Imperial Gunpowder Tea. Thomas J. Lipton, Inc. 50,725; Feb. 15.
Milk Bottle Covers. For Water Proof Silk Covers for Milk Bottles. A. Reinhold. 50,731; Feb. 15.
Wrigley's Double Mint. For Chewing Gum. Wm. Wrigley Jr. Company. 50,734; Feb. 15.
Zephyr Deluxe. For Brooms. H. B. Lindstrom. 50,724; Feb. 15.

LIST OF PRINTS

Genuine 6 x 3 Ribbed Socks. For Socks. Interwoven Stocking Company. 16,692; Feb. 15.
He Runs the Union Pacific with the Pen that has what it Takes. For Fountain Pens, Mechanical Pencils, and Ink. Parker Pen Company. 16,693; Feb. 15.
Yankee Lamps and Specialties. For Directional Signals. Yankee Metal Products Corp. 16,694; Feb. 15.
Yankee Lamps and Specialties. For Door Mirrors. Yankee Metal Products Corp. 16,695; Feb. 15.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 15TH DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Hammer, William H., et al. (See Hecht, Clinton J., assignor.)
Hecht, Clinton J., Los Angeles, assignor to L. Rhodes and W. H. Hammer, Santa Monica, Calif. Block toy. 20,652; Feb. 15.
Kelsey-Hayes Wheel Company, The. (See Sinclair, Charles W., assignor.)
Lamb, Clyde K., assignor to The Safety Scaffold Corporation, Cleveland, Ohio. Scaffold. 20,653; Feb. 15.
Mercury Manufacturing Company, The. (See Schroeder, William, assignor.)
Rhodes, Lane, et al. (See Hecht, Clinton J., assignor.)
Safety Scaffold Corporation, The. (See Lamb, Clyde K., assignor.)
Schroeder, William, assignor to The Mercury Manufacturing Company, Chicago, Ill. Gasoline tractor. 20,654; Feb. 15.
Sinclair, Charles W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel construction. 20,655; Feb. 15.

LIST OF PLANT PATENTEES

Harpole, Marsh, Mount Vernon, Ill., assignor to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo. Peach tree. 271; Feb. 15.
Stark Bro's Nurseries and Orchards Company. (See Harpole, Marsh, assignors.)

LIST OF DESIGN PATENTEES

Abbate, Jacob, New York, N. Y. Dress. 108,504; Feb. 15.
Abbate, Jacob, New York, N. Y. Dress. 108,505; Feb. 15.
Ambrose and Company. (See Ambrose, Jay L., assignor.)
Ambrose, Jay L., assignor to Ambrose and Company, Denver, Colo. Jug. 108,417; Feb. 15.
Aronson, Jerome B., Chicago, Ill. Savings bank. 108,487; Feb. 15.
Axelrod, Ellis. (See Grossman, A., and Axelrod.)
Berry, Helen, New York, N. Y. Dress ensemble. 108,506; Feb. 15.
Blake Manufacturing Corporation. (See Wood, Orville T., assignor.)
Bloomfield, Samuel, Chicago, Ill. Display stand. 108,418; Feb. 15.
Bradley, Eric H., Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Faceplate for a sea-gauge for liquid dispensing apparatus. 108,419; Feb. 15.
Brande, Abraham S., Chicago, Ill. Display case for watches. 108,420; Feb. 15.
Brill, Allan, Chicago, Ill. Beverage tumbler. 108,421; Feb. 15.
Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Instrument case. 108,422; Feb. 15.
Carpenter, Fountaelle S., Watertown, Mass. Clock. 108,488; Feb. 15.
Carr-Lowrey Glass Co. (See Kohl, William R., assignor.)
Carr-Lowrey Glass Co. (See Lloyd, Philip G., assignor.)
Chapman, David, Chicago, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Combined waffle iron and tray or similar article. 108,423; Feb. 15.
Clary, Irvin W., El Paso, Tex. Game board. 108,424; Feb. 15.
Colbe, Selma O., Chicago, Ill. Mausoleum. 108,425; Feb. 15.
Colbe, Selma O., Chicago, Ill. Mausoleum. 108,426; Feb. 15.
Coleman, Tora, New York, N. Y. Dress. 108,507; Feb. 15.
Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Metal box cover. 108,427; Feb. 15.
Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Metal box cover. 108,428; Feb. 15.
Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Metal box cover. 108,429; Feb. 15.
Connor, Martha H., Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Metal box cover. 108,430; Feb. 15.
Cope, Albert C. (See Ford, F. P., Cope, and Gough.)
Coro-Gram, Inc. (See Verrocchio, Gene, assignor.)
Cutler-Hammer, Inc. (See Stevens, Clifford B., assignor.)
Dalton, Holland R., Fostoria, assignor to Porcelain Products, Inc., Findlay, Ohio. Electric insulator. 108,489; Feb. 15.
Downs, Marwood A., assignor to Ontario Manufacturing Company, Muncie, Ind. Spoon or other article of flatware. 108,431; Feb. 15.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 108,474; Feb. 15.
Everlastik, Incorporated. (See Parker, Ralph A., assignor.)
Felmann, Henri, Chicago, Ill. Handbag. 108,490; Feb. 15.
Finn, Henry M., Malden, and M. Laven, Boston, Mass. Sterilising unit or similar article. 108,475; Feb. 15.
Finn, Henry M., Malden, and M. Laven, Boston, Mass. Sterilising unit or similar article. 108,506; Feb. 15.
Ford, Frederick P., Cheddar, Somerset, A. C. Cope, Winscombe, Somerset, and A. G. H. Gough, Tweentown, Cheddar, Somerset, England. Animal boot or similar article. 108,491; Feb. 15.
Fracchia, Pauline, New York, N. Y. Dress ensemble. 108,492; Feb. 15.
Freysinger, John B., New Britain, Conn. Buckle. 108,476; Feb. 15.
Fuller, Joe C., Deerfield, assignor to King-Fuller Co., Chicago, Ill. Bottle. 108,493; Feb. 15.
Geffner, Samuel H., New York, N. Y. Fringed textile fabric. 108,432; Feb. 15.
General Motors Corporation. (See Oswald, John, assignor.)
Goldstein, Jack, Bronx, N. Y. Embroidered lace scarf. 108,433; Feb. 15.
Gough, Arthur G. H. (See Ford, F. P., Cope, and Gough.)
Graduate School of Banking, The. (See Hill, Richard W., assignor.)
Granowitz, Jacob, New York, N. Y. Textile fabric. 108,509; Feb. 15.
Granowitz, Jacob, New York, N. Y. Textile fabric. 108,510; Feb. 15.
Grossman, Alex, Jersey City, N. J., and E. Axelrod, Brooklyn, N. Y. Embroidered net. 108,434; Feb. 15.
Grossman, Alex, Jersey City, N. J., and E. Axelrod, Brooklyn, N. Y. Embroidered net. 108,435; Feb. 15.
Grossman, Alex, Jersey City, N. J., and E. Axelrod, Brooklyn, N. Y. Embroidered net. 108,494; Feb. 15.
Gwilt, Ney, Gridley, Calif. Feeding trough. 108,436; Feb. 15.
Hamilton, George A., Albany, N. Y. Grill. 108,439; Feb. 15.
Hammond Instrument Company. (See Stephens, George H., assignor.)
Hamre, Marion E., Brooklyn, N. Y. Printed textile fabric or similar article. 108,437; Feb. 15.
Hamre, Marion E., Brooklyn, N. Y. Printed textile fabric or similar article. 108,438; Feb. 15.
Hanley, John A., Noroton, Conn. Electric shaving device. 108,440; Feb. 15.
Hanley, John A., Noroton, Conn. Electric shaving device. 108,441; Feb. 15.
Harm, William, Philadelphia, Pa. Textile fabric. 108,511; Feb. 15.
Herr, Frank E., Lancaster, Pa. Oil burner. 108,477; Feb. 15.
Herr, Frank E., Lancaster, Pa. Oil burner. 108,478; Feb. 15.
Hess, Clarence R. T., Prairie View, Ill. Fork blade. 108,495; Feb. 15.
Hess, Clarence R. T., Prairie View, Ill., assignor to Perfex Corporation, Milwaukee, Wis. Casing for unit heater or similar article. 108,512; Feb. 15.

Hill, Richard W., Larchmont, assignor to The Graduate School of Banking, New York, N. Y. Badge or similar article. 108,442; Feb. 15.
Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Table leg. 108,443; Feb. 15.
Howell Company, The. (See Hoffmann, Wolfgang, assignor.)
Huelat, John H., New York, N. Y. Textile fabric. 108,513; Feb. 15.
Huff, Joseph M., Oklahoma City, Okla. Traffic marker. 108,444; Feb. 15.
Hull, Addis E., Zanesville, Ohio. Mixing bowl or similar article. 108,445; Feb. 15.
Hurszeler, Alphons, New Rochelle, N. Y. Shoe. 108,479; Feb. 15.
International Corset Company. (See Laguzzi, Mario, assignor.)
Interstate Button Company. (See Rohde, Carlos J., assignor.)
Johnston, Harry S., Jr., assignor to The Robert A. Johnston Company, Milwaukee, Wis. Display stand. 108,446; Feb. 15.
Johnston, Robert A., Company, The. (See Johnston, Harry S., Jr., assignor.)
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Relish tray or similar article. 108,447; Feb. 15.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Tray or similar article. 108,448; Feb. 15.
King-Fuller Co. (See Fuller, Joe C., assignor.)
Knapp-Monarch Company. (See Chapman, David, assignor.)
Kohl, William R., Cumberland, assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 108,449; Feb. 15.
Kotsin, Adolph A., Chicago, Ill. Shoe. 108,496; Feb. 15.
Kueffer, E. H. (See Trautner, Wagn, assignor.)
Laguzzi, Mario, assignor to International Corset Company, Aurora, Ill. Combination corset and brassière. 108,514; Feb. 15.
Lavallee, Eugene V., assignor to Penn Electric Switch Co., Des Moines, Iowa. Gas valve or similar control structure. 108,450; Feb. 15.
Laven, Max. (See Finn, H. M., and Laven.)
Levin, David E., New York, N. Y. Shoe or similar article. 108,480; Feb. 15.
Lloyd, Philip G., Jackson Heights, N. Y., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 108,451; Feb. 15.
Manchan, Louis, Los Angeles, Calif. Interchangeable price sign. 108,452; Feb. 15.
Meyer, Pierre H., Mount Vernon, N. Y. Panel coupling and supporting clip for use in counter display. 108,497; Feb. 15.
Montgomery Ward & Co. (See Underwood, John A., assignor.)
Morton, Robert L., Los Angeles, Calif. Steering wheel knob. 108,453; Feb. 15.
Munson, Ralph O., assignor to Standard Oil Company, Chicago, Ill. Service station display case or the like. 108,454; Feb. 15.
Ontario Manufacturing Company. (See Downs, Marwood A., assignor.)
Oswald, John, Lansing, assignor to General Motors Corporation, Detroit, Mich. Radiator grille. 108,498; Feb. 15.
Owens-Illinois Can Company. (See Connor, Martha H., assignor.)
Parker, Ralph A., Melrose, assignor to Everlastik, Incorporated, Chelsea, Mass. Shoe. 108,481; Feb. 15.
Penn Electric Switch Co. (See Lavallee, Eugene V., assignor.)
Perfex Corporation. (See Hess, Clarence R. T., assignor.)
Poortinga, Fred E., Willmar, Minn., assignor to Redfield Brick & Tile Company, Redfield, Iowa. Building block or similar article. 108,455; Feb. 15.
Porcelain Products, Inc. (See Dalton, Rolland B., assignor.)
Ramsey, Warren A., Jersey City, N. J. Windshield defrosting device. 108,456; Feb. 15.
Redfield Brick & Tile Company. (See Poortinga, Fred E., assignor.)
Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 108,499; Feb. 15.
Rock-Ola Manufacturing Corporation. (See Rockola, David C., assignor.)
Rohde, Carlos J., assignor to Interstate Button Company, New York, N. Y. Display easel. 108,457; Feb. 15.
Shanser, Max, New York, N. Y. Shoe. 108,500; Feb. 15.
Shapiro, Samuel, New York, N. Y. Glove. 108,515; Feb. 15.
Silverman, Jacob A., New York, N. Y. Coat. 108,516; Feb. 15.
Sinko, John, Oak Park, Ill. Cigar lighter. 108,458; Feb. 15.
Smith, Marie E., New York, N. Y. Dress ensemble. 108,517; Feb. 15.
Spar, Jacob M., New York, N. Y. Dress. 108,518; Feb. 15.
Spar, Jacob M., New York, N. Y. Dress. 108,519; Feb. 15.
Standard Oil Company. (See Munson, Ralph O., assignor.)
Starr, Lillie B., New York, N. Y. Dress or similar article. 108,459; Feb. 15.
Stephens, George H., Glencoe, assignor to Hammond Instrument Company, Chicago, Ill. Clock. 108,482; Feb. 15.
Stevens, Clifford B., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Casing for a calorimetric device. 108,460; Feb. 15.
Stevens, William W., Dallas, Tex. Lunch counter unit or similar article. 108,501; Feb. 15.
Taylor Instrument Companies. (See Brown, H. Brainard, assignor.)
Teller, Max, New York, N. Y. Cape. 108,520; Feb. 15.
Teller, Max, New York, N. Y. Cape. 108,521; Feb. 15.
Trautner, Wagn, Springdale, Ohio, assignor to E. H. Kueffer, Oakland, Calif. Steering column switch casing. 108,502; Feb. 15.
Tuman, John, Mount Vernon, N. Y. Ensemble dress. 108,522; Feb. 15.
Tuman, John, Mount Vernon, N. Y. Dress ensemble. 108,523; Feb. 15.
Turpan, Mark, West New York, N. J. Textile fabric. 108,524; Feb. 15.
Turpan, Mark, West New York, N. J. Textile fabric. 108,525; Feb. 15.
Turpan, Mark, West New York, N. J.. Textile fabric. 108,526; Feb. 15.
Underwood, John A., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Laundry stove. 108,483; Feb. 15.
Underwood, John A., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Laundry stove. 108,484; Feb. 15.
United States Glass Company. (See Kelly, Robert A., assignor.)
United States Glass Company. (See Kelly, Robert A., assignor.)
Verrecchio, Gene, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Brooch pin or similar article. 108,461; Feb. 15.
Verrecchio, Gene, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Brooch pin or similar article. 108,462; Feb. 15.
Verrecchio, Gene, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Brooch pin or similar article. 108,463; Feb. 15.
Verrecchio, Gene, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Brooch pin or similar article. 108,464; Feb. 15.
Verrecchio, Gene, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Brooch pin or similar article. 108,465; Feb. 15.
Verrecchio, Gene, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Brooch pin or similar article. 108,466; Feb. 15.
Verrecchio, Gene, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Brooch pin or similar article. 108,467; Feb. 15.
Verrecchio, Gene, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Brooch pin or similar article. 108,468; Feb. 15.
Verrecchio, Gene, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Brooch pin or similar article. 108,469; Feb. 15.
Verrecchio, Gene, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Brooch pin or similar article. 108,470; Feb. 15.
Verrecchio, Gene, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y. Brooch pin or similar article. 108,471; Feb. 15.
Virgile, Gabriel, Long Beach, N. Y. Textile fabric or similar article. 108,527; Feb. 15.
Wagner, Mildred, New York, N. Y. Dress ensemble. 108,528; Feb. 15.
Wallace, Sadye E., New York, N. Y. Combination mirror, lipstick, and powder holder. 108,485; Feb. 15.
Ward, Robert V., Richmond Hill, N. Y. Scooter. 108,503; Feb. 15.
Weinstein, Philip, Brooklyn, N. Y. Shoe. 108,486; Feb. 15.
White, Murray, Brookline, Mass. Dress. 108,529; Feb. 15.
White, Murray, Brookline, Mass. Dress. 108,530; Feb. 15.
Wishbow, Nathan, New York, N. Y. Textile fabric. 108,531; Feb. 15.
Wood, John, Manufacturing Company. (See Bradley, Eric H., assignor.)
Wood, Orville T., assignor to Blake Manufacturing Corporation, Clinton, Mass. Flashlight. 108,472; Feb. 15.
Wright, Frank L., Spring Green, Wis. Chair. 108,473; Feb. 15.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 15TH DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abeles, Jerome, assignor to The Formfit Company, Chicago, Ill. Garment. 2,108,024; Feb. 15.
Abraham, Leonard G., Madison, N. J., assignor to the American Telephone and Telegraph Company. Two-way signaling system. 2,108,156; Feb. 15.
Accardi, Ferruccio, assignor to Fiat Società Anonima, Turin, Italy. Lock for automobile doors. 2,108,359; Feb. 15.
Acme Propeller Corporation. (See Farrell, Stephen A., assignor.)
Acuff, Henry C., Knoxville, Tenn. Electrical connecting device. 2,108,031; Feb. 15.
Adams, Elmer W. (See Brunstrum, L. C., and Adams.)
Adams, George R., Los Angeles, Calif. Door latch. 2,108,326; Feb. 15.
Abey, Ralph H., London, England. Apparatus for the electrodeposition of metals. 2,108,700; Feb. 15.
Agfa Ansco Corporation. (See Wendt, Bruno, assignor.)
Aiken, Charles B., New York, N. Y., and T. Durfee, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Shield for ignition plugs. 2,108,635; Feb. 15.
Aiken, Thomas M. G., Pittsburgh, Pa. Photographic apparatus. 2,108,246; Feb. 15.
Ainslie Knitting Machine Co. (See Broadwin, Sampson, assignor.)
Aktiebolaget Formator. (See Dahlström, E. R., and Granstedt, assignors.)
Alba Pharmaceutical Company. (See Domagk, Gerhard, assignor.)
Alden, L. Russel, executor. (See Washburn, Edward W.)
Alfter, Josef, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray tube. 2,108,573; Feb. 15.
Allan, William, Jr. (See Phillips, A. H., and Allan.)
Allen-Bradley Company. (See Wilms, Gustav O., assignor.)
Allen, Roy O., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Locking device. 2,108,032; Feb. 15.
Allen, William R., III, assignor to United American Bosch Corporation, Springfield, Mass. Mounting for tubular articles. 2,108,398; Feb. 15.
Allen, William R., III, assignor to United American Bosch Corporation, Springfield, Mass. Mounting device for tubular articles. 2,108,399; Feb. 15.
Allen, William W., Jacksonville, Fla. Twin-fan structure. 2,108,738; Feb. 15.
Allgemeine Elektricitats Gesellschaft. (See Meyer, Wilfred, assignor.)
Allgemeine Elektricitats Gesellschaft. (See Weigt, Paul, assignor.)
Allin, George S., Seattle, Wash., and T. P. Flynn, Portland, Oreg. Bulldozer. 2,108,466; Feb. 15.
Allyne, Edmund E., and W. J. Guzik, Cleveland, Ohio. Condenser unit. 2,108,360; Feb. 15.
Aluminum Company of America. (See Mason, Ralph B., assignor.)
Aluminum Company of America. (See Stroup, Philip T., assignor.)
Amberg, Walter E., assignor to F. M. Friedlob, Chicago, Ill. Mechanical seal. 2,108,701; Feb. 15.
American Can Company. (See Dirker, William S., assignor.)
American Can Company. (See Hothersall, John M., assignor.)
American Car and Foundry Company. (See Udstad, Sigvald F., assignor.)
American Car and Foundry Company. (See Walp, Charles F., assignor.)
American Concrete & Steel Pipe Company. (See French, Jay C., assignor.)
American Foundry Equipment Company, The. (See Minich, Verne E., assignor.)
American Hyalsol Corporation. (See Helft, Ernst, assignor.)
American Largi Corporation. (See Miedel, Hermann, assignor.)
American Machine & Metals, Inc. (See Thomsen, W. A. V., Gross, and Luci, assignors.)
American Metal Company, The. (See Eppensteiner, William F., assignor.)
American Safety Razor Corporation. (See O'Neill, Bernard, assignor.)
American Sales Book Company. (See Bovier, Archie M., assignor.)
American Sales Book Company. (See Phillips, S. H., and Allan, assignors.)
American Sales Book Company. (See Pringle, William A., assignor.)
American Sales Book Company. (See Wiswall, William J., assignor.)
American Sales Book Company Inc. (See Motsinger, John B., assignor.)
American Security and Trust Company. (See Washburn, Edward W., assignor.)
American Sheet and Tin Plate Company. (See McElhaney, J. R., and Stoker, assignors.)
American Sheet and Tin Plate Company. (See Paul, Irvin J., assignor.)
American Slicing Machine Company. (See Cooper, Frank H., assignor.)
American Steel and Wire Company of New Jersey, The. (See Parrish, Cecil C., assignor.)
American Steel and Wire Company of New Jersey, The. (See Swift, Joseph H., assignor.)
American Telephone and Telegraph Company. (See Abraham, Leonard G., assignor.)
American Telephone and Telegraph Company. (See Swart, Leland K., assignor.)
American Teletector Corporation. (See Kelly, Frederick G., Jr., assignor.)
American Zinc, Lead & Smelting Company. (See Monk, R. H., and Ross, assignors.)
Anderson, Arnold G. O., Coscob, Conn. Thumb tack. 2,108,739; Feb. 15.
Anheuser-Busch, Inc. (See Barsi, James E., assignor.)
Antonsen, Anker K., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Engine governor. 2,108,464; Feb. 15.
Apple, Bessie D. (See Cotterman, Frederick W., assignor.)
Archer, Samuel W. (See Ellis, R. C., and Archer.)
Armstrong Cork Company. (See Clark, Ralph R., assignor.)
Armstrong, Walter R., Sr., New Orleans, La. Signal device. 2,108,187; Feb. 15.
Asakawa, Yukichi, Tokyo, Japan. Apparatus for manufacturing luster-free rayon. 2,108,361; Feb. 15.
Ash, Thomas, Jr., Los Angeles, Calif. Gyratory airplane wing. 2,108,245; Feb. 15.
Ashley, Frank M., Great Kills, Staten Island, N. Y., assignor to L. Gompers, trustee. Pipe and pipe filter. 2,108,423; Feb. 15.
Associated Electric Laboratories, Inc. (See Saunders, Norman H., assignor.)
Atwell, Corbin S., St. Petersburg, Fla. Boat. 2,108,574; Feb. 15.
Atwell, Harold V., White Plains, N. Y., assignor to Standard Oil Company, Chicago, Ill. Propane treating in cracking systems. 2,108,636; Feb. 15.
Au, Carl H., Washington, D. C. Recorder. 2,108,037; Feb. 15.
Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Surge arrester. 2,108,465; Feb. 15.
Autogiro Company of America. (See Stanley, Paul H., assignor.)
Automatic Telephone & Electric Company Limited. (See Simpson, Lancelot M., assignor.)
Automatic Temperature Control Company. (See Macgeorge, William D., assignor.)
Babcock & Wilcox Company, The. (See Lucke, Charles E., assignor.)
Backhouse, Headley T., St. Johns Wood, London, England, Automatic sheet feeding machinery. 2,108,702; Feb. 15.
Backstrom, Adolph, Hempstead, N. Y. Brake mechanism. 2,108,467; Feb. 15.
Bahan, George F., Charlotte, N. C. Heddle bar locking system for heddle frames and the like. 2,108,095; Feb. 15.
Bair, Alfred J. (See Miller, Thomas T., assignor.)
Bakely, William T., Beverly, N. J. Textile frame. 2,108,424; Feb. 15.
Ball Brothers Company. (See Wadsworth, Frank L. O., assignor.)
Ball, Frederick O. and T. M., Detroit, Mich. Carburetor. 2,108,281; Feb. 15.
Ball, Thomas M. (See Ball, Frederick O. and T. M.)
Balmford, Joseph A., East Orange, N. J. Synchronizing alternating current motor. 2,108,038; Feb. 15.
Baltimore Paint and Color Works, Inc. (See Shuger, Leroy W., assignor.)
Bancroft Holdings Limited. (See Johns, Henry S., assignor.)
Bangs, Ralph C., Providence, R. I., assignor to L. K. Stupell. Ornament construction. 2,108,153; Feb. 15.
Barker-Bland, Harry, London, England. Cash register. 2,108,400; Feb. 15.

Barman, Waldemar J., Los Angeles, Calif. Air conduit. 2,108,159; Feb. 15.
Barnes Drill Co. (See Swanson, Floyd A., assignor.)
Barrett, Edward, Des Moines, Iowa. Package delivering apparatus. 2,108,302; Feb. 15.
Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,108,362; Feb. 15.
Baril, James E., Newark, N. J., assignor to Anheuser-Busch, Inc., St. Louis, Mo. Merchandise display apparatus. 2,108,096; Feb. 15.
Bartgis, Charles P., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing apparatus. 2,108,637; Feb. 15.
Barwood, Leon J., Cambridge, Mass. Lobster claw lock. 2,108,327; Feb. 15.
Bassett, Robert S., Buffalo, N. Y. Water meter. 2,108,425; Feb. 15.
Batchelder, Nelson A., Welland, Ontario, Canada. Yarn dyeing, dressing, and loom beaming. 2,108,188; Feb. 15.
Batchelder, Nelson A., Welland, Ontario, Canada. Sizing vat. 2,108,189; Feb. 15.
Batchelder, Nelson A., Welland, Ontario, Canada. Dyeing machine. 2,108,190; Feb. 15.
Baxter Laboratories, Inc. (See Falk, Harry N., assignor.)
Beall Improvements Company, The. (See Dempsey, Henry C., assignor.)
Beaudry, William A., Wallace, Idaho. Crushing mill. 2,108,160; Feb. 15.
Becher, Hubert L., Trenton, N. J., assignor to Homasote Company. Fire resistant pulp board. 2,108,761; Feb. 15.
Becker, Wilhelm, Cologne-Mulheim, and L. Orthner, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparation of high molecular sulphur containing plastics. 2,108,468; Feb. 15.
Beddow, Raymond, Toledo, Ohio. Safety device for automobiles. 2,108,303; Feb. 15.
Bedford, Alda V., Collingswood, and R. D. Kell, Haddonfield, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television transmitter. 2,108,097; Feb. 15.
Begg, Russell S., assignor to General Motors Corporation, Detroit, Mich. Underbody. 2,108,191; Feb. 15.
Begun, Semi, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhoff, Germany. Clutch mechanism for electromagnetic sound recording and reproducing devices. 2,108,426; Feb. 15.
Beiseman, John B. (See Schafer, R. A., Muhl, Opel, and Beiseman.)
Belford, Uriah, Golconda, Ill., assignor of one-half to C. Lightner. Engine. 2,108,740; Feb. 15.
Bell, Arthur R., assignor to Wm. H. Horn & Brother, Inc., Philadelphia, Pa. Truss. 2,108,521; Feb. 15.
Bell Telephone Laboratories, Incorporated. (See Aiken, C. B., and Durfee, assignors.)
Bell Telephone Laboratories, Incorporated. (See Bartgis, Charles P., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bieling, Carl A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Boardman, Edward M., assignor.)
Bellavance, Paul J., Attleboro, Mass. Bracelet and making the same. 2,108,247; Feb. 15.
Bendix Aviation Corporation. (See Nowosielski, Edward B., assignor.)
Benedict, Erwin E., assignor to The Brearley Company, Rockford, Ill. Bathroom scale. 2,108,575; Feb. 15.
Benedict, Reuben, East Orange, N. J. Wire screening applicator. 2,108,638; Feb. 15.
Bentley, Oliver D. H., Norfolk, assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Blower drive and support. 2,108,703; Feb. 15.
Berg, William A., Yakima, Wash. Control handle for car windows. 2,108,554; Feb. 15.
Berg, Willie. (See Humes, Guy B., assignor.)
Bergmann, Christian N., Pittsburgh, assignor of two-sixths to C. M. Clarke, Sewickley, Pa. Container conveyer and distributor. 2,108,522; Feb. 15.
Bergner, Nore E., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Feed for centrifugal separators. 2,108,098; Feb. 15.
Besson, Earl A., Meadville, Pa., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-seat fitting machine. 2,108,161; Feb. 15.
Bethlehem Foundry & Machine Company. (See Van Sciver, Josiah, H., assignor.)
Betner, Benjamin C., Ithan, Pa. Bag closure. 2,108,741; Feb. 15.
Betts, Gilbert A., assignor to The Universal Engraving & Colorplate Company, Incorporated, Buffalo, N. Y. Printing plate unit. 2,108,089; Feb. 15.
Bichowsky, Francis R., Ann Arbor, Mich. Conditioning air or gas. 2,108,248; Feb. 15.
Bickel, Frederic J., assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Brush. 2,108,742; Feb. 15.
Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Automatic heat control valve for internal combustion engines. 2,108,639; Feb. 15.
Bieling, Carl A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,108,640; Feb. 15.
Black, Sivalls & Bryson, Inc. (See Raymond, Gwynne, assignor.)
Bleuel, William H., Dormont, Pa., and S. Stock, Warren, Ohio. Hair clamp. 2,108,249; Feb. 15.
Blodgett, Katharine B., Schenectady, N. Y., assignor to General Electric Company. Surface treatment of materials. 2,108,641; Feb. 15.
Bluebdorn, Hartford, Conn., and F. K. Howard, East Falls Church, Va. Latch. 2,108,040; Feb. 15.
Boardman, Edward M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic device. 2,108,642; Feb. 15.
Bockmuhl, Max, G. Ehrhart, and H. Ruschig, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Sterine derivatives and preparing them. 2,108,646; Feb. 15.
Boeger, Henry F. (See Dreyer, Charles B., assignor.)
Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Preparation of alpha, beta unsaturated ketones. 2,108,427; Feb. 15.
Bohme Fettchemie-Gesellschaft. (See Wolf, B., Kling, and Rau, assignors.)
Bokemüller, Alfred, Gaggenau, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Scavenging two-stroke engine. 2,108,576; Feb. 15.
Bonat, Harry, New York, N. Y. Protector pad for permanent hair waving. 2,108,460; Feb. 15.
Borgen, Sigward L., Dallas, Wis. Putty retainer. 2,108,192; Feb. 15.
Boulton, Harold S., Chicago, Ill. Floor troweling machine. 2,108,470; Feb. 15.
Bovier, Archie M., Elmira, assignor to American Sales Book Company, Inc., Niagara Falls, N. Y. Composite traveler record fastener. 2,108,471; Feb. 15.
Bowman-Manifold, Michael, Worplesdon Station, assignor to Electric & Musical Industries Limited, Middlesex, England. Cathode ray tube. 2,108,523; Feb. 15.
Brackett, Tracy F., assignor to General Motors Corporation, Detroit, Mich. Sanding machine. 2,108,193; Feb. 15.
Bradley Washfountain Company. (See Mullett, Howard A., assignor.)
Brady, Myrl W., Tarentum, Pa. Axle housing and wheel alignment gauge. 2,108,743; Feb. 15.
Brandt, David G., Westfield, assignor to Power Patents Company, Hillside, N. J. Cracking gasoline. 2,108,762; Feb. 15.
Braner, Arthur J. (See Wagner, Frederick P., assignor.)
Brazell, John J., Baldwinsville, and C. A. Broman, Worcester, assignors to E. L. Thompson Chair Corporation, Baldwinsville, Mass. Tray fastening device. 2,108,472; Feb. 15.
Brearley Company, The. (See Benedict, Erwin E., assignor.)
Breslow, Albert I. (See Margrave, Charles B., assignor.)
Broadwin, Sampson, assignor to Ainslie Knitting Machine Co., Inc., Brooklyn, N. Y. Circular hand-knitting machine. 2,108,706; Feb. 15.
Brock, Willie W., assignor of one-half to P. W. Lusader, Winnfield, La. Clip. 2,108,473; Feb. 15.
Brodersen, Karl. (See Rieche, A., Brodersen, Quaedvlieg, and Maier-Bode.)
Brodsky, Frank, New York, N. Y. Loose-leaf sheet. 2,108,363; Feb. 15.
Broese, Johannes Jan., Delft, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Cooled atomiser for solid injection engines. 2,108,647; Feb. 15.
Brooks, Josiah A., Port Washington, N. Y. Device for indicating direction of movement. 2,108,099; Feb. 15.
Brosnan, Cornelius A. (See Brasell, J. J., and Broseman.)
Brough, Frank W., Chiswick, London, assignor to Electric & Musical Industries Limited, Hayes, England. Treatment of mica for electrical purposes. 2,108,577; Feb. 15.
Brown, Andrew, R. H. Dunn, and D. G. McKie, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Electric switch, particularly for use in control of railway signals. 2,108,428; Feb. 15.
Brown & Bigelow. (See Winford, Orion P., assignor.)
Brown, William T., assignor to Fibre Processing Limited, Wellington, New Zealand. Apparatus for the treatment of fibers. 2,108,578; Feb. 15.
Browning, J. M. & M. S. Company. (See Browning, Val A., assignor.)
Browning, Val A., assignor to J. M. & M. S. Browning Company, Ogden, Utah. Repeating firearm. 2,108,648; Feb. 15.
Brun, Arne, and J. A. Honne, assignors to I. A. Honne, Oslo, Norway. Device for threading the needle in sewing machines. 2,108,474; Feb. 15.
Brunstrum, Lawrence C., assignor to Standard Oil Company, Chicago, Ill. Grease. 2,108,644; Feb. 15.
Brunstrum, Lawrence C., Chicago, Ill., and E. W. Adams, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Grease. 2,108,643; Feb. 15.
Bryant, Robert C., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Manufacture of flexible abrasive articles. 2,108,645; Feb. 15.
Buccicone, Dario, Gary, Ind. Sheet guide. 2,108,364; Feb. 15.

Büchi, Alfred, Winterthur, Switzerland. Slide valve controlled four-stroke cycle internal combustion engine. 2,108,365; Feb. 15.
Buckeye Steel Castings Company, The. (See Larsen, Lacob C., assignor.)
Bucyrus-Erie Company. (See Mork, George W., assignor.)
Buono, Mario, Brooklyn, assignor to U. S. Blind Stitch Machine Corporation, New York, N. Y. Sewing machine. 2,108,100; Feb. 15.
Buono, Mario, Brooklyn, assignor to U. S. Blind Stitch Machine Corporation, New York, N. Y. Sewing. 2,108,101; Feb. 15.
Burr, Lynton, Hampton, Va. Fishing line. 2,108,598; Feb. 15.
Burt, F. N., Company, Inc. (See Royal, Joseph N., assignor.)
Burton, Robert B., assignor to General Motors Corporation, Detroit, Mich. Combined shock absorber and antiroll device. 2,108,594; Feb. 15.
Busch, Ira C., Lebanon, N. J. Poultry feeder. 2,108,102; Feb. 15.
Bustamante, Cesar, New York, N. Y. Cigar-wrapping machine. 2,108,429; Feb. 15.
Butcher, William L., Decorah, Iowa. Rope making machine. 2,108,704; Feb. 15.
Cage, John M., Los Angeles, Calif., assignor, by mesne assignments, to Petroleum Rectifying Company of California. Dehydration system. 2,108,220; Feb. 15.
Calderwood, Allan H., Martinez, Calif., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,108,649; Feb. 15.
Cambridge Rubber Co. (See Dunbar, Ernest W., assignor.)
Campbell, Donald J., and L. P. Loudon, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Bleaching beeswax. 2,108,282; Feb. 15.
Carbide and Carbon Chemicals Corporation. (See Boese, Albert B., Jr., assignor.)
Carborundum Company, The. (See Bryant, Robert C., assignor.)
Carborundum Company, The. (See Walker, Avery W., assignor.)
Carington, Charles M., and A. H. Postlethwaite, assignors to K. L. G. Sparking Plugs Limited, London, England. Sparking plug. 2,108,535; Feb. 15.
Carmody, William H., Pittsburgh, Pa., assignor to The Neville Company. Hydrogenated heavy oil. 2,108,250; Feb. 15.
Carnahan, Ralph W., near Dayton, assignor to The S. H. Thomson Manufacturing Company, Dayton, Ohio. Automatic operator for casement windows and the like. 2,108,328; Feb. 15.
Carswell, Thomas S., Kirkwood, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Cleaning fruits and vegetables. 2,108,763; Feb. 15.
Carter, Burton D., Aberdeen, S. Dak. Tire casing and rim. 2,108,329; Feb. 15.
Carter Carburetor Corporation. (See Bicknell, George M., assignor.)
Carter, Willard K. (See McKinley, J. M., and Carter.)
Casey, Edward F., assignor to Converse Rubber Company, Malden, Mass. Overshoe. 2,108,650; Feb. 15.
Cassagne, Georges R., Cassaux, France. Device for transmitting motion. 2,108,366; Feb. 15.
Catherwood, Herbert C., Hagersville, Ontario, Canada. Tally keeper. 2,108,103; Feb. 15.
Celanese Corporation of America. (See Dickie, W. A., and Hale, assignors.)
Celanese Corporation of America. (See Hale, Frank C., assignor.)
Celanese Corporation of America. (See Hale, F. C., and Yorke, assignors.)
Ceramic Machinery Distributors Limited. (See Shurley, Frederick, assignor.)
Chamberlain Co. (See Kennedy, John J., assignor.)
Chase Companies, The. (See Reichenbach, Howard F., assignor.)
Chase-Shawmut Company, The. (See Taylor, Elmer H., assignor.)
Cherry, George L., Western Springs, and V. H. Dupre, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Coin chute. 2,108,651; Feb. 15.
Chicago Carton Company. (See Hayes, Charles C., assignor.)
Chicago Flexible Shaft Company. (See Lynch, John W., assignor.)
Chisholm-Ryder Company. (See Ryder, Frank P., assignor.)
Choate, Roy E., W. E. Roller and W. I. Leach, assignors to La Plant-Choate Manufacturing Co. Inc., Cedar Rapids, Iowa. Earth moving device. 2,108,304; Feb. 15.
Christian, Joseph D., San Francisco, Calif. Speed change device. 2,108,367; Feb. 15.
Christian, Joseph D., San Francisco, Calif. Speed change device. 2,108,368; Feb. 15.
Chrysler Corporation. (See Rosalot, Andre J. E., assignor.)
Chrysler Corporation. (See Wheat, Thomas E. M., assignor.)
Church, Harold D., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Piston. 2,108,194; Feb. 15.
Cincinnati Bickford Tool Company, The. (See Schauer, L. L., and McKewen, assignors.)
Clark, Cuyler L., Baltimore, Md. Curvilinear measuring instrument. 2,108,251; Feb. 15.
Clark, Frank C., Minneapolis, Minn. Butter churn. 2,108,162; Feb. 15.
Clark, Ralph B., assignor to Armstrong Cork Company, Lancaster, Pa. Centrifugal feeding device. 2,108,165; Feb. 15.
Clarke, Charles M. (See Bergmann, Christian N., assignor.)
Cleveland Welding Company, The. (See Mueller, Homer L., assignor.)
Clifford, Charles C., Maplewood, N. J. Memorandum holder. 2,108,526; Feb. 15.
Coanda, Henri, Clichy, France, assignor to Société Anonyme d'Etudes des Brevets et Procédés Coanda-Société Coanda. Propelling device. 2,108,652; Feb. 15.
Coe, Mayne R., Washington, D. C., assignor to the Government and the People of the United States of America. Curing and preserving plant products. 2,108,305; Feb. 15.
Collins & Aikman Corporation. (See Drobile, Albert W., assignor.)
Collins & Aikman Corporation. (See Kubicky, Joseph, assignor.)
Collins, Douglas, Salisbury, N. C. Engine starting device. 2,108,579; Feb. 15.
Coloray Corporation, The. (See MacDonald, Archibald H., assignor.)
Colvin, Ella F., et al., executrices. (See Colvin, William, Jr.)
Colvin, William, Jr., deceased, Troy, E. F. Colvin and R. E. Sharpe, executrices, assignors to P. Gayne, New York, N. Y. Aeroplane. 2,108,041; Feb. 15.
Combustion Engineering Company. (See O'Mara, Richard F., assignor.)
Compo Shoe Machinery Corporation. (See Small, Edward F., assignor.)
Compton, W. H., Shear Company, The. (See Dalley, Charles J., assignor.)
Comrie, Andrew W., Miami, Fla. Navigational instrument. 2,108,042; Feb. 15.
Condon, Edward T. (See Rogers, Clarence T., assignor.)
Consolidated Aircraft Corporation. (See Laddon, Isaac M., assignor.)
Converse Rubber Company. (See Casey Edward F., assignor.)
Cookson, Clarence F., Lyndhurst, N. J. Amusement device. 2,108,490; Feb. 15.
Cooper, Barclay B. W., Oklahoma City, Okla. Hot air furnace. 2,108,083; Feb. 15.
Cooper, Frank H., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 2,108,306; Feb. 15.
Cooper, George W., assignor of one-fourth to F. H. Hill and one-fourth to W. Miller, Muncie, Ind. Clutch sleeve spring tool. 2,108,252; Feb. 15.
Cooper, Leonard W., assignor to The Cooper Spot-Sight Co. Inc., La Grande, Ore. Combined firearm and spotlight. 2,108,475; Feb. 15.
Cooper Spot-Sight Co. Inc., The. (See Cooper, Leonard W., assignor.)
Copeland, Francis C., Beverly Hills, Calif. Cigarette lighting and dispensing device. 2,108,376; Feb. 15.
Cordrey, Almon J., assignor to Liquid Carbonic Corporation, Chicago, Ill. Milk truck. 2,108,104; Feb. 15.
Cornell Securities Corporation. (See Lockhart, William, assignor.)
Cornwall, Edward F., Union Township, Union County, N. J. Opener for containers. 2,108,431; Feb. 15.
Cornwell, Leroy, assignor of one-half to P. H. Hull, C. H. Rodell, and R. F. Stewart, Spokane, Wash. Hydraulic braking system. 2,108,164; Feb. 15.
Cottenman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Automatic automotive transmission mechanism. 2,108,105; Feb. 15.
Couch, Glenn F., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,108,653; Feb. 15.
Crawford, John W. C., and J. McGrath, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Plastic materials and production thereof. 2,108,044; Feb. 15.
Crichton, James V., assignor of one-half to K. Selberg, Philadelphia, Pa. Wheel brake mechanism. 2,108,401; Feb. 15.
Criley, William W., Cleveland, Ohio. Combination safety slip and drive mechanism. 2,108,165; Feb. 15.
Crillon, Marcel V., Marseille, France. Cylinder head for internal combustion engines, for the prevaporisation of light fuel and for cracking of heavy oils. 2,108,706; Feb. 15.
Crist, Donald M., San Francisco, Calif., assignor to Titanium Steel Alloy Company. Making steel and iron alloys. 2,108,043; Feb. 15.
Crosley, Lewis M., and R. H. Money, assignors to The Crosley Radio Corporation, Cincinnati, Ohio. Diaphragm type evaporator. 2,108,744; Feb. 15.
Crosley Radio Corporation, The. (See Crosley, L. M., and Money, assignors.)

Crosley Radio Corporation, The. (See Kierulff, William E., assignor.)
Crow, Raymond L., Lawrence, Kans. Drill hole cleaning device. 2,108,195; Feb. 15.
Crown Cork & Seal Company. (See Earling, Roy, assignor.)
Cudmore, Arthur H., Salem, Mass. Folding cribbage board. 2,108,527; Feb. 15.
Cutler-Hammer, Inc. (See Horter, Bayard M., assignor.)
Cyclone Fence Company. (See Harter, Noah S., assignor.)
Cykajlo, Peter, assignor of one-half to H. L. Goemann, Mansfield, Ohio. Uniting metals. 2,108,528; Feb. 15.
Czarnecki, Walter, assignor, by mesne assignments, to Eddington Metal Specialty Co., Eddington, Pa. Strainer, pump, and pressure regulating unit. 2,108,432; Feb. 15.
Dahlberg, Tord O. R., Stockholm, Sweden. Calculating machine differential mechanism. 2,108,476; Feb. 15.
Dahlström, Ernst R., Alsten, and K. E. Granstedt, Stockholm, assignors to Aktiebolaget Formator, Sweden. Method and device for distributing tobacco mass. 2,108,269; Feb. 15.
Daimler-Benz Aktiengesellschaft. (See Bokemüller, Alfred, assignor.)
Dain Manufacturing Company of Iowa. (See Jones, Frank D., assignor.)
Dalcher, John T., Lawrence Harbor, N. J. Fuse plug. 2,108,106; Feb. 15.
Dalley, Charles J., Maplewood, assignor to The W. H. Compton Shear Company, Newark, N. J. Nut lock for shears and the like. 2,108,654; Feb. 15.
Dâna, Bernard D. (See von Hofe, G. W., and Dâna.)
Danner, Catherine, et al., executors. (See Lederer, Anton.)
Da Valle, Conrad, Oakland, Calif. Trailer coupler. 2,108,307; Feb. 15.
Davies, Harrison, The Plains, Ohio. Bracket. 2,108,196; Feb. 15.
Deere & Company. (See Silver, Walter H., assignor.)
Deere, John, Tractor Company. (See Paul, Talbert W., assignor.)
De Gheselle, Frank, East Moline, Ill. Refrigerator handling and moving device. 2,108,477; Feb. 15.
De Lanty, Loren J. (See Drake, H. C., and De Lanty.)
De Laval Separator Company, The. (See Bergner, Nore E., assignor.)
Delta Manufacturing Company. (See Tauts, Herbert E., assignor.)
Dempsey, Henry C., assignor to The Beall Improvements Company, Inc., Decatur, Ill. Degerminator. 2,108,655; Feb. 15.
Dennin, William W., Albany, N. Y. Coin controlled garment checking apparatus. 2,108,402; Feb. 15.
De Noronha, Joaquin, Rio de Janeiro, Brazil. Overshoe or galosh. 2,108,656; Feb. 15.
Dense, John C., Rochester, N. Y. Die shoe. 2,108,253; Feb. 15.
Deringer, Hans, Winterthur, Switzerland, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Gas producer. 2,108,764; Feb. 15.
Devaney, Michael J., Chicago, Ill. Producing steel. 2,108,254; Feb. 15.
Devendor, John A., and W. A. Devendor, Jackson Heights, N. Y. Button. 2,108,255; Feb. 15.
Devendor, William A. (See Devendor, John A. and W. A.)
De Wees, Russell J., Dallas, Tex. Anchoring structural elements to concrete supporting bodies. 2,108,107; Feb. 15.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,108,657; Feb. 15.
Diamond Match Company, The. (See Nolan, John R., assignor.)
Diamond Match Company, The. (See Wright, Charles F., assignor.)
Diamond Match Company, The. (See Zomnir, Joseph E., assignor.)
Dick, A. B., Company. (See Pollard, Walter, assignor.)
Dickey, Margaret, Portland, Oreg. Adjustable garment sizer and stretcher. 2,108,308; Feb. 15.
Dickie, William A., and F. C. Hale, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom. 2,108,108; Feb. 15.
Dirker, William S., Portland, Oreg., assignor to American Can Company, New York, N. Y. Container. 2,108,045; Feb. 15.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. House car construction. 2,108,309; Feb. 15.
Dixon, Reginald G. (See Patterson, W. G., and Dixon.)
Dodd, Victor J., Kalannie, West Australia, Australia. Adjustable control lever. 2,108,745; Dec. 15.
Domagk, Gerhard, Wuppertal-Elberfeld, Germany, assignor, by mesne assignments, to Alba Pharmaceutical Company, Inc., New York, N. Y. Preserving and disinfecting media. 2,108,765; Feb. 15.
Doyle, Edgar D., and G. A. Perley, assignors to Leeds & Northrup Company, Philadelphia, Pa. Method and apparatus for measuring ion-concentration. 2,108,294; Feb. 15.
Drake, Harcourt C. (See Jones, G. L., Drake, and Schumacher.)
Drake, Harcourt C., Hempstead, and L. J. De Lanty, assignors to Sperry Products, Inc., Brooklyn, N. Y. Lubricant testing device. 2,108,580; Feb. 15.
Dravo Corporation. (See Edwards, Vere B., assignor.)
Drew, Ralph L., North Plymouth, and S. A. Reed, Duxbury, assignors to Plymouth Cordage Company, North Plymouth, Mass. Air conditioning device. 2,108,283; Feb. 15.
Dreyer, Charles B., assignor of one-half to H. F. Boeger, Los Angeles, Calif. Producing photographic effects and films therefor. 2,108,284; Feb. 15.
Dreyfus, Henry, London, England. Manufacture of organic compounds. 2,108,109; Feb. 15.
Drobile, Albert W., Wayne, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Pile fabric and making the same. 2,108,046; Feb. 15.
Duffy, Walter J., North Bergen, N. J. Electrical outlet. 2,108,581; Feb. 15.
Dunbar, Ernest W., Hudson, assignor to Cambridge Rubber Co., Cambridge, Mass. Rubber overshoe. 2,108,658; Feb. 15.
Dunham, George S., Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for distillation. 2,108,659; Feb. 15.
Dunham, Henry V., Bainbridge, N. Y. Casein product and process of making. 2,108,582; Feb. 15.
Dunn, Roland H. (See Brown, A., Dunn, and McKie.)
Dunsheath, Percy, Kent, assignor to W. T. Henley's Telegraph Works Company Limited, London, England. Metal extrusion device. 2,108,529; Feb. 15.
Dupelesis, René B., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,108,106; Feb. 15.
Du Pont, E. I., de Nemours & Company. (See Campbell, D. J., and London, assignors.)
Du Pont, E. I., de Nemours & Company. (See McCall, Francis J., assignor.)
Du Pont, E. I., de Nemours & Company. (See McVay, Willard S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Scott, N. D., and Walker, assignors.)
Du Pont, E. I., de Nemours & Company. (See Walker, Joseph F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wortz, Charles G., assignor.)
Dupre, Valentine H. (See Cherry, G. L., and Dupre.)
Durfee, Thomas. (See Aiken, C. B., and Durfee.)
Du Sang, Virgil L., Kokomo, Ind. Hub cap and dust cap puller. 2,108,197; Feb. 15.
Dym, Joseph B., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Breathing apparatus. 2,108,256; Feb. 15.
Eagle-Picher Lead Company, The. (See Harner, H. R., Schultz, and Ritchie, assignors.)
Eaker, Sidney C., and E. E. Grover, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,108,478; Feb. 15.
Earling, Roy, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Detector mechanism for crown cap assembling machines. 2,108,257; Feb. 15.
Eastman Kodak Company. (See Hamer, Frances M., assignor.)
Eastman Kodak Company. (See Hamer, F. M., and Fisher, assignors.)
Eastman Kodak Company. (See Mannes, L. D., and Godowsky, assignors.)
Eastman Kodak Company. (See Murray, Alexander, assignor.)
Eastman Kodak Company. (See Smith, Henry B., assignor.)
Eastman Kodak Company. (See Stone, H. G., and Malm, assignors.)
Eastern Illinois Clay Company. (See Van Antwerp, Arthur C., assignor.)
Eastwood, Robert A. (See Johnson, E. W., and Eastwood.)
Eddington Metal Specialty Co. (See Czarnecki, Walter, assignor.)
Edwards, Henry J., Dartford, assignor to Siemens Brothers & Company Limited, London, England. Automatic switch for use in telephone or like systems. 2,108,110; Feb. 15.
Edwards, Russell T., assignor to Union Special Machine Company, Chicago, Ill. Fabric manipulating mechanism for sewing machines. 2,108,403; Feb. 15.
Edwards, Vere B., Corapolis, Pa., assignor to Dravo Corporation. Fleet testing dynamometer. 2,108,433; Feb. 15.
Egeberg, Birger, Meriden, Conn., and R. W. Tindula, Buffalo, N. Y., assignors to International Silver Company, Meriden, Conn. Nontarnish alloy. 2,108,047; Feb. 15.
Egeberg, Birger, Meriden, Conn., and R. W. Tindula, Buffalo, N. Y., assignors to International Silver Company, Meriden, Conn. Alloy. 2,108,048; Feb. 15.
Egeberg, Birger, Meriden, Conn., and R. W. Tindula, Buffalo, N. Y., assignors to International Silver Company, Meriden, Conn. Nontarnish alloys. 2,108,049; Feb. 15.
Egeberg, Birger, Meriden, Conn., and R. W. Tindula, Buffalo, N. Y., assignors to International Silver Company, Meriden, Conn. Alloys. 2,108,050; Feb. 15.
Egeberg, Birger, and R. W. Tindula, assignors to International Silver Company, Meriden, Conn. Nontarnish alloy. 2,108,051; Feb. 15.

Egger, Walter, Pekin, Ill. Window curtain tie-back. 2,108,198; Feb. 15.
Egry Register Company, The. (See Pfeiffer, William C. and F. E., assignors.)
Ehrhart, Gustav. (See Bockmühl, M., Ehrhart, and Ruschig.)
Ehrlich, Emile E., Tampa, Fla. Retriever for electric cords. 2,108,111; Feb. 15.
Elane, Halvor O., Washington Island, Wis. Grasshopper trap. 2,108,599; Feb. 15.
Elbert, Fritz, Munich, Germany, assignor to R. Wolff, Basel, Switzerland. Escapement. 2,108,112; Feb. 15.
Eichholz, William. (See Leutwiler, R. W., and Eichholz.)
Eickemeyer, Rudolf. (See Scholler, H., and Eickemeyer.)
Eisenmann, Karl, Ludwigshafen-on-the-Rhine, and H. Scheuermann, Oggersheim, Germany, assignors, by mesne assignments, to Plaskon Company, Incorporated, Toledo, Ohio. Producing condensation products of methylol compounds of urea. 2,108,113; Feb. 15.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Ink drying means for stock quotation projecting machines. 2,108,052; Feb. 15.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Broad tape projector. 2,108,053; Feb. 15.
Eitzen, August D., Rockville Centre, assignors to News Projection Corporation, New York, N. Y. Stock quotation projecting machine. 2,108,054; Feb. 15.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Optical system. 2,108,055; Feb. 15.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. News projecting machine. 2,108,056; Feb. 15.
Electric Household Utilities Corporation. (See Molinare, Anthony W., assignor.)
Electric & Musical Industries Limited. (See Bowman-Manifold, Michael, assignor.)
Electric & Musical Industries Limited. (See Brough, Frank W., assignor.)
Electronics Supply Corp. (See Stringer, Louis C., assignor.)
Ellis, James T., Lake Charles, La. Pipe cutter. 2,108,230; Feb. 15.
Ellis, Ray C., and S. W. Archer, assignors to General Motors Corporation, Detroit, Mich. Radio static eliminator. 2,108,530; Feb. 15.
Elmendorf, Armin, Chicago, Ill. Nonshrinkable wood panel. 2,108,479; Feb. 15.
Elmes, John A., assignor to Keystone Driller Company, Beaver Falls, Pa. Tool guide for drilling machines. 2,108,057; Feb. 15.
Emerson Apparatus Company. (See Thompson, R. E., Emerson, and Jansson.)
Emerson, Charles J. (See Thompson, R. E., Emerson, and Jansson.)
Eppensteiner, William F., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Apparatus for sweating out fusible metals. 2,108,034; Feb. 15.
Erichsen, Abraham M., Teltow, near Berlin, Germany. Safety device for machine parts subject to high pressures. 2,108,746; Feb. 15.
Ernst, Otto, Larchmont, N. Y. Highway marker. 2,108,370; Feb. 15.
Evans Case Company. (See Gibson, Thomas M., assignor.)
Evans Case Company. (See Reilly, Alfred F., assignor.)
Evans, Ronald K. (See Stief, K., and Evans.)
Fairbanks, Morse & Co. (See Antonsen, Anker K., assignor.)
Fairway Real Estate Company, The. (See Phillips, Charles H., assignor.)
Falk, Harry N., Chicago, assignor to Baxter Laboratories, Inc., Glenview, Ill. Container. 2,108,583; Feb. 15.
Fantle, Willard E. (See Rentz, Frank B., assignor.)
Farrell, Stephen A., Brooklyn, assignor to Acme Propeller Corporation, New York, N. Y. Variable pitch and reversing propeller mechanism. 2,108,660 Feb. 15.
Farrier, Louis H., and R. H. Harlis, Poughkeepsie, N. Y. Apparatus for purifying and aging liquor. 2,108,661; Feb. 15.
Fer-O-Con Corporation. (See Kotrbaty, Guy F., assignor.)
Fiat Società Anonima. (See Accardi, Ferruccio, assignor.)
Fibre Processing Limited. (See Brown, William T., assignor.)
Fischer, Fritz, Berlin-Charlottenburg, and L. Reilstab, Berlin-Nikolassee, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Distance measuring means and method. 2,108,766; Feb. 15.
Fisher, Alec, Lynn, Mass., assignor to General Electric Company. Inductor dynamo-electric machine. 2,108,662; Feb. 15.
Fisher, Harmon F., Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Electric dehydrator. 2,108,358; Feb. 15.
Fisher, Nellie L. (See Hamer, F. M., and Fisher.)
Fitz Gerald, Alan S., Wynnewood, assignor of one-half to F. H. Fleer Corporation, Philadelphia, Pa. Paper registering system. 2,108,767; Feb. 15.
Fitzner, Alexander. (See White, J. H., and Fitzner.)
Flanders, William E., Detroit, Mich. Portable seat. 2,108,531; Feb. 15.
Fleer, Frank H., Corporation. (See Fitz Gerald, Alan S., assignors.)
Fleischhack, Friedrich K., Leipsig, Germany. Mechanical process for making ready impressions. 2,108,707; Feb. 15.
Flynn, Theodore P. (See Allin, G. S., and Flynn.)
Foard, William G., Jr., Kalamazoo, Mich. Hooding, filling, and capping milk bottles. 2,108,114; Feb. 15.
Folkers, Herman, Omaha, Nebr. Electrode for windmill generators. 2,108,663; Feb. 15.
Food Machinery Corporation. (See Morse, James W., assignor.)
Food Machinery Corporation. (See Paxton, Hale, assignor.)
Food Machinery Corporation. (See Twomley, Herbert E., assignor.)
Formfit Company, The. (See Abeles, Jerome, assignor.)
Forrest, Henry C., Merchantville, N. J. Method and apparatus for making and treating artificial fiber. 2,108,285; Feb. 15.
Forsberg, Carl D., Winnetka, Ill. Trouser hanger. 2,108,555; Feb. 15.
Foss, Levi, Wilmot, S. Dak. Hand duplicator. 2,108,115; Feb. 15.
Foster, Herbert K., Riverside, N. J. Electrical connecter. 2,108,706; Feb. 15.
Foster, Wade H., Bad Axe, Mich. Hive handling apparatus. 2,108,430; Feb. 15.
Foster, Wheeler, Corporation. (See Nelis, Joseph J., assignor.)
Fowler, John, & Company (Leeds) Limited. (See Sanders, Arthur F., assignor.)
Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for winding material. 2,108,664; Feb. 15.
Frayer, Lee A., Kent, assignor to The Lamson & Sessions Company, Cleveland, Ohio. Apparatus for making bolts or the like. 2,108,709; Feb. 15.
Frelin, Fritjof, Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Cooling device for pistons. 2,108,532; Feb. 15.
French, Jay C., San Gabciel, Calif., assignor to American Concrete & Steel Pipe Company. Water ring for concrete pipe forms. 2,108,571; Feb. 15.
Friedlich, Fred M. (See Amberg, Walter R., assignor.)
Friedmann, Alex. (See Nemetz, Gustav, assignor.)
Fuehrer, George H., Phillipsburg, and G. W. Hollmer, Stewartsville, assignors to Ingersoll-Rand Company, Jersey City, N. J. Centraliser for drill steels. 2,108,035; Feb. 15.
Fujii, Masakichi, Nippori Machi, Arakawa Ku, Tokyo, Japan. Operating mechanism of vehicular toys. 2,108,434; Feb. 15.
Fulpa, Robert L., Waco, Tex. Seam opener and turner for pants. 2,108,372; Feb. 15.
Fulton Company, The. (See Thorp, Joel R., assignor.)
Furminger, Henry S., Appleton, Wis. Paper making machine. 2,108,116; Feb. 15.
Galvin Manufacturing Corporation. (See Mitchell, Donald H., assignor.)
Gardere, Henri, and A. P. Pagès, Paris, France, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Signaling system. 2,108,117; Feb. 15.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drilling mechanism. 2,108,058; Feb. 15.
Gates Rubber Company, The. (See Turman, Gardner W., assignor.)
Gayna, Paul. (See Colvin, William, Jr., assignor.)
General Aniline Works, Inc. (See Honold, R., and Taube, assignors.)
General Aniline Works, Inc. (See Müller, F., Scherer, and Schumacher, assignors.)
General Aniline Works, Inc. (See Ritter, Heinrich, assignor.)
General Aniline Works, Inc. (See Scheyer, H., and Schwamberger, assignors.)
General Chemical Company. (See Hoddeson, S. L., and Meiklejohn, assignors.)
General Chemical Company. (See Mullen, Edwin J., assignor.)
General Electric Company. (See Blodgett, Katharine B., assignor.)
General Electric Company. (See Fisher, Alec, assignor.)
General Electric Company. (See Kjolseth, Ole K., assignor.)
General Electric Company. (See Roech, A., and Neumann, assignors.)
General Electric Company. (See Schaefer, Vincent J., assignor.)
General Electric Company. (See Stöber, Wolfgang, assignor.)
General Electric Company. (See Sykes, C., and Needham, assignors.)
General Electric Company. (See Thearle, Ernest L., assignor.)
General Electric Company. (See Weston, Frederick H., assignor.)
General Electric Company. (See Wiegand, K., and Görits, assignors.)
General Motors Corporation. (See Begg, Russell S., assignor.)

General Motors Corporation. (See Brackett, Tracy F., assignor.)
General Motors Corporation. (See Burton, Robert B., assignor.)
General Motors Corporation. (See Church, Harold D., assignor.)
General Motors Corporation. (See Ellis, R. C., and Archer, assignors.)
General Motors Corporation. (See Nyland, Edward R., assignor.)
General Motors Corporation. (See Stief, K., and Evans, assignor.)
General Motors Corporation. (See Summers, Caleb E., assignor.)
General Motors Corporation. (See Weiher, George F., assignor.)
General Shaver Corporation. (See Landsiedel, Harry, assignor.)
General Sho Card Machine Company. (See Kline, Seth Q., assignor.)
General Tire & Rubber Company, The. (See Kraft, Herman T., assignor.)
Geometric Tool Company, The. (See Strickland, Royce M., assignor.)
Gerber, Sidney, Seattle, Wash. Ski binding. 2,108,167; Feb. 15.
Gerety, Edward J., Bronx, N. Y., assignor to The McBee Company, Athens, Ohio. Writing board. 2,108,481; Feb. 15.
Gibson, Thomas M., assignor to Evans Case Company, North Attleboro, Mass. Vanity case construction. 2,108,665; Feb. 15.
Gilbert, Alfred G., South Acton, assignor to Reece Folding Machine Company, Boston, Mass. Folding machine. 2,108,199; Feb. 15.
Glasser, Rudolph W., Chicago, Ill. Frictional motion controlling element. 2,108,060; Feb. 15.
Gleason Works. (See Wildhaber, Ernest, assignor.)
Gleockler, Albert. (See Gleockler, Frederick S., A., and F. M.)
Gleockler, Frederick S., A., and F. M., Camden County, N. J. Automatic motor fuel control. 2,108,710; Feb. 15.
Gleockler, Frederick M. (See Gleockler, Frederick S., A., and F. M.)
Glover, William G., London, England. Launching and housing of aircraft. 2,108,747; Feb. 15.
Gluth, Robert, and W. Kellermann, Nuremberg, Germany; said Gluth assignor to said Kellermann. Toy vehicle. 2,108,564; Feb. 15.
Godley, Charles E., Ferndale, assignor to United Lens Corporation, Detroit, Mich. Lamp construction. 2,108,286; Feb. 15.
Godowsky, Leopold, Jr. (See Mannes, L. D., and Godowsky.)
Goemann, Henry L. (See Cykajlo, Peter, assignor.)
Gompers, Lewis, trustee. (See Ashley, Frank M., assignor.)
Göritz, Friedrich. (See Wiegand, K., and Göritz.)
Gould, Jay H., Royal Oak, assignor to Oakes Products Corporation, Detroit, Mich. Bumper guard. 2,108,119; Feb. 15.
Government and People of the United States of America, The. (See Coe, Mayne R., assignor.)
Gowell, Paul A., New York, N. Y. Adjustable furniture tread. 2,108,036; Feb. 15.
Grancell, Isaac H. (See Kirk, M. P., and Grancell.)
Granstedt, Karl E. (See Dahlström, E. R., and Granstedt.)
Graves, John R., Bergenfield, N. J. Handwheel. 2,108,421; Feb. 15.
Green, Samuel G. Gray, Ga. Back plate latch for machine guns. 2,108,060; Feb. 15.
Greenawalt, William E., Denver, Colo. Metallurgical furnace. 2,108,118; Feb. 15.
Greene, Otto W., Elyria, Ohio, assignor to The Pfaudler Co., Rochester, N. Y. Fluid processing apparatus. 2,108,482; Feb. 15.
Grenlich, Gerald G., Mount Lebanon, Pa. Welded structural member. 2,108,373; Feb. 15.
Griffing, Herbert J., assignor to Norton Company, Worcester, Mass. Roll grinding machine. 2,108,310; Feb. 15.
Grondahl, Lars O., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvalve, Pa. Railway signaling apparatus. 2,108,483; Feb. 15.
Gross, Carl G. (See Thomsen, W. A. V., Gross, and Lael.)
Grover, Elliott E. (See Baker, S. C., and Grover.)
Guillon, Emile, and J. Perrault, Valmarie, Saskatchewan, Canada. Spark plug. 2,108,332; Feb. 15.
Guilick, Charles L., et al. (See Seyfarth, Alfred, assignor.)
Gusik, Walter J. (See Allyne, E. E., and Gusik.)
Hagen, Harold F., Dedham, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Fan. 2,108,435; Feb. 15.
Hale, Frank C. (See Dickie, W. A., and Hale.)
Hale, Frank C., Spondon, near Derby, England, assignor to Celanese Corporation of America. Circular loom. 2,108,120; Feb. 15.
Hale, Frank C., and J. R. Yorke, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom. 2,108,121; Feb. 15.
Hale, Roger W., Rumford, R. I. Ornamental welting and article having such welting incorporated therein. 2,108,061; Feb. 15.
Hall, Edwin S., New Haven, Conn. Variable transmission. 2,108,062; Feb. 15.
Hall, Edwin S., New Haven, Conn. Control system for motor vehicles. 2,108,666; Feb. 15.
Hall, Gordon L., Old Lyme, Conn. Assembly rack. 2,108,122; Feb. 15.
Hall Laboratories, Inc. (See Smith, George W., assignor.)
Hamer, Frances M., London, England, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Cyanine dyes and the preparation thereof. 2,108,485; Feb. 15.
Hamer, Frances M., and N. I. Fisher, Harrow, England, assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. 1'-cyanine dyes and the preparation thereof. 2,108,484; Feb. 15.
Hamilton, Sidney A., Shreveport, La. Permanent wave curler. 2,108,374; Feb. 15.
Hansson, Sigfrid V., Langshyttan, Sweden. Endless conveying strip for harvesters. 2,108,486; Feb. 15.
Hardin, Maurine S., and L. D. Sims, Berkeley, Calif. Rack for storing linens. 2,108,333; Feb. 15.
Hardt, William C., Chicago, Ill. Air humidifier for a combustion engine. 2,108,556; Feb. 15.
Hardy, Charles, New York, N. Y. Ash receiver. 2,108,429; Feb. 15.
Harlin, Richard H. (See Farrier, L. H., and Harlin.)
Harmon, Patrick H., San Fernando, Calif. Sewing cabinet. 2,108,711; Feb. 15.
Harner, Harold E., F. H. Schultz, and E. J. Ritchie, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Storage battery positive electrode and making the same. 2,108,748; Feb. 15.
Harris, Albert J., assignor to Hills-McCanna Company, Chicago, Ill. Variable stroke mechanism. 2,108,311; Feb. 15.
Harris, Billups, Columbus, Miss. Coupon book. 2,108,749; Feb. 15.
Harris, Charles W., Seattle, Wash. Navigational instrument. 2,108,260; Feb. 15.
Harris, Moses H., New York, N. Y. Spectacle frame. 2,108,667; Feb. 15.
Harrison, John F., Marion, Ohio. Garment hanger. 2,108,757; Feb. 15.
Harter, Noah S., Waukegan, Ill., assignor to Cyclone Fence Company. Shuttle bar actuating mechanism. 2,108,375; Feb. 15.
Haseltine, Stacy B., assignor to W. H. Miner, Inc., Chicago, Ill. Refrigerator car door. 2,108,224; Feb. 15.
Hauton, Paul S., Atlanta, Ga. Mechanical pencil. 2,108,668; Feb. 15.
Healy, Andrew M., Streator, Ill. Ice cream dipper and mold. 2,108,585; Feb. 15.
Hedger, Albert E., Buffalo, N. Y. Radio tuning control. 2,108,335; Feb. 15.
Heil Co., The. (See Streloy, Henry A., assignor.)
Heimbach, Charles H., Elyria, Ohio, assignor to National Tube Company. Production of ammonium chloride crystals. 2,108,377; Feb. 15.
Heinrich, Martin. (See Tautz, H. E., and Heinrich.)
Helft, Ernst, Berlin-Halensee, Germany, assignor to American Hyalsol Corporation, Wilmington, Del. Coating compositions. 2,108,768; Feb. 15.
Helland, Nelean D., Milwaukee, Wis. Body protective armor. 2,108,336; Feb. 15.
Hemmeter, George T. (See Schey, O. W., and Hemmeter.)
Hemphill Company. (See Lawson, Robert H., assignor.)
Hemphill Company. (See Lawson, R. H., and Smith, assignors.)
Henderson, Charles R. (See Lochhead, Elmer C., assignor.)
Henley's, W. T., Telegraph Works Company Limited. (See Dunsheath, Percy, assignor.)
Henninger, Andrew F., Jr., Chicago, Ill. Negative glow display. 2,108,487; Feb. 15.
Henry, Thomas J., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America. Electrode assembly. 2,108,533; Feb. 15.
Herdieckerhoff, Ernst, Opladen, near Cologne, and H. Tschunkur, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Heterocyclic hydroxy compounds. 2,108,712; Feb. 15.
Herrmann, Peter, East Orange, N. J. Self-closing valve. 2,108,534; Feb. 15.
Heyduck, Alfred, Berlin-Neuenhagen, assignor to Mix & Genest Aktiengesellschaft, Berlin-Schoneberg, Germany. Automatic telephone system. 2,108,437; Feb. 15.
Hill, Frank E., et al. (See Cooper, George W., assignor.)
Hill, Walter H., Chicago, Ill. Vehicle signal light. 2,108,123; Feb. 15.
Hillman, Ernest C., Los Angeles, Calif. Grid. 2,108,713; Feb. 15.
Hills-McCanna Company. (See Harris, Albert J., assignor.)
Hirsch, Louis, Textile Machines, Inc. (See Ruckel, Erwin, assignor.)

Hirsch, Peter, and R. Kaiser, Berlin-Reinickendorf, Germany. Pipe coupling. 2,108,714; Feb. 15.
Hobson, Roy C., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Cushioning device. 2,108,194; Feb. 15.
Hoddeson, Samuel Y., New Brunswick, N. J., and R. M. Melkiejohn, assignors to General Chemical Company, New York, N. Y. Cellulose products and making. 2,108,125; Feb. 15.
Hoe, R., & Co. (See Horton, Albert J., assignor.)
Hoffmann, Louis B., Hollywood, assignor to Mitchell Camera Corporation, West Hollywood, Calif. Film driving means. 2,108,237; Feb. 15.
Holmes, Harold H., San Jose, Calif. Valve. 2,108,312; Feb. 15.
Homasote Company. (See Becher, Hubert L., assignor.)
Honne, Isak A. (See Brun, A., and Hesne, assignors.)
Honne, Jacob A. (See Brun, A., and Hesne.)
Honold, Ernst, Frankfort-on-the-Main-Fechenheim, and C. Taube, Wiesdorf, near Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo-dyestuffs of the anthraquinone series. 2,108,128; Feb. 15.
Hood Rubber Company. (See L'Hollier, Leslie H., assignor.)
Horn, Wm. H., & Brother, Inc. (See Bell, Arthur E., assignor.)
Horter, Bayard M., Whitefish Bay, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Motor control system. 2,108,312; Feb. 15.
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Binder tab for web rolls. 2,108,260; Feb. 15.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,108,063; Feb. 15.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Making container closures. 2,108,064; Feb. 15.
Houdaille-Hershey Corporation. (See Short, Bladen M., assignor.)
Houdry Process Corporation. (See Lassiat, Raymond C., assignor.)
Houdry Process Corporation. (See Prickett, Thomas B., assignor.)
Houdry Process Corporation. (See Shabaker, H. A., and Lassiat, assignors.)
Houdry Process Corporation. (See Thayer, Clarence H., assignor.)
Howard, Forrest K. (See Staebdorn, W. R., and Howard.)
Hull, Paul H., et al. (See Cornwall, Leroy, assignor.)
Hulshizer, George W. (See Fuehrer, G. H., and Hulshizer.)
Humburch, Raymond S., Rochester, N. Y. Body for cars. 2,108,557; Feb. 15.
Humes, Guy B., assignor, by mesne assignments, of one-half to W. Berg, Chicago, Ill. Musical instrument. 2,108,769; Feb. 15.
Hutchings, Roe, Washington, D. C. Power transmission mechanism. 2,108,536; Feb. 15.
I. G. Farbenindustrie Aktiengesellschaft. (See Becker, W., and Orthner, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Herdieckerhoff, E., and Tschunkur, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Koch, Albert, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Riecke, A., Brodersen, Quaedvlieg, and Maier-Bode, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Speer, Walter, assignor.)
I. G. Farbenindustrie Aktiengesellschaft, et al. (See McAllister, Walter E., assignor.)
Ikawa, Shunichi. (See Kondo, H., Ikawa, and Kobayashi.)
Illinois Engineering Company. (See Leatwiler, R. W., and Bichhels, assignors.)
Imperial Chemical Industries Limited. (See Crawford, J. W. C., and McGrath, assignors.)
Imperial Chemical Industries Limited. (See Johnson, E. W., and Eastwood, assignors.)
Industrial Development and Research Laboratories, Incorporated. (See Lewit, Carl J., assignor.)
Ingersoll-Rand Company. (See Allen, Roy O., assignor.)
Ingersoll-Rand Company. (See Freitn, Fritjof, assignor.)
Ingersoll-Rand Company. (See Fuehrer, G. H., and Hulshizer, assignors.)
International Door Company. (See Luhs, Leo C., assignor.)
International Engineering Corporation. (See Pontius, George W., Jr., assignor.)
International Silver Company. (See Egeberg, B., and Tindula, assignors.)
International Standard Electric Corporation. (See Brown, A., Dunn, and McKie, assignors.)
International Standard Electric Corporation. (See Gardere, H., and Page, assignors.)
Isett, John W., Hinsdale, Ill. Highway construction. 2,108,750; Feb. 15.
Ishibashi, Gohsaburo. (See Kato, Kihachi, assignor.)
Jackman, William B., Niagara Falls, N. Y. Dental instrument. 2,108,558; Feb. 15.
Jamieson, Paul H., Redondo Beach, Calif. Pictorial control and material for use therein. 2,108,561; Feb. 15.
Jameson, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Effecting vapor treatment of yarn in a straight knitting machine. 2,108,496; Feb. 15.
Jansson, Bennett G. (See Thompson, R. H., Emerson, and Jansson.)
Jeffrey Manufacturing Company, The. (See Levin, Nels D., assignor.)
Jeffrey Manufacturing Company, The. (See Levin, N. D., and Yost, assignors.)
Jenks, Harry N., Berkeley, Calif. Device for clarifying liquids. 2,108,168; Feb. 15.
Jensen, Percy, assignor to Pacific Machinery Company, San Jose, Calif. Peach treating machine. 2,108,535; Feb. 15.
Jofeh, Edgar J., and J. G. Trilling, London, England. Device for dispensing aerated liquids. 2,108,169; Feb. 15.
Johns, Henry S., North Grimsby Township, Lincoln County, assignor to Bancroft Holdings Limited, Hamilton, Wentworth, Ontario, Canada. Tubular belt conveyer. 2,108,483; Feb. 15.
Johnson, Ernest W., Fredsham, and R. A. Eastwood, Buncora, England, assignors to Imperial Chemical Industries Limited. Apparatus for cleaning metal pipes. 2,108,489; Feb. 15.
Johnson, Frank L., Akron, Ohio. Toy gun. 2,108,669; Feb. 15.
Johnson, John W., St. Maries, Idaho. Electrical cord extension device. 2,108,170; Feb. 15.
Johnson, Richard C. (See Smith, Harold C., assignor.)
Johnson, Roy W., Milwaukee, Wis. Heat regulator. 2,108,225; Feb. 15.
Johnston, Walter S., assignor to The Tile-Tex Company, Chicago Heights, Ill. Composition tile. 2,108,326; Feb. 15.
Jones, Charles F., San Francisco, Calif., assignor to Tricolor, Inc. Cinematographic camera. 2,108,201; Feb. 15.
Jones, Frank D., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Worm and worm gear assembly. 2,108,262; Feb. 15.
Jones, George L., Garden City, H. C. Drake, Hempstead, and H. Schumacher, assignors to Sperry Products, Inc., Brooklyn, N. Y. Ball flaw detector mechanism. 2,108,559; Feb. 15.
Jones, Mary, et al. (See Nash, William C., assignor.)
Jones, Willie F., Anderson, S. C. Apparatus to laden the air with liquids. 2,108,537; Feb. 15.
Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Patterson, N. J. Lasting machine. 2,108,171; Feb. 15.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Tractor tread mechanism. 2,108,536; Feb. 15.
Juchheim, Erich, Ilmenau, Germany. Thermostat. 2,108,338; Feb. 15.
K. L. G. Sparking Plugs Limited. (See Carlington, C. M., and Postlethwaite, assignors.)
Kaiser, Rudolf. (See Hirsch, P., and Kaiser.)
Kamborian, Jacob S., West Newton, assignor to Northern Machine Co., Inc., Waltham, Mass. Apparatus for lasting shoes. 2,108,670; Feb. 15.
Kantola, Carl F. (See Lentz, W. L., and Kantola.)
Kasanof, David R., et al., executors. (See Kasanof, Maurice M.)
Kasanof, Maurice M., deceased, New York; by A. Kriegel, Rockaway, Long Island, N. Y., and D. R. Kasanof, Brookline, Mass., executors. Fabric treatment and apparatus therefor. 2,108,127; Feb. 15.
Kato, Kihachi, assignor of seven-tenths to G. Ishibashi, Tokyo, Japan. Muffler of internal combustion engines. 2,108,671; Feb. 15.
Kaufman, Gus, Beacon, assignor to The Texas Company, New York, N. Y. Grease manufacture. 2,108,672; Feb. 15.
Kay, Walter, Bury, England, assignor to Kaysam Corporation of America, Dover, Del. Manufacture of rubber and rubber-like articles. 2,108,673; Feb. 15.
Kayson Corporation of America. (See Kay, Walter, assignor.)
Keefer, Walter L. (See Rosenberger, W. A., and Keefer.)
Keith, Irving L., Haverhill, Mass. Cementing machine. 2,108,674; Feb. 15.
Kell, Ray D. (See Bedford, A. V., and Kell.)
Kellermann, Willy. (See Gluth, R., and Kellermann.)
Kellum, Orlando E., Moreno, Calif. Checking and recording egg production of hens. 2,108,267; Feb. 15.
Kelly, Edward A., Indianapolis, Ind. Multiple payment coupon book. 2,108,314; Feb. 15.
Kelly, Frederick G., Jr., Hamden, assignor to American Telatector Corporation, New Haven, Conn. Detector system. 2,108,202; Feb. 15.
Kennedy, John J., assignor to Chamberlain Co., Inc., Los Angeles, Calif. Cleaning and polishing block. 2,108,405; Feb. 15.
Kesselring, Fritz, Berlin-Hermsdorf, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,108,560; Feb. 15.
Keystone Driller Company. (See Elmes, John A., assignor.)
Kierulf, William E., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Rapid selector mechanism. 2,108,561; Feb. 15.
Kilgore Mfg. Company, The. (See Rickenbacher, Robert J., assignor.)

Kimball, Franklin R., Los Angeles, Calif. Treating hydrocarbon vapors with zinc chloride. 2,108,438; Feb. 15.
King, Clarence V. H., Jr., San Francisco, Calif. Container. 2,108,600; Feb. 15.
Kingsley, Donald G. (See Oftedal, P. R., and Kingsley.)
Kinney, Frank W., Groveland, Mass. Ice skate. 2,108,128; Feb. 15.
Kirk, Morris P., and I. H. Grancell, Los Angeles, Calif. Bearings, new composition of matter and producing the same. 2,108,339; Feb. 15.
Kiss, Joseph, River Forest, Ill. Traffic signal light. 2,108,675; Feb. 15.
Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Oscillation restraint mechanism for locomotives or cars. 2,108,676; Feb. 15.
Kline, Seth Q., assignor to General Show Card Machine Company, Inc., Washington, D. C., Printing press clamp. 2,108,490; Feb. 15.
Kling, Walter. (See Wolf, B., Kling, and Rau.)
Klotz, H. O., Bethel, Conn. Precast floor construction. 2,108,677; Feb. 15.
Knight, Alfred W. (See Montgomery, Henry S., assignee.)
Kobayashi, Yoshito. (See Kondo, H., Ikawa, and Kobayashi.)
Koch, Albert, Cologne-Deutz, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Coating worked solid materials. 2,108,715; Feb. 15.
Kondo, Heisaburo, Shibuya-ku, Tokyo, S. Ikawa, Hongo-ku, Tokyo, and Y. Kobayashi, Asabu-ku, Toyko, Japan. Desoxy-l-pseudo hyfotalin haloid and preparing same. 2,108,340; Feb. 15.
Koppers Company. (See Deringer, Hans, assignor.)
Kotrbaty, Guy F., assignor to Fer-O-Con Corporation, New York, N. Y. Building construction and structural element therefor. 2,108,065; Feb. 15.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Tire. 2,108,406; Feb. 15.
Kriechbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Preignition oil burner system. 2,108,770; Feb. 15.
Kriegel, Abraham, et al, executors. (See Kasanof, Maurice M.)
Kristensen, Norman Y., assignor to Oakes Products Corporation, Detroit, Mich. Bumper guard structure. 2,108,129; Feb. 15.
Kubicky, Joseph, Brandywine Summit, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Manufacture of pile fabrics. 2,108,288; Feb. 15.
Kuhlemann, Stig O. C., assignor to C. H. Lundholm, Aktiebolag, Stockholm, Sweden. Parachute harness. 2,108,609; Feb. 15.
Kuhlemann, Stig O. C., assignor to C. H. Lundholm, Aktiebolag, Stockholm, Sweden. Device of support for parachutes. 2,108,716; Feb. 15.
Kuhlemann, Stig O. C., and C. H. Lundholm, assignors to C. H. Lundholm, Aktiebolag, Stockholm, Sweden. Parachute supporting device. 2,108,491; Feb. 15.
Kulhawy, Ferdinand, West New York, N. J. Hat hanger. 2,108,678; Feb. 15.
Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic device. 2,108,751; Feb. 15.
Kurti, Aladar, Highland Park, N. J., assignor to Mack Manufacturing Corporation. Thrust collar. 2,108,679; Feb. 15.
L'Abée Lund Aktieselskab. (See L'Abée-Lund, Johan H., assignor.)
L'Abée-Lund, Johan H., Slemdal, near Oslo, assignor to L'Abée Lund Aktieselskab, Oslo, Norway. Compass. 2,108,383; Feb. 15.
Ladden, Isaac M., Buffalo, N. Y., assignor to Consolidated Aircraft Corporation. Aircraft windshield and hatch. 2,108,230; Feb. 15.
Ladewig, Archie E., and G. F. Soelch, Waukesha, Wis. Bottle washing machine. 2,108,227; Feb. 15.
Lagier, Frederick P., Ripon, Calif. Pocket medical or first aid kit. 2,108,492; Feb. 15.
Laird, Joseph P., assignor to The Wicaco Machine Corporation, Philadelphia, Pa. Fluid pump. 2,108,771; Feb. 15.
Lakey, Ray, Denton, Tex. Cooling tower. 2,108,680; Feb. 15.
Lamson & Sessions Company, The. (See Frayer, Lee A., assignor.)
Lamson & Sessions Company, The. (See Smith, A. M., and Strayer, assignors.)
Landsdell, Harry, Wilton, assignor, by mesne assignments, to General Shaver Corporation, Bridgeport, Conn. Dry shaving device. 2,108,493; Feb. 15.
Lansing, Mortimer N., New York, N. Y. Bookmark. 2,108,494; Feb. 15.
Lantzberg, David and L. D., assignors to N. D. Q. Specialty Corporation, Brooklyn, N. Y. Machine for molding chocolate articles and the like. 2,108,067; Feb. 15.
Lantzberg, Leon D. (See Lantzberg, David and L. D.)
La Pratt-Choate Manufacturing Co. Inc. (See Choate, R. B., Rodler, and Leech, assignors.)
Larry, Timothy A., Los Angeles, Calif. Pressure control device. 2,108,048; Feb. 15.
Larsen, Jacob C., Bexley, assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Car truck construction. 2,108,378; Feb. 15.
Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Converting and translating punch. 2,108,661; Feb. 15.
Lassiat, Raymond C. (See Shobaker, H. A., and Lassiat.)
Lassiat, Raymond C., Woodbury, N. J., assignor to Hendry Process Corporation, Dover, Del. Structure and assembly of converters. 2,108,060; Feb. 15.
Lauter, Felix, Evanston, assignor to Sealbeto Corporation, Chicago, Ill. Synthetic resin. 2,108,241; Feb. 15.
Lawrence, Victor H., Norristown, Pa., assignor to Alan Wood Steel Company. Producing sheets from corrosion-resistant ferrous-base alloys combining improved strength properties with corrosion resistance. 2,108,588; Feb. 15.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Take-up rod. 2,108,773; Feb. 15.
Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Needle bed for knitting machines. 2,108,772; Feb. 15.
Lawson, William L., Brooklyn, N. Y. Camera bellows. 2,108,717; Feb. 15.
Lederer, Anton, deceased, Vienna, Austria; C. Danser and C. Banda, executors of said A. Lederer, assignors to E. A. Lederer, Glen Ridge, N. J. Direct electric current rare gas lamp. 2,108,537; Feb. 15.
Lederer, Ernest A. (See Lederer, Anton, assignor.)
Lee, John W., Wilkes-Barre, Pa. Station indicator. 2,108,718; Feb. 15.
Leech, William I. (See Choate, R. B., Rodler, and Leech.)
Leeds & Northrup Company. (See Doyle, E. D., and Perley, assignors.)
Leeds & Northrup Company. (See Perley, George A., assignor.)
Lees-Bradner Company, The. (See Schurr, Charles H., assignor.)
Le Fevre, Arden W., assignor to Stewart-Warner Corporation, Chicago, Ill. Dial for indicating instruments. 2,108,342; Feb. 15.
Leifer, Rees L., McKeesport, Pa. Hot strip rolling. 2,108,379; Feb. 15.
Leishman, Le Roy J., Los Angeles, Calif. Turning rotatable objects to predetermined positions. 2,108,538; Feb. 15.
Lems, Hendrik, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Oxide cathode more particularly for a gas-filled discharge tube. 2,108,589; Feb. 15.
Lentschewsky, Boris, Berlin, Germany. Peripheral sealing means for tanks. 2,108,280; Feb. 15.
Lentz, William L., Tuckahoe, N. Y., and C. F. Kantola, Ashtabula, Ohio, assignors to The New York Central Railroad Company. Streamlined locomotive and tender and vestibule curtain structure therefor. 2,108,203; Feb. 15.
Lentz, William L., Tuckahoe, N. Y., and C. F. Kantola, Ashtabula, Ohio, assignors to The New York Central Railroad Company. Locomotive tender. 2,108,204; Feb. 15.
Leslie, Frank R., St. Paul, Minn. Insulating material. 2,108,682; Feb. 15.
Leutwiler, Richard W., Chicago, and W. Eichhols, Cicero, assignors to Illinois Engineering Company, Chicago, Ill. Steam heating. 2,108,601; Feb. 15.
Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America. Making fluorescent screens. 2,108,683; Feb. 15.
Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Method of and apparatus for cleaning coal. 2,108,495; Feb. 15.
Levin, Nils D., and S. H. Yost, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Cleaning coal and fluid separating medium therefor. 2,108,290; Feb. 15.
Lewis, George S., assignor to Winchester Repeating Arms Company, New Haven, Conn. Extractor mechanism for breakdown firearms. 2,108,130; Feb. 15.
Lewis, Myron H., New York, N. Y. Drilling machine and device. 2,108,131; Feb. 15.
Lewis, Wilbur S., assignor to The Murle Co., Cleveland, Ohio. Hair waving device. 2,108,719; Feb. 15.
Lewit, Carl J., assignor to Industrial Development and Research Laboratories, Incorporated, Atlanta, Ga. Permanent waving pad. 2,108,590; Feb. 15.
L'Hollier, Leslie H., Waltham, assignor to Hood Rubber Company, Inc., Watertown, Mass. Spiked shoe. 2,108,439; Feb. 15.
Light, Ralph A., Cynwyd, and J. W. Price, Jr., assignors to The United States Metallic Packing Company, Philadelphia, Pa. Cylinder cock. 2,108,228; Feb. 15.
Lightner, Cody. (See Belford, Uriah, assignor.)
Liguori, Vincent, Bayonne, N. J. Rotating shaft controlling apparatus. 2,108,315; Feb. 15.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Electron discharge device. 2,108,539; Feb. 15.
Link, Louis, New York, N. Y. Gummed tape dispensing machine. 2,108,496; Feb. 15.
Lipert, Sidney, Edmonton, England. Hinge. 2,108,774; Feb. 15.
Liquid Carbonic Corporation. (See Cordrey, Almon J., assignor.)
Livingston, John W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Track rail contactor. 2,108,497; Feb. 15.

Lochhead, Elmer C., assignor of one-half to C. R. Henderson, Moberly, Mo. Stocking and making the same. 2,108,549; Feb. 15.
Lockhart, William, assignor to Cornell Securities Corporation, Cleveland, Ohio. Receptacle and closure. 2,108,407; Feb. 15.
London, Le Roy P. (See Campbell, D. J., and London.)
Lora, Luis A., Brooklyn, assignor to Radio Patents Corporation, New York, N. Y. Television device. 2,108,132; Feb. 15.
Lorenz, C., Aktiengesellschaft. (See Begun, Seml, assignee.)
Love, Frank R., Oklahoma City, Okla. Belt loss prevention means. 2,108,316; Feb. 15.
Low, Marshall, Washington, D. C. Method of and apparatus for shaping plastic materials. 2,108,070; Feb. 15.
Low, Marshall, Washington, D. C. Method of and apparatus for shaping plastic materials. 2,108,071; Feb. 15.
Low, Marshall, Washington, D. C. Method of and apparatus for shaping metal delivered in a molten condition. 2,108,752; Feb. 15.
Low, Marshall, Washington, D. C. Method of and apparatus for shaping metal delivered in a molten condition. 2,108,753; Feb. 15.
Lowe, Joe, Corporation. (See Thomas, Norman M., assignor.)
Luci, Warner S. (See Thomsen, W. A. V., Gross, and Luci.)
Luche, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Steam generator. 2,108,072; Feb. 15.
Ludtke, Ray, Copley, Pa. Foundation fastener and decapping tool. 2,108,754; Feb. 15.
Luke, Leo C., assignor to International Door Company, Evansville, Ind. Slot chaser. 2,108,720; Feb. 15.
Lull, Le Grand H., Minneapolis, Minn. Leveliser for road maintaining apparatus. 2,108,541; Feb. 15.
Lundberg, Hans T. F. (See Zaschlag, Theodor, assignor.)
Lundholm, Carl H. (See Kuhlemann, S. O. C., and Lundholm.)
Lundholm, Carl H., Aktiebolag. (See Kuhlemann, Stig O. C., assignor.)
Lundholm, Carl H., Aktiebolag. (See Kuhlemann, S. O. C., and Lundholm, assignors.)
Lusader, Pearl W. (See Brock, Willis W., assignor.)
Lynch, John W., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Cedar maker. 2,108,684; Feb. 15.
Lyons, Joseph, Detroit, Mich. Cuff folding device. 2,108,542; Feb. 15.
Mabry, Forrest S., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Radio system of fog landing for airplanes. 2,108,562; Feb. 15.
MacDonald, Archibald H., assignor to The Coloray Corporation, Detroit, Mich. Color film pack. 2,108,073; Feb. 15.
Macgeorge, William D., Woodbury, N. J., assignor to Automatic Temperature Control Company, Inc., Philadelphia, Pa. Relay. 2,108,775; Feb. 15.
Mack Manufacturing Corporation. (See Kurti, Aladar, assignor.)
Magill-Weinsheimer Company. (See Rasmussen, Frank H., assignor.)
Maier-Bode, Hans. (See Bloche, A., Brodersen, Quaedvlieg, and Maier-Bode.)
Malm, Carl J. (See Stone, H. G., and Malm.)
Mannes, Leopold D., and L. Godowsky, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Photographic color-forming compounds. 2,108,602; Feb. 15.
Margrave, Charles B., assignor of one-half to A. I. Breslow, Los Angeles, Calif. Casing perforater. 2,108,172; Feb. 15.
Marks, Albert A., West Allis, Wis. License plate holder. 2,108,591; Feb. 15.
Martin, Armor B., Butte, Mont., and H. N. Wade, Los Angeles, Calif. Apparatus for determining dew point of gases. 2,108,175; Feb. 15.
Martin, Elsie L., Drexel Hill, Pa. Breast pad and the like. 2,108,205; Feb. 15.
Martin, Stoddard B., Lakewood, Ohio, and C. B. Waechter, Bradford, Pa. Pipe or rod coupling. 2,108,265; Feb. 15.
Mason, Ralph B., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Production of aluminum reflecting surfaces. 2,108,603; Feb. 15.
Mason, Ralph B., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum reflector. 2,108,604; Feb. 15.
Mancher, Hans, New York, N. Y. Pencil. 2,108,441; Feb. 15.
Mauntel, Anthony J. (See Townley, J. R., and Mauntel.)
Maxam, Harvey K., Francisco, Ind. Air vent guard. 2,108,721; Feb. 15.
Mays, Orland C., Wink, Tex. Apparatus for shooting wells. 2,108,174; Feb. 15.
McAllister, Johanna C., Los Angeles, Calif. Folded container or envelope. 2,108,243; Feb. 15.
McAllister, Walter H., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergents for use in laundering processes. 2,108,756; Feb. 15.
McAllister, Walter H., Wyoming, assignor of one-half to The Procter & Gamble Company, Cincinnati, Ohio, and of one-half to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Purification of sulphonation products. 2,108,755; Feb. 15.
McBee Company, The. (See Gerety, Edward J., assignee.)
McCall, Francis J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing high molecular alcohols from the corresponding ketones. 2,108,133; Feb. 15.
McConnell, Elliott B. (See Musselman, J. M., and McConnell.)
McDaniel, James A., Memphis, Tenn. Gear shifting mechanism. 2,108,264; Feb. 15.
McDonough, John, Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Structural unit. 2,108,685; Feb. 15.
McElhaney, James E., and R. Stoker, Vandergrift, Pa., assignors to American Sheet and Tin Plate Company. Coating sheet metal. 2,108,381; Feb. 15.
McGrath, James. (See Crawford, J. W. C., and McGrath.)
McGraw Electric Company. (See Scharf, Frank W., assignor.)
McKewen, John H. (See Schauer, L. L., and McKewen.)
McKie, David G. (See Brown, A. Dunn, and McKie.)
McKinley, John M., East Cleveland, and W. K. Carter, Columbus, Ohio; said Carter assignor to National Aluminate Corporation, Chicago, Ill., and said McKinley assignor to North American Refractories Company, Cleveland, Ohio. Ferruginous siliceous refractories. 2,108,543; Feb. 15.
McLeod, Thomas, Elizabeth, N. J. Marine steering gear motor. 2,108,498; Feb. 15.
McMahon, Edward F., Clinton, Md. Spectacles. 2,108,074; Feb. 15.
McNally, Malcolm R., assignor of one-half to W. H. Ramsay, Lumsden, Saskatchewan, Canada. Tractor wheel scraper. 2,108,291; Feb. 15.
McNicoll, Andrew G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Starting mechanism. 2,108,776; Feb. 15.
McNulty, William A., Chicago, Ill. Snow plow. 2,108,134; Feb. 15.
McVay, Willard S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Furnace and firing. 2,108,292; Feb. 15.
Meeker, Lillian P., executrix. (See Meeker, Sidney.)
Meeker, Sidney, deceased, by L. P. Meeker, executrix, Memphis, Tenn. Tenaculum. 2,108,206; Feb. 15.
Melklejohn, Roy M. (See Hoddeson, S. L., and Melklejohn.)
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,108,686; Feb. 15.
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,108,687; Feb. 15.
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Furnace. 2,108,688; Feb. 15.
Metz, Martha M., Talmage, Kans. Anatomical skeleton. 2,108,229; Feb. 15.
Meyer, Wilfred, Birkenwerder, near Berlin, assignor to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Cathode heater for electron discharge devices. 2,108,544; Feb. 15.
Meyfarth, Gottlieb, assignor of one-half to Societe Anonyme des Ateliers de Secheron, Geneva, Switzerland. Individual axle drive for vehicles. 2,108,382; Feb. 15.
Miedel, Hermann, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Laminated corrosion resistant structure. 2,108,722; Feb. 15.
Miller, Harry E., East Cleveland, Ohio. Waist band adjustment for garments. 2,108,175; Feb. 15.
Miller, Thomas, Brooklyn, N. Y. Screw driver and socket wrench attachment. 2,108,344; Feb. 15.
Miller, Thomas T., assignor of five-twelfths to A. J. Bair, Peoria, Ill. Aging whisky. 2,108,317; Feb. 15.
Miller, William, et al. (See Cooper, George W., assignor.)
Milwaukee Gas Specialty Company. (See Steffen, Elmer G., assignor.)
Mine Safety Appliances Company. (See Dym, Joseph B., assignor.)
Miner, W. H., Inc. (See Haseltine, Stacy B., assignor.)
Minich, Verne E., Mishawaka, assignor to The American Foundry Equipment Company, St. Joseph, Ind. Low pressure abrasive blast system. 2,108,545; Feb. 15.
Minneapolis-Honeywell Regulator Company. (See Kriechbaum, John P., assignor.)
Minneapolis-Honeywell Regulator Company. (See McNicoll, Andrew G., assignor.)
Mitchell Camera Corporation. (See Hoffmann, Louis B., assignor.)
Mitchell, Donald H., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Control device. 2,108,408; Feb. 15.
Mix & Genest Aktiengesellschaft. (See Heyduck, Alfred, assignor.)
Mixer, Harold P., Frankfort, assignor to Remington Rand Inc., Buffalo, N. Y. Rotary switch. 2,108,777; Feb. 15.
Mnookin, Nathan M. (See Spess, V. B., and Mnookin.)
Mnookin, Nathan M., and V. B. Spess, Kansas City, Mo. Effecting solution of lead arsenate. 2,108,563; Feb. 15.
Mock, Hugo, New York, N. Y. Collapsible tube. 2,108,689; Feb. 15.
Moisy, Alexandrest. Prix, France. Transmission gear for electric starters. 2,108,384; Feb. 15.
Molinare, Anthony W., Oak Park, assignor to Electric Household Utilities Corporation, Chicago, Ill. Guard for shoe of ironing machines. 2,108,230; Feb. 15.
Money, Roland H. (See Crosley, L. M., and Money.)

Monk, Reginald H., and A. S. Ross, Montreal, Quebec, Canada, assignors to American Zinc, Lead & Smelting Company, St. Louis, Mo. Preparing TiO_2. 2,108,723; Feb. 15.

Monsanto Chemical Company. (See Carswell, Thomas S., assignor.)

Monsanto Chemical Company. (Sibley, Robert L., assignor.)

Montgomery, Henry S., South Pasadena, assignor of one-half to A. W. Knight, San Marino, Calif. Vapor phase treatment of petroleum distillates. 2,108,690; Feb. 15.

Morgan, John D., South Orange, assignor to Power Patents Company, Hillside, N. J. Electric toaster. 2,108,778; Feb. 15.

Mork, George W., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Dipper tooth. 2,108,075; Feb. 15.

Morris Packaging Equipment Company. (See Ness, Edward F., assignor.)

Morse, James W., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Method for determining the alignment of dirigible vehicle wheels. 2,108,383; Feb. 15.

Moseley, Charles F., Bartlesville, Okla. Fishing tool. 2,108,499; Feb. 15.

Moseley, Charles F., Bartlesville, Okla. Tubing stop. 2,108,605; Feb. 15.

Motsinger, John B., Lakewood, Ohio, assignor to American Sales Book Company Inc., Niagara Falls, N. Y. Continuous interleaved record. 2,108,500; Feb. 15.

Motto, Charles E., et al. (See Tufts, Carl R., assignor.)

Mueller, Homer L., assignor to The Cleveland Welding Company, Cleveland, Ohio. Coaster brake. 2,108,501; Feb. 15.

Muench, Frank J., Newark, N. J. Blending machine. 2,108,502; Feb. 15.

Muhl, Charles H. (See Schafer, R. A., Muhl, Opel, and Beissman.)

Mullen, Edwin J., New Rochelle, assignor to General Chemical Company, New York, N. Y. Roasting ores. 2,108,592; Feb. 15.

Mullen, Edwin J., New Rochelle, assignor to General Chemical Company, New York, N. Y. Process and apparatus for roasting ores. 2,108,593; Feb. 15.

Müller, Fritz, O. Scherer, and W. Schumacher, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Trifluoromethylphenylsulphides, oxidation products thereof, and preparing the same. 2,108,606; Feb. 15.

Mullett, Howard A., assignor to Bradley Washfountain Company, Milwaukee, Wis. Wash fountain spray head. 2,108,266; Feb. 15.

Murakami, Masasuke, Tokyo, Japan. Rotary engine. 2,108,385; Feb. 15.

Murie Co., The. (See Lewis, Wilbur S., assignor.)

Murphy, Thomas F., New York, N. Y. Locking device for mail receptacles. 2,108,440; Feb. 15.

Murray, Alexander, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Coloring materials. 2,108,503; Feb. 15.

Musselman, John M., Cleveland, and E. B. McConnell, Shaker Heights, assignors to Standard Oil Company, Cleveland, Ohio. Lubricant preparation. 2,108,380; Feb. 15.

Mustee, Joseph F., University Heights, Ohio. Water heater. 2,108,601; Feb. 15.

N. D. Q. Specialty Corporation. (See Lantinberg, David, and L. D., assignors.)

N. V. Philips' Gloeilampenfabrieken. (See Alfter, Josef, assignor.)

N. V. Philips' Gloeilampenfabrieken. (See Lems, Hendrik, assignor.)

N. V. Philips' Gloeilampenfabrieken. (See van Loon, Carel J. assignor.)

N. V. Philips' Gloeilampenfabrieken. (See Vermeulen R., and Van Urk, assignors.)

Nardelli, Nelio, Florence, Italy. Viscous, Waterproof and insulating composition with a basis of rubber, to be used hot or cold. 2,108,387; Feb. 15.

Nash, Marie D., et al. (See Nash, William C., assignor.)

Nash, Roy A., et al. (See Nash, William C., assignor.)

Nash, William C., Neenah, Wis. Making paper. 2,108,231; Feb. 15.

Nash, William C., assignor of one-fifth to M. Jones, one-fifth to M. D. Nash, Neenah, Wis., one-fifth to W. M. Nash, Chicago, Ill., and one-fifth to R. A. Nash, New Rochelle, N. Y. Web guiding device. 2,108,232; Feb. 15.

Nash, William M., et al. (See Nash, William C., assignor.)

National Airoil Burner Company. (See Straitz, John F., assignor.)

National Aluminate Corporation. (See McKinley, J. M., and Carter, assignors.)

National Automatic Tool Company, The. (See Schafer, Robert A., assignor.)

National Automatic Tool Company, The. (See Schafer, R. A., Muhl, Opel, and Beissman, assignors.)

National Malleable and Steel Castings Company. (See Hobson, Roy C., assignor.)

National Tube Company. (See Heimbach, Charles H., assignor.)

Needham, William. (See Sykes, C., and Needham.)

Nelis, Joseph J., Brooklyn, assignor to Foster Wheeler Corporation, New York, N. Y. Steam generator. 2,108,135; Feb. 15.

Nelson, Charles, Miami, Fla. Constructing holders. 2,108,594; Feb. 15.

Nelson, Christian B., and I. Spinner, assignors, by mesne assignments, to Plastic Binding Corporation, Chicago, Ill. Binding machine. 2,108,138; Feb. 15.

Nelson, Nels, Upper Darby, Pa. Radio turning device. 2,108,607; Feb. 15.

Nemets, Gustav, assignor to the firm Alex. Friedmann, Vienna, Austria. Labyrinth packing for bearings. 2,108,724; Feb. 15.

Ness, Edward F., assignor to Morris Packaging Equipment Company, Toledo, Ohio. Machine for wrapping bars of butter or the like. 2,108,546; Feb. 15.

Neumann, Herbert. (See Rosch, A., and Neumann.)

Neville Company, The. (See Carmody, William H., assignor.)

Newby, Howard L., Los Angeles, Calif. Apparatus for testing plate seams. 2,108,176; Feb. 15.

New Jersey Machine Corporation. (See von Hofe, G. W., and Dâse, assignors.)

News Projection Corporation. (See Eitsen, August D., assignor.)

New York Central Railroad Company, The. (See Lentz, W. L., and Kantola, assignors.)

Niles Metalcraft Company. (See Rogers, Kenneth S., assignor.)

Nolan, John R., Larchmont, N. Y., assignor to The Diamond Match Company, Wilmington, Del. Cover feeding and folding mechanism for booking machines. 2,108,318; Feb. 15.

Noller, Friedrich C., Collingswood, assignor to Radio Condenser Company, Camden, N. J. Speed reducing drive. 2,108,608; Feb. 15.

North American Refractories Company. (See McKinley, J. M., assignor, and Carter.)

Northern Machine Co. (See Kamborian, Jacob S., assignor.)

Norton Company. (See Griffing, Herbert J., assignor.)

Nowosielski, Edward B., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Electrical cable connecter. 2,108,504; Feb. 15.

Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for trimming. 2,108,177; Feb. 15.

Nyland, Edward R., assignor to General Motors Corporation, Detroit, Mich. Gear lapping machine. 2,108,547; Feb. 15.

Oakes Products Corporation. (See Gould, Jay H., assignor.)

Oakes Products Corporation. (See Kristensen, Norman Y., assignor.)

Oftedal, Philip R., and D. G. Kingsley, Chicago, Ill. Threshold. 2,108,137; Feb. 15.

Ogden, John, Indianapolis, Ind. Preparing bituminous emulsions. 2,108,505; Feb. 15.

Ohio Brass Company, The. (See Austin, Arthur O., assignor.)

O'Mara, Richard F., Chicago, Ill., assignor, by mesne assignments, to Combustion Engineering Company, Inc. Whizzer separator and mill. 2,108,609; Feb. 15.

O'Neill, Bernard, Sheffield, England, assignor, by mesne assignments, to American Safety Razor Corporation, Brooklyn, N. Y. Blade for safety razors. 2,108,267; Feb. 15.

Opel, Earl E. (See Schafer, R. A., Muhl, Opel, and Beissman.)

Orloff, Arthur, Green Bay, Wis. Walking toy. 2,108,345; Feb. 15.

Orthner, Ludwig. (See Becker, W., and Orthner.)

Osborn Manufacturing Company, The. (See Bickel, Frederic J., assignor.)

Otto, Carl, Essen, Germany. Operation of regenerative ovens. 2,108,610; Feb. 15.

Owens, Jesse C., Los Angeles, Calif. Carpet stretcher. 2,108,506; Feb. 15.

Pacific Coast Engineering Company. (See Sjoberg, John G., assignor.)

Pacific Machinery Company. (See Jepson, Percy, assignor.)

Packers Tar Soap, Inc. (See Webber, Calvin R., assignor.)

Pagan, John W. (See Thompson, N. A. D., and Pagan.)

Pages, André P. (See Gardere H., and Pages.)

Painter, Roy S., Hannibal, Mo., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing and trimming machine. 2,108,138; Feb. 15.

Painter, Roy S., Hannibal, Mo., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Trimming machine. 2,108,139; Feb. 15.

Pangborn Corporation. (See Rosenberger, William A., assignor.)

Pangborn Corporation. (See Rosenberger, W. A., and Keefer, assignors.)

Park, Ward & Company Limited. (See Thompson, N. A. D., and Pagan, assignors.)

Parker, Hugh B., Jacksonville, Fla. Lawn sprinkler. 2,108,207; Feb. 15.

Parker-Wolverine Company. (See Woolens, Roy E., assignor.)

Parks, Paul B., Oak Park, and W. M. Smith, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Correlative temperature control system. 2,108,507; Feb. 15.

Parrish, Cecil C., Donora, Pa., assignor to The American Steel and Wire Company of New Jersey. Motor powering system. 2,108,388; Feb. 15.

Patterson, William G., and R. G. Dixon, assignors to Siemens Brothers & Company Limited, London, England. Telephone system. 2,108,140; Feb. 15.

Paul, Irvin J., Gary, Ind., assignor to American Sheet and Tin Plate Company. Apparatus for coating. 2,108,389; Feb. 15.

Paul, Talbert W., Moline, Ill., assignor to John Deere Tractor Company, Waterloo, Iowa. Tractor wheel. 2,108,246; Feb. 15.

Paxton, Hale, Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Lidding machine. 2,108,548; Feb. 15.

Perkins, Albert G., Warsaw, N. Y. Feed apparatus for pipe coating machines and the like. 2,108,319; Feb. 15.

Perley, George A. (See Doyle, E. D., and Perley.)

Perley, George A., assignor to Leeds & Northrup Company, Philadelphia, Pa. Apparatus for measuring ion-concentration. 2,108,293; Feb. 15.

Peron, Anthony, New York, N. Y. Manufacture of cooking utensils. 2,108,400; Feb. 15.

Perrault, Josephat. (See Guillon, R., and Perrault.)

Perry, William R., assignor to Reeves Pulley Company, Columbus, Ind. Speed control mechanism. 2,108,410; Feb. 15.

Petersime Incubator Company, The. (See Petersime, Ira M., assignor.)

Petersime, Ira M., assignor to The Petersime Incubator Company, Gettysburg, Ohio. Electrothermo bath. 2,108,268; Feb. 15.

Petroleum Rectifying Company of California. (See Cage, John M., assignor.)

Petroleum Rectifying Company of California. (See Fisher, Harmon F., assignor.)

Pfandler Co., The. (See Greene, Otto W., assignor.)

Pfeiffer, Frank E. (See Pfeiffer, William C. and F. E.)

Pfeiffer, William C., and F. E. Pfeiffer, assignors to The Egry Register Company, Dayton, Ohio. Autographic register. 2,108,564; Feb. 15.

Phillips, Arthur H., Hempstead, N. Y., and W. Allan, Jr., Ridgefield Park, N. J., assignors, by mesne assignments, to American Sales Book Company, Inc. Multiform stationery. 2,108,595; Feb. 15.

Phillips, Charles H., assignor to The Fairway Real Estate Company, Incorporated, Richmond, Va. Writing instrument. 2,108,442; Feb. 15.

Picard, Leo, San Antonio, Tex. Temporary binder. 2,108,508; Feb. 15.

Pieck, Carl E., Covington, Ky. Container closure. 2,108,692; Feb. 15.

Pirelli-General Cable Works Limited. (See Tobia, Vincent, assignor.)

Plaskon, Incorporated. (See Eisenmann, K., and Scheuermann, assignors.)

Plastic Binding Corporation. (See Nelson, C. B., and Spinner, assignors.)

Plow-Wake Corporation, The. (See Russell, Thomas K., assignor.)

Plymouth Cordage Company. (See Drew, E. L., and Reed, assignors.)

Polcha, Jacob W., Scranton, Pa. Textile machine attachment. 2,108,509; Feb. 15.

Pollard, Walter, Romford, England, assignor to A. B. Dick Company, Chicago, Ill. Separating and feeding sheets. 2,108,549; Feb. 15.

Pollock Paper & Box Company. (See Sullivan, Dan, assignor.)

Pontius, George W., Jr., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Liquid fuel burner. 2,108,141; Feb. 15.

Postlethwaite, Archibald E. (See Carington, C. M., and Postlethwaite.)

Powell, Edwin L., et al. (See Tufts, Carl R., assignor.)

Power Patents Company. (See Brandt, David G., assignor.)

Power Patents Company. (See Morgan, John D., assignor.)

Price, Joseph W., Jr. (See Light, R. A., and Price.)

Price, Whitfield, Charleston, W. Va., assignor, by mesne assignments, to Westvaco Chlorine Products Corporation, New York, N. Y. Stabilising chlorinated hydrocarbons. 2,108,390; Feb. 15.

Prickett, Thomas B., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Apparatus for treating fluids. 2,108,076; Feb. 15.

Pringle, William A., Niagara Falls, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Record assembly. 2,108,510; Feb. 15.

Procter & Gamble Company, The, et al. (See McAllister, Walter H., assignor.)

Prucha, Otto J., Denver, Colo. Universal easel table. 2,108,295; Feb. 15.

Prussing, Walter, New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Collapsible tube enameling machine. 2,108,443; Feb. 15.

Pudlich, Carl W., San Diego, Calif. Croquette molder. 2,108,233; Feb. 15.

Pugsley, William H., Minneapolis, Minn. Door check. 2,108,511; Feb. 15.

Quaedvlieg, Matthias. (See Rieche, A., Brodersen, Quaedvlieg, and Maier-Bode.)

Quarnstrom, Bert L., Grosse Pointe Farms, Mich. Tubing clip. 2,108,347; Feb. 15.

Radio Condenser Company. (See Noller, Friedrich C., assignor.)

Radio Corporation of America. (See Bedford, A. V., and Kell, assignors.)

Radio Corporation of America. (See Henry, Thomas J., assignor.)

Radio Corporation of America. (See Leverens, Humboldt W., assignor.)

Radio Corporation of America. (See Lindenblad, Nils E., assignor.)

Radio Corporation of America. (See Shardlow, Lawrence R., assignor.)

Radio Corporation of America. (See Tolson, William A., assignor.)

Radio Corporation of America. (See Unk, Jacob M., assignor.)

Radio Corporation of America. (See von Ardenne, Manfred, assignor.)

Radio Patents Corporation. (See Lora, Luis A., assignor.)

Ramsay, W. Beattie. (See McNally, Malcolm R., assignor.)

Ramsey, Allan, Evanston, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Cross arm mounting hanger. 2,108,348; Feb. 15.

Randa, General Conrad, et al., executors. (See Lederer, Anton.)

Randolph Cary H., St. Louis, Mo. Music chart. 2,108,208; Feb. 15.

Rasmussen, Frank H., assignor to Magill-Weinsheimer Company, Chicago, Ill. Advertising device and mailing tube. 2,108,349; Feb. 15.

Rau, Martin. (See Wolf, B., Kling, and Rau.)

Rawlins, Herbert L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,108,550; Feb. 15.

Raymond, Gwynne, assignor to Black, Sivalls & Bryson, Inc., Oklahoma City, Okla. Valve. 2,108,234; Feb. 15.

Reece Folding Machine Company. (See Gilbert, Alfred G., assignor.)

Reed, Stephen A. (See Drew, R. L., and Reed.)

Reeves Pulley Company. (See Perry, William R., assignor.)

Reichenbach, Howard F., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Producing parts for lipsticks and the like. 2,108,512; Feb. 15.

Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Assembling portions of hollow articles. 2,108,209; Feb. 15.

Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Enameled plaque and making same. 2,108,444; Feb. 15.

Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Receptacle. 2,108,445; Feb. 15.

Rellstab, Ludwig. (See Fischer, F., and Rellstab.)

Remington Rand Inc. (See Lasker, William W., assignor.)

Remington Rand Inc. (See Mixer, Harold P., assignor.)

Rents, Frank B., Wells, Minn., assignor of one-half to W. E. Fantle, La Crosse, Wis. Portable self-contained cooling apparatus. 2,108,320; Feb. 15.

Rice, Paul E., Lincoln, Nebr. Air conditioner for motor vehicles. 2,108,391; Feb. 15.

Richardson, Harlow T., North Plainfield, N. J., assignor to the Ruberoid Co., New York, N. Y. Fastener for attaching corrugated covering sheets. 2,108,611; Feb. 15.

Richardson, Harlow T., North Plainfield, N. J., assignor to The Ruberoid Co., New York, N. Y. Clip for securing corrugated roof or siding sheets. 2,108,612; Feb. 15.

Rickenbacher, Robert J., Columbus, assignor to The Kilgore Mfg. Company, Westerville, Ohio. Toy pistol. 2,108,269; Feb. 15.

Riddle, Herbert S., Springfield, Mass. Golf ball and the like. 2,108,321; Feb. 15.

Rider, Ernest G., assignor to Stokes and Smith Company, Summerdale, Philadelphia, Pa. Adhesive applying mechanism. 2,108,613; Feb. 15.

Rieche, Alfred, Wolfen, Kreis Bitterfeld, and K. Brodersen, M. Quaedvlieg, and H. Maier-Bode, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Assistant for the treatment of textiles. 2,108,725; Feb. 15.

Ritchie, Everett J. (See Harner, H. R., Schnitz, and Ritchie.)

Ritter, Heinrich, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Acid wool dyestuffs. 2,108,142; Feb. 15.

Ritz-Woller, Oliver C., Chicago, Ill. Reflector device. 2,108,446; Feb. 15.

Robinson, Van K., Bremerton, Wash. Pipe joint welding clamp. 2,108,077; Feb. 15.

Rockwell, Hugh M., Freeport, N. Y. Aircraft and engines therefor. 2,108,411; Feb. 15.

Rocuskie, Edward, New York, N. Y. Mechanical toy. 2,108,726; Feb. 15.

Rodell, C. Herman, et al. (See Cornwell, Leroy, assignor.)

Rodier, Waldo E. (See Choate, R. E., Rodier, and Leech.)

Rogers, Clarence T., assignor to E. T. Condon, New York, N. Y. Fluid-operated change-speed gear. 2,108,270; Feb. 15.

Rogers, Kenneth S., Niles Township, Berrien County, assignor to Niles Metalcraft Company, Niles, Mich. Mop. 2,108,727; Feb. 15.

Röhm & Haas Company. (See Schummer, A., and Trommsdorff, assignors.)

Rosch, Arthur, Brieselang, near Nauen, and H. Neumann, Berlin-Wilmersdorf, Germany, assignors to General Electric Company. Extraction turbine arrangement. 2,108,614; Feb. 15.

Rosenberg, Stig E., Brockton, Mass. Apparatus for trimming or pinking leather or the like. 2,108,178; Feb. 15.

Rosenberg, Stig E., Brockton, Mass. Perforating machine and operating the same. 2,108,447; Feb. 15.

Rosenberger, William A., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,108,210; Feb. 15.

Rosenberger, William A., and W. L. Keefer, Hagerstown, Md., assignors to Pangborn Corporation. Abrading machine. 2,108,211; Feb. 15.

Rosenstein Bros. (See Rosenstein, Charles, assignor.)

Rosenstein, Charles, assignor to Rosenstein Bros., Paterson, N. J. Making textile fabrics. 2,108,565; Feb. 15.

Ross, Archibald S. (See Monk, R. H., and Ross.)

Roth, Karl, Terre Haute, Ind. Metal roofing. 2,108,350; Feb. 15.

Roualet, Andre J. E., assignor to Chrysler Corporation, Detroit, Mich. Automatic choke. 2,108,296; Feb. 15.

Royal, Joseph N., assignor, by mesne assignments, to F. N. Burt Company Inc., Buffalo, N. Y. Powder box. 2,108,551; Feb. 15.

Ruberoid Co., The. (See Richardson, Harlow T., assignor.)

Ruckel, Erwin, Richmond Hill, assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y. Flat knitted stocking welt. 2,108,615; Feb. 15.

Rudin, Karl V., Stockholm, Sweden. Calculating machine. 2,108,596; Feb. 15.

Ruffino, Peter, Brooklyn, N. Y. Brake. 2,108,235; Feb. 15.

Runkel, William H. (See Smith, A. E., and Runkel.)

Ruppricht, Siegfried, et al. (See Seyfarth, Alfred, assignor.)

Ruschig, Heinrich. (See Bockmühl, M., Ehrhart, and Ruschig.)

Russell, Thomas K., New York, N. Y., assignor to The Plow-Wake Corporation. Rotary attachment for tractor plows. 2,108,078; Feb. 15.

Rutherford, John T., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Purification of naphthenic acids. 2,108,448; Feb. 15.

Ryder, Frank P., deceased, by S. M. Ryder, executor, assignor to Chisholm-Ryder Company, Inc., Niagara Falls, N. Y. Bean snipping machine. 2,108,179; Feb. 15.

Ryder, Stephen M., executor. (See Ryder, Frank P., assignor.)

Salberg, Karl. (See Crichton, James V., assignor.)

Samuel, Howard H., Hackettstown, N. J. Channel-iron bending apparatus. 2,108,271; Feb. 15.

Sanders, Arthur F., assignor of one-half to John Fowler & Company (Leeds) Limited, Leeds, England. Cylinder liner for internal-combustion engines. 2,108,392; Feb. 15.

Sanders, Cary B., Washington, D. C. Staff-controlled baby walker. 2,108,566; Feb. 15.

Sapunar, Joseph M., San Mateo, Calif. Holder for string. 2,108,449; Feb. 15.

Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Rotary hook for sewing machines. 2,108,412; Feb. 15.

Saunders, Norman H., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Motor starting system. 2,108,143; Feb. 15.

Schaefer, Vincent J., Schenectady, N. Y., assignor to General Electric Company. Treatment of materials. 2,108,616; Feb. 15.

Schafer, Robert A., assignor to The National Automatic Tool Company, Richmond, Ind. Machine tool. 2,108,297; Feb. 15.

Schafer, Robert A., C. H. Muhl, E. E. Opel, and J. B. Beissman, assignors to The National Automatic Tool Company, Richmond, Ind. Multiple machine tool. 2,108,779; Feb. 15.

Schart, Frank W., Western Springs, assignor to McGraw Electric Company, Chicago, Ill. Electric cooking appliance. 2,108,298; Feb. 15.

Schauer, Lawrence L., Wyoming, and J. H. McKewen, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Submerged motor. 2,108,780; Feb. 15.

Schauer, Lawrence L., Wyoming, and J. H. McKewen, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Cylinder mounting for hydraulic motors. 2,108,781; Feb. 15.

Schellens, Eugene L., Ridgewood, assignor to The Shellwood-Johnson Company, Paterson, N. J. Metal-walled vacuum chamber or container. 2,108,212; Feb. 15.

Scherer, Otto. (See Müller, F., Scherer, and Schumacher.)

Scheuermann, Hans. (See Eisenmann, K., and Scheuermann.)

Schey, Oscar W., Hampton, Va., and G. T. Hemmeter, Washington, D. C. Fuel pump for internal combustion engines. 2,108,079; Feb. 15.

Scheyer, Heinz, Frankfort-on-the-Main, and E. Schwamberger, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs containing nitrogen and making same. 2,108,144; Feb. 15.

Scheyer, Heinz, Frankfort-on-the-Main, and E. Schwamberger, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation products of the anthraquinone series. 2,108,412; Feb. 15.

Schilling, Willard G., Lima, assignor to The Wessel Bait Company, Cincinnati, Ohio. Artificial fishing bait. 2,108,728; Feb. 15.

Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Closure and weather stripping therefor. 2,108,450; Feb. 15.

Schlegel Manufacturing Company, The. (See Schlegel, Charles P., assignor.)

Scholler, Heinrich, Munich-Solln, and R. Eickemeyer, Munich, Germany. Method of and apparatus for the saccharification of substances containing cellulose. 2,108,567; Feb. 15.

Schoneberger, Arthur W., Cincinnati, Ohio. Fountain pen. 2,108,552; Feb. 15.

Schramm, Albert A. and A. A. Schramm, Chicago, Ill. Brake. 2,108,180; Feb. 15.

Schramm, Arthur A. (See Schramm, Albert A. and A. A.)

Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,108,617; Feb. 15.

Schultz, Frederick H. (See Harner, H. R., Schultz, and Ritchie.)

Schultz, John A., Jr., deceased, and J. A. Zapf; M. T. Schultz, executrix of the estate of said Schultz, assignors to Schultz Machine Company, Toledo, Ohio. Casting metals. 2,108,060; Feb. 15.

Schultz Machine Company. (See Schultz, J. A., Jr., and Zapf, assignors.)

Schultz, Mary T., executrix. (See Schultz, John A., Jr., and Zapf.)

Schuls, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Dowel means for roadway expansion joints. 2,108,393; Feb. 15.

Schumacher, Henry. (See Jones, G. L., Drake, and Schumacher.)

Schumacher, Willy. (See Müller, F., Scherer, and Schumacher.)

Schummer, August, Giessen, and E. Trommsdorff, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparing anatomical casts of human and animal organs. 2,108,181; Feb. 15.

Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Measuring apparatus. 2,108,414; Feb. 15.

Schwamberger, Emil. (See Scheyer, H., and Schwamberger.)

Schweitzer & Conrad, Inc. (See Ramsey, Allan, assignor.)

Schweizerische Lokomotiv- & Maschinenfabrik. (See Weber, Fritz J., assignor.)

Scott, Henry, New York, N. Y. Finger exercising device. 2,108,236; Feb. 15.

Scott, Norman D., and J. F. Walker, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenated products. 2,108,213; Feb. 15.

Sealkote Corporation. (See Lauter, Felix, assignor.)

Searle, Dudley F., Oakland, Calif. Power brake system. 2,108,182; Feb. 15.

Sears, Roebuck and Co. (See Snow, Adolph J., assignor.)

Selesneff, Leonid L., New York, N. Y. Envelope. 2,108,451; Feb. 15.

Seljesaeter, Kaare S., Bergen, Norway, assignor to Western Electric Company, Incorporated, New York, N. Y. Hard alloy. 2,108,618; Feb. 15.

Sewell, Jesse M., Villegreen, assignor of one-half to O. E. Sewell, Leadville, Colo. Trap drum, cymbal, and triangle beater. 2,108,693; Feb. 15.

Sewell, Ole E. (See Sewell, Jesse M., assignor.)

Seyfarth, Alfred, Altenburg, Germany, assignor to C. L. Gulick and S. Ruppricht, New York, N. Y. Combined valve and pressure gauge. 2,108,272; Feb. 15.

Shabaker, Hubert A., Media, Pa., and E. C. Lasslat, Woodbury, N. J., assignors to Houdry Process Corporation, Dover, Del. Temperature control of contact masses and apparatus therefor. 2,108,081; Feb. 15.

Shardlow, Lawrence R., Kearny, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Ceramic insulator and making the same. 2,108,513; Feb. 15.

Sharpe, John S., Haverford, Pa. Transmission mechanism. 2,108,082; Feb. 15.

Sharpe, John S., Haverford, Pa. Transmission mechanism. 2,108,083; Feb. 15.

Sharpe, Ruth E., et al., executrices. (See Colvin, William, Jr.)

Shell Development Company. (See Broese, Johannes J., assignor.)

Shell Development Company. (See van Wijk, Willem R., assignor.)

Shellwood-Johnson Company, The. (See Schellens, Eugene L., assignor.)

Shoe Form Co. (See De Witt, William J., assignor.)

Short, Bladen M., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Wheel assembly. 2,108,145; Feb. 15.

Shuger, Leroy W., assignor to Baltimore Paint and Color Works, Inc., Baltimore, Md. Polishing composition. 2,108,214; Feb. 15.

Shurley, Frederick, Salt Lake City, Utah, assignor to Ceramic Machinery Distributors Limited, Windsor, Ontario, Canada. Machine for printing directly on metal or glass and the like. 2,108,597; Feb. 15.

Sibley, Robert L., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Vulcanization of rubber. 2,108,742; Feb. 15.

Siemens Brothers & Company Limited. (See Edwards, Henry J., assignor.)

Siemens Brothers & Company Limited. (See Patterson, W. G., and Dixon, assignors.)

Siemens & Halske Aktiengesellschaft. (See Fischer, F., and Bellstab, assignors.)

Silver, Walter H., assignor to Deere & Company, Moline, Ill. Plow. 2,108,251; Feb. 15.

Simister, Louis W., Astoria, N. Y. Moccasin. 2,108,415; Feb. 15.

Simmons Hardware Company. (See Thompson, Thomas C., assignor.)

Simpson, Lancelot M., Thorner, near Leeds, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Ratio computer. 2,108,148; Feb. 15.

Sims, Lena D. (See Hardin, M. S., and Sims.)

Singer Manufacturing Company, The. (See Painter, Roy S., assignor.)

Sjoberg, John G., assignor to Pacific Coast Engineering Company, Inc., Oakland, Calif. Dredge pipe Y valve. 2,108,183; Feb. 15.

Small, Edward F., Newtonville, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Machine for treating heel seats of shoes. 2,108,373; Feb. 15.

Smith, Abram E., and W. H. Runkel, assignors to Union Tank Car Company, Chicago, Ill. Car. 2,108,416; Feb. 15.

Smith, Alexander M., and L. H. Strayer, Kent, assignors to The Lamson & Sessions Company, Cleveland, Ohio. Article feeding device. 2,108,694; Feb. 15.

Smith, George W., assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Separating inorganic salts from solutions. 2,108,783; Feb. 15.

Smith, Harold C., assignor of one-half to R. C. Johnson, West Orange, N. J. Metal cutting tool. 2,108,237; Feb. 15.

Smith, Henry B., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Cellulose mixed ester compositions containing higher fatty acid esters. 2,108,453; Feb. 15.

Smith, Jacob A., River Forest, Ill. Piercing die. 2,108,619; Feb. 15.

Smith, William L., Jr. (See Lawson, R. H., and Smith.)

Smith, William M. (See Parks, P. B., and Smith.)

Snow, Adolph J., Evanston, assignor to Sears, Roebuck and Co., Chicago, Ill. Radio receiver. 2,108,729; Feb. 15.

Société Anonyme des Ateliers de Sécheron. (See Meyfarth, Gottlieb, assignor.)

Société Anonyme d'Etudes des Brevets et Procédés Coanda-Société Coanda. (See Coanda, Henri, assignor.)

Socony-Vacuum Oil Company. (See Dunham, George S., assignor.)

Soelch, George F. (See Ladewig, A. E., and Soelch.)

Speas Mfg. Co. (See Speas, V. E., and Mnookin, assignors.)

Speas, Victor E. (See Mnookin, N. M., and Speas.)

Speas, Victor E., and N. M. Mnookin, Kansas City, Mo., assignors to Speas Mfg. Co. Making lead arsenate in finely divided form. 2,108,553; Feb. 15.

Speer, Walter, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of amines. 2,108,147; Feb. 15.

Spencer, Guy, Heyworth, Ill. Mail carrier. 2,108,453; Feb. 15.

Sperry Products, Inc. (See Drake, H. C., and De Lanty, assignors.)

Sperry Products, Inc. (See Jones, G. L., Drake, and Schumacher, assignors.)

Spies, Brothers, Inc. (See White, J. H., and Fitzner, assignors.)

Spinner, Isidore. (See Nelson, C. B., and Spinner.)

Standard Car Truck Company. (See Webb, Edwin W., assignor.)

Standard Oil Company. (See Atwell, Harold V., assignor.)

Standard Oil Company. (See Brunstrum, Lawrence C., assignor.)

Standard Oil Company. (See Brunstrum, L. C., and Adams, assignors.)

Standard Oil Company. (See Musselman, J. M., and McConnell, assignors.)

Standard Oil Company. (See Stockdale, Thomas E., assignor.)

Standard Oil Company. (See Sullivan, Frederick W., Jr., assignor.)

Standard Oil Company. (See Watts, George W., assignor.)

Standard Oil Company of California. (See Rutherford, John T., assignor.)

Stanley, Paul H., Glenside, assignor to Autogiro Company of America, Willow Grove, Pa. Air rotor particularly for aircraft. 2,108,417; Feb. 15.

Steak, Samuel. (See Bleuel, W. H., and Steak.)

Steen, Harford K., Newburgh, N. Y. Making handled shopping bags. 2,108,148; Feb. 15.

Steffen, Elmer G., Cleveland Heights, Ohio, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Gas cock. 2,108,299; Feb. 15.

Steinman, Louis E., Cincinnati, Ohio. Signaling device for vehicles. 2,108,454; Feb. 15.

Steinmüller, Lebrecht, Gummersbach, Germany. Furnace grate. 2,108,394; Feb. 15.

Stewart, Rollen F., et al. (See Cornwell, Leroy, assignor.)

Stewart-Warner Corporation. (See Le Fevre, Arden W., assignor.)

Stief, Karl, and R. K. Evans, Russelsheim-on-the-Main, Germany, assignors to General Motors Corporation, Detroit, Mich. Automobile body. 2,108,215; Feb. 15.

Stöber, Wolfgang, Berlin-Pankow, Germany, assignor to General Electric Company. Control of alternating-current commutator motors. 2,108,620; Feb. 15.

Stockdale, Thomas E., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Storage tank. 2,108,784; Feb. 15.

Stoker, Robert. (See McElhaney, J. E., and Stoker.)

Stokes and Smith Company. (See Rider, Ernest G., assignor.)

Stone, Herbert G., Kingsport, Tenn., and C. J. Malm, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Rendering a textile material resistant to moisture. 2,108,455; Feb. 15.

Straits, John F., assignor to National Airoil Burner Company, Incorporated. Oil burning. 2,108,621; Feb. 15.

Strayer, Lawrence H. (See Smith, A. M., and Strayer.)

Strelow, Henry A., assignor to The Heil Co., Milwaukee, Wis. Closure. 2,108,238; Feb. 15.

Stresoff, Bogois, Minneapolis, Minn. Collapsible coat hanger. 2,108,622; Feb. 15.

Strickland, Royce M., assignor to The Geometric Tool Company, New Haven, Conn. Chaser holder for die heads. 2,108,149; Feb. 15.

Stringer, Louis C., Chicago, Ill., assignor to Electronics Supply Corp. Rare gas salvaging device. 2,108,216; Feb. 15.

Stringer, Louis C., Chicago, Ill., assignor to Electronics Supply Corp. Tube cutting device. 2,108,217; Feb. 15.

Strobridge, William, Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Drying apparatus. 2,108,084; Feb. 15.

Stroup, Philip T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Making aluminum base alloys. 2,108,085; Feb. 15.

Stulz, Harvey C., Washington, D. C. Smoking device. 2,108,218; Feb. 15.

Stupell, Leo K. (See Bangs, Ralph C., assignor.)

Sturtevant, B. F., Company. (See Bentley, Oliver D. H., assignor.)

Sturtevant, B. F., Company. (See Hagen, Harold F., assignor.)

Submarine Signal Company. (See Turner, Edwin E., Jr., assignor.)

Sullivan, Dan, Fort Worth, assignor to Pollock Paper & Box Company, Dallas, Tex. Box. 2,108,300; Feb. 15.

Sullivan, Frederick W., Jr., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion process. 2,108,395; Feb. 15.

Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)

Sullivan Machinery Company. (See Joy, Joseph F., assignor.)

Summers, Caleb E., Pontiac, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Motor mounting. 2,108,515; Feb. 15.

Summers, Caleb E., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Valve mechanism. 2,108,514; Feb. 15.

Sund, Alfred D., Santa Rosa, Calif. Mop renovator. 2,108,352; Feb. 15.

Sundstrand Machine Tool Co. (See Svenson, Ernest J., assignor.)

Sutcliffe, Edgar R., Lowton, Newton-le-Willows, England. Adsorption apparatus. 2,108,730; Feb. 15.

Svenson, Ernest J., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Feeding mechanism. 2,108,353; Feb. 15.

Swanson, Floyd A., assignor to Barnes Drill Co., Rockford, Ill. Blind end cylinder honing machine. 2,108,354; Feb. 15.

Swart, Leland K., Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company. Gas tube circuits. 2,108,219; Feb. 15.

Swebilius, Carl G., New Haven, Conn. Sight for firearms. 2,108,150; Feb. 15.

Swift, Joseph H., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Push-out apparatus for billets. 2,108,355; Feb. 15.

Sykes, Charles, Timperley, and W. Needham, Sale, England, assignors to General Electric Company. Electric heater. 2,108,623; Feb. 15.

Sykes, William E., Buffalo, N. Y. Cutter sharpening machine. 2,108,239; Feb. 15.

Symington-Gould Corporation, The. (See Barrows, Donald, S., assignor.)

Symington-Gould Corporation, The. (See Couch, Glenn F., assignor.)

Takata, Akira, Toyotsu-Mura, Kyoto-Gun, Fukuoka-Ken, Japan. Hemp dressing machine. 2,108,568; Feb. 15.

Talon, Inc. (See Wintritz, George, assignor.)

Tapley, William, Totton, Southampton, England. Pendulum control instrument. 2,108,696; Feb. 15.

Taube, Carl. (See Honold, E., and Taube.)

Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Extension control means for tool guides. 2,108,066; Feb. 15.

Tautz, Herbert E., and M. Heinrich, Milwaukee, Wis., assignors to said H. E. Tautz. Stock feeding apparatus for screw-machines. 2,108,274; Feb. 15.

Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Filling mechanism for electric fuses. 2,108,301; Feb. 15.

Teeter, Ralph J., Cadillac, Mich. Clamp. 2,108,151; Feb. 15.

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, Fritz, assignor.)

Texas Company, The. (See Kaufman, Gus, assignor.)

Textile Machine Works. (See Janssen, Henry, assignor.)

Thayer, Clarence H., Wallingford, Pa., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington Del. Apparatus for contact treatment of materials. 2,108,067; Feb. 15.

Thearle, Ernest L., Schenectady, N. Y., assignor to General Electric Company. Dynamically balancing rotatable body. 2,108,624; Feb. 15.

Thomas, Norman M., Brooklyn, N. Y., assignor to Joe Lowe Corporation. Wrapped frozen confection. 2,108,418; Feb. 15.

Thompson, B. L., Chair Corporation. (See Brasell, J. J., and Brosman, assignors.)

Thompson, Harlan E., Alpine, Calif. Automatic grading scale. 2,108,731; Feb. 15.

Thompson, Norman A. D., and J. W. Pagen, assignors to Park, Ward & Company Limited, London, England. Automobile body. 2,108,456; Feb. 15.

Thompson, Ralph E., Brookline, and C. J. Emerson, Winchester, Mass., and B. G. Jansson, Kittery Point, Maine, assignors to Emerson Apparatus Company, Melrose, Mass. Safety razor. 2,108,758; Feb. 15.

Thompson, Thomas C., University City, assignor to Simons Hardware Company, St. Louis, Mo. Merchandise display unit. 2,108,516; Feb. 15.

Thomsen, William A. V., Plainfield, N. J., C. G. Gross, Mount Vernon, N. Y., and W. S. Luel, Linden, N. J., assignors, by mesne assignments, to American Machine & Metals, Inc., New York, N. Y. Spiral curl heater. 2,108,240; Feb. 15.

Thomson, Judson L., Mfg. Co. (See Townley, J. R., and Mauntel, assignors.)

Thomson, S. H., Manufacturing Company, The. (See Carnahan, Ralph W., assignor.)

Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Weather guard. 2,108,322; Feb. 15.

Tilden, Bert O., Trenton, N. J. Water closet combination. 2,108,625; Feb. 15.

Tile-Tex Company, The. (See Johnston, Walter S., assignor.)

Tindula, Roy W. (See Egeberg, B., and Tindula.)

Titanium Steel Alloy Company. (See Crist, Donald M., assignor.)

Tobia, Vincent, Chandlers Ford, assignor to Pirelli-General Cable Works Limited, London, England. Apparatus for automatically feeding metal pigs. 2,108,457; Feb. 15.

Togami, Nobufumi, Saga-shi, Japan. Electric hair clipper. 2,108,569; Feb. 15.

Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. Electrical control apparatus. 2,108,152; Feb. 15.

Townley, James R., Chamois, and A. J. Mauntel, Washington, Mo., assignors to Judson L. Thomson Mfg. Co., Inc., Waltham, Mass. Work feeding device. 2,108,626; Feb. 15.

Tricolor, Inc. (See Jones, Charles F., assignor.)

Trilling, Jacques G. (See Jofeh, E. J., and Trilling.)

Trommsdorff, Ernst. (See Schummer, A., and Trommsdorff.)

Trotter, Odie B., Houma, La. Whipstock. 2,108,419; Feb. 15.

Troutner, Franklin M., San Jose, Calif. Mixing and molding device. 2,108,696; Feb. 15.

Truscon Steel Company. (See Schulz, Walter F., assignor.)

Tschunkur, Eduard. (See Herdieckerhoff, E., and Tschunkur.)

Tufts, Carl R., Detroit, Mich., assignor of one-third to E. L. Powell, Washington, D. C., and one-third to C. E. Motto, Detroit, Mich. Automatic intercept two-channel radio receiver. 2,108,088; Feb. 15.

Turman, Gardner W., assignor to The Gates Rubber Company, Denver, Colo. Antistatic gasoline dispensing nozzle. 2,108,759; Feb. 15.

Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Recording device. 2,108,089; Feb. 15.

Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Apparatus for distance and depth measurement. 2,108,090; Feb. 15.

Twomley, Herbert E., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Variable speed mechanism. 2,108,256; Feb. 15.

Twomley, Herbert E., Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Drive for box lidding machines. 2,108,732; Feb. 15.

Tyler, Herbert B., Evanston, Ill. Automatic corn-popping machine. 2,108,627; Feb. 15.

Udstad, Sigvald P., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Side bearing for articulated cars. 2,108,733; Feb. 15.

Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,108,153; Feb. 15.

Union Special Machine Company. (See Edwards, Russell T., assignor.)

Union Special Machine Company. (See Sauer, George, assignor.)

Union Switch & Signal Company, The. (See Grondahl, Lars O., assignor.)

Union Switch & Signal Company, The. (See Livingston, John W., assignor.)

Union Tank Car Company. (See Smith, A. E., and Runkel, assignors.)

United American Bosch Corporation. (See Allen, William R., III, assignor.)

United Lens Corporation. (See Godley, Charles E., assignor.)

United Shoe Machinery Corporation. (See Besson, Earl A., assignor.)

United Shoe Machinery Corporation. (See Duplessis, René E., assignor.)

United Shoe Machinery Corporation. (See Jorgensen, Jacob C., assignor.)

United Shoe Machinery Corporation. (See Nutt, William H., assignor.)

U. S. Blind Stitch Machine Corporation. (See Buono, Mario, assignor.)

United States Hoffman Machinery Corporation. (See Strobridge, William, assignor.)

United States Metallic Packing Company, The. (See Light, E. A., and Price, assignors.)

Universal Engraving & Colorplate Company, The. (See Betts, Gilbert A., assignor.)

Universal Oil Products Company. (See Calderwood, Allan H., assignor.)

Universal Oil Products Company. (See Mekler, Lev A., assignor.)

Unk, Jacob M., Eindhoven, Netherlands, assignor to Radio Corporation of America. Receiver. 2,108,458; Feb. 15.

Van Antwerp, Arthur C., Chicago, assignor to Eastern Illinois Clay Company, St. Anne, Ill. Building tile. 2,108,396; Feb. 15.

Van Atta, Arthur A., Marion, Ohio. Door structure. 2,108,697; Feb. 15.

Van Loon, Carel J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Receiver tuning circuits. 2,108,154; Feb. 15.

Van Loon, Carel J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Automatic tuning control. 2,108,420; Feb. 15.

Van Sciver, Josiah H., Elkins Park, assignor to Bethlehem Foundry & Machine Company, Bethlehem, Pa. Oil burner. 2,108,734; Feb. 15.

Van Urk, Arend T. (See Vermeulen, R., and Van Urk.)

Van Wijk, Willem R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Fractionating hydrocarbon oils. 2,108,629; Feb. 15.

Vapor Car Heating Company. (See Parks, P. B., and Smith, assignors.)

Vaughan Motor Company. (See Weiss, Samuel, assignor.)

Vermeulen, Roelof, and A. T. Van Urk, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electromagnetic device and making same. 2,108,275; Feb. 15.

Victor Metal Products Corporation. (See Prussing, Walter, assignor.)

Von Ardenne, Manfred, Berlin, Germany, assignor, by mesne assignments, to Radio Corporation of America. Cathode ray device. 2,108,091; Feb. 15.

Von Hofe, George W., Bound Brook, N. J., and B. D. Dana, Brooklyn, N. Y., assignors to New Jersey Machine Corporation, Hoboken, N. J. Elevating mechanism. 2,108,628; Feb. 15.

Von Thyssen-Bornemisza, Stephan B., The Hague, Netherlands. Gravitational instrument. 2,108,421; Feb. 15.

Voorhees, Laurence E., Washington, D. C. Weather and carpet strip. 2,108,459; Feb. 15.

Wade, Henry N. (See Martin, A. B., and Wade.)

Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Dual orifice feeder. 2,108,517; Feb. 15.

Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Method and apparatus for severing molten glass. 2,108,518; Feb. 15.

Wadsworth, Lewis L., Winchester, Mass. Joint compound. 2,108,276; Feb. 15.

Waechter, Charles B. (See Martin, A. B., and Waechter.)

Wagner, Frederick P., assignor of one-half to A. J. Brauer, St. Louis, Mo. Shoe. 2,108,631; Feb. 15.

Walker, Avery W., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Grinding device. 2,108,650; Feb. 15.

Walker, Joseph F. (See Scott, N. D., and Walker.)

Walker, Joseph W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reacting hydrocarbons with alkali metals. 2,108,277; Feb. 15.

Wallace, Leta, Kansas City, Mo. Footstool. 2,108,241; Feb. 15.

Wallace, Leta, Kansas City, Mo. Adjustable cushion. 2,108,242; Feb. 15.

Wallenius, Arthur W., Glendale, Calif. Fountain comb. 2,108,184; Feb. 15.

Walp, Charles F., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y., Shaker chute construction. 2,108,698; Feb. 15.

Walther, Fritz, Plauen i. V., Germany. Boring bar. 2,108,699; Feb. 15.

Washburn, Edward W., deceased, Washington, D. C.; L. R. Alden, executor of said E. W. Washburn, assignor to American Security and Trust Company, trustee, Washington, D. C. Kinds of water and producing them. 2,108,570; Feb. 15.

Watts, George W., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Heating hydrocarbon fluids. 2,108,397; Feb. 15.

Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Side bearing for car trucks. 2,108,220; Feb. 15.

Webber, Calvin R., Brooklyn, N. Y., assignor to Packers Tar Soap, Inc. Package. 2,108,278; Feb. 15.

Weber, Fritz J., assignor to firm Schweizerische Lomotiv- & Maschinenfabrik, Winterthur, Switzerland. Device for printing hand-composed odd type. 2,108,857; Feb. 15.

Weezel Bait Company, The. (See Schilling, Willard G., assignor.)

Weigt, Paul, Berlin-Reinickendorf, assignor to Allgemeine Elektricitäts Gesellschaft, Berlin, Germany. Stem assembly for electron discharge devices. 2,108,519; Feb. 15.

Weiher, George F., assignor to General Motors Corporation, Dayton, Ohio. Seal for refrigerating apparatus. 2,108,760; Feb. 15.

Weiss, Samuel, assignor to Vaughan Motor Company, Inc., Portland, Oreg. Logging trailer. 2,108,323; Feb. 15.

Wendt, Bruno, Dessau, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Photographic developer. 2,108,243; Feb. 15.

Western Electric Company. (See Cherry, G. L., and Dupre, assignors.)

Western Electric Company. (See Franz, Erwin E., assignor.)

Western Electric Company. (See McDonough, John, assignor.)

Western Electric Company. (See Seljesaeter, Kaare S., assignor.)

Westinghouse Electric & Manufacturing Company. (See Baker, S. C., and Grover, assignors.)

Westinghouse Electric & Manufacturing Company. (See Kesselring, Fritz, assignor.)

Westinghouse Electric & Manufacturing Company. (See Mabry, Forrest S., assignor.)

Westinghouse Electric & Manufacturing Company. (See Rawlins, Herbert L., assignor.)

Weston, Frederick H., Bridgeport, Conn., assignor to General Electric Company. Double ended socket. 2,108,632; Feb. 15.

Westvaco Chlorine Products Corporation. (See Price, Whitfield, assignor.

Wheat, Thomas E. M., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Motor vehicle frame. 2,108,279; Feb. 15.

Wheatley, John E., Norwood, Ohio. Bar soap dispenser. 2,108,092; Feb. 15.

White, Frank P., Minneapolis, Minn. Weatherproof masonry joint. 2,108,358; Feb. 15.

White, Joseph H., and A. Fitzner, assignors to Spies Brothers, Inc., Chicago, Ill. Finger ring or the like. 2,108,324; Feb. 15.

Wicaco Machine Corporation, The. (See Laird, Joseph P., assignor.)

Wiedeman, Stanhope, Lexington, Ky. Piano music-reproduction attachment. 2,108,571; Feb. 15.

Wiegand, Kurt, Berlin-Hohen-Neuendorf, and F. Göritz, Berlin, Germany, assignors to General Electric Company. Fitting for tubular incandescent lamps. 2,108,633; Feb. 15.

Wildhaber, Ernest, Irondequoit, assignor to Gleason Works, Rochester, N. Y. Cutting gears. 2,108,244; Feb. 15.

Wilkinson, George H., Windsor, Ontario, Canada. Wearplate for rubber overshoes and the like. 2,108,572; Feb. 15.

Willard, George T., Chicago, Ill. Tie plate and rail cushion retainer. 2,108,460; Feb. 15.

Williams, Diana P., Boston, Mass. Hose supporter. 2,108,461; Feb. 15.

Wilms, Gustav O., assignor to Allen-Bradley Company, Milwaukee, Wis. Mechanical interlock. 2,108,634; Feb. 15.

Wilson-Jones Company. (See Unger, Paul O., assignor.)

Winchester Repeating Arms Company. (See Lewis, George S., assignor.)

Winford, Orion P., assignor to Brown & Bigelow, St. Paul, Minn. Calendar. 2,108,221; Feb. 15.

Winthrop Chemical Company. (See Bockmühl, M., Ehrhart, and Ruschig, assignors.)

Wintrits, George, Springdale, Conn., assignor to Talon, Inc. Slider for fasteners. 2,108,185; Feb. 15.

Wirth, Emil H., assignor to the firma Emil Wirth Wirkmaschinenfabrik, Hartmannsdorf, near Chemnits, Germany. Fabric take-up device for flat warp knitting machines. 2,108,737; Feb. 15.

Wirth, Emil, Kirkmaschinenfabrik. (See Wirth, Emil H., assignor.)

Wirth, Emil, Kirkmaschinenfabrik. (See Wirth, Herbert, assignor.)

Wirth, Herbert, assignor to the firma Emil Wirth Wirkmaschinenfabrik, Hartmannsdorf, near Chemnits, Germany. Manufacturing Milanese warp fabric. 2,108,735; Feb. 15.

Wirth, Herbert, assignor to the firma Emil Wirth Wirkmaschinenfabrik, Hartmannsdorf, near Chemnits, Germany. Presser arrangement for warp knitting machines. 2,108,736; Feb. 15.

Wiswall, William J., Portland, Oreg., assignor, by mesne assignments, to American Sales Book Company, Inc. Continuous manifolding strip supplies. 2,108,462; Feb. 15.

Wolf, Bruno, and W. Kling, Chemnits, and M. Rau, Rabenstein N/Chemnits, assignors to Bohme Fettchemie-Gesellschaft, Chemnits, Germany. Textile and method of finishing. 2,108,520; Feb. 15.

Wolff, Robert. (See Eibert, Fritz, assignor.)

Wood, Alan, Steel Company. (See Lawrence, Victor H., assignor.)

Woodman, Charles K., Beverly, Mass. Synchronising internal combustion engine. 2,108,422; Feb. 15.

Woolens, Roy E., assignor to Parker-Wolverine Company, Detroit, Mich. Wood graining apparatus. 2,108,155; Feb. 15.

Worts, Charles G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of ketones. 2,108,156; Feb. 15.

Wray, Charles S., Atlantic Highlands, N. J. Seat suspension for vehicles. 2,108,222; Feb. 15.

Wright, Charles F., Akron, Ohio, assignor to The Diamond Match Company, New York, N. Y. Machine for packing book matches. 2,108,280; Feb. 15.

Yorke, James R. (See Hale, F. C., and Yorke.)

Yost, Samuel H. (See Levin, N. D., and Yost.)

Young, Fred M., Racine, Wis. Air cooling device for compressors. 2,108,223; Feb. 15.

Youngstown Steel Door Company, The. (See Ditchfield, Frank, assignor.)

Zapf, John A. (See Schultz, J. A., Jr., and Zapf.)

Zeiss Ikon Aktiengesellschaft. (See Küppenbender, Heins, assignor.)

Ziegler, Charles E., Pittsburgh, Pa. Funis clamp. 2,108,325; Feb. 15.

Zimmerman, Charles H., Hampton, Va. Aircraft. 2,108,093; Feb. 15.

Zomnir, Joseph E., Springfield, Mass., assignor to The Diamond Match Company, Wilmington, Del. Assembling book matches. 2,108,157; Feb. 15.

Zuschlag, Theodor, West Englewood, N. J., assignor to H. T. F. Lundberg, Montreal, Quebec, Canada. Apparatus for electrical prospecting. 2,108,463; Feb. 15.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 15TH DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Scaffold. C. K. Lamb. 20,653; Feb. 15.
Toy, Block. C. J. Hecht. 20,652; Feb. 15.
Tractor, Gasoline. W. Schroeder. 20,654; Feb. 15.
Wheel construction, Vehicle. C. W. Sinclair. 20,655; Feb. 15.

LIST OF PLANT INVENTIONS

Tree, Peach. M. Harpole. 271; Feb. 15.

LIST OF DESIGN INVENTIONS

Badge or similar article. R. W. Hill. 108,442; Feb. 15.
Bank, Savings. J. B. Aronson. 108,487; Feb. 15.
Block or similar article, Building. F. E. Poortinga. 108,455; Feb. 15.
Boot or similar article, Animal. F. P. Ford, A. C. Cope, and A. G. H. Gough. 108,491; Feb. 15.
Bottle. J. C. Fuller. 108,493; Feb. 15.
Bottle. W. R. Kohl. 108,449; Feb. 15.
Bottle. P. G. Lloyd. 108,451; Feb. 15.
Bowl or similar article, Mixing. A. E. Hull. 108,445; Feb. 15.
Brooch pin or similar article. G. Verrecchio. 108,461–71; Feb. 15.
Buckle. J. B. Freysinger. 108,476; Feb. 15.
Burner, Oil. F. E. Herr. 108,577–8; Feb. 15.
Cape. M. Teller. 108,520–1; Feb. 15.
Case for watches, Display. A. S. Braude. 108,420; Feb. 15.
Case, Instrument. H. B. Brown. 108,422; Feb. 15.
Case or the like, Service station display. R. O. Munson. 108,454; Feb. 15.
Casing for a calorimetric device. C. B. Stevens. 108,460; Feb. 15.
Casing for unit heater or similar article. C. R. T. Hess. 108,512; Feb. 15.
Casing, Steering column switch. W. Trautner. 108,502; Feb. 15.
Chair. F. L. Wright. 108,473; Feb. 15.
Clock. F. S. Carpenter. 108,488; Feb. 15.
Clock. G. H. Stephens. 108,482; Feb. 15.
Coat. J. A. Sliverman. 108,516; Feb. 15.
Corset and brassière, Combination. M. Lagussi. 108,514; Feb. 15.
Counter unit or similar article, Lunch. W. W. Stevens. 108,501; Feb. 15.
Cover, Metal box. M. H. Connor. 108,427–30; Feb. 15.
Defrosting device, Windshield. W. A. Ramsay. 108,456; Feb. 15.
Dress. J. Abbate. 108,504–5; Feb. 15.
Dress. T. Coleman. 108,507; Feb. 15.
Dress. J. M. Spar. 108,518–19; Feb. 15.
Dress. M. White. 108,529–30; Feb. 15.
Dress ensemble. H. Berry. 108,506; Feb. 15.
Dress ensemble. P. Fracchia. 108,492; Feb. 15.
Dress ensemble. M. E. Smith. 108,517; Feb. 15.
Dress, Ensemble. J. Tuman. 108,522; Feb. 15.
Dress ensemble. J. Tuman. 108,523; Feb. 15.
Dress ensemble. M. Wagner. 108,528; Feb. 15.
Dress or similar article. L. B. Starr. 108,459; Feb. 15.
Easel, Display. C. J. Rohde. 108,457; Feb. 15.
Fabric, Fringed textile. S. H. Gertner. 108,432; Feb. 15.
Fabric or similar article, Printed textile. M. R. Hamre. 108,427–9; Feb. 15.
Fabric or similar article, Textile. G. Virgile. 108,527; Feb. 15.
Fabric, Textile. J. Granowitz. 108,509–10; Feb. 15.
Fabric, Textile. W. Harm. 108,511; Feb. 15.
Fabric, Textile. J. H. Huelat. 108,513; Feb. 15.
Fabric, Textile. M. Turpan. 108,524–6; Feb. 15.
Fabric, Textile. N. Wiabbow. 108,531; Feb. 15.
Face plate for a see-gauge for liquid-dispensing apparatus. E. H. Bradley. 108,419; Feb. 15.
Flashlight. O. T. Wood. 108,472; Feb. 15.
Fork blade. C. R. T. Hess. 108,495; Feb. 15.
Game board. L. W. Clary. 108,424; Feb. 15.
Glove. S. Shapiro. 108,515; Feb. 15.
Grill. G. A. Hamilton. 108,439; Feb. 15.
Grille, Radiator. J. Oswald. 108,498; Feb. 15.
Handbag. H. Feimann. 108,490; Feb. 15.
Insulator, Electric. R. R. Dalton. 108,489; Feb. 15.
Jug. J. L. Ambrose. 108,417; Feb. 15.
Knob, Steering wheel. R. L. Morton. 108,453; Feb. 15.
Lighter, Cigar. J. Sinko. 108,458; Feb. 15.
Marker, Traffic. J. M. Huff. 108,444; Feb. 15.
Mausoleum. S. O. Colbe. 108,425–6; Feb. 15.
Mirror, lipstick, and powder holder, Combination. S. E. Wallace. 108,485; Feb. 15.
Net, Embroidered. A. Grossman and B. Axelrod. 108,434–5; Feb. 15.
Net, Embroidered. A. Grossman and B. Axelrod. 108,494; Feb. 15.
Panel coupling and supporting clip for use in counter display. P. H. Mayer. 108,497; Feb. 15.
Phonograph. D. C. Rockola. 108,499; Feb. 15.
Scarf, Embroidered lace. J. Goldstein. 108,433; Feb. 15.
Scooter. R. V. Ward. 108,503; Feb. 15.
Shaving device, Electric. J. A. Hanley. 108,440–1; Feb. 15.
Shoe. A. Hurseler. 108,479; Feb. 15.
Shoe. A. A. Kotzin. 108,496; Feb. 15.
Shoe. R. A. Parker. 108,481; Feb. 15.
Shoe. M. Shanser. 108,500; Feb. 15.
Shoe. P. Weinstein. 108,486; Feb. 15.
Shoe or similar article. N. Elkin. 108,474; Feb. 15.
Shoe or similar article. D. E. Levin. 108,480; Feb. 15.
Sign, Interchangeable price. L. Manchan. 108,452; Feb. 15.
Spoon or other article of flatware. M. A. Downs. 108,431; Feb. 15.
Stand, Display. S. Bloomfield. 108,418; Feb. 15.
Stand, Display. H. S. Johnston, Jr. 108,446; Feb. 15.
Sterilising unit or similar article. H. M. Finn. 108,475; Feb. 15.
Sterilising unit or similar article. H. M. Finn and M. Laven. 108,508; Feb. 15.
Stove, Laundry. J. A. Underwood. 108,483–4; Feb. 15.
Table leg. W. Hoffmann. 108,443; Feb. 15.
Tray or similar article. R. A. Kelly. 108,448; Feb. 15.
Tray or similar article, Relish. R. A. Kelly. 108,447; Feb. 15.
Trough, Feeding. N. Gwilt. 108,436; Feb. 15.
Tumbler, Beverage. A. Brill. 108,421; Feb. 15.
Valve or similar control structure, Gas. E. V. Lavallee. 108,450; Feb. 15.
Waffle iron and tray or similar article, Combined. D. Chapman. 108,423; Feb. 15.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 15TH DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abrading apparatus. W. A. Rosenberger. 2,108,210; Feb. 15.
Abrading machine. W. A. Rosenberger and W. L. Keefer. 2,108,211; Feb. 15.
Abrasive articles, Manufacture of flexible. R. C. Bryant. 2,108,645; Feb. 15.
Abrasive blast system, Low pressure. V. E. Minich. 2,108,545; Feb. 15.
Acids, Purification of naphthenic. J. T. Rutherford. 2,108,448; Feb. 15.
Advertising device and mailing tube. F. H. Rasmussen. 2,108,249; Feb. 15.
Adhesive applying mechanism. H. G. Rider. 2,108,613; Feb. 15.
Adsorption apparatus. H. R. Sutcliffe. 2,108,730; Feb. 15.
Aeroplane. W. Colvin, Jr. 2,108,041; Feb. 15.
Air conditioner for motor vehicles. P. E. Rice. 2,108,291; Feb. 15.
Air conditioning device. R. L. Drew and S. A. Reed. 2,108,253; Feb. 15.
Air cooling device for compressors. F. M. Young. 2,108,323; Feb. 15.
Air humidifier for a combustion engine. W. G. Hardt. 2,108,556; Feb. 15.
Air or gas, Conditioning. F. R. Bichowsky. 2,108,248; Feb. 15.
Air with liquids, Apparatus to laden the. W. F. Jones. 2,108,587; Feb. 15.
Aircraft. C. H. Zimmerman. 2,108,093; Feb. 15.
Aircraft and engine therefor. H. M. Rockwell. 2,108,411; Feb. 15.
Aircraft, Launching and beaching of. W. G. Glover. 2,108,747; Feb. 15.
Airplane wing, Gyratory. T. Ash, Jr. 2,108,245; Feb. 15.
Alcohols from the corresponding ketones, Producing high molecular. F. J. McCall. 2,108,123; Feb. 15.
Alignment of dirigible vehicle wheels, Determining the. J. W. Morse. 2,108,288; Feb. 15.
Alloy: *See*—
Hard alloy. Nontarnish alloy.
Alloy. B. Egeberg and R. W. Tindula. 2,108,048; Feb. 15.
Alloys. B. Egeberg and R. W. Tindula. 2,108,050; Feb. 15.
Alloys, Making aluminum base. P. T. Stroup. 2,107,065; Feb. 15.
Alloys, Making steel and iron. D. M. Crist. 2,108,043; Feb. 15.
Alloys, Nontarnish. B. Egeberg and R. W. Tindula. 2,108,049; Feb. 15.
Alternating current motor, Synchronizing. J. A. Balmford. 2,108,038; Feb. 15.
Aluminum reflecting surfaces, Production of. R. B. Mason. 2,108,603; Feb. 15.
Amines, Production of. W. Spear. 2,108,147; Feb. 15.
Ammonium chloride crystals, Production of. C. H. Heimbach. 2,108,377; Feb. 15.
Amusement device. C. F. Cockson. 2,108,430; Feb. 15.
Armor, Body protective. N. D. Holland. 2,108,236; Feb. 15.
Article feeding device. A. M. Smith and L. H. Strayer. 2,108,694; Feb. 15.
Ash receiver. C. Hardy. 2,108,426; Feb. 15.
Assembly rack. G. L. Hall. 2,108,122; Feb. 15.
Assistant for the treatment of textiles. A. Rieche, K. Brodersen, M. Quaedvlieg, and H. Maier-Bode. 2,108,725; Feb. 15.
Atomizer for solid injection engines, Cooled. J. J. Broese. 2,108,647; Feb. 15.
Attachment for tractor plows, Rotary. T. K. Russell. 2,108,078; Feb. 15.
Automobile body. K. Stief and R. K. Evans. 2,108,215; Feb. 15.
Automobile body. N. A. D. Thompton and J. W. Pagan. 2,108,456; Feb. 15.
Axle housing and wheel alignment gauge. M. W. Brady. 2,108,743; Feb. 15.
Azo-dyestuffs of the anthraquinone series. E. Honold and C. Taube. 2,108,126; Feb. 15.
Baby walker, Staff-controlled. G. B. Sanders. 2,108,566; Feb. 15.
Bags, Making handled shopping. H. K. Steen. 2,108,148; Feb. 15.
Bait, Artificial fishing. W. G. Schilling. 2,108,728; Feb. 15.
Ball and the like, Golf. H. S. Riddle. 2,108,231; Feb. 15.
Bar: *See*—
Boring bar.
Bar soap dispenser. J. R. Wheatley. 2,108,062; Feb. 15.
Bath, Electrothermo. I. M. Petersime. 2,108,268; Feb. 15.
Bean snipping machine. F. P. Ryder. 2,108,179; Feb. 15.
Bearing for articulated cars, Side. S. F. Udstad. 2,108,733; Feb. 15.
Bearing for car trucks, Side. E. W. Webb. 2,108,220; Feb. 15.
Bearings, new composition of matter and producing the same. M. P. Kirk and I. H. Grancell. 2,108,339; Feb. 15.
Beater, Trap drum, cymbal and triangle. J. M. Sewell. 2,108,693; Feb. 15.
Beeswax, Bleaching. D. J. Campbell and L. R. P. London. 2,108,282; Feb. 15.
Bellows, Camera. W. L. Lawson. 2,108,717; Feb. 15.
Belt conveyer, Tubular. H. S. Johns. 2,108,488; Feb. 15.
Binder, Loose leaf. P. O. Unger. 2,108,153; Feb. 15.
Binder, Temporary. L. Picard. 2,108,508; Feb. 15.
Binding machine. C. B. Nelson and I. Spinner. 2,108,136; Feb. 15.
Binding, Rbl. E. Gerber. 2,108,167; Feb. 15.
Bituminous emulsions, Preparing. J. Ogden. 2,108,505; Feb. 15.
Blade for safety razors. B. O'Neill. 2,108,267; Feb. 15.
Blending machine. F. J. Muench. 2,108,592; Feb. 15.
Blind and cylinder honing machine. F. A. Swanson. 2,108,354; Feb. 15.
Block: *See*—
Cleaning and polishing block.
Blower drive and support. O. D. H. Bentley. 2,108,703; Feb. 15.
Board: *See*—
Cribbage board. Writing board.
Pulp board.
Boat. C. S. Atwell. 2,108,574; Feb. 15.
Body for cars. R. S. Humburch. 2,108,557; Feb. 15.
Bolt loss prevention means. F. M. Love. 2,108,316; Feb. 15.
Bolts or the like, Apparatus for making. L. A. Frayer. 2,108,709; Feb. 15.
Book. Coupon. B. Harris. 2,108,749; Feb. 15.
Book, Multiple payment coupon. E. A. Kelly. 2,108,314; Feb. 15.
Bookmark. M. N. Lansing. 2,108,494; Feb. 15.
Boring bar. F. Walther. 2,108,099; Feb. 15.
Bottle washing machine. A. R. Ladewig and G. F. Soalch. 2,108,227; Feb. 15.
Bottles, Hooding, filling, and capping milk. W. G. Foard, Jr. 2,108,114; Feb. 15.
Box. D. Sullivan. 2,108,300; Feb. 15.
Box making apparatus. C. G. Hayes. 2,108,384; Feb. 15.
Bracelet and making the same. F. J. Bellavance. 2,108,247; Feb. 15.
Bracket. H. Davies. 2,108,196; Feb. 15.
Brake: *See*—
Coaster brake.
Brake. P. Ruffino. 2,108,235; Feb. 15.
Brake. A. A. and A. A. Schramm. 2,108,180; Feb. 15.
Brake mechanism. A. Backstrom. 2,108,467; Feb. 15.
Brake mechanism, Wheel. J. V. Crichton. 2,108,401; Feb. 15.
Brake system, Power. D. F. Searle. 2,108,182; Feb. 15.
Braking system, Hydraulic. L. Cornwell. 2,108,164; Feb. 15.
Breathing apparatus. J. B. Dym. 2,108,256; Feb. 15.
Brush. F. J. Bickel. 2,108,742; Feb. 15.
Building construction and structural element therefor. G. F. Kotrbaty. 2,108,065; Feb. 15.
Bulldozer. G. B. Allin and T. P. Flynn. 2,108,466; Feb. 15.
Burner: *See*—
Liquid fuel burner. Oil burner.
Burner system, Preignition oil. J. P. Kriechbaum. 2,108,770; Feb. 15.
Button. J. A. and W. A. Devendor. 2,108,255; Feb. 15.
Cabinet: *See*—
Sewing cabinet.
Calendar. G. P. Winford. 2,108,221; Feb. 15.
Calculating machine. K. V. Rudin. 2,108,596; Feb. 15.
Calculating machine differential mechanism. T. O. R. Dahlberg. 2,108,476; Feb. 15.
Camera, Cinematographic. C. F. Jones. 2,108,201; Feb. 15.
Cap and dust cap puller, Hub. V. L. Du Sang. 2,108,197; Feb. 15.
Car. A. E. Smith and W. H. Runkel. 2,108,416; Feb. 15.
Car construction, House. F. Ditchfield. 2,108,309; Feb. 15.
Car truck construction. J. C. Larsen. 2,108,378; Feb. 15.

Carburetor. F. O. and T. M. Ball. 2,108,281; Feb. 15.
Carrier: *See*—
Mail carrier.
Casein product and process of making. H. V. Dunham. 2,108,582; Feb. 15.
Casts of human and animal organs, Preparing anatomical. A. Schaumer and E. Trosmsdorff. 2,108,181; Feb. 15.
Cathode more particularly for a gas-filled discharge tube, Oxide. H. Lems. 2,108,580; Feb. 15.
Cathode ray device. M. von Ardenne. 2,108,091; Feb. 15.
Cathode ray tube. M. Bowman-Manifold. 2,108,523; Feb. 15.
Cellulose products and method of making. S. I. Hoddesen and R. M. Mathijsen. 2,108,125; Feb. 15.
Cementing machine. I. L. Keith. 2,108,674; Feb. 15.
Centralizer for drill steels. G. H. Fuehrer and G. W. Bainbiner. 2,108,035; Feb. 15.
Chamber or container, Metal-walled vacuum. E. L. Scheliens. 2,108,212; Feb. 15.
Change-speed gear, Fluid-operated. C. T. Rogers. 2,108,270; Feb. 15.
Channel-iron bending apparatus. H. H. Samuel. 2,108,271; Feb. 15.
Chart, Music. C. H. Randolph. 2,108,208; Feb. 15.
Choke, Automatic. A. J. E. Roualet. 2,108,290; Feb. 15.
Churn, Butter. F. G. Clark. 2,108,162; Feb. 15.
Chute, Coin. G. L. Cherry and V. H. Dupre. 2,108,651; Feb. 15.
Cigarette lighting and dispensing device. F. C. Copeland. 2,108,370; Feb. 15.
Cigar-wrapping machine. C. Bustamante. 2,108,429; Feb. 15.
Circuit breaker. F. Kesselring. 2,108,560; Feb. 15.
Circuit interrupter. H. L. Rawlins. 2,108,550; Feb. 15.
Circuits: *See*—
Gas tube circuits. Receiving tuning circuits.
Circuits, Gas tube. L. K. Swart. 2,108,219; Feb. 15.
Circuits, Receiver tuning. C. J. van Loon. 2,108,154; Feb. 15.
Circular loom. W. A. Dickie and F. C. Hale. 2,108,108; Feb. 15.
Circular loom. F. C. Hale. 2,108,120; Feb. 15.
Circular loom. F. C. Hale and J. R. Yorke. 2,108,121; Feb. 15.
Clamp: *See*—
Fusis clamp. Printing press clamp.
Hair clamp. Welding clamp.
Clamp. R. J. Teetor. 2,108,151; Feb. 15.
Cleaning and polishing block. J. J. Kennedy. 2,108,405; Feb. 15.
Clip: *See*—
Tubing clip.
Clip. W. W. Brock. 2,108,473; Feb. 15.
Clip for securing corrugated roof or siding sheets. H. T. Richardson. 2,108,612; Feb. 15.
Closure. H. A Strelow 2,108,238; Feb 15
Closure and weather stripping therefor. C. P. Schlegel. 2,108,450; Feb. 15.
Closure, Bag. B. C. Betner. 2,108,741; Feb. 15.
Clutch mechanism for electromagnetic sound recording and reproducing devices. S. Begun. 2,108,426; Feb. 15.
Clutch sleeve spring tool. G. W. Cooper. 2,108,252; Feb. 15.
Coal and fluid separating medium therefor, Cleaning. N. D. Levin and S. H. Yost. 2,108,290; Feb. 15.
Coal, Method of and apparatus for cleaning. N. D. Levin. 2,108,495; Feb. 15.
Coat hanger, Collapsible. B. Stresoff. 2,108,622; Feb. 15.
Coating compositions. E. Helft. 2,108,768; Feb. 15.
Coaster brake. H. L. Mueller. 2,108,501; Feb. 15.
Coating Apparatus for. I. J. Paul 2,108,389; Feb 15
Cock, Cylinder. R. A. Light and J. W. Price, Jr. 2,108,228; Feb. 15.
Cock, Gas. E. G. Steffen. 2,108,299; Feb. 15.
Coffee maker. J. W. Lynch. 2,108,634; Feb. 15.
Collapsible tube. H. Mock. 2,108,689; Feb. 15.
Color-forming compounds, Photographic. L. D. Mannes and L. Godowsky, Jr. 2,108,602; Feb. 15.
Coloring material. A. Murray. 2,108,503; Feb. 15.
Comb, Fountain. A. W. Wallenius. 2,108,184; Feb. 15.
Compass. J. H. L'A. Lund. 2,108,263; Feb. 15.
Composition with a basis of rubber, to be used hot or cold, Viscous, waterproof and insulating. N. Nardelli. 2,108,387; Feb. 15.
Computer, Ratio. L. M. Simpson. 2,108,146; Feb. 15.
Condensation products of the anthraquinone series. H. Scheyer and E. Schwamberger. 2,108,413; Feb. 15.
Condensation products of methylol compounds of urea, Producing. K. Eisenmann and H. Scheuermann. 2,108,113; Feb. 15.
Condenser unit. E. E. Allyne and W. J. Gusik. 2,108,360; Feb. 15.
Conduit, Air. W. J. Barman. 2,108,159; Feb. 15.
Confection, Wrapped frozen. N. M. Thomas. 2,108,418; Feb. 15.
Connector: *See*—
Electrical cable connecter. Electrical connecter.
Container. W. S. Dirker. 2,108,045; Feb. 15.
Container. H. N. Falk. 2,108,583; Feb. 15.
Container. J. M. Hothersall. 2,108,083; Feb. 15.
Container. C. Van H. King, Jr. 2,108,600; Feb. 15.
Container closure. C. E. Pieck. 2,108,692; Feb. 15.
Container closures, Making. J. M. Hothersall. 2,108,064; Feb. 15.
Container conveyer and distributor. C. N. Bergmann. 2,108,522; Feb. 15.
Container or envelope, Folded. J. C. McAllister. 2,108,243; Feb. 15.
Control device. D. E. Mitchell. 2,108,408; Feb. 15.
Control means for pool guides, Extension. H. E. Tautz. 2,108,099; Feb. 15.
Control system for motor vehicles. E. S. Hall. 2,108,666; Feb. 15.
Cooking appliance, Electric. F. W. Scharf. 2,108,298; Feb. 15.
Cooling apparatus, Portable self-contained. F. B. Rents. 2,108,320; Feb. 15.
Cooling device for pistons. F. Frelin. 2,108,532; Feb. 15.
Cord extension device, Electrical. J. W. Johnson. 2,108,170; Feb. 15.
Corn-popping machine, Automatic. H. B. Tyler. 2,108,627; Feb. 15.
Corrosion resistant structure, Laminated. H. Miedel. 2,108,722; Feb. 15.
Coupler, Trailer. C. Da Valle. 2,108,307; Feb. 15.
Coupling: *See*—
Pipe coupling. Pipe or rod coupling.
Cover feeding and folding mechanism for booking machines. J. R. Nolan. 2,108,318; Feb. 15.
Cribbage board, Folding. A. H. Cudmore. 2,108,527; Feb. 15.
Croquette molder. C. W. Pudlich. 2,108,233; Feb. 15.
Cross arm mounting hanger. A. Ramsey. 2,108,248; Feb. 15.
Crushing mill. W. A. Beaudry. 2,108,160; Feb. 15.
Cuff folding device. J. Lyska. 2,108,542; Feb. 15.
Curler, Permanent wave. S. A. Hamilton. 2,108,374; Feb. 15.
Cushion, Adjustable. L. Wallace. 2,108,242; Feb. 15.
Cushioning device. R. C. Hobson. 2,108,124; Feb. 15.
Cutter: *See*—
Pipe cutter.
Cutter sharpening machine. W. E. Sykes. 2,108,230; Feb. 15.
Cylinder head for internal combustion engines, for the prevaporisation of light fuel and for cracking of heavy oils. M. V. Crillon. 2,108,706; Feb. 15.
Cylinder liner for internal-combustion engines. A. F. Sanders. 2,108,302; Feb. 15.
Degerminator. H. C. Dempsey. 2,108,655; Feb. 15.
Dehydration system. J. M. Cage. 2,108,250; Feb. 15.
Dehydrator, Electric. H. F. Fisher. 2,108,258; Feb. 15.
Dental instrument. W. B. Jackman. 2,108,558; Feb. 15.
Desacetyl-pseudo bufotalin haloid and preparing same. H. Kondo, S. Ikawa, and Y. Kobayashi. 2,108,340; Feb. 15.
Detector mechanism for crown cap assembling machines. R. Barling. 2,108,287; Feb. 15.
Detector system. F. G. Kelly, Jr. 2,108,202; Feb. 15.
Detergents for use in laundering processes. W. H. McAllister. 2,108,756; Feb. 15.
Device for indicating direction of movement. J. A. Brooks. 2,108,099; Feb. 15.
Device of support for parachutes. S. O. C. Kuhlemann. 2,108,716; Feb. 15.
Dial for indicating instruments. A. W. Le Fevre. 2,108,342; Feb. 15.
Die: *See*—
Piercing die.
Die shoe. J. C. Dense. 2,108,253; Feb. 15.
Dipper and mold, Ice cream. A. M. Healy. 2,108,585; Feb. 15.
Dipper tooth. G. W. Mork. 2,108,075; Feb. 15.
Dispenser: *See*—
Bar soap dispenser.
Display unit, Merchandise. T. C. Thompson. 2,108,516; Feb. 15.
Distance and depth measurement, Apparatus for. H. H. Turner, Jr. 2,108,060; Feb. 15.
Distance measuring means and method. F. Fischer and L. Rellstab. 2,108,766; Feb. 15.
Distillation, Method and apparatus for. G. S. Dunham. 2,108,650; Feb. 15.
Door: *See*—
Refrigerator car door.
Door check. W. H. Pugsley. 2,108,511; Feb. 15.
Door latch. G. R. Adams. 2,108,326; Feb. 15.
Door structure. A. A. Van Atta. 2,108,697; Feb. 15.
Dowel means for roadway expansion joints. W. F. Schulz. 2,108,593; Feb. 15.
Dredge pipe Y valve. J. G. Sjoberg. 2,108,183; Feb. 15.
Drill hole cleaning device. E. L. Crow. 2,108,195; Feb. 15.
Drilling machine and device. M. H. Lewis. 2,108,131; Feb. 15.
Drive for box lidding machines. H. E. Twomley. 2,108,732; Feb. 15.
Drive for vehicles, Individual axle. G. Meyfarth. 2,108,382; Feb. 15.
Drive, Speed reducing. F. C. Noller. 2,108,606; Feb. 15.
Drying apparatus. W. Strobridge. 2,108,064; Feb. 15.
Duplicator, Hand. L. Foss. 2,108,115; Feb. 15.
Dyeing machine. N. A. Batcheldor. 2,108,190; Feb. 15.
Dyes and the preparation thereof, 1'-cyanine. F. M. Hamer and N. I. Fisher. 2,108,484; Feb. 15.
Dyestuffs, Acid wool. H. Ritter. 2,108,142; Feb. 15.
Dyestuffs containing nitrogen and making same, Vat. H. Scheyer and E. Schwamberger. 2,108,144; Feb. 15.

Dynamometer, Fleet testing. V. B. Edwards. 2,108,423; Feb. 15.
Earth moving device. R. B. Cheate, W. B. Roller, and W. I. Leech. 2,108,204; Feb. 15.
Egg production of hens, Checking and recording. O. E. Kellum. 2,108,287; Feb. 15.
Electric current sare gas lamp, Direct. A. Lederer. 2,108,537; Feb. 15.
Electric heater. C. Sykes and W. Needham. 2,108,623; Feb. 15.
Electrical cable connecter. E. B. Newquidell. 2,108,504; Feb. 15.
Electrical connecter. H. K. Foster. 2,108,708; Feb. 15.
Electrical connecting device. H. C. Acuff. 2,108,031; Feb. 15.
Electrical control apparatus. W. A. Tolson. 2,108,152; Feb. 15.
Electrical outlet. W. J. Duffy. 2,108,581; Feb. 15.
Electrical prospecting, Apparatus for. T. Zuschlag. 2,108,463; Feb. 15.
Electrode and making the same, Storage battery positive. H. R. Harner, F. H. Schultz, and E. J. Ritchie. 2,108,746; Feb. 15.
Electrode assembly. T. J. Henry. 2,108,583; Feb. 15.
Electrode for windmill generators. H. Folkers. 2,108,663; Feb. 15.
Electromagnetic device and making same. R. Vermeulen and A. T. Van Urk. 2,108,275; Feb. 15.
Electron discharge apparatus. C. A. Bieling. 2,108,640; Feb. 15.
Electron discharge device. N. E. Lindenblad. 2,108,539; Feb. 15.
Electron tube. F. Schröter. 2,108,617; Feb. 15.
Elevating mechanism. G. W. Van Hede and B. D. Dana. 2,108,628; Feb. 15.
Engine: *See*—
Internal combustion engine. Rotary engine.
Two-stroke engine.
Engine. U. Belford. 2,108,740; Feb. 15.
Engine starting device. D. Collins. 2,108,579; Feb. 15.
Envelope. L. L. Selement. 2,108,461; Feb. 15.
Escapement. F. Ribert. 2,108,112; Feb. 15.
Ester compositions containing higher fatty acid esters, Cellulose mixed. H. B. Smith. 2,108,462; Feb. 15.
Evaporator, Diaphragm type. L. M. Crosley and E. H. Money. 2,108,744; Feb. 15.
Extractor mechanism for breakdown firearms. G. S. Lewis. 2,108,130; Feb. 15.
Fabric and making the same, Pile. A. W. Drobile. 2,108,046; Feb. 15.
Fabric, Manufacturing Milanese warp. H. Wirth. 2,108,735; Feb. 15.
Fabric take-up device for flat warp knitting machines. E. H. Wirth. 2,108,737; Feb. 15.
Fabric treatment and apparatus therefor. M. M. Kasanof. 2,108,127; Feb. 15.
Fabrics, Making textile. C. Rosenstein. 2,108,565; Feb. 15.
Fabrics, Manufacture of pile. J. Kubicky. 2,108,268; Feb. 15.
Fan. H. F. Hagen. 2,108,435; Feb. 15.
Fastener: *See*—
Traveler record fastener.
Fastener and decapping tool, Foundation. R. Ludke. 2,108,754; Feb. 15.
Fastener for attaching corrugated covering sheets. H. T. Richardson. 2,108,611; Feb. 15.
Feed apparatus for pipe coating machines and the like. A. G. Perkins. 2,108,319; Feb. 15.
Feed for centrifugal separators. N. E. Bergner. 2,108,098; Feb. 15.
Feeder: *See*—
Orifice feeder. Poultry feeder.
Feeding device, Centrifugal. R. R. Clark. 2,108,163; Feb. 15.
Feeding mechanism. E. J. Svenson. 2,108,353; Feb. 15.
Fibers, Apparatus for the treatment of. W. T. Brown. 2,108,578; Feb. 15.
Fibers, Method and apparatus for making and treating artificial. H. C. Forrest. 2,108,285; Feb. 15.
Filling mechanism for electric fuses. E. H. Taylor. 2,108,301; Feb. 15.
Film driving means. L. B. Hoffmann. 2,108,337; Feb. 15.
Film pack, Color. A. H. MacDonald. 2,108,073; Feb. 15.
Finger exercising device. H. Scott. 2,108,236; Feb. 15.
Firearm and spotlight, Combined. L. W. Cooper. 2,108,475; Feb. 15.
Firearms, Repeating. V. A. Browning. 2,108,648; Feb. 15.
Fishing line. L. Burr. 2,108,598; Feb. 15.
Fishing tool. C. F. Moseley. 2,108,490; Feb. 15.
Fitting for tubular incandescent lamps. K. Wiegand and F. Görits. 2,108,633; Feb. 15.
Floor construction, Precast. H. O. Klotz. 2,108,677; Feb. 15.
Floor troweling machine. H. S. Boulton. 2,108,470; Feb. 15.
Fluid processing apparatus. O. W. Greene. 2,108,462; Feb. 15.
Fluid pump. J. P. Laird. 2,108,771; Feb. 15.
Fluids, Apparatus for treating. T. B. Prickett. 2,108,076; Feb. 15.
Fluids, Heating of. L. A. Mekler. 2,108,696-7; Feb. 15.
Folding machine. A. G. Gilbert. 2,108,199; Feb. 15.
Form, Shoe. W. J. De Witt. 2,108,657; Feb. 15.
Fountain spray head, Wash. H. A. Mullett. 2,108,366; Feb. 15.
Frame: *See*—
Motor vehicle frame. Textile frame.
Spectacle frame.
Frictional motion controlling element. R. W. Glasner. 2,108,059; Feb. 15.
Fruits and vegetables, Cleaning. T. S. Carswell. 2,108,763; Feb. 15.
Fuel control, Automatic motor. F. S. A. and F. M. Gleockler. 2,108,710; Feb. 15.
Furnace: *See*—
Hot air furnace. Metallurgical furnace.
Furnace. L. A. Mekler. 2,108,688; Feb. 15.
Fusis clamp. C. E. Ziegler. 2,108,325; Feb. 15.
Furnace and method of firing. W. S. McVay. 2,108,292; Feb. 15.
Furniture tread, Adjustable. P. A. Gowell. 2,108,036; Feb. 15.
Fuse plug. J. T. Dulcher. 2,108,106; Feb. 15.
Garment. J. Abetes. 2,108,004; Feb. 15.
Garment checking apparatus, Coin controlled. W. W. Dennin. 2,108,402; Feb. 15.
Garment hanger. J. F. Harrison. 2,108,757; Feb. 15.
Gas producer. H. Deringer. 2,108,764; Feb. 15.
Gas salvaging device, Rare. L. C. Stringer. 2,108,216; Feb. 15.
Gases, Apparatus for determining dew point of. A. B. Martin and H. M. Wade. 2,108,173; Feb. 15.
Gasoline, Cracking. D. G. Brandt. 2,108,762; Feb. 15.
Gauge: *See*—
Valve and pressure gauge.
Gear: *See*—
Change-speed gear.
Gear for electric starters, Transmission. A. Molay. 2,108,284; Feb. 15.
Gear lapping machine. E. R. Nyland. 2,108,547; Feb. 15.
Gear shifting mechanism. J. A. McDaniel. 2,108,264; Feb. 15.
Gears, Method of cutting. E. Wildhaber. 2,108,244; Feb. 15.
Generator: *See*—
Steam generator.
Glass, Method and apparatus for severing molten. F. L. O. Wadsworth. 2,108,518; Feb. 15.
Governor, Engine. A. K. Antonsen. 2,108,464; Feb. 15.
Grasshopper trap. H. O. Eiane. 2,108,590; Feb. 15.
Grate, Furnace. L. Steinmüller. 2,108,394; Feb. 15.
Gravitational instrument. S. B. von Thyssen-Bornemissa. 2,108,421; Feb. 15.
Grease. L. C. Brunstrum. 2,108,644; Feb. 15.
Grease. L. C. Brunstrum and E. W. Adams. 2,108,643; Feb. 15.
Grease manufacture. G. Kaufman. 2,108,672; Feb. 15.
Grid. E. C. Hillman. 2,108,713; Feb. 15.
Grinding device. A. W. Walker. 2,108,630; Feb. 15.
Guard, Air vent. H. K. Maxam. 2,108,721; Feb. 15.
Guard, Bumper. J. H. Gould. 2,108,119; Feb. 15.
Guard for shoe of ironing machines. A. W. Molinare. 2,108,230; Feb. 15.
Guard structure, Bumper. N. Y. Kristensen. 2,108,129; Feb. 15.
Guard, Weather. J. R. Thorp. 2,108,322; Feb. 15.
Guide for drilling machines, Tool. J. A. Elmes. 2,108,057; Feb. 15.
Guide, Sheet. D. Buccicone. 2,108,364; Feb. 15.
Hair clamp. W. H. Bleuel and S. Steek. 2,108,249; Feb. 15.
Hair clipper, Electric. N. Togami. 2,108,569; Feb. 15.
Hair waving device. W. S. Lewis. 2,108,719; Feb. 15.
Hard alloy. K. S. Seljesaeter. 2,108,618; Feb. 15.
Handle for car windows, Control. W. A. Berg. 2,108,554; Feb. 15.
Handwheel. J. R. Graves. 2,108,331; Feb. 15.
Hanger: *See*—
Coat hanger. Garment hanger.
Crossarm mounting hanger. Hat hanger.
Trouser hanger.
Hat hanger. F. Kulkawy. 2,108,678; Feb. 15.
Heat regulator. R. W. Johnson. 2,108,225; Feb. 15.
Heater: *See*—
Electric heater. Water heater.
Spiral curl heater.
Heater for electron discharge devices, Cathode. W. Meyer. 2,108,544; Feb. 15.
Heel-seat fitting machine. E. A. Bessom. 2,108,161; Feb. 15.
Hemp dressing machine. A. Takata. 2,108,568; Feb. 15.
Highway construction. J. W. Isett. 2,108,750; Feb. 15.
Hinge. S. Lipert. 2,108,774; Feb. 15.
Hive handling apparatus. W. H. Foster. 2,108,480; Feb. 15.
Holder: *See*—
License plate holder. Memorandum holder.
Holder for die heads, Chaser. R. M. Strickland. 2,108,149; Feb. 15.
Holder for string. J. M. Sapunar. 2,108,449; Feb. 15.
Holders, Constructing. C. Nelson. 2,108,594; Feb. 15.
Hot air furnace. B. B. W. Cooper. 2,108,033; Feb. 15.
Hydrocarbon conversion process. F. W. Sullivan, Jr. 2,108,395; Feb. 15.

Hydrocarbon fluids, Heating. G. W. Watts. 2,108,397; Feb. 15.
Hydrocarbon vapors with zinc chloride, Treating. F. E. Kimball. 2,108,438; Feb. 15.
Hydrocarbons, Stabilizing chlorinated. W. Price. 2,108,390; Feb. 15.
Hydrocarbons with alkali metals, Reacting. J. F. Walker. 2,108,277; Feb. 15.
Hydrogenated products. N. D. Scott and J. F. Walker. 2,108,213; Feb. 15.
Hydroxy compounds, Heterocyclic. E. Herdieckerhoff and R. Tschunkur. 2,108,712; Feb. 15.
Impressions, Mechanical process for making ready. F. K. Fleischhack. 2,108,707; Feb. 15.
Indicator: *See*—
Station indicator.
Inductor dynamo-electric machine. A. Fisher. 2,108,662; Feb. 15.
Ink drying means for stock quotation projecting machines. A. D. Eitzen. 2,108,052; Feb. 15.
Insulating material. F. R. Leslie. 2,108,682; Feb. 15.
Insulator and making the same, Ceramic. L. R. Shardlow. 2,108,513; Feb. 15.
Interlock, Mechanical. G. O. Wilms. 2,108,634; Feb. 15.
Internal combustion engine, Slide valve controlled four-stroke cycle. A. Büchi. 2,108,365; Feb. 15.
Internal combustion engine, Synchronizing. C. K. Woodman. 2,108,422; Feb. 15.
Ion-concentration, Apparatus for measuring. G. A. Perley. 2,108,293; Feb. 15.
Ion-concentration, Method and apparatus for measuring. E. D. Doyle and G. A. Perley. 2,108,294; Feb. 15.
Joint: *See*—
Masonry joint.
Joint compound. L. L. Wadsworth. 2,108,276; Feb. 15.
Ketones, Preparation of alpha, beta unsaturated. A. B. Bosse, Jr. 2,108,427; Feb. 15.
Ketones, Production of. C. G. Worts. 2,108,156; Feb. 15.
Kit, Pocket medical or first aid. F. P. Lagier. 2,108,492; Feb. 15.
Knitting machine, Circular hand. S. Broadwin. 2,108,705; Feb. 15.
Lamp: *See*—
Electric current rare gas lamp.
Lamp construction. C. E. Godley. 2,108,286; Feb. 15.
Lasting machine. R. E. Duplessis. 2,108,166; Feb. 15.
Lasting machine. J. C. Jorgensen. 2,108,171; Feb. 15.
Latch: *See*—
Door latch.
Latch. Bluehdorn and F. K. Howard. 2,108,040; Feb. 15.
Latch for machine guns, Back plate. S. G. Green. 2,108,060; Feb. 15.
Lead arsenate, Effecting solution of. N. M. Mnookin and V. E. Speas. 2,108,563; Feb. 15.
Lead arsenate in finely divided form, Making. V. E. Speas and N. M. Mnookin. 2,108,553; Feb. 15.
Leather or the like, Apparatus for trimming or pinking. S. E. Rosenberg. 2,108,178; Feb. 15.
Leveliser for road maintaining apparatus. L. H. Lull. 2,108,541; Feb. 15.
Lever, Adjustable control. V. J. Dodd. 2,108,745; Feb. 15.
License plate holder. A. A. Marks. 2,108,591; Feb. 15.
Lidding machine. H. Paxton. 2,108,548; Feb. 15.
Light: *See*—
Traffic signal light. Vehicle signal light.
Lipsticks and the like, Producing parts for. H. F. Reichenbach. 2,108,512; Feb. 15.
Liquid fuel burner. G. W. Pontius, Jr. 2,108,141; Feb. 15.
Liquids, Device for clarifying. H. N. Jenks. 2,108,168; Feb. 15.
Liquids, Device for dispensing aerated. E. J. Jofeh and J. G. Trilling. 2,108,169; Feb. 15.
Liquor, Apparatus for purifying and aging. L. H. Farrier and E. H. Harlin. 2,108,661; Feb. 15.
Lobster claw lock. L. J. Barwood. 2,108,327; Feb. 15.
Lock: *See*—
Lobster claw lock.
Lock for automobile doors. F. Accardi. 2,108,359; Feb. 15.
Lock for shears and the like, Nut. C. J. Dalley. 2,108,654; Feb. 15.
Locking device. R. O. Allen. 2,108,032; Feb. 15.
Locking device for mail receptacles. T. F. Murphy. 2,108,440; Feb. 15.
Locking system for heddle frames and the like, Heddle bar. G. F. Bahn. 2,108,095; Feb. 15.
Locomotive and tender and vestibule curtain structure therefor, Streamlined. W. L. Lents and C. F. Kantola. 2,108,203; Feb. 15.
Locomotive tender. W. L. Lents and C. F. Kantola. 2,108,204; Feb. 15.
Loom: *See*—
Circular loom.
Lubricant preparation. J. M. Musselman and E. B. McConnell. 2,108,256; Feb. 15.
Lubricant testing device. H. C. Drake and L. J. De Lanty. 2,108,580; Feb. 15.
Machine for molding chocolate articles and the like. D. Lantinberg and L. D. Lantinberg. 2,108,067; Feb. 15.
Machine for packing book matches. C. F. Wright. 2,108,280; Feb. 15.
Machine for printing directly on metal or glass and the like. F. Shurley. 2,108,597; Feb. 15.
Machine for treating heel seats of shoes. E. F. Small. 2,108,273; Feb. 15.
Machine for wrapping bars of butter or the like. E. F. Ness. 2,108,546; Feb. 15.
Machine tool. R. A. Schafer. 2,108,297; Feb. 15.
Machine tool, Multiple. R. A. Schafer, C. H. Muhl, E. E. Opel, and J. B. Beiseman. 2,108,779; Feb. 15.
Magnetic device. E. M. Boardman. 2,108,642; Feb. 15.
Mail carrier. G. Spencer. 2,108,453; Feb. 15.
Manifolding strip supplies, Continuous. W. J. Wiswall. 2,108,462; Feb. 15.
Marine steering gear motor. T. McLeod. 2,108,498; Feb. 15.
Marker, Highway. O. Ernst. 2,108,370; Feb. 15.
Masonry joint, Weatherproof. F. P. White. 2,108,358; Feb. 15.
Matches, Assembling book. J. E. Zomnir. 2,108,157; Feb. 15.
Material, Apparatus for winding. E. E. Franz. 2,108,664; Feb. 15.
Material resistant to moisture, Rendering a textile. H. G. Stone and C. J. Malm. 2,108,455; Feb. 15.
Materials and production thereof, Plastic. J. W. C. Crawford and J. McGrath. 2,108,044; Feb. 15.
Materials, Apparatus for contact treatment of. C. H. Thayer. 2,108,087; Feb. 15.
Materials, Coating worked solid. A. Koch. 2,108,715; Feb. 15.
Materials, Method of and apparatus for shaping plastic. M. Low. 2,108,070–1; Feb. 15.
Materials, Surface treatment of. K. B. Blodgett. 2,108,641; Feb. 15.
Materials, Treatment of. V. J. Schaefer. 2,108,616; Feb. 15.
Measuring apparatus. C. H. Schurr. 2,108,414; Feb. 15.
Measuring instrument, Curvilinear. C. L. Clark. 2,108,251; Feb. 15.
Memorandum holder. C. C. Clifford. 2,108,526; Feb. 15.
Merchandise display apparatus. J. E. Barst. 2,108,096; Feb. 15.
Metal Coating sheet. J. R. McElhaney and R. Stoker. 2,108,381; Feb. 15.
Metal cutting tool. H. C. Smith. 2,108,237; Feb. 15.
Metal delivered in a molten condition, Method of and apparatus for shaping. M. Low. 2,108,752–3; Feb. 15.
Metal extrusion device. P. K. Dunsheath. 2,108,529; Feb. 15.
Metal pigs, Apparatus for automatically feeding. V. Tobis. 2,108,457; Feb. 15.
Metals, Apparatus for sweating out fusible. W. F. Eppensteiner. 2,108,034; Feb. 15.
Metals, Apparatus for the electrodeposition of. R. H. Adey. 2,108,700; Feb. 15.
Metals, Casting. J. A. Schultz, Jr., and J. A. Zapf. 2,108,080; Feb. 15.
Metals, Uniting. P. Cykajlo. 2,108,528; Feb. 15.
Metallurgical furnace. W. E. Greenwalt. 2,108,118; Feb. 15.
Meter: *See*—
Water meter.
Mica for electrical purposes, Treatment of. F. W. Brough. 2,108,577; Feb. 15.
Mill: *See*—
Crushing mill.
Mixing and molding device. F. M. Troutner. 2,108,696; Feb. 15.
Moccasin. L. W. Sinister. 2,108,415; Feb. 15.
Mop. K. S. Rogers. 2,108,727; Feb. 15.
Mop renovator. A. D. Sund. 2,108,352; Feb. 15.
Motion, Device for transmitting. G. R. Cassagne. 2,108,366; Feb. 15.
Motor: *See*—
Alternating current motor. Submerged motor.
Marine steering gear motor.
Motor control system. B. M. Horter. 2,108,313; Feb. 15.
Motor mounting. C. E. Summers. 2,108,515; Feb. 15.
Motor powering system. C. C. Parrish. 2,108,388; Feb. 15.
Motor starting system. N. H. Saunders. 2,108,143; Feb. 15.
Motor vehicle frame. T. E. M. Wheat. 2,108,279; Feb. 15.
Motors, Control of alternating-current commutator. W. Stöber. 2,108,620; Feb. 15.
Mounting: *See*—
Motor mounting.
Mounting device for tubular articles. W. R. Allen, III. 2,108,399; Feb. 15.
Mounting for hydraulic motors, Cylinder. L. L. Schauer and J. H. McKewen. 2,108,781; Feb. 15.
Mounting for tubular articles. W. R. Allen, III. 2,108,398; Feb. 15.
Muffler of internal combustion engines. K. Kato. 2,108,671; Feb. 15.
Musical instrument. G. B. Humes. 2,108,769; Feb. 15.
Navigational instrument. A. W. Comrie. 2,108,042; Feb. 15.

Navigational instrument. C. W. Harris. 2,108,260; Feb. 15.
Needle bed for knitting machines. R. H. Lawson and W. L. Smith, Jr. 2,108,772; Feb. 15.
Negative glow display. A. F. Hemminger, Jr. 2,108,487; Feb. 15.
Nontarnish alloy. B. Egeberg and R. W. Tindula. 2,108,047; Feb. 15.
Nontarnish alloy. B. Egeberg and R. W. Tindula. 2,108,051; Feb. 15.
Nozzle, Antistatic gasoline dispensing. G. W. Turman. 2,108,759; Feb. 15.
Objects to predetermined positions, Turning rotatable. L. R. J. Leishman. 2,108,538; Feb. 15.
Oil burner. J. H. Van Selver. 2,108,734; Feb. 15.
Oil burning. J. F. Straitz. 2,108,621; Feb. 15.
Oil, Hydrogenated heavy. W. H. Carmody. 2,108,250; Feb. 15.
Oils, Fractionating hydrocarbon. W. R. van Wijk. 2,108,629; Feb. 15.
Oils, Treatment of hydrocarbon. A. H. Calderwood. 2,108,649; Feb. 15.
Opener for containers. E. F. Cornwall. 2,108,431; Feb. 15.
Operator for casement windows and the like, Automatic. R. W. Carnahan. 2,108,328; Feb. 15.
Optical system. A. D. Eitzen. 2,108,055; Feb. 15.
Ores, Process and apparatus for roasting. E. J. Mullen. 2,108,593; Feb. 15.
Ores, Process for roasting. E. J. Mullen. 2,108,592; Feb. 15.
Organic compounds, Manufacture of. H. Dreyfus. 2,108,109; Feb. 15.
Orifice feeder, Dual. F. L. O. Wadsworth. 2,108,517; Feb. 15.
Ornament construction. R. C. Bangs. 2,108,153; Feb. 15.
Oscillation restraint mechanism for locomotives or cars. O. K. Kjolseth. 2,108,676; Feb. 15.
Ovens, Operation of regenerative. C. Otto. 2,108,610; Feb. 15.
Overshoe. E. F. Casey. 2,108,650; Feb. 15.
Overshoe or galosh. J. de Noronha. 2,108,656; Feb. 15.
Overshoe, Rubber. R. W. Dunbar. 2,108,658; Feb. 15.
Oxacyanines and preparing them. F. M. Hamer. 2,108,485; Feb. 15.
Package. C. R. Webber. 2,108,278; Feb. 15.
Package delivering apparatus. E. Barrett. 2,108,302; Feb. 15.
Packing for bearings, Labyrinth. G. Nemetz. 2,108,724; Feb. 15.
Pad: *See*—
Waving pad.
Pad and the like, Breast. B. L. Martin. 2,108,205; Feb. 15.
Pad for permanent hair waving, Protector. H. Bonat. 2,108,469; Feb. 15.
Panel, Nonshrinkable wood. A. Eimendorf. 2,108,479; Feb. 15.
Paper, Making. W. C. Nash. 2,108,231; Feb. 15.
Paper making machine. H. S. Furminger. 2,108,116; Feb. 15.
Paper registering system. A. S. Fitz Gerald. 2,108,767; Feb. 15.
Parachute harness. S. O. C. Kuhlemann. 2,108,066; Feb. 15.
Parachute supporting device. S. O. C. Kuhlemann and C. H. Lundholm. 2,108,491; Feb. 15.
Peach treating machine. P. Jepson. 2,108,535; Feb. 15.
Pen, Fountain. A. W. Schoneberger. 2,108,562; Feb. 15.
Pencil, H. Maucher. 2,108,441; Feb. 15.
Pencil, Mechanical. P. S. Hauton. 2,108,668; Feb. 15.
Pendulum control instrument. W. Tapley. 2,108,695; Feb. 15.
Perforating machine and operating the same. S. E. Rosenberg. 2,108,447; Feb. 15.
Perforator, Casing. C. B. Margrave. 2,108,172; Feb. 15.
Photographic apparatus. T. M. Aiken. 2,108,246; Feb. 15.
Photographic developer. B. Wendt. 2,108,243; Feb. 15.
Photographic device. H. Küppenbender. 2,108,751; Feb. 15.
Photographic effects and films therefor, Producing. C. B. Dreyer. 2,108,284; Feb. 15.
Piano music-reproduction attachment. S. Wiedeman. 2,108,571; Feb. 15.
Pictorial control and material for use therein. P. H. Jamieson. 2,108,261; Feb. 15.
Piercing die. J. A. Smith. 2,108,619; Feb. 15.
Pipe and pipe filter. F. M. Ashley. 2,108,423; Feb. 15.
Pipe coupling. P. Hirsch and R. Kaiser. 2,108,714; Feb. 15.
Pipe cutter. J. T. Ellis. 2,108,230; Feb. 15.
Pipe or rod coupling. S. B. Martin and C. B. Waechter. 2,108,265; Feb. 15.
Pipes, Apparatus for cleaning metal. E. W. Johnson and R. A. Eastwood. 2,108,489; Feb. 15.
Piston. H. D. Church. 2,108,194; Feb. 15.
Plant products, Curing and preserving. M. R. Coe. 2,108,305; Feb. 15.
Plaque and making same, Enameled. A. F. Reilly. 2,108,444; Feb. 15.
Plastics, Preparation of high molecular sulphur containing. W. Becker and L. Orthner. 2,108,468; Feb. 15.
Plow. W. H. Silver. 2,108,351; Feb. 15.
Plow, Snow. W. A. McNulty. 2,108,134; Feb. 15.
Plug: *See*—
Fuse plug. Sparking plug.
Spark plug.
Polishing composition. L. W. Shuger. 2,108,214; Feb. 15.
Portable seat. W. E. Flanders. 2,108,531; Feb. 15.
Portions of hollow articles, Assembling. A. F. Reilly. 2,108,209; Feb. 15.
Poultry feeder. I. C. Busch. 2,108,102; Feb. 15.
Powder box. J. N. Royal. 2,108,551; Feb. 15.
Power transmission mechanism. R. Hutchings. 2,108,586; Feb. 15.
Preserving and disinfecting media. G. Domagk. 2,108,765; Feb. 15.
Presser arrangement for warp knitting machines. H. Wirth. 2,108,736; Feb. 15.
Pressure control fitting. T. A. Larry. 2,108,068; Feb. 15.
Printing plate unit. G. A. Betts. 2,108,039; Feb. 15.
Printing press clamp. S. Q. Kline. 2,108,460; Feb. 15.
Projecting machine, News. A. D. Eitzen. 2,108,056; Feb. 15.
Projecting machine, Stock quotation. A. D. Eitzen. 2,108,054; Feb. 15.
Propane treating in cracking systems. H. V. Atwell. 2,108,036; Feb. 15.
Propelling device. H. Coanda. 2,108,652; Feb. 15.
Puller: *See*—
Cap and dust cap puller.
Pulp board, Fire resistant. H. L. Becher. 2,108,761; Feb. 15.
Pump: *See*—
Fluid pump.
Pump for internal combustion engines, Fuel. O. W. Schey and G. T. Hemmeter. 2,108,079; Feb. 15.
Punch, Converting and translating. W. W. Lasker. 2,108,681; Feb. 15.
Push-out apparatus for billets. J. H. Swift. 2,108,355; Feb. 15.
Putty retainer. S. L. Borgen. 2,108,192; Feb. 15.
Rack: *See*—
Assembly rack.
Rack for storing linens. M. S. Hardin and L. D. Sims. 2,108,333; Feb. 15.
Radio receiver. A. J. Snow. 2,108,729; Feb. 15.
Radio receiver, Automatic intercept two-channel. C. R. Tufts. 2,108,083; Feb. 15.
Radio static eliminator. R. C. Ellis and S. W. Archer. 2,108,530; Feb. 15.
Radio system of for landing for airplanes. F. S. Mabry. 2,108,562; Feb. 15.
Radio tuning control. A. E. Hedger. 2,108,335; Feb. 15.
Radio tuning device. N. Nelson. 2,108,607; Feb. 15.
Rail contactor, Track. J. W. Livingston. 2,108,497; Feb. 15.
Rail flaw detector mechanism. G. L. Jones, H. C. Drake, and H. Schumacher. 2,108,559; Feb. 15.
Rayon, Apparatus for manufacturing luster-free. Y. Asakawa. 2,108,361; Feb. 15.
Razor, Safety. R. E. Thompson, C. J. Emerson, and B. G. Jansson. 2,108,756; Feb. 15.
Receiver. J. M. Unk. 2,108,458; Feb. 15.
Receptacle. A. F. Reilly. 2,108,445; Feb. 15.
Receptacle and closure. W. Lockhart. 2,108,407; Feb. 15.
Record assembly. W. A. Pringle. 2,108,510; Feb. 15.
Record, Continuous interleaved. J. B. Motsinger. 2,108,500; Feb. 15.
Recorder. C. H. Au. 2,108,037; Feb. 15.
Recording device. E. E. Turner, Jr. 2,108,089; Feb. 15.
Reflector, Aluminum. R. B. Mason. 2,108,604; Feb. 15.
Reflector device. O. C. Ritz-Weller. 2,108,446; Feb. 15.
Refractories, Ferruginous siliceous. J. M. McKinley and W. K. Carter. 2,108,543; Feb. 15.
Refrigeration apparatus. S. C. Baker and E. E. Grover. 2,108,478; Feb. 15.
Refrigerator car door. S. B. Haseltine. 2,108,224; Feb. 15.
Refrigerator handling and moving device. F. De Gheselle. 2,108,477; Feb. 15.
Register, Cash. H. Barker-Bland. 2,108,400; Feb. 15.
Regulator: *See*—
Heat regulator.
Relay. W. D. Macgeorge. 2,108,775; Feb. 15.
Resin, Synthetic. F. Lauter. 2,108,341; Feb. 15.
Register, Autographic. W. C. and F. R. Pfeiffer. 2,108,564; Feb. 15.
Retriever for electric cords. E. E. Ehrlich. 2,108,111; Feb. 15.
Ring or the like, Finger. J. H. White and A. Fitzner. 2,108,324; Feb. 15.
Rock drilling mechanism. E. G. Gartin. 2,108,058; Feb. 15.
Rod: *See*—
Take-up rod.
Roll grinding machine. H. J. Griffing. 2,108,310; Feb. 15.
Roofing, Metal. K. Roth. 2,108,350; Feb. 15.
Rope making machine. W. L. Butcher. 2,108,704; Feb. 15.
Rotary engine. M. Murakami. 2,108,385; Feb. 15.
Rotary switch. H. P. Mixer. 2,108,777; Feb. 15.
Rotatable body, Dynamically balancing. E. L. Thearle. 2,108,624; Feb. 15.

Rotor particularly for aircraft, Air. P. H. Stanley. 2,108,417; Feb. 15.
Rubber and rubber-like articles, Manufacture of. W. Kay. 2,108,673; Feb. 15.
Rubber vulcanization. R. L. Sibley. 2,108,782; Feb. 15.
Saccharification of substances, Method of and apparatus for the. H. Scholler and R. Eickemeyer. 2,108,567; Feb. 15.
Safety device for automobiles. R. Beddow. 2,108,303; Feb. 15.
Safety device for machine parts subject to high pressures. A. M. Erichsen. 2,108,746; Feb. 15.
Salts from solutions, Separating inorganic. G. W. Smith. 2,108,783; Feb. 15.
Sanding machine. T. F. Brackett. 2,108,193; Feb. 15.
Scale, Automatic grading. H. E. Thompson. 2,108,731; Feb. 15.
Scale, Bathroom. E. E. Benedict. 2,108,575; Feb. 15.
Scraper, Tractor wheel. M. R. McNally. 2,108,291; Feb. 15.
Screens, Making fluorescent. H. W. Leverens. 2,108,683; Feb. 15.
Screw driver and socket wrench attachment. T. Miller. 2,108,244; Feb. 15.
Seal for refrigerating apparatus. G. F. Welber. 2,108,760; Feb. 15.
Seal, Mechanical. W. E. Amberg. 2,108,701; Feb. 15.
Sealing means for tanks, Peripheral. B. Lentschewsky. 2,108,390; Feb. 15.
Seam opener and turner for pants. R. L. Fulps. 2,108,372; Feb. 15.
Seams, Apparatus for testing plate. H. L. Newby. 2,108,178; Feb. 15.
Seat: *See*—
Portable seat.
Seat suspension for vehicles. C. S. Wray. 2,108,222; Feb. 15.
Selector mechanism, Rapid. W. E. Kieruiff. 2,108,561; Feb. 15.
Self-closing valve. P. Herrmann. 2,108,534; Feb. 15.
Sewing and trimming machine. R. S. Painter. 2,108,138; Feb. 15.
Sewing cabinet. P. H. Harmon. 2,108,711; Feb. 15.
Sewing machine. M. Buono. 2,108,100; Feb. 15.
Sewing machines, Device for threading the needle in. A. Brun and J. A. Honne. 2,108,474; Feb. 15.
Sewing machines, Fabric manipulating mechanism for. R. T. Edwards. 2,108,403; Feb. 15.
Sewing machines, Rotary hook for. G. Sauer. 2,108,412; Feb. 15.
Sewing, Method of. M. Buono. 2,108,101; Feb. 15.
Shaft controlling apparatus, Rotating. V. Liguori. 2,108,315; Feb. 15.
Shaker chute construction. C. F. Walp. 2,108,698; Feb. 15.
Shaving device, Dry. H. Landsiedel. 2,108,493; Feb. 15.
Sheet feeding machinery, Automatic. H. T. Backhouse. 2,108,702; Feb. 15.
Sheet, Loose-leaf. F. Brodsky. 2,108,363; Feb. 15.
Sheets from corrosion-resistant ferrous-base alloys combining improved strength properties with corrosion resistance, Producing. V. H. Lawrence. 2,108,588; Feb. 15.
Sheets, Separating and feeding. W. Pollard. 2,108,549; Feb. 15.
Shield for ignition plugs. C. B. Aiken and T. Durfee. 2,108,635; Feb. 15.
Shock absorber and antiroll device, Combined. R. B. Burton. 2,108,524; Feb. 15.
Shoe. F. P. Wagner. 2,108,631; Feb. 15.
Shoe, Spiked. L. H. L'Hollier. 2,108,439; Feb. 15.
Shoes, Apparatus for lasting. J. S. Kamborian. 2,108,670; Feb. 15.
Shuttle bar actuating mechanism. N. S. Harter. 2,108,375; Feb. 15.
Sight for firearms. C. G. Swebilius. 2,108,150; Feb. 15.
Signal device. W. R. Armstrong, Sr. 2,108,187; Feb. 15.
Signaling apparatus, Railway. L. O. Grondahl. 2,108,483; Feb. 15.
Signaling device for vehicles. L. E. Steinman. 2,108,454; Feb. 15.
Signaling system. H. Garders and A. P. Pages. 2,108,117; Feb. 15.
Signaling system, Two-way. L. G. Abraham. 2,108,186; Feb. 15.
Sizer and stretcher, Adjustable garment. M. Dickey. 2,108,308; Feb. 15.
Skate, Ice. F. W. Kinney. 2,108,128; Feb. 15.
Skeleton, Anatomical. M. M. Metz. 2,108,229; Feb. 15.
Slicing machine. F. H. Cooper. 2,108,306; Feb. 15.
Slider for fasteners. G. Wintrits. 2,108,185; Feb. 15.
Slip and drive mechanism, Combination safety. W. W. Criley. 2,108,165; Feb. 15.
Slot closer. L. C. Luke. 2,108,720; Feb. 15.
Smoking device. H. C. Stults. 2,108,218; Feb. 15.
Socket, Double ended. F. H. Weston. 2,108,632; Feb. 15.
Spark plug. E. Guilion and J. Perrault. 2,108,332; Feb. 15.
Sparking plug. C. M. Carington and A. E. Postlethwaite. 2,108,525; Feb. 15.
Spectacle frame. M. H. Harris. 2,108,667; Feb. 15.
Spectacles. E. F. McMahon. 2,108,074; Feb. 15.
Speed change device. J. D. Christian. 2,108,367–8; Feb. 15.
Speed control mechanism. W. R. Perry. 2,108,410; Feb. 15.
Speed mechanism, Variable. H. E. Twomley. 2,108,356; Feb. 15.
Spiral curl heater. W. A. V. Thomsen, C. G. Gross, and W. S. Luci. 2,108,240; Feb. 15.
Sprinkler, Lawn. H. B. Parker. 2,108,207; Feb. 15.
Starting mechanism. A. G. McNicoll. 2,108,776; Feb. 15.
Station indicator. J. W. Lee. 2,108,718; Feb. 15.
Stationery, Multiform. A. H. Phillips and W. Allan, Jr. 2,108,595; Feb. 15.
Steam generator. C. E. Lucke. 2,108,072; Feb. 15.
Steam generator. J. J. Nelis. 2,108,135; Feb. 15.
Steam heating. R. W. Leutwiler and W. Eichholz. 2,108,601; Feb. 15.
Steel, Producing. M. J. Devaney. 2,108,254; Feb. 15.
Stem assembly for electron discharge devices. P. Weigt. 2,108,519; Feb. 15.
Stocking and making the same. E. C. Lochhead. 2,108,540; Feb. 15.
Stocking welt, Flat knitted. E. Ruckel. 2,108,615; Feb. 15.
Stool, Foot. L. Wallace. 2,108,241; Feb. 15.
Stop, Tubing. C. F. Moseley. 2,108,605; Feb. 15.
Storage tank. T. E. Stockdale. 2,108,784; Feb. 15.
Strainer, pump, and pressure regulating unit. W. Czarnecki. 2,108,432; Feb. 15.
Sterine derivatives and preparing them. M. Bockmühl, G. Ehrhart, and H. Ruschig. 2,108,646; Feb. 15.
Stock feeding apparatus for screw-machines. H. E. Tautz and M. Heinrich. 2,108,274; Feb. 15.
Stretcher, Carpet. J. C. Owens. 2,108,506; Feb. 15.
Strip for harvesters, Endless conveying. S. V. Hansson. 2,108,486; Feb. 15.
Strip rolling, Hot. R. L. Leffler. 2,108,379; Feb. 15.
Strip, Weather and carpet. L. E. Voorhees. 2,108,459; Feb. 15.
Structural member, Welded. G. G. Greulich. 2,108,373; Feb. 15.
Structural unit. J. McDonough. 2,108,685; Feb. 15.
Structure and assembly of converters. R. C. Lasslat. 2,108,069; Feb. 15.
Structural elements to concrete supporting bodies, Anchoring. R. J. De Wees. 2,108,107; Feb. 15.
Submerged motor. L. L. Schauer and J. H. McKewen. 2,108,780; Feb. 15.
Sulphonation products, Purification of. W. H. McAllister. 2,108,755; Feb. 15.
Supporter, Hose. D. P. Williams. 2,108,461; Feb. 15.
Surge arrester. A. O. Austin. 2,108,465; Feb. 15.
Switch: *See*—
Rotary switch.
Switch for use in telephone or like systems, Automatic. H. J. Edwards. 2,108,110; Feb. 15.
Switch, particularly for use in control of railway vehicles, Electric. A. Brown, R. H. Dunn, and D. G. McKie. 2,108,428; Feb. 15.
Tab for web rolls, Binder. A. J. Horton. 2,108,200; Feb. 15.
Table: *See*—
Universal easel table.
Tack, Thumb. A. G. O. Anderson. 2,108,739; Feb. 15.
Take-up rod. R. H. Lawson. 2,108,773; Feb. 15.
Tally keeper. H. C. Catherwood. 2,108,103; Feb. 15.
Tank: *See*—
Storage tank.
Tape dispensing machine, Gummed. L. Link. 2,108,496; Feb. 15.
Tape projector, Broad. A. D. Eitzen. 2,108,053; Feb. 15.
Telephone system. W. G. Patterson and R. G. Dixon. 2,108,140; Feb. 15.
Telephone system, Automatic. A. Heyduck. 2,108,437; Feb. 15.
Television device. L. A. Lora. 2,108,132; Feb. 15.
Television transmitter. A. V. Bedford and R. D. Kell. 2,108,007; Feb. 15.
Temperature control of contact masses and apparatus therefor. H. A. Shabaker and R. C. Lasslat. 2,108,081; Feb. 15.
Temperature control system, Correlative. P. B. Parks and W. M. Smith. 2,108,507; Feb. 15.
Tenaculum. S. Mecker. 2,108,206; Feb. 15.
Testing apparatus. C. P. Bartgis. 2,108,637; Feb. 15.
Textile and method of finishing. B. Wolf, W. Kling, and M. Rau. 2,108,520; Feb. 15.
Textile frame. W. T. Bakely. 2,108,424; Feb. 15.
Textile machine attachment. J. V. Polcha. 2,108,509; Feb. 15.
Thermostat. E. Juchheim. 2,108,338; Feb. 15.
Threshold. P. R. Oftedal and D. G. Kingsley. 2,108,137; Feb. 15.
Thrust collar. A. Kurti. 2,108,679; Feb. 15.
Tie-back, Window curtain. W. Egger. 2,108,198; Feb. 15.
Tie plate and rail cushion retainer. G. T. Willard. 2,108,460; Feb. 15.
Tile, Building. A. C. Van Antwerp. 2,108,396; Feb. 15.

Tile, Composition. W. S. Johnston. 2,108,226; Feb. 15.
TiO_2, Preparing. R. H. Monk and A. S. Ross. 2,108,723; Feb. 15.
Tire casing and rim. B. D. Carter. 2,108,329; Feb. 15.
Tire. H. T. Kraft. 2,108,406; Feb. 15.
Toaster, Electric. J. D. Morgan. 2,108,778; Feb. 15.
Tobacco mass, Method and device for distributing. E. R. Dahlström and K. E. Granstedt. 2,108,369; Feb. 15.
Tool: *See*—
Clutch sleeve spring tool. Machine tool.
Fishing tool. Metal cutting tool.
Tower, Cooling. R. Lakey. 2,108,690; Feb. 15.
Toy gun. F. L. Johnson. 2,108,669; Feb. 15.
Toy, Mechanical. E. Rocuskie. 2,108,726; Feb. 15.
Toy pistol. R. J. Rickenbacher. 2,108,269; Feb. 15.
Toy vehicle. R. Gluth and W. Kellermann. 2,108,584; Feb. 15.
Toy, Walking. A. Orloff. 2,108,345; Feb. 15.
Toys, Operating mechanism of vehicular. M. Fujii. 2,108,434; Feb. 15.
Tractor tread mechanism. J. F. Joy. 2,108,536; Feb. 15.
Tractor wheel. T. W. Paul. 2,108,346; Feb. 15.
Traffic signal light. J. Kiss. 2,108,675; Feb. 15.
Trailer, Logging. S. Weiss. 2,108,323; Feb. 15.
Transmission mechanism. J. S. Sharpe. 2,108,082–3; Feb. 15.
Transmission mechanism, Automatic automotive. F. W. Cotterman. 2,108,105; Feb. 15.
Transmission, Variable. E. S. Hall. 2,108,062; Feb. 15.
Trap: *See*—
Grasshopper trap.
Traveler record fastener, Composite. A. M. Bovier. 2,108,471; Feb. 15.
Tray fastening device. J. J. Brazell and C. A. Brosnan. 2,108,472; Feb. 15.
Trifluoromethyl-phenylsulphides, oxidation products thereof and preparing the same. F. Müller, O. Scherer, and W. Schumacher. 2,108,606; Feb. 15.
Trimming machine. R. S. Painter. 2,108,139; Feb. 15.
Trimming, Method of and machine for. W. H. Nutt. 2,108,177; Feb. 15.
Trouser hanger. C. D. Forsberg. 2,108,555; Feb. 15.
Truck, Milk. A. J. Cordrey. 2,108,104; Feb. 15.
Truck, Railway. D. S. Barrows. 2,108,362; Feb. 15.
Truck, Railway. G. F. Couch. 2,108,653; Feb. 15.
Truss. A. R. Bell. 2,108,521; Feb. 15.
Tube: *See*—
Cathode ray tube. Electron tube.
Collapsible tube. X-ray tube.
Tube cutting device. L. C. Stringer. 2,108,217; Feb. 15.
Tube enameling machine, Collapsible. W. Prussing. 2,108,443; Feb. 15.
Tubing clip. B. L. Quarnstrom. 2,108,347; Feb. 15.
Tuning control, Automatic. C. J. van Loon. 2,108,420; Feb. 15.
Turbine arrangement, Extraction. A. Rosch and H. Neumann. 2,108,614; Feb. 15.
Twin-fan structure. W. W. Allen. 2,108,738; Feb. 15.
Two-stroke engine, Scavenging. A. Bokemüller. 2,108,576; Feb. 15.
Type, Device for printing hand-composed odd. F. J. Weber. 2,108,357; Feb. 15.
Underbody. R. S. Begg. 2,108,191; Feb. 15.
Universal easel table. O. J. Pducha. 2,108,295; Feb. 15.
Utensils, Manufacture of cooking. A. Peron. 2,108,400; Feb. 15.
Valve: *See*—
Dredge pipe Y valve. Self-closing valve.
Valve. H. H. Holmes. 2,108,312; Feb. 15.
Valve. G. Raymond. 2,108,234; Feb. 15.
Valve and pressure gauge, Combined. A. Seyfarth. 2,108,272; Feb. 15.
Valve for internal combustion engines, Automatic heat control. C. M. Bicknell. 2,108,639; Feb. 15.
Valve mechanism. C. R. Summers. 2,108,514; Feb. 15.
Vanity case construction. T. M. Gibson. 2,108,665; Feb. 15.
Vapor phase treatment of petroleum distillates. H. S. Montgomery. 2,108,690; Feb. 15.
Vapor treatment of yarn in a straight knitting machine, Effecting. H. Janssen. 2,108,404; Feb. 15.
Variable pitch and reversing propeller mechanism. S. A. Farrell. 2,108,660; Feb. 15.
Variable stroke mechanism. A. J. Harris. 2,108,311; Feb. 15.
Vat, Sizing. N. A. Batchelder. 2,108,189; Feb. 15.
Vehicle signal light. W. H. Hill. 2,108,123; Feb. 15.
Waist band adjustment for garments. H. E. Miller. 2,108,175; Feb. 15.
Water and producing them, Kinds of. E. W. Washburn. 2,108,570; Feb. 15.
Water closet combination. B. O. Tilden. 2,108,625; Feb. 15.
Water heater. J. F. Mustee. 2,108,691; Feb. 15.
Water meter. R. S. Bassett. 2,108,425; Feb. 15.
Water ring for concrete pipe forms. J. C. French. 2,108,371; Feb. 15.
Waving pad, Permanent. C. J. Lewit. 2,108,590; Feb. 15.
Wearplate for rubber overshoes and the like. G. H. Wilkinson. 2,108,572; Feb. 15.
Web guiding device. W. C. Nash. 2,108,232; Feb. 15.
Welding clamp, Pipe joint. V. K. Robinson. 2,108,077; Feb. 15.
Wells, Apparatus for shooting. O. C. Mays. 2,108,174; Feb. 15.
Welting and article having such welting incorporated therein, Ornamental. R. W. Hale. 2,108,061; Feb. 15.
Wheel: *See*—
Tractor wheel.
Wheel assembly. B. M. Short. 2,108,145; Feb. 15.
Whipstock. O. B. Trotter. 2,108,419; Feb. 15.
Whisky, Aging. T. T. Miller. 2,108,317; Feb. 15.
Whizzer separator and mill. R. F. O'Mara. 2,108,609; Feb. 15.
Windshield and hatch, Aircraft. I. M. Laddon. 2,108,289; Feb. 15.
Wire screening applicator. R. Benedict. 2,108,638; Feb. 15.
Wood graining apparatus. R. E. Woolens. 2,108,155; Feb. 15.
Work feeding device. J. R. Townley and A. J. Mauntel. 2,108,626; Feb. 15.
Worm and worm gear assembly. F. D. Jones. 2,108,262; Feb. 15.
Writing board. E. J. Gerety. 2,108,481; Feb. 15.
Writing instrument. C. H. Phillips. 2,108,442; Feb. 15.
X-ray tube. J. Alfter. 2,108,573; Feb. 15.
Yarn dyeing dressing, and loom beaming. N. A. Batchelder. 2,108,188; Feb. 15.

CLASSIFICATION OF PATENTS

ISSUED FEBRUARY 15, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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108: 2,108,784
269— 89: 2,108,162
107: 2,108,462
270— 2: 2,108,044
2,108,213
3: 2,108,112
4: 2,108,341
6: 2,108,468
7: 2,108,280
35: 2,108,340
41: 2,108,498
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2,108,485
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54: 2,108,109
56.5: 2,108-126
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134: 2,108,188
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149: 2,108,123
165: 2,108,277
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110: 2,108,680
263— 14: 2,108,282
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3: 2,108,464
265— 1: 2,108,433
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267— 9: 2,108,124
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271— 2.8: 2,108,287
2.4: 2,108,406
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67: 2,108,226
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282— 12: 2,108,462
2,108,471
283— 12: 2,108,800
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30: 2,108,481
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284— 18: 2,108,714
285— 110: 2,108,131
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286— 8: 2,108,724
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290— 44: 2,108,663
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304— 13: Re.20,458
309— 135: 2,108,679
166: 2,108,262
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312— 83: 2,108,376
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U. S. GOVERNMENT PRINTING OFFICE: 1936

LIST OF TRADE-MARK APPLICANTS

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Abt, Catherine A., Pittsburgh, Pa. Dolls. Serial No. 398,519; Feb. 22. Class 22.

Air Reduction Sales Company, New York, N. Y. Machines for cutting and welding metal by means of gases. Serial No. 400,546; Feb. 22. Class 34.

Ajello, A., Incorporated, New York, N. Y. Sportswear. Serial No. 400,536; Feb. 22. Class 39.

American Bar Lock Co., Inc., Long Island City, N. Y. Solutions or compounds in the nature of a paint. Serial No. 398,502; Feb. 22. Class 16.

American Brakeblock Corporation, New York, N. Y., and Detroit, Mich., now by merger The American Brake Shoe and Foundry Company. Composition frictional elements for brakes. Serial No. 390,801; Feb. 22. Class 35.

American Can Company, New York, N. Y. Display racks or stands. Serial No. 398,083; Feb. 22. Class 23.

American Coke & Pretzel Company, Philadelphia, Pa. Pretzels. Serial No. 401,543; Feb. 22. Class 46.

American Dirigold Corporation, The, Kokomo, Ind. Trophies, medals, statues, etc. Serial No. 372,196; Feb. 22. Class 50.

American Newspapers, Inc., New York, N. Y. Column in a newspaper. Serial No. 400,585; Feb. 22. Class 38.

American-Sampler Corporation, St. Louis, Mo. Air conditioning units. Serial No. 394,135; Feb. 22. Class 34.

An-Fo Manufacturing Co. (See Rosenthal, John B.)

Antiseptic Mattress Co., Inc., Lynn, Mass. Mattresses, box springs, and studio couches. Serial No. 401,881; Feb. 22. Class 32.

Antolini & Co., New York, N. Y. Cheese. Serial No. 400,483; Feb. 22. Class 46.

Barrell, William L., Company, Inc., New York, N. Y. Cotton and woolen and combinations thereof in the piece. Serial No. 401,046; Feb. 22. Class 42.

Barrett & Company, Inc., Newark, N. J. Leather. Serial No. 400,490; Feb. 22. Class 1.

Baumann, Ludwig, & Company, New York, N. Y. Dining room suites, living room suites, nursery furniture, etc. Serial No. 393,364; Feb. 22. Class 34.

Behr, H. C. A., & C. H. Sweitzer, York, Pa. Rain stockings. Serial No. 400,547; Feb. 22. Class 39.

Berliner, Edwin E., & Co., New York, N. Y. Linen dress goods. Serial No. 401,123; Feb. 22. Class 42.

Bernat, Emile, & Sons Co., Jamaica Plain, Mass. Yarns. Serial No. 394,186; Feb. 22. Class 19.

Bridgeport Thermostat Company, Inc., Bridgeport, Conn. Thermostat controls for automobile heaters. Serial No. 399,134; Feb. 22. Class 34.

Brown Instrument Company, The, Philadelphia and Wayne Junction, Philadelphia, Pa. Measuring and control instruments and apparatus for automatically controlling an operation. Serial No. 392,475; Feb. 22. Class 26.

California Conserving Company, Inc., San Francisco, Calif. Pickles. Serial No. 401,043; Feb. 22. Class 46.

Cannon Laboratories Inc., New York, N. Y. Preparation for a cough and the spasmodic attacks occurring in whooping cough. Serial No. 401,570; Feb. 22. Class 6.

Canova Products Co., Jersey City, N. J. Syrups and extracts for making soft drinks. Serial No. 401,050; Feb. 22. Class 45.

Capex Company, The, Chicago, Ill. Cardboard and corrugated board window display forms, merchandise display stands, etc. Serial No. 394,575; Feb. 22. Class 50.

Capital Baking, Inc., Harrisburg, Pa. Pies, cakes, doughnuts, etc. Serial No. 400,639; Feb. 22. Class 46.

Carlson, Ernest J., Reading, Pa. Hair tonics. Serial No. 400,636; Feb. 22. Class 6.

Casey Jones. (See Jones, Leonard.)

Charles of the Ritz, Inc., New York, N. Y. Perfume and eau de cologne. Serial No. 401,326; Feb. 22. Class 6.

Chicago Bridge & Iron Works, Chicago, Ill. Flexible metal roofs for storage tanks. Serial No. 396,710; Feb. 22. Class 12.

Citrine Company, The, Toledo, Ohio. Effervescent salts. Serial No. 400,681; Feb. 22. Class 6.

Cleans-All Bleach Manufacturing Company. (See Cloutier, L. Philippe.)

Cloutier, L. Philippe, doing business as Cleans-All Bleach Manufacturing Company, [illegible], Mass. Bleach. Serial No. 398,683; [illegible]

Combett, Harry, & Co., [illegible], Pa. Women's dresses, and sweaters. Serial [illegible] Class 39.

Continental Hosiery Mills, [illegible], Texas. Piston rings. Serial No. [illegible] Class 34.

Cook, Lesley P., doing business as [illegible], Fort Worth, Texas. Field seeds. Serial No. [illegible] Feb. 22. Class 1.

Craven, David S., Jr., doing business as Whirl-Win Co., New York, N. Y. Games. Serial No. 399,808; Feb. 22. Class 22.

Crown Body Corporation, Ltd., Los Angeles, Calif. Motor driven buses, bus bodies, and structural parts therefor. Serial No. 397,841; Feb. 22. Class 19.

Davis, A., & Sons, Inc., Jersey City, N. J. Ladies' suits and coats. Serial No. 400,948; Feb. 22. Class 39.

Diamond Match Company, The, New York, N. Y. Paper napkins. Serial No. 400,892; Feb. 22. Class 37.

Dick, A. B., Company, Chicago, Ill. Duplicating ink. Serial No. 398,548; Feb. 22. Class 11.

Eastman Kodak Company, Jersey City, N. J., and New York, N. Y. Paper cutting machines or print trimmers. Serial No. 400,064; Feb. 22. Class 22.

Eastman Kodak Company, Jersey City, N. J., and Rochester, N. Y. Light-sensitive photographic paper. Serial No. 401,018; Feb. 22. Class 26.

Electrical Housekeeping, Inc., Manchester, Conn. Periodical. Serial No. 390,130; Feb. 22. Class 38.

Electrolux, Inc., New York, N. Y. Electric vacuum cleaners and accessories. Serial Nos. 399,077–8; Feb. 22. Class 21.

Evans Products Company, Detroit, Mich. Gear shifting mechanisms for automotive vehicles and on tractors. Serial No. 399,989; Feb. 22. Class 23.

Farmers Produce Company, Ltd., Brawley, Calif. Fresh vegetables. Serial No. 401,535; Feb. 22. Class 46.

Fay Sportswear, Inc., New York, N. Y. Skirts, slacks, shorts, etc. Serial No. 399,796; Feb. 22. Class 39.

Federated Press, New York, N. Y. News releases. Serial No. 399,295; Feb. 22. Class 38.

Fischer Corporation, The, Glendale, Calif. Physical therapy apparatus. Serial No. 396,870; Feb. 22. Class 44.

Florida Citrus Canners Cooperative, Lake Wales, Fla. Canned grapefruit, canned grapefruit juices for food purposes. Serial No. 400,824; Feb. 22. Class 46.

Forstmann Woolen Co., Passaic, N. J. Woolen piece goods. Serial No. 394,561; Feb. 22. Class 42.

Garlock Packing Company, The, Palmyra, N. Y. Leather packings, cups, washers, etc. Serial No. 398,723; Feb. 22. Class 35.

General Fireproofing Company, The, Youngstown, Ohio. Card panels and carriers, guide cards, and filing cards. Serial No. 394,278; Feb. 22. Class 37.

Goodrich, B. F., Company, The, Akron, Ohio, and New York, N. Y. Brake lining material. Serial No. 401,570; Feb. 22. Class 35.

Greenbrier Frocks Inc., New York, N. Y. Women's dresses. Serial No. 401,144; Feb. 22. Class 39.

Guth, Edwin F., Company, The, St. Louis, Mo. Electric lighting fixtures. Serial No. 401,023; Feb. 22. Class 21.

Hammer Food Products Corporation, doing business as Hammer Beverages, Brooklyn, N. Y. Beverages and syrups and extracts for making the same. Serial No. 401,606; Feb. 22. Class 45.

Hansen, John, & Sons, Oakland, Calif. Coffee. Serial No. 396,107; Feb. 22. Class 46.

Harrison, David A., Boston, Mass. Ladies' full-fashioned hosiery. Serial No. 400,598; Feb. 22. Class 39.

Hearst Publications, Incorporated, Los Angeles, Calif. Newspaper column. Serial No. 400,163; Feb. 22. Class 38.

Hensler, Jos., Brewing Co., The, Newark, N. J. Beer and ale. Serial No. 401,436; Feb. 22. Class 48.

Hercules Powder Company, Wilmington, Del. Polybasic acid intermediates for making synthetic resins. Serial No. 397,537; Feb. 22. Class 6.

Hermansen, William A., doing business as William A. Hermansen & Co., Boston, Mass. Paper wrappers. Serial No. 393,645; Feb. 22. Class 37.

Hommel, Wm. H., doing business as The M. Hommel Wine Co., Sandusky, Ohio. Wines. Serial No. 393,619; Feb. 22. Class 47.

Hurst, Adolphe, & Co., Inc., New York, N. Y. Medicament. Serial No. 401,318; Feb. 22. Class 6.

International Looms Inc., New York, N. Y. Carpets, rugs, and upholstery fabrics. Serial No. 401,060; Feb. 22. Class 42.

Iowa Poultry Producers Marketing Association, Ottumwa, Iowa. Stock and poultry feed, dressed poultry, butter, etc. Serial No. 362,757; Feb. 22. Class 46.

Johnson Oil Refining Company, Chicago, Ill. Gasoline. Serial No. 399,637; Feb. 22. Class 16.

Joint Rules Committee on Softball, Elizabeth, N. J. Bats and softballs. Serial No. 396,695; Feb. 22. Class 22.

Jones, Leonard, doing business as Casey Jones, Los Angeles, Calif. Fresh citrus and deciduous fruits, fresh vegetables, and melons. Serial No. 401,467; Feb. 22. Class 46.

K & B Motor Products, Inc., The, Hillside, N. J. Filters for gases or liquids, and parts thereof. Serial No. 400,058; Feb. 22. Class 31.

Kendall, Allen, Inc., New York, N. Y. Upholstery and drapery fabrics. Serial No. 401,220; Feb. 22. Class 42.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Katz Drug Company, Kansas City, Mo. Deodorant, antiseptic, and germicide preparations. Serial No. 401,147; Feb. 22. Class 6.

Kelp Co. Inc., The, Zeeland, Mich. Dehydrated kelp. Serial No. 400,509; Feb. 22. Class 6.

Kenite Laboratory, Inc., New York, N. Y. Pipe thread compound. Serial No. 400,306; Feb. 22. Class 12.

Kilgore Manufacturing Company, The, Westerville, Ohio. Toy pistols. Serial No. 401,744; Feb. 22. Class 22.

Klimax Overall Company, Inc., Athens, Ga. Overalls, men's coats, outer shirts, etc. Serial No. 391,226; Feb. 22. Class 39.

Knapp-Monarch Company, doing business as Kwikway Company, St. Louis, Mo. Electric vibrators, infra red ray lamps, and therapeutic lamps. Serial No. 381,768; Feb. 22. Class 44

Knickerbocker Textile Co., Inc., New York, N. Y. Silk, rayon, and acetate piece goods. Serial No. 401,389; Feb. 22. Class 42.

Kress, S. H., and Company, New York, N. Y. Hosiery. Serial No. 397,619; Feb. 22. Class 39.

Kress, S. H., and Company, New York, N. Y. Hosiery, socks, and anklets. Serial No. 397,670; Feb. 22. Class 39.

Kute Kiddies Headwear Inc., New York, N. Y. Children's clothing. Serial No. 398,541; Feb. 22. Class 39.

Kwikway Company. (See Knapp-Monarch Company.)

Lowe, Joe, Corporation, New York, N. Y. Frozen confections. Serial No. 393,657; Feb. 22. Class 46.

Lowe, Joe, Corporation, New York, N. Y. Frozen confections. Serial No. 393,659; Feb. 22. Class 46.

Lowenbaum, R., Manufacturing Co., St. Louis, Mo. Frocks and house and street dresses. Serial No. 401,028; Feb. 22. Class 39.

Lubin-Weeker Co., Inc., New York, N. Y. Men's pajamas. Serial No. 401,064; Feb. 22. Class 39.

Macy, R. H., & Co., Inc., New York, N. Y. Acetone, agar agar, rubbing alcohol, etc. Serial No. 400,240; Feb. 22. Class 6.

Mafera, Guy, Revere, Mass. Wedge assembly. Serial No. 400,446; Feb. 22. Class 13.

Marx & Kushner, New York, N. Y. Soap. Serial No. 400,565; Feb. 22. Class 4.

Markstein, Jonas S., doing business as Screeno Amusement Co., Chicago, Ill. Game employing cards. Serial No. 387,306; Feb. 22. Class 22.

Markwell Manufacturing Company, Inc., New York, N. Y. Stapling machines. Serial Nos. 399,536–8; Feb. 22. Class 23.

Marshall Field & Company, Chicago, Ill. Women's genuine crepe hosiery. Serial No. 401,563; Feb. 22. Class 39.

McKesson & Robbins, Incorporated, Bridgeport and Fairfield, Conn. Milk of magnesia, bandoline, glycerine suppositories, etc. Serial No. 399,508; Feb. 22. Class 6.

Mercoid Corporation, The, Chicago, Ill. Electric controls for electric switches, electric switches, and parts thereof. Serial No. 401,029; Feb. 22. Class 21.

Middletown Milk & Cream Co. Inc., Newark, N. J. Fresh milk. Serial No. 399,601; Feb. 22. Class 46.

Miller-Smith Hosiery Mills, Chattanooga, Tenn. Hosiery. Serial No. 398,922; Feb. 22. Class 39.

Milton Bradley Company, Springfield, Mass. Board games. Serial No. 398,663; Feb. 22. Class 22.

Milton Bradley Company, Springfield, Mass. Board game. Serial No. 401,330; Feb. 22. Class 22.

Minchenberg, David, New York, N. Y. Dresses, blouses, culottes, etc. Serial No. 400,986; Feb. 22. Class 39.

Minneapolis Paper Co., Minneapolis, Minn. Merchandise display racks. Serial No. 397,195; Feb. 22. Class 32.

Mission Dry Corporation, Los Angeles, Calif. Beverages and extracts and syrups for preparing the same. Serial No. 401,495; Feb. 22. Class 45.

Meyer Manufacturing Company, The, Youngstown, Ohio. Slacks. Serial No. 400,567; Feb. 22. Class 39.

Murphy, John P., Jr., Kenilworth, Ill. Pictorial publications. Serial No. 396,928; Feb. 22. Class 38.

National Blank Book Company, Riverside, Holyoke, Mass. Bookkeeping binders, blank form sheets, blank books, etc. Serial No. 398,782; Feb. 22. Class 37.

National Silver Deposit Ware Co., Inc., New York, N. Y. Cocktail shakers. Serial No. 400,120; Feb. 22. Class 13.

New England Shortening Company, Pawtucket, R. I. Vegetable edible cotton-seed oil emulsion for shortening. Serial No. 400,652; Feb. 22. Class 46.

New Haven Quilt & Pad Company, The, New Haven, Conn. Comfortables. Serial No. 400,920; Feb. 22. Class 42.

New Process Company, Warren, Pa. Perfumes. Serial No. 401,397; Feb. 22. Class 6.

Ohio Amusement Company, Inc., Columbus, Ohio. Coin controlled machine for dispensing popped corn. Serial No. 397,676; Feb. 22. Class 23.

Olin Manufacturing Co., Oakland, Calif. Toasted corn kernels. Serial No. 395,651; Feb. 22. Class 46.

Oviatt's Inc., Los Angeles, Calif. Outer shirts, pajamas, and coats. Serial No. 395,430; Feb. 22. Class 39.

Oxmid Corporation, New York, N. Y. Typewriter ribbons. Serial No. 398,858; Feb. 22. Class 11.

Paragon Knitting Mills, Philadelphia, Pa. Knitted sweaters for men, boys, and children. Serial No. 400,568; Feb. 22. Class 39.

Parfums Charbert, Inc., New York, N. Y. Cosmetics. Serial No. 401,314; Feb. 22. Class 6.

Parke, Davis & Company, Detroit, Mich. Extract obtained from stomach tissue combined with iron and vitamin B. Serial No. 400,535; Feb. 22. Class 6.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Ladies' and children's dresses. Serial No. 399,513; Feb. 22. Class 39.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Hosiery. Serial No. 401,223; Feb. 22. Class 39.

Peters, W. J., & Cie., Cologne-Rodenkirchen, Germany. Tracing cloth. Serial Nos. 398,171–3; Feb. 22. Class 37.

Peters, W. J., & Cie., Cologne-Rodenkirchen, Germany. Architects' linen (tracing cloth). Serial No. 398,174; Feb. 22. Class 37.

Pioneer Rubber Company, The, Willard, Ohio. Toy balloons. Serial No. 398,460; Feb. 22. Class 22.

Premier Bed & Spring Company, San Francisco, Calif. Bed springs, box springs, studio couches, etc. Serial Nos. 401,947–8; Feb. 22. Class 32.

Puritan Raincoat Co., Inc., New York, N. Y. Children's raincoats. Serial No. 397,911; Feb. 22. Class 39.

Raab-Meyerhof, M. H., Co., Inc., Philadelphia, Pa. Dress shirts. Serial No. 396,228; Feb. 22. Class 39.

Rees, Alfred A., New Haven, Conn. Frankfurter sandwich. Serial No. 396,867; Feb. 22. Class 46.

Reflector & Illuminating Co., Chicago, Ill. Lamp reflectors. Serial No. 400,468; Feb. 22. Class 24.

Reilly, Frank C., New York, N. Y. Electric flat irons and foot-operated switches. Serial No. 399,010; Feb. 22. Class 21.

Ritzenthaler, John, New York, N. Y. Polishing cloth for polishing metals. Serial No. 399,857; Feb. 22. Class 4.

Robinson Tag & Label Company, New York, N. Y. Labels, tags, button slots, etc. Serial No. 400,068; Feb. 22. Class 37.

Rose, Louis S., doing business as Rose Brothers, New York, N. Y. Trousers. Serial No. 401,276; Feb. 22. Class 39.

Rosefield, John B., doing business as An-Fo Manufacturing Co., Oakland, Calif. Insecticides. Serial No. 401,077; Feb. 22. Class 6.

Schaeffer Garment Co., Incorporated, The, Covington, Ky. Women's suits and coats. Serial No. 401,163; Feb. 22. Class 39.

Schenker, Michel & Weinstock, Inc., Chicago, Ill. Woolen piece goods. Serial Nos. 400,616–7; Feb. 22. Class 42.

Scott, Lawrence B., San Antonio, Tex. Metallic rods and elements for repairing cracked or broken castings. Serial No. 401,907; Feb. 22. Class 14.

Screeno Amusement Co. (See Markstein, Jonas S.)

Seven Seas Imports, Ltd., New York, N. Y. Non-alcoholic beverages. Serial No. 401,319; Feb. 22. Class 45.

Sewell Manufacturing Company, Bremen, Ga. Suits. Serial No. 393,822; Feb. 22. Class 39.

Shulton, Inc., New York, N. Y. Astringents, astringent cerates, bleach and beauty creams, etc. Serial Nos. 400,929–30; Feb. 22. Class 6.

Shulton, Inc., New York, N. Y. Astringents, astringent cerates, bleach and beauty creams, etc. Serial No. 400,932; Feb. 22. Class 6.

Shulton, Inc., New York, N. Y. Astringents, astringent cerates, bleach and beauty creams, etc. Serial No. 400,934; Feb. 22. Class 6.

Singer Manufacturing Company, The, New York, N. Y. Decalcomania transfers. Serial No. 400,356; Feb. 22. Class 38.

Slipes, Shelton, Conn. Slips. Serial No. 400,736; Feb. 22. Class 39.

Smi-Lax Medicine Co. (See Smith, Leon.)

Smith, Landon P., Inc., Irvington, N. J. Glass-cutters and parts thereof, putty knives, razors, etc. Serial No. 395,906; Feb. 22. Class 22.

Smith, Leon, doing business as Smi-Lax Medicine Co., Kannapolis, N. C. Tonic and laxative compound. Serial No. 400,397; Feb. 22. Class 6.

Smith, T. J., & Nephew, Limited, Hull, England. Crepe medical and surgical bandages and crepe surgical dressings, non-medicated. Serial No. 400,253; Feb. 22. Class 44.

Smith, T. J., & Nephew, Limited, Hull, England. Medical and surgical dressings, bandages, and plasters, non-medicated. Serial No. 400,254; Feb. 22. Class 44.

Spencerian Pen Company, The, New York, N. Y. Writing pens. Serial No. 399,118; Feb. 22. Class 37.

Spencerian Pen Company, The, New York, N. Y. Writing pens. Serial No. 399,529; Feb. 22. Class 37.

Steinhardt Company, Inc., The, New York, N. Y. Whiskey, gin, rum, etc. Serial No. 401,877; Feb. 22. Class 49.

Stockdale Fertilizer Company. (See Weitz, Henry J.)

Stoeger, A. F., Inc., New York, N. Y. Rifle telescopes, binoculars, and field glasses. Serial No. 401,200; Feb. 22. Class 36.

Strauss, Levi, & Co., San Francisco, Calif. Wearing apparel. Serial No. 401,264; Feb. 22. Class 39.

PUBLISHED FOR OPPOSITION

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907]

Sunny Hill Wineries, Inc., Chicago, Ill. Brandy. Serial No. 402,041; Feb. 22. Class 45.

Tri-Valley Packing Association, San Francisco, Calif. Canned fruits. Serial No. 400,795; Feb. 22. Class 46.

Trubenizing Process Corporation, New York, N. Y. Machines for use in making collars, cuffs, and the like. Serial No. 401,122; Feb. 22. Class 22.

Universal Stamp Company, Brooklyn, N. Y. Packets, sets, and mixtures of postage stamps. Serial No. 383,287; Feb. 22. Class 38.

Walker, J. C., Brothers, Inc., Hixmore, Va. Oysters and salt-water fish. Serial No. 401,626; Feb. 22. Class 46.

Ware Valley Manufacturing Co., Inc., Ware, Mass., and New York, N. Y. Knitted underwear for men and boys. Serial No. 397,694; Feb. 22. Class 39.

Wathen, John A., Distillery Co., Louisville and Lebanon, Ky., Whiskey. Serial No. 397,105; Feb. 22. Class 49.

Weiss & Klein Co., The, New York, N. Y. Kitchen window drapes, shelf edgings, scarfs, etc. Serial No. 401,461; Feb. 22. Class 42.

Weitz, Henry J., doing business as Stockdale Fertilizer Company, Morris, Ill. Fertilizer. Serial No. 401,409; Feb. 22. Class 10.

Whirl-Win Co. (See Craven, David S., Jr.)

Williams, Jan A., Saugerties, N. Y. Mineral water and non-alcoholic beverages, and sirups and extracts for making the same. Serial No. 401,038; Feb. 22. Class 45.

Wilson Welder and Metals Co., Inc., New York, N. Y. Electric arc welding machines. Serial No. 401,160; Feb. 22. Class 21.

Winne, Frank W., & Son Incorporated, Philadelphia, Pa. Binder twine, sisal binder twine, and sisal rope. Serial No. 400,890; Feb. 22. Class 7.

Wright Aeronautical Corporation, Paterson, N. J. Magazine. Serial No. 384,105; Feb. 22. Class 38.

Wright, R. H., Company, The, Ltd., Kansas City, Mo. Barbecue sauce. Serial No. 399,490; Feb. 22. Class 46.

Zenith Products Co., Wellsville, Ohio. Medicated shampoo for dogs. Serial No. 400,527; Feb. 22. Class 6.

LIST OF REGISTRANTS OF TRADE-MARKS

A. & M. Products Co., Stillwater, Okla. Liquid preparation to be added to the drinking water of poultry as a germicide. 354,765; Feb. 22; Serial No. 396,027; published Dec. 7, 1937. Class 6.

Addressograph-Multigraph Corporation, Euclid Village, Cleveland, Ohio. Writing fluid. 354,544; Feb. 22; Serial No. 399,544; published Dec. 14, 1937. Class 11.

Agicide Laboratories, Milwaukee, Wis. Insecticides. 354,812; Feb. 22; Serial No. 396,596; published Dec. 7, 1937. Class 6.

Agicide Laboratories, Milwaukee, Wis. Insecticides. 354,813; Feb. 22; Serial No. 396,600; published Dec. 7, 1937. Class 6.

American Coffee Company of New Orleans, Ltd., assignor to American Coffee Company, Inc., New Orleans, La. Coffee. 119,626; renewed Dec. 11, 1937.

American Sugar Refining Company, The, Jersey City, N. J., and New York, N. Y. Sugar. 354,794; Feb. 22; Serial No. 398,448; published Dec. 14, 1937. Class 46.

Anderson Company, The, Gary, Ind. Windshield wipers and parts thereof. 354,851–3; Feb. 22. Class 19.

Andrews, E. C., Company, Cleveland, Ohio. Porch enclosures and prefabricated building structures. 354,820; Feb. 22; Serial No. 396,697; published Dec. 14, 1937. Class 35.

Anodex Laboratories. (See von Dulken, A. W.)

Artaba Foods, Limited, Long Island City, N. Y. Seasoning compounds. 354,690; Feb. 22; Serial No. 386,395; published Dec. 14, 1937. Class 46.

Aspodyne, Incorporated, Charleston, Ill. Preparation used in the relief of pain. 354,783; Feb. 22; Serial No. 393,342; published Nov. 30, 1937. Class 6.

Automobile Mutual Insurance Company of America, Providence, R. I. Serial publication. 354,653; Feb. 22; Serial No. 333,213; published Dec. 14, 1937. Class 38.

B & B Service Corporation, Chicago, Ill. Annual publication relating to periodicals and their advertising rates. 354,749; Feb. 22; Serial No. 397,699; published Dec. 14, 1937. Class 38.

Baskind, Louis, & Co., Inc., New York, N. Y. Dress, negligee, and work shirts, etc. 354,766; Feb. 22; Serial No. 396,061; published Dec. 14, 1937. Class 39.

Baum, Ellen N., Denver, Colo. Deodorants and perspiration retarding preparations. 354,745; Feb. 22; Serial No. 397,567; published Dec. 7, 1937. Class 6.

Beautywise Laboratories. (See Lettage, E. F.)

Behr, Arthur, & Co. Inc., New York, N. Y. Piece goods. 354,837; Feb. 22; Serial No. 399,029; published Dec. 14, 1937. Class 42.

Billings & Spencer Company, The, Hartford, Conn. Wrenches. 354,818; Feb. 22; Serial No. 398,660; published Dec. 14, 1937. Class 23.

Bilofsky, Maxwell M., New York, N. Y. Radio tubes. 354,760; Feb. 22; Serial No. 397,700; published Dec. 14, 1937. Class 21.

Black Diamond Coal Mining Company, Birmingham, Ala. Coal. 354,660–1; Feb. 22. Class 1.

Blaisdell Pencil Company, Philadelphia, Pa. Wood-cased lead pencils. 354,728; Feb. 22; Serial No. 396,801; published Dec. 14, 1937. Class 37.

Boericke & Tafel, Inc., Philadelphia, Pa. Preparations for treating certain named diseases. 121,858; renewed June 11, 1938.

Brewer & Company, Inc., Worcester, Mass. Pastille. 354,761; Feb. 22; Serial No. 397,941; published Nov. 30, 1937. Class 6.

Brooks Oil Company, The, Cleveland, Ohio. Lubricating grease. 354,691; Feb. 22; Serial No. 386,400; published Dec. 7, 1937. Class 15.

Bubble Up Company. (See Schaeberger, Leroy O.)

Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Hypochlorites. 354,762; Feb. 22; Serial No. 397,962; published Nov. 30, 1937. Class 6.

Burberrys Limited, London, England. Cloths and stuffs in the piece. 354,796; Feb. 22; Serial No. 398,457; published Dec. 14, 1937. Class 42.

Calgon Incorporated, Pittsburgh, Pa. Chemical compound. 354,767; Feb. 22; Serial No. 398,088; published Dec. 7, 1937. Class 6.

California Spray-Chemical Corporation, Wilmington, Del., and Richmond, Calif. Insecticide barriers. 354,724; Feb. 22; Serial No. 396,667; published Dec. 7, 1937. Class 6.

Cape Cod Cooks. (See Waugh, William C.)

Carleton Sportswear, Inc., New York, N. Y. Women's and misses' coats, suits, dresses, etc. 354,827; Feb. 22; Serial No. 398,803; published Dec. 14, 1937. Class 39.

Carlton House. (See Random House, Inc.)

Celanese Corporation of America, New York, N. Y. Piece goods. 354,828–9; Feb. 22; Serial Nos. 398,804–5; published Dec. 14, 1937. Class 42.

Celanese Corporation of America, New York, N. Y. Piece goods. 354,830; Feb. 22; Serial No. 398,807; published Dec. 14, 1937. Class 42.

Celotex Corporation, The, Chicago, Ill. Structural wall surfacing, sound absorbing and decorative materials. 354,707; Feb. 22; Serial No. 395,377; published Dec. 14, 1937. Class 12.

Central Scientific Company, Chicago, Ill. Oils. 354,688; Feb. 22; Serial No. 385,505; published July 13, 1937. Class 15.

Champion Laboratories Inc., Meriden, Conn. Key chains and key rings. 354,740; Feb. 22; Serial No. 397,326; published Dec. 14, 1937. Class 13.

Character Sales Corporation, New York, N. Y. Coffee. 354,826; Feb. 22; Serial No. 398,034; published Dec. 14, 1937. Class 46.

Chisholm-Ryder Co., Inc., Niagara Falls, N. Y. House numbers and letters and lawn sprinklers. 354,903; Feb. 22; Serial No. 398,554; published Dec. 14, 1937. Class 13.

Clapp, Otis, & Son, Inc., Boston, Mass. Laxative. 354,771; Feb. 22; Serial No. 398,147; published Nov. 30, 1937. Class 6.

Clapp, Otis, & Son, Inc., Boston, Mass. Laxative tablet. 354,772; Feb. 22; Serial No. 398,148; published Nov. 30, 1937. Class 6.

Coates, Wallace B., Jr., Lynn, to Wallace B. Coates, Jr., North Andover, Mass. Toilet preparations. 120,072; renewed Jan. 6, 1938.

Cohen, Nathan B., assignor, by mesne assignments, to N. B. Cohen Company, Scranton, Pa. Hair-nets. 120,479; renewed Feb. 12, 1938.

Compania de Productos Marinos, S. A., Ensenada, Mex. Canned shellfish. 354,746; Feb. 22; Serial No. 397,612; published Dec. 14, 1937. Class 46.

Congratulations, Inc., New York, N. Y. Magazines and periodicals. 354,705; Feb. 22; Serial No. 395,500; published Dec. 14, 1937. Class 38.

Conn, C. G., Ltd., Elkhart, Ind. Cornets, trumpets, flugelhorns, etc. 354,804–5; Feb. 22; Serial Nos. 398,560–1; published Dec. 14, 1937. Class 26.

Continental Lithograph Corporation, Cleveland, Ohio. Prints, lithographs, posters, etc. 354,703; Feb. 22; Serial No. 394,125; published Dec. 14, 1937. Class 38.

Continental Lithograph Corporation, Cleveland, Ohio. Prints and reproduction of paintings. 354,792; Feb. 22. Class 38.

Converse Rubber Shoe Co., assignor to Converse Rubber Company, Malden, Mass. Boots and shoes. 121,760; renewed May 28, 1938.

Cosmesis, Inc., Chicago, Ill. Facial oil. 354,741; Feb. 22; Serial No. 397,356; published Nov. 30, 1937. Class 6.

Cosmo Dress, Inc., New York, N. Y. Dresses. 354,832; Feb. 22; Serial No. 398,830; published Dec. 14, 1937. Class 39.

Crown Cork & Seal Company, Inc., Baltimore, Md. Jar sealing rings. 354,731; Feb. 22; Serial No. 396,868; published Dec. 14, 1937. Class 35.

Dealkol Company, The, Chagrin Falls, Ohio. Medicinal preparation. 354,787; Feb. 22; Serial No. 398,392; published Dec. 7, 1937. Class 6.

Dermo Co., The, Chicago, Ill. Protective skin cream. 354,722; Feb. 22; Serial No. 396,600; published Nov. 30, 1937. Class 6.

De Roos-Sternheim Company, Incorporated, The, Chicago, Ill. Cosmetic application. 354,757; Feb. 22; Serial No. 397,900; published Nov. 30, 1937. Class 6.

Diamond State Brewery, Inc., Wilmington, Del. Beer. 354,692; Feb. 22; Serial No. 387,780; published Dec. 14, 1937. Class 48.

Dick, A. B., Company, Chicago, Ill. Cushion sheets used in preparation of stencils. 354,793; Feb. 22; Serial No. 393,424; published Dec. 14, 1937. Class 37.

Dick, A. B. Company, Chicago, Ill. Flexible covers for duplicating machines. 354,806; Feb. 22; Serial No. 398,580; published Dec. 14, 1937. Class 50.

Dick, A. B., Company, Chicago, Ill. Fluid adapted for use in stenciling and for softening stencils and stencil paper. 354,807; Feb. 22; Serial No. 398,567; published Dec. 7, 1937. Class 6.

Dick, A. B., Company, Chicago, Ill. Plates for making stencils. 354,821; Feb. 22; Serial No. 398,714; published Dec. 14, 1937. Class 50.

Dick, A. B., Company, Chicago, Ill. Interleaving blotters and separators. 354,822; Feb. 22; Serial No. 398,760; published Dec. 14, 1937. Class 37.

Diefenbach Laboratories Inc., Rochester, N. Y. Liquid tooth and mouth cleanser. 354,855; Feb. 22. Class 22.

Ditalia, William, Brooklyn, N. Y. Preparation recommended for growing hair and cleansing the scalp. 354,739; Feb. 22; Serial No. 397,319; published Nov. 30, 1937. Class 6.

Divine Brothers Company, Utica, N. Y. Truck casters. 354,704; Feb. 22; Serial No. 394,404; published Dec. 14, 1937. Class 19.

Drake Supply Co., Los Angeles, Calif. Wire rope. 354,690; Feb. 22; Serial No. 392,918; published Dec. 14, 1937. Class 7.

Driwood Corporation, New York, N. Y. Partitions, doors, wood molding, etc. 354,795; Feb. 22; Serial No. 396,482; published Dec. 14, 1937. Class 12.

Drug Products Co., Inc., The, Long Island City, N. Y. Colloidal manganese sodium cacodylate preparation. 354,768; Feb. 22; Serial No. 398,099; published Nov. 16, 1937. Class 6.

Eagle Signal Corporation, Moline, Ill. Traffic signals, signal controllers, sign flashers, etc. 354,733; Feb. 22; Serial No. 397,110; published Dec. 14, 1937. Class 21.

Eastern Coal Corporation, Bluefield, W. Va. Bituminous coal. 354,755; Feb. 22; Serial No. 398,393; published Dec. 14, 1937. Class 1.

Electric Razor Corporation, Chicago, Ill. Electric dry shavers. 354,747; Feb. 22; Serial No. 397,649; published Dec. 14, 1937. Class 23.

Elliott, Clarence V., Los Angeles, Calif. Instruments for exhaust gas analysis. 354,814; Feb. 22; Serial No. 398,615; published Dec. 14, 1937. Class 26.

Ellis, T. M., Jr., doing business as Shekels Advertising Company, Beloit, Wis. Display signs and boards and portable rotary wheels containing indicia. 354,717; Feb. 22; Serial No. 396,187; published Dec. 14, 1937. Class 50.

Elmo, Inc., Philadelphia, Pa. Toilet creams, lotions, perfumes, etc. 354,734; Feb. 22; Serial No. 397,189; published Nov. 30, 1937. Class 6.

Exhibit Supply Company, The, Chicago, Ill. Amusement apparatus. 354,843; Feb. 22; Serial No. 399,404; published Dec. 14, 1937. Class 22.

Eureka Feed Mills. (See Wilson, John M.)

Everly Aircraft Corp., Salem, Oreg. Airplane amusement devices. 354,800; Feb. 22; Serial No. 398,531; published Dec. 14, 1937. Class 22.

Exo-Tex Laboratory. (See Scheidler, Madalen.)

Faxon & Gallagher Drug Co., Kansas City, Mo., assignor, by mesne assignments, to McKesson & Robbins, Incorporated, Fairfield, Conn. Perfumes, toilet waters, face-creams, etc. 119,050; renewed Apr. 3, 1937.

Fulton, Sibley & Co., Inc., Philadelphia, Pa. Paints and painters' materials. 119,887; renewed Dec. 18, 1937.

Flintkote Company, The, New York, N. Y. Composition asphalt roofing materials. 354,689; Feb. 22; Serial No. 396,075; published Dec. 7, 1937. Class 12.

Forester, Herbert, deceased, to W. Forester, administrator of the estate of H. Forester, doing business as Veritas Firing System Company, Trenton, N. J., successor, Measuring and scientific apparatus. 119,888; renewed Dec. 18, 1937.

Fuji Trading Company, The, Chicago, Ill. Chop suey sauce, canned bean sprouts, canned chow mein noodles, etc. 354,702; Feb. 22; Serial No. 393,981; published Dec. 14, 1937. Class 46.

Gamble Stores Incorporated, Minneapolis, Minn. Laundry washing machines. 354,862; Feb. 22. Class 24.

Garcia Grande Cigars, Incorporated, New York, N. Y. Cigars. 354,780; Feb. 22; Serial No. 398,312; published Dec. 14, 1937. Class 17.

General Electric Company, Schenectady, N. Y. Apparatus for rectifying alternating current. 120,737; renewed Mar. 5, 1938.

General Electric Company, Schenectady, N. Y. Bearings for machinery. 120,381; renewed Feb. 5, 1938.

Gertz, B., Inc., Jamaica, N. Y. Suits, overcoats, raincoats, etc. 354,736; Feb. 22; Serial No. 397,245; published Dec. 14, 1937. Class 39.

Goldman, Louis M., doing business as Lou Bob Company, Chicago, Ill. Lubricating oils. 354,764; Feb. 22; Serial No. 398,263; published Dec. 14, 1937. Class 15.

Gratz, Wm. E., Import Co., New York, N. Y. Wood wind and metal wind instruments. 354,758; Feb. 22; Serial No. 397,847; published Dec. 14, 1937. Class 36.

Great Atlantic & Pacific Tea Company, The, New York, N. Y. Cakes and doughnuts. 354,554; Feb. 22. Class 46.

Greenberg, Bella Omaha, Nebr. Eyewash. 354,763; Feb. 22; Serial No. 396,007; published Nov. 30, 1937. Class 6.

Hall Hardware Company, Minneapolis, Minn. Lubricating oils and greases. 354,842; Feb. 22; Serial No. 399,254; published Dec. 14, 1937. Class 15.

Harrower Laboratory, Inc., The, Glendale, Calif. Medicinal compound. 354,774; Feb. 22; Serial No. 398,199; published Nov. 30, 1937. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Medicinal compound. 354,775; Feb. 22; Serial No. 398,201; published Nov. 30, 1937. Class 6.

Harrower Laboratory, Inc., The, Glendale, Calif. Medicinal preparation. 354,776-7; Feb. 22; Serial Nos. 398,202-3; published Nov. 30, 1937. Class 6.

Harry, Carl L., Mount Healthy, Ohio. Bowling alley. 354,785; Feb. 22; Serial No. 398,354; published Dec. 14, 1937. Class 22.

Hearst Publications, Incorporated, San Francisco, Calif. Column published in its daily newspaper. 354,770; Feb. 22; Serial No. 398,139; published Dec. 14, 1937. Class 38.

Heeren, Ernest R., doing business as Roxseal Company, Long Island City, N. Y. Mastic for use as a surfacing material, etc. 354,749; Feb. 22; Serial No. 397,062; published Dec. 14, 1937. Class 12.

Herbert, John M., doing business as Herbert Manufacturing Co., Shreveport, La. Artificial fishing bait. 354,806; Feb. 22; Serial No. 398,573; published Dec. 14, 1937. Class 22.

Hills, Reuben B. (See Puro Sanitary Drinking Fountain Co.)

Hollister Canning Company, Inc., Hollister, Calif. Canned fruits and vegetables. 354,848; Feb. 22. Class 46.

Houghton, E. F., & Co., Philadelphia, Pa. Composition of carbonaceous material and energizer for the carburizing of steel. 354,811; Feb. 22; Serial No. 398,621; published Dec. 7, 1937. Class 6.

Ideal Fastener Corporation, New York, N. Y. Slide fastener assemblies. 354,695; Feb. 22; Serial No. 390,213; published Dec. 14, 1937. Class 13.

Indestro Manufacturing Corp., Chicago, Ill. Wrench socket kits. 354,809; Feb. 22; Serial No. 398,579; published Dec. 14, 1937. Class 23.

Ingersoll-Rand Company, New York, N. Y. Air-feed hammer-drills. 354,727; Feb. 22; Serial No. 396,719; published Dec. 14, 1937. Class 23.

International Filmbook Corporation, New York, N. Y. Photographic cameras and parts thereof, still and motion picture projectors, etc. 354,687; Feb. 22; Serial No. 385,099; published May 4, 1937. Class 26.

Jadwigs Remedies, Inc., Brooklyn, N. Y. Perfume. 354,781; Feb. 22; Serial No. 398,318; published Nov. 30, 1937. Class 6.

Johnston, Charles F., doing business as Super Auto Products Company, Oakland, Calif. Piston expanders. 354,849-50; Feb. 22. Class 23.

K-Nine Diner Corporation, Cleveland, Ohio. Trays, troughs, receptacles, etc. 354,743; Feb. 22; Serial No. 397,445; published Dec. 14, 1937. Class 2.

Kamm & Schellinger Company, Inc., Mishawaka, Ind. Beer. 354,841; Feb. 22; Serial No. 399,303; published Dec. 14, 1937. Class 48.

Kemp, E. F., Inc., Somerville, Mass. Nut spread. 354,701; Feb. 22; Serial No. 393,654; published Aug. 3, 1937. Class 46.

Kerns, L. E., Co., Inc., The, Chicago, Ill. Lubricating oils and greases. 354,866; Feb. 22. Class 15.

Kite Mold Company, Los Angeles, Calif. Machinery and tools. 354,803; Feb. 22. Class 23.

Koenig, Harry D., doing business as Swan Luxuries Co., New York, N. Y. Chemically prepared deodorants, contraceptives, and toilet preparations. 354,719; Feb. 22; Serial No. 396,407; published Dec. 7, 1937. Class 6.

Lobell, Frank, doing business as Lobell Specialty Company, Los Angeles, Calif. Cake. 354,730; Feb. 22; Serial No. 396,960; published Dec. 14, 1937. Class 46.

Laitner, F. F., doing business as Beautywise Laboratories, San Francisco, Calif. Skin toning lotion, skin bleaching lotion, permanent wave oil, etc. 354,720; Feb. 22; Serial No. 396,631; published Dec. 7, 1937. Class 6.

Liljegren, Gus A. (See White Cross Chemical Company.)

Lingner-Werke Vertriebs, G. m. b. H., Dresden, Germany. Disinfectant and antiseptic. 354,797; Feb. 22; Serial No. 398,476; published Dec. 7, 1937. Class 6.

London & Co., Inc., Elizabeth, N. J. Whiskey. 354,694; Feb. 22; Serial No. 390,076; published Apr. 27, 1937. Class 49.

Lou Bob Company. (See Goldman, Louis M.)

Macy, R. H., & Co., Inc., New York, N. Y. Acetone, rubbing alcohol, alkaline tablets, etc. 354,737; Feb. 22; Serial No. 397,258; published Dec. 7, 1937. Class 6.

Madaus, Dr., & Co., Radebeul, Germany. Chemical preparation. 354,693; Feb. 22; Serial No. 391,139; published Feb. 7, 1937. Class 6.

Mallinson, Geo. R., Importing Co., Inc., New York, N. Y. Rugs, carpets, and floor coverings. 354,831; Feb. 22; Serial No. 398,617; published Dec. 14, 1937. Class 42.

Marcella, Carrie M., Philadelphia, Pa. Battery compound. 354,709; Feb. 22; Serial No. 395,594; published Dec. 7, 1937. Class 6.

Marinello Corporation, New York, N. Y. Depilatory. 354,710; Feb. 22; Serial No. 396,523; published Nov. 30, 1937. Class 6.

Massey-Harris Company, The, Racine, Wis. Farm tractors and parts thereof. 354,810; Feb. 22; Serial No. 398,552; published Dec. 14, 1937. Class 22.

McDonald Products Corporation, Buffalo, N. Y. Ash trays and receptacles, smoking stands, etc. 354,700; Feb. 22; Serial No. 393,226; published Dec. 14, 1937. Class 8.

McKesson & Robbins, Incorporated. (See Faxon & Gallagher Drug Co., assignor.)

Megowen-Educator Food Company. (See Star Biscuits of America, Inc., assignee.)

Manley & James, Limited, New York, N. Y. Medicated tablet. 354,732; Feb. 22; Serial No. 397,078; published Nov. 30, 1937. Class 6.

Metal Glass Products Company, Belding, Mich. Dry cleaning machines. 354,711; Feb. 22; Serial No. 395,586; published Dec. 14, 1937. Class 24.

Milestone Distilling Company Incorporated, Louisville, Ky., and San Francisco, Calif. Whiskey. 354,833; Feb. 22; Serial No. 398,918; published Dec. 14, 1937. Class 49.

Milestone Distilling Company Incorporated, Louisville, Ky., and San Francisco, Calif. Whiskey. 354,836; Feb. 22; Serial No. 398,003; published Dec. 14, 1937. Class 49.

Miller, Louis, doing business as Louis Miller and Company, New York, N. Y. Men's dress shirts. 354,815; Feb. 22; Serial No. 398,629; published Dec. 14, 1937. Class 39.

Minicam Company, The, Los Angeles, Calif. Envelopes or files for negative photographic film and the like. 354,759; Feb. 22; Serial No. 397,949; published Dec. 14, 1937. Class 36.

Minor, William O., assignee to Dorothy C. Minor, Atlanta, Ga. Corrective shoes. 354,692; Feb. 22; Serial No. 390,006; published Dec. 14, 1937. Class 44.

Mission Fruit & Vegetable Co., Inc., Mission, Tex. Fresh citrus fruits and fresh vegetables. 354,789; Feb. 22; Serial No. 398,401; published Dec. 14, 1937. Class 46.

Modern Health Products, Inc., Milwaukee, Wis. Calcium phosphorus vitaminic preparation. 354,816; Feb. 22; Serial No. 398,631; published Dec. 7, 1937. Class 6.

Morgan Crucible Company Limited, The, London, England. Sealing rings and gland rings. 354,725-6; Feb. 22; Serial Nos. 396,689-90; published Dec. 14, 1937. Class 35.

Mutterperl, Sol, Inc., New York, N. Y. Ladies' handbags of imitation leather. 354,718; Feb. 22; Serial No. 396,367; published Dec. 14, 1937. Class 3.

National Enameling and Stamping Company, Milwaukee, Wis. Enameled steel cooking hollow ware. 354,846-7; Feb. 22. Class 12.

National Fabrics Corporation, New York, N. Y. Textile fabrics. 354,834; Feb. 22; Serial No. 398,923; published Dec. 14, 1937. Class 42.

National Supply Company, The, Toledo, Ohio, assignor, by mesne assignments, to The National Supply Company, Pittsburgh, Pa. Hardware and plumbing and steam-fitting supplies. 120,662; renewed Mar. 19, 1938.

National Supply Company, The, Toledo, Ohio, assignor, by mesne assignments, to The National Supply Company, Pittsburgh, Pa. Cutlery, machinery, and tools, and parts thereof. 121,230; renewed Apr. 23, 1938.

National Supply Company, The, Toledo, Ohio, assignor, by mesne assignments, to The National Supply Company, Pittsburgh, Pa. Metals and metal castings and forgings. 121,242; renewed May 14, 1938.

Nelson, Charles O., doing business as Washington Dental Products Co., Centralia, Wash. Dental preparation. 354,751; Feb. 22; Serial No. 397,719; published Nov. 30, 1937. Class 6.

Nestle's Milk Products, Inc., New York, N. Y. Specially prepared concentrated food in tablet form. 354,714; Feb. 22; Serial No. 396,734; published Dec. 7, 1937. Class 6.

Nicotine Mfg. Co., St. Louis, Mo. Insecticide. 120,279; renewed Jan. 25, 1938.

No-Sag Spring Company, Detroit, Mich. Spring seats, seat backs, beds and the like. 354,697; Feb. 22. Class 32.

Ornstein, Levy & Israelson, New York, N. Y. Women's coats and suits. 354,826; Feb. 22; Serial No. 398,929; published Dec. 14, 1937. Class 39.

Pelpescot Paper Company, Brunswick, Maine. Paper. 354,760; Feb. 22; Serial No. 397,950; published Dec. 14, 1937. Class 37.

Permatex Company, Inc., Brooklyn, N. Y. Sealing composition used for relining upper palate teeth dentures. 354,790; Feb. 22; Serial No. 398,408; published Dec. 14, 1937. Class 44.

Petrin Co., The, New York, N. Y. Perfumes. 354,753; Feb. 22; Serial No. 397,864; published Nov. 30, 1937. Class 6.

Phillips, Dr. P., Company, Orlando, Fla. Canned and fresh citrus fruits and canned fruit juices. 354,720; Feb. 22; Serial No. 396,575; published Dec. 14, 1937. Class 46.

Pillsbury Flour Mills Company, Minneapolis, Minn. Wheat flour. 354,823-4; Feb. 22; Serial Nos. 398,760-60; published Dec. 14, 1937. Class 46.

Pinaud Incorporated, New York, N. Y. Toilet water. 354,742; Feb. 22; Serial No. 397,420; published Nov. 30, 1937. Class 6.

Pink, Berry, Inc., New York, N. Y. Marbles. 354,801; Feb. 22; Serial No. 398,546; published Dec. 14, 1937. Class 22.

Porter Screen Company, Winooski, Vt. Window screens. 354,817; Feb. 22; Serial No. 398,636; published Dec. 14, 1937. Class 12.

Pro-phy-lac-tic Brush Company, Northampton, Mass. Tooth brushes. 354,830; Feb. 22; Serial No. 399,108; published Dec. 14, 1937. Class 29.

Prym, William, of America, Inc., New York and Long Island City, N. Y. Pins, snap fasteners, hooks and eyes, etc. 354,845; Feb. 22; Serial No. 376,442; published July 7, 1936. Class 40.

Public Relations, Inc., New York, N. Y. Periodical. 354,738; Feb. 22; Serial No. 397,267; published Dec. 14, 1937. Class 38.

Puro Sanitary Drinking Fountain Co., to Reuben B. Hills, doing business as Puro Sanitary Drinking Fountain Co., Hardenville, Mass., successor. Drinking-fountains and parts thereof. 120,218; renewed Jan. 15, 1938.

Radio Laboratories, Inc., Seattle, Wash. Office intercommunicating telephone radio, or the like. 354,716; Feb. 22; Serial No. 396,043; published Dec. 14, 1937. Class 21.

Radof, William, New York, N. Y. Adhesive tape remover fluid. 354,764; Feb. 22; Serial No. 398,016; published Nov. 30, 1937. Class 6.

Random House, Inc., also doing business as Carlton House, New York, N. Y. Series of books. 354,754; Feb. 22; Serial No. 397,870; published Dec. 14, 1937. Class 38.

Ready Foods Company, Inc., Chicago, Ill. Canned dog food. 354,755; Feb. 22; Serial No. 397,871; published Dec. 14, 1937. Class 46.

Rhea Manufacturing Company, Milwaukee, Wis. Dresses, smocks, and housecoats. 354,721; Feb. 22; Serial No. 396,578; published Dec. 14, 1937. Class 39.

Rochelle Asparagus Company, Rochelle, Ill. Canned asparagus. 354,858; Feb. 22. Class 46.

Rose, Don W., Cooperstown, N. Y. Fishing spoons and lures. 354,778; Feb. 22; Serial No. 398,261; published Dec. 14, 1937. Class 22.

Roxseal Company. (See Heeren, Ernest R.)

Royston, F. E., & Company, Inc., Aurora, Ill. Tea, flavoring extracts for foods, vinegar, etc. 120,635; renewed Feb. 19, 1938.

S. I. Q. Company, New York, N. Y. Lotion for the skin and scalp. 354,712; Feb. 22; Serial No. 395,628; published Nov. 30, 1937. Class 6.

St. Charles Manufacturing Co., St. Charles, Ill. Kitchen cabinets and kitchen cabinet units. 354,696; Feb. 22; Serial No. 390,868; published Dec. 14, 1937. Class 32.

Scatena Bros. Wine Co., Healdsburg, Calif. Wines. 354,791; Feb. 22; Serial No. 398,410; published Dec. 14, 1937. Class 47.

Scheidler, Madalen, doing business as Exo-Tex Laboratory, Milwaukee, Wis. Foot powder, mouth wash, deodorant foot powder, etc. 354,697; Feb. 22; Serial No. 391,093; published Dec. 7, 1937. Class 6.

Schneeberger, Leroy O., doing business as Bubble Up Company, St. Louis, Mo. Nonalcoholic beverage. 354,840; Feb. 22; Serial No. 399,154; published Dec. 14, 1937. Class 45.

Schnelderman, S., & Sons, New York, N. Y. Fur skins and pelts. 354,859; Feb. 22. Class 1.

Shaw, Alex D., & Co., assignor to Alex D. Shaw & Co., Inc., New York, N. Y. Cocktails. 121,213; renewed Apr. 16, 1938.

Shekels Advertising Company. (See Ellis, T. M., Jr.)

Sherwood Brothers Incorporated, Baltimore, Md. Oil burners. 354,779; Feb. 22; Serial No. 398,263; published Dec. 14, 1937. Class 34.

Snider Packing Corporation, Rochester, N. Y. Canned fruits and vegetables, chili sauce, etc. 354,696; Feb. 22; Serial No. 372,863; published Apr. 14, 1936. Class 46.

Sorkin, Louis, doing business as Sorkin Music Company, New York, N. Y. Piano accordions, Vienna model accordions, stop accordions, etc. 354,706; Feb. 22; Serial No. 396,159; published Dec. 14, 1937. Class 34.

Sound Products, Hollywood, Calif. Communication equipment. 354,705; Feb. 22; Serial No. 394,650; published Dec. 14, 1937. Class 21.

Southwest Grease & Oil Company, Wichita, Kans. Lubrication greases. 354,769; Feb. 22; Serial No. 398,131; published Dec. 7, 1937. Class 15.

Spatola, Joseph, Sr., doing business as Spatola Importing Company, Philadelphia, Pa. Whiskey. 354,796; Feb. 22; Serial No. 398,574; published Dec. 14, 1937. Class 49.

Squibb, E. R., & Sons, New York, N. Y. Preparations for protecting and conditioning the skin. 354,782; Feb. 22; Serial No. 398,328; published Nov. 30, 1937. Class 6.

Standard Brands Incorporated, New York, N. Y. Baking powder. 354,735; Feb. 22; Serial No. 397,233; published Dec. 14, 1937. Class 46.

Standard Brands Incorporated, New York, N. Y. Dough improver. 354,825; Feb. 22; Serial No. 398,794; published Dec. 14, 1937. Class 46.

Star Biscuits of America, Inc., Lowell, assignor to Megowen-Educator Food Company, Cambridge, Mass. Crackers or biscuits. 354,685; Feb. 22; Serial No. 389,376; published Nov. 19, 1935. Class 46.

Stern, Julius J., Chicago, Ill. Structural panels, veneers, plywood boards and panels, etc. 354,744; Feb. 22; Serial No. 397,488; published Dec. 7, 1937. Class 12.

Strouse-Baer Company, Inc., The, Baltimore, Md. Children's wash suits. 354,802; Feb. 22; Serial No. 398,549; published Dec. 14, 1937. Class 39.

Super Auto Products Company. (See Johnston, Charles F.)

Superior Petticoat Company, Inc., New York, N. Y. Ladies' slips. 354,798; Feb. 22; Serial No. 398,504; published Dec. 14, 1937. Class 39.

Swan Luxuries Co. (See Koenig, Harry D.)

Syracuse Smelting Works, Brooklyn, to Syracuse Smelting Works, New York, N. Y. Babbitt metal. 122,114; renewed June 25, 1938.

Thomson, S. H., Mfg. Company, The, Dayton, Ohio. Electric spot lights for vehicles. 354,819; Feb. 22; Serial No. 398,694; published Dec. 14, 1937. Class 21.

Transparent Package Company, Chicago, Ill. Sausage casings and containers for meat food products. 354,684; Feb. 22; Serial No. 356,129; published Oct. 30, 1934. Class 2.

Treesweet Products Co., Los Angeles, Calif. Fresh citrus fruits, and canned citrus fruit juices. 354,723; Feb. 22; Serial No. 396,619; published Dec. 14, 1937. Class 46.

Universal Children's Dress Co. (See Wieder, Samuel.)

Utility Fan & Manufacturing Company, Los Angeles, Calif. Ventilating, cooling, and air conditioning unit. 354,713; Feb. 22; Serial No. 395,775; published Dec. 14, 1937. Class 34.

Veritas Firing System Company. (See Forester, Herbert.)

Von Dellen, A. W., doing business as Anodex Laboratories, Atlantic City, N. J. Preparation for treating Vincent's infection, sterilizing the mouth and oral diseases. 354,756; Feb. 22; Serial No. 397,886; published Dec. 7, 1937. Class 6.

Wannemaker, John, Philadelphia, Philadelphia, Pa. Slacks, sweat shirts, and sweaters. 354,755; Feb. 22; Serial No. 397,919; published Dec. 14, 1937. Class 39.

Washington Dental Products Co. (See Nelson, Charles O.)

Waugh, William C., doing business as Cape Cod Cooks, Middleboro, Mass. Clam chowder. 354,715; Feb. 22; Serial No. 396,017; published Dec. 14, 1937. Class 46.

Weimbrenner, Albert H., Co., Milwaukee, Wis. Shoes. 121,840; renewed May 28, 1938.

White Cross Chemical Company, Lynn, to Gus A. Liljegren, doing business as White Cross Chemical Co., Lunenburg, Mass., successor. Insecticide and deodorizer. 119,154; renewed Oct. 23, 1937.

Wieder, Samuel, doing business as Universal Children's Dress Co., New York, N. Y. Girls' dresses. 354,826; Feb. 22; Serial No. 398,786; published Dec. 14, 1937. Class 39.

Wilson, John M., doing business as Eureka Feed Mills, Meridian, Miss. Horse and mule feed, and laying mash. 354,700; Feb. 22; Serial No. 398,512; published Dec. 14, 1937. Class 46.

Wright's Underwear Co. Inc., New York, N. Y. Underwear, pajamas, sweaters, etc. 354,773; Feb. 22; Serial No. 398,184; published Dec. 14, 1937. Class 39.

LIST OF REGISTRANTS OF LABELS

Aldrich of Hollywood, Hollywood, Calif. La Dofia Lotion. For Skin Lotion. 50,735; Feb. 22.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Coffee. For Coffee. 50,736; Feb. 22.

Bird & Son, Inc., East Walpole, Mass. Pari Style. For Cartons. 50,737; Feb. 22.

Celanese Corporation of America, New York, N. Y. Tailored Glass Curtains, in Chiffonese a Celanese Rayon Product. For Curtains. 50,738; Feb. 22.

Clayton, A. C., Printing Co., St. Louis, Mo. Fine Footwear. For Footwear. 50,739–40; Feb. 22.

Crystal Chemical Co., Inc., Rutland, Vt. Cremco Bleach the Wash-Day Cleaning and Bleaching Preparation. For a Bleaching and Cleaning Preparation. 50,741; Feb. 22.

De Lishus Foods Corporation, Long Island City, N. Y. "It's the Nuts" De Lishus Tops for All Cakes and Desserts—"If It's De Lishus It's Delicious!" For Topping and Filling for Cakes, Desserts, Foods and Food Dishes. 50,742; Feb. 22.

Famous Products Company. (See Neumann, Morton G.)

General Baking Company, New York, N. Y. Bond—Guaranteed Fresh. For Bread. 50,743; Feb. 22.

Hart Drug Corporation, Miami, Fla. Codural. For Unguentum. 50,744; Feb. 22.

Hart Drug Corporation, Miami, Fla. Allanturea. For Unguentum. 50,745; Feb. 22.

National Knitted Outerwear Association, New York, N. Y. This Garment is not Returnable after Use. For Bathing Suits. 50,746; Feb. 22.

National Knitted Outerwear Association, New York, N. Y. This Garment is not Returnable after Use—Latex. For Bathing Suits. 50,747; Feb. 22.

National Knitted Outerwear Association, New York, N. Y. This Garment is not Returnable after Use—Dressmaker Beachwear. For Bathing Suits. 50,748; Feb. 22.

Neumann, Morton G., doing business as Famous Products Company, Chicago, Ill. Lucky Brown Pink Rolling Massage Cream. For a Massage Cream. 50,749; Feb. 22.

Neumann, Morton G., doing business as Famous Products Company, Chicago, Ill. Lucky Brown Tooth Powder. For Tooth Powder. 50,750; Feb. 22.

Neumann, Morton G., doing business as Famous Products Company, Chicago, Ill. Lucky Brown Talcum Powder. For Talcum Powder. 50,751; Feb. 22.

Neumann, Morton G., doing business as Valmor Products Company, Chicago, Ill. Brown Skin Beauty Lemon Vanishing Cream. For Vanishing Cream. 50,752; Feb. 22.

Roach, Hal, Studios, Inc., Culver City, Calif. Our Gang—Junior Stationery. For Stationery. 50,753; Feb. 22.

Schreiber Brewing Company, Inc., Buffalo, N. Y. Schreiber's Old Stock Ale. For Ale. 50,754; Feb. 22.

Standard Beverage Co., Inc., Miami, Fla. Medallion. For California Burgundy Wine. 50,755; Feb. 22.

Valmor Products Company. (See Neumann, Morton G.)

CLASSIFIED LIST OF TRADE-MARKS REGISTERED

CLASS 1

Coal. Black Diamond Coal Mining Company. 354,660–1; Feb. 22.

Coals, Bituminous. Eastern Coal Corporation. 354,788; Feb. 22; Serial No. 398,393; published Dec. 14, 1937.

Skins and pelts, Fur. S. Schneiderman & Sons. 354,869; Feb. 22.

CLASS 2

Casings and containers for meat food products, Sausage. Transparent Package Company. 354,684; Feb. 22; Serial No. 356,129; published Oct. 30, 1934.

Trays, troughs, receptacles, etc. K-Nine Diner Corporation. 354,743; Feb. 22; Serial No. 397,445; published Dec. 14, 1937.

CLASS 3

Handbags, Ladies'. Sol Mutterperl, Inc. 354,718; Feb. 22; Serial No. 396,367; published Dec. 14, 1937.

CLASS 6

Acetone, rubbing alcohol, alkaline tablets, etc. R. H. Macy & Co. 354,737; Feb. 22; Serial No. 397,258; published Dec. 7, 1937.

Battery compound. C. E. Marcelle. 354,709; Feb. 22; Serial No. 396,534; published Dec. 7, 1937.

Calcium phosphorus vitamine preparation. Modern Health Products, Inc. 354,816; Feb. 22; Serial No. 398,631; published Dec. 7, 1937.

Chemical compound. Calgon Incorporated. 354,767; Feb. 22; Serial No. 398,086; published Dec. 7, 1937.

Chemical preparation. Dr. Madaus & Co. 354,698; Feb. 22; Serial No. 391,130; published Dec. 7, 1937.

Cleanser, Liquid tooth and mouth. Diefenbach Laboratories Inc. 354,855; Feb. 22.

Colloidal Manganese sodium cacodylate preparation. Drug Products Co. 354,766; Feb. 22; Serial No. 398,099; published Nov. 16, 1937.

Composition of carbonaceous material and energizer for the carburizing of steel. R. P. Houghton & Co. 354,811; Feb. 22; Serial No. 396,621; published Dec. 7, 1937.

Cosmetic application. de Roos-Sternheim Company. 354,757; Feb. 22; Serial No. 397,900; published Nov. 30, 1937.

Cream, Protective skin. Dermo Co. 354,722; Feb. 22; Serial No. 396,600; published Nov. 30, 1937.

Creams, lotions, perfumes, etc., Toilet. Hinds, Inc. 354,724; Feb. 22; Serial No. 397,189; published Nov. 30, 1937.

Dental preparation. C. O. Nelson. 354,751; Feb. 22; Serial No. 397,719; published Nov. 30, 1937.

Deodorants and perspiration retarding preparations. E. N. Baum. 354,745; Feb. 22; Serial No. 397,567; published Dec. 7, 1937.

Deodorants, contraceptives, and toilet preparations. H. D. Koenig. 354,719; Feb. 22; Serial No. 396,407; published Dec. 7, 1937.

Depilatory. Marinello Corporation. 354,710; Feb. 22; Serial No. 396,583; published Nov. 30, 1937.

Disinfectant and antiseptic. Lingner-Werke Vertrieb, G. m. b. H. 354,797; Feb. 22; Serial No. 398,476; published Dec. 7, 1937.

Eyewash. B. Gruenberg. 354,763; Feb. 22; Serial No. 398,007; published Nov. 30, 1937.

Fluid adapted for use in stencilling. A. B. Dick Company. 354,907; Feb. 23; Serial No. 398,507; published Dec. 7, 1937.

Fluid, Adhesive tape remover. W. Radoff. 354,764; Feb. 22; Serial No. 398,016; published Nov. 30, 1937.

Food in tablet form, Specially prepared concentrated. Nestle's Milk Products, Inc. 354,714; Feb. 22; Serial No. 395,764; published Dec. 7, 1937.

Hypochlorites. Buffalo Electro-Chemical Company. 354,762; Feb. 22; Serial No. 397,962; published Nov. 30, 1937.

Insecticide. Nicotine Mfg. Co. 120,279; renewed Jan. 20, 1938.

Insecticide and deodorizer. White Cross Chemical Company. 119,154; renewed Oct. 23, 1938.

Insecticide barriers. California Spray-Chemical Corporation. 354,724; Feb. 22; Serial No. 396,667; published Dec. 7, 1937.

Insecticides. Arkcide Laboratories. 354,813; Feb. 22; Serial No. 398,598; published Dec. 7, 1937.

Insecticides. Arkcide Laboratories. 354,813; Feb. 22; Serial No. 398,600; published Dec. 7, 1937.

Laxative. Otis Clapp & Son, Inc. 354,771; Feb. 22; Serial No. 398,147; published Nov. 30, 1937.

Laxative tablet. Otis Clapp & Son, Inc. 354,772; Feb. 22; Serial No. 398,148; published Nov. 30, 1937.

Lotion for the skin and scalp. S. L. Q. Company. 354,712; Feb. 22; Serial No. 396,520; published Nov. 30, 1937.

Lotion, skin bleaching lotion, permanent wave oil, etc., Skin toning. F. F. Leitner. 354,720; Feb. 22; Serial No. 396,821; published Dec. 7, 1937.

Medicated tablet. Moseley & James, Limited. 354,732; Feb. 22; Serial No. 397,078; published Nov. 30, 1937.

Medicinal compound. Harrower Laboratory, Inc. 354,774; Feb. 22; Serial No. 396,199; published Nov. 30, 1937.

Medicinal compound. Harrower Laboratory, Inc. 354,775; Feb. 22; Serial No. 396,201; published Nov. 30, 1937.

Medicinal preparation. Dealbel Company. 354,737; Feb. 22; Serial No. 396,392; published Dec. 7, 1937.

Medicinal preparation. Harrower Laboratory, Inc. 354,776–7; Feb. 22; Serial Nos. 396,202–3; published Nov. 30, 1937.

Oil, Facial. Cosmeds, Inc. 354,741; Feb. 22; Serial No. 397,356; published Nov. 30, 1937.

Pastille. Brewer & Company. 354,761; Feb. 22; Serial No. 397,961; published Nov. 30, 1937.

Perfumes, Jadwigh Remedies, Inc. 354,781; Feb. 22; Serial No. 398,316; published Nov. 30, 1937.

Perfumes. Petrin Co. 354,753; Feb. 22; Serial No. 397,864; published Nov. 30, 1937.

Perfumes, toilet waters, face-creams, etc. Faxon & Gallagher Drug Co. 116,660; renewed Apr. 2, 1937.

Powder, mouth wash, deodorant foot powder, etc., Foot. M. Scholler. 354,697; Feb. 22; Serial No. 391,093; published Dec. 7, 1937.

Preparation for treating Vincent's infection, sterilizing the mouth, and oral diseases. A. W. von Dellen. 354,756; Feb. 22; Serial No. 397,886; published Dec. 7, 1937.

Preparation recommended for growing hair and cleansing the scalp. W. Ditalia. 354,739; Feb. 22; Serial No. 397,319; published Nov. 30, 1937.

Preparation to be added to the drinking water of poultry as a germicide, Liquid. A. & M. Products Co. 354,765; Feb. 22; Serial No. 398,027; published Dec. 7, 1937.

Preparation used in the relief of pain. Aspodyne, Incorporated. 354,783; Feb. 22; Serial No. 398,243; published Nov. 30, 1937.

Preparations for protecting and conditioning the skin. E. R. Squibb & Sons. 354,782; Feb. 22; Serial No. 398,328; published Nov. 30, 1937.

Preparations for treating certain named diseases. Boericke & Tafel, Inc. 121,558; renewed June 11, 1938.

Toilet preparations. W. B. Coates, Jr. 120,072; renewed Jan. 8, 1938.

Toilet water. Pinaud Incorporated. 354,742; Feb. 22; Serial No. 397,420; published Nov. 30, 1937.

CLASS 7

Rope, Wire. Drake Supply Co. 354,699; Feb. 22; Serial No. 392,918; published Dec. 14, 1937.

CLASS 8

Ash trays, and receptacles, smoking stands, etc. McDonald Products Corporation. 354,700; Feb. 22; Serial No. 393,225; published Dec. 14, 1937.

CLASS 11

Fluid, Writing. Addressograph-Multigraph Corporation. 354,844; Feb. 22; Serial No. 399,544; published Dec. 14, 1937.

CLASS 12

Mastic for use as a surfacing material, etc. H. B. Heeren. 354,748; Feb. 22; Serial No. 397,662; published Dec. 14, 1937.

Panels, veneers, plywood boards and panels, etc., Structural. J. J. Stern. 354,744; Feb. 22; Serial No. 397,488; published Dec. 7, 1937.

Partitions, doors, wood molding, etc. Driwood Corporation. 354,795; Feb. 22; Serial No. 398,452; published Dec. 14, 1937.

Porch enclosures and prefabricated building structures. E. C. Andrews Company. 354,820; Feb. 22; Serial No. 398,697; published Dec. 14, 1937.

Roofing materials, Composition asphalt. Flintkote Company. 354,680; Feb. 22; Serial No. 386,075; published Dec. 7, 1937.

Screens, Window. Porter Screen Company. 354,817; Feb. 22; Serial No. 398,636; published Dec. 14, 1937.

Wall surfacing, sound absorbing, and decorative materials, Structural. Celotex Corporation. 354,707; Feb. 22; Serial No. 395,377; published Dec. 14, 1937.

CLASS 13

Chains and key rings, Key. Champion Laboratories Inc. 354,740; Feb. 22; Serial No. 397,326; published Dec. 14, 1937.

Fastener assemblies, Slide. Ideal Fastener Corporation. 354,696; Feb. 22; Serial No. 390,213; published Dec. 14, 1937.

Fountains and parts thereof for human beings. Pure Sanitary Drinking Fountain Co. 120,218; renewed Mar. 19, 1938.

Hardware and plumbing and steam-fitting supplies. National Supply Company. 120,992; renewed Mar. 19, 1938.

Hollow ware, Enameled steel cooking. National Enameling and Stamping Company. 354,846–7; Feb. 22.

House numbers and letters and lawn sprinklers. Chisholm-Ryder Co. 354,803; Feb. 22; Serial No. 398,554; published Dec. 14, 1937.

CLASS 14

Metal, Babbitt. Syracuse Smelting Works. 122,114; renewed June 25, 1938.

Metals and metal castings and forgings. National Supply Company. 121,642; renewed May 14, 1938.

CLASS 15

Grease, Lubricating. Brooks Oil Company. 354,691; Feb. 22; Serial No. 386,400; published Dec. 7, 1937.

Oils, Lubricating. L. M. Goldman. 354,784; Feb. 22; Serial No. 396,253; published Dec. 14, 1937.

Grease, Lubrication. Southwest Grease & Oil Company. 354,769; Feb. 22; Serial No. 398,131; published Dec. 7, 1937.

Oils. Central Scientific Company. 354,683; Feb. 22; Serial No. 386,605; published July 13, 1937.

Oils and greases, Lubricating. Hall Hardware Company. 354,842; Feb. 22; Serial No. 399,354; published Dec. 14, 1937.

Oils and greases, Lubricating. L. R. Kerns Co. 354,856; Feb. 22.

CLASS 16

Paints and painters' materials. Felton, Sibley & Co. 119,857; renewed Dec. 18, 1937.

CLASS 17

Cigars. Garcia Grande Cigars, Incorporated. 354,780; Feb. 22; Serial No. 398,312; published Dec. 14, 1937.

CLASS 19

Casters, Truck. Divine Brothers Company. 354,704; Feb. 22; Serial No. 394,404; published Dec. 14, 1937.

Wipers and parts thereof, Windshield. Anderson Company. 354,851–2; Feb. 22.

CLASS 21

Apparatus for rectifying alternating current. General Electric Company. 120,737; renewed Mar. 5, 1938.

Communication equipment, Sound Products. 354,705; Feb. 22; Serial No. 394,650; published Dec. 14, 1937.

Lights for vehicles, Electric spot. S. H. Thomson Mfg. Company. 354,819; Feb. 22; Serial No. 398,694; published Dec. 14, 1937.

Radio or the like, Office intercommunicating telephone. Radio Laboratories, Inc. 354,716; Feb. 22; Serial No. 396,043; published Dec. 14, 1937.

Radio tubes. M. M. Bitetsky. 354,729; Feb. 22; Serial No. 397,700; published Dec. 14, 1937.

Signals, signal controllers, sign flashers, etc., Traffic. Eagle Signal Corporation. 354,733; Feb. 22; Serial No. 397,110; published Dec. 14, 1937.

CLASS 22

Airplane amusement devices. Eyerly Aircraft Corp. 354,800; Feb. 22; Serial No. 398,531; published Dec. 14, 1937.

Amusement apparatus. Exhibit Supply Company. 354,843; Feb. 22; Serial No. 399,404; published Dec. 14, 1937.

Bowling alley. C. L. Harry. 354,785; Feb. 22; Serial No. 396,354; published Dec. 14, 1937.

Fishing bait, Artificial. J. M. Herbert. 354,808; Feb. 22; Serial No. 398,573; published Dec. 14, 1937.

Fishing spoons and lures. D. W. Rose. 354,778; Feb. 22; Serial No. 396,261; published Dec. 14, 1937.

Marbles. Berry Pink, Inc. 354,801; Feb. 22; Serial No. 396,546; published Dec. 14, 1937.

CLASS 23

Bearings for machinery. General Electric Company. 120,381; renewed Feb. 5, 1938.

Cutlery, Machinery, and tools and parts thereof. National Supply Company. 121,320; renewed Apr. 23, 1938.

Hammer-drills, Air-feed. Ingersoll-Rand Company. 354,727; Feb. 22; Serial No. 396,719; published Dec. 14, 1937.

Machinery and tools. Kite Mold Company. 354,853; Feb. 22.

Piston expanders. C. F. Johnston. 354,849–50; Feb. 22.

Shavers, Electric dry. Electric Razor Corporation. 354,747; Feb. 22; Serial No. 397,649; published Dec. 14, 1937.

Tractors and parts thereof, Farm. Massey-Harris Company. 354,810; Feb. 22; Serial No. 398,582; published Dec. 14, 1937.

Wrench socket kits. Indestro Manufacturing Corp. 354,809; Feb. 22; Serial No. 398,579; published Dec. 14, 1937.

Wrenches. Billings & Spencer Company. 354,818; Feb. 22; Serial No. 398,660; published Dec. 14, 1937.

CLASS 24

Cleaning machines, Dry. Metal Glass Products Company. 354,711; Feb. 22; Serial No. 395,586; published Dec. 14, 1937.

Laundry washing machines. Gamble Stores Incorporated. 354,662; Feb. 22.

CLASS 26

Cameras and parts thereof, still and motion picture projectors, etc., Photographic. International Filmbook Corporation. 354,687; Feb. 22; Serial No. 385,099; published May 4, 1937.

Envelopes or files for negative photographic film and the like. Minican Company. 354,759; Feb. 22; Serial No. 397,949; published Dec. 14, 1937.

Instruments for exhaust gas analysis. C. V. Elliott. 354,814; Feb. 22; Serial No. 398,615; published Dec. 14, 1937.

Measuring and scientific apparatus. H. Forester. 119,888; renewed Dec. 18, 1937.

CLASS 29

Tooth brushes. Pro-phy-lac-tic Brush Company. 354,839; Feb. 22; Serial No. 399,108; published Dec. 14, 1937.

CLASS 32

Cabinets and kitchen cabinet units, Kitchen. St. Charles Manufacturing Co. 354,696; Feb. 22; Serial No. 390,686; published Dec. 14, 1937.

Seats, seat backs, beds and the like, Spring. No-Sag Spring Company. 354,857; Feb. 22.

CLASS 34

Burners, Oil. Sherwood Brothers Incorporated. 354,779; Feb. 22; Serial No. 398,263; published Dec. 14, 1937.

Ventilating, cooling, and air conditioning unit. Utility Fan & Manufacturing Company. 354,713; Feb. 22; Serial No. 395,775; published Dec. 14, 1937.

CLASS 35

Rings and gland rings, Sealing. Morgan Crucible Company, Limited. 354,725–6; Feb. 22; Serial Nos. 394,089–90; published Dec. 14, 1937.

Rings, Jar sealing. Crown Cork & Seal Company. 354,731; Feb. 22; Serial No. 396,868; published Dec. 14, 1937.

CLASS 36

Accordions and concertinas. L. Sorkin. 354,706; Feb. 22; Serial No. 396,159; published Dec. 14, 1937.

Cornets, trumpets, fluegelhorns, etc. C. G. Conn, Ltd. 354,804–5; Feb. 22; Serial Nos. 398,560–1; published Dec. 14, 1937.

Wood wind and metal wind instruments. Wm. R. Gratz Import Co. 354,752; Feb. 22; Serial No. 397,847; published Dec. 14, 1937.

CLASS 37

Blotters and separators, Interleaving. A. B. Dick Company. 354,822; Feb. 22; Serial No. 398,700; published Dec. 14, 1937.

Paper, Pojpecot Paper Company. 354,760; Feb. 22; Serial No. 397,950; published Dec. 14, 1937.

Pencils, Wood-cased lead. Blaisdell Pencil Company. 354,726; Feb. 22; Serial No. 396,501; published Dec. 14, 1937.

Sheets used in preparation of stencils, Cushion. A. B. Dick Company. 354,793; Feb. 22; Serial No. 396,424; published Dec. 14, 1937.

CLASS 38

Books, Series of. Random House, Inc. 354,754; Feb. 22; Serial No. 397,870; published Dec. 14, 1937.

Column published in its daily newspaper. Hearst Publications, Incorporated. 354,770; Feb. 22; Serial No. 398,130; published Dec. 14, 1937.

Magazines and periodicals. Congratulations, Inc. 354,708; Feb. 22; Serial No. 396,500; published Dec. 14, 1937.

Periodical. Public Relations, Inc. 354,738; Feb. 22; Serial No. 397,267; published Dec. 14, 1937.

Prints and reproduction of paintings. Continental Lithograph Corporation. 354,702; Feb. 22.

Prints, lithographs, posters, etc. Continental Lithograph Corporation. 354,703; Feb. 22; Serial No. 394,128; published Dec. 14, 1937.

Publication relating to periodicals and their advertising rates, Annual. B & B Service Corporation. 354,749; Feb. 22; Serial No. 397,699; published Dec. 14, 1937.

Publication, Serial. Automobile Mutual Insurance Company of America. 354,683; Feb. 22; Serial No. 333,213; published Dec. 14, 1937.

CLASS 39

Boots and shoes. Converse Rubber Shoe Co. 121,760; renewed May 28, 1938.

Coats and suits, Women's. Ornstein, Levy & Israelson. 354,835; Feb. 22; Serial No. 396,929; published Dec. 14, 1937.

Coats, suits, dresses, etc., Women's and misses'. Carleton Sportswear, Inc. 354,827; Feb. 22; Serial No. 398,803; published Dec. 14, 1937.

Dresses. Cosmo Dress, Inc. 354,832; Feb. 22; Serial No. 398,839; published Dec. 14, 1937.

Dresses, Girls'. S. Wieder. 354,826; Feb. 22; Serial No. 398,798; published Dec. 14, 1937.

Dresses, smocks, and housecoats. Rhea Manufacturing Company. 354,721; Feb. 22; Serial No. 396,578; published Dec. 14, 1937.

Shirts and pajamas, Dress, negligee, and work. Louis Bastind & Co. 354,766; Feb. 22; Serial No. 398,081; published Dec. 14, 1937.

Shirts, Men's dress. L. Miller. 354,815; Feb. 22; Serial No. 398,629; published Dec. 14, 1937.

Shoes. Albert H. Weinbrenner Co. 121,840; renewed May 28, 1938.

Slacks, sweat shirts, and sweaters. John Wanamaker Philadelphia. 354,758; Feb. 22; Serial No. 397,919; published Dec. 14, 1937.

Slips, Ladies'. Superior Petticoat Company. 354,798; Feb. 22; Serial No. 398,504; published Dec. 14, 1937.

Suits, Children's wash. Strouse-Baer Company. 354,802; Feb. 22; Serial No. 398,549; published Dec. 14, 1937.

Suits, overcoats, raincoats, etc. B. Gertz, Inc. 354,736; Feb. 22; Serial No. 397,248; published Dec. 14, 1937.

Underwear, pajamas, sleeping garments, etc. Wright's Underwear Co. Inc. 354,775; Feb. 22; Serial No. 398,184; published Dec. 14, 1937.

CLASS 40

Pins, snap fasteners, hooks and eyes, etc. William Prym of America, Inc. 354,845; Feb. 22; Serial No. 376,442; published July 7, 1936.

CLASS 42

Cloths and stuffs. Burberrys Limited. 354,796; Feb. 22; Serial No. 398,467; published Dec. 14, 1937.

Fabrics, Textile. National Fabrics Corporation. 354,834; Feb. 22; Serial No. 398,923; published Dec. 14, 1937.

Hair-nets. N. B. Cohen. 120,479; renewed Feb. 12, 1938.

Piece goods. Arthur Beir & Co. Inc. 354,837; Feb. 22; Serial No. 399,029; published Dec. 14, 1937.

Piece goods. Celanese Corporation of America. 354,828–9; Feb. 22; Serial Nos. 398,804–5; published Dec. 14, 1937.

Piece goods. Celanese Corporation of America. 354,830; Feb. 22; Serial No. 398,807; published Dec. 14, 1937.

Rugs, carpets, and floor coverings. Geo. R. Mallinson Importing Co. 354,831; Feb. 22; Serial No. 398,817; published Dec. 14, 1937.

CLASS 44

Sealing composition used for relining upper false teeth dentures. Permatex Company. 354,790; Feb. 22; Serial No. 398,406; published Dec. 14, 1937.

Shoes, Corrective. W. O. Minor. 354,693; Feb. 22; Serial No. 390,006; published Dec. 14, 1937.

CLASS 45

Beverage, Nonalcoholic. L. O. Schmaeberger. 354,840; Feb. 22; Serial No. 399,154; published Dec. 14, 1937.

CLASS 46

Baking powder. Standard Brands Incorporated. 354,735; Feb. 22; Serial No. 397,223; published Dec. 14, 1937.

Cake. F. Lebell. 354,729; Feb. 22; Serial No. 396,860; published Dec. 14, 1937.

Cakes and doughnuts. Great Atlantic & Pacific Tea Company. 354,854; Feb. 22.

Canned and fresh citrus fruits and canned fruit juices. Dr. P. Phillips Company. 354,720; Feb. 22; Serial No. 396,575; published Dec. 14, 1937.

Canned asparagus. Rochelle Asparagus Company. 354,858; Feb. 22.

Canned dog food. Ready Foods Company. 354,755; Feb. 22; Serial No. 397,871; published Dec. 14, 1937.

Canned fruits and vegetables. Hollister Canning Company. 354,848; Feb. 22.

Canned fruits and vegetables, chili sauce, etc. Snider Packing Corporation. 354,686; Feb. 22; Serial No. 372,863; published Apr. 14, 1936.

Canned shellfish. Compania de Productos Marinos, S. A. 354,746; Feb. 22; Serial No. 397,612; published Dec. 14, 1937.

Chop suey sauce, canned bean sprouts, canned chow mein noodles, etc. Fuji Trading Company. 354,702; Feb. 22; Serial No. 393,961; published Dec. 14, 1937.

Clam chowder. W. C. Waugh. 354,715; Feb. 22; Serial No. 396,017; published Dec. 14, 1937.

Coffee. American Coffee Company of New Orleans, Ltd. 119,626; renewed Dec. 11, 1937.

Coffee. Character Sales Corporation. 354,838; Feb. 22; Serial No. 399,034; published Dec. 14, 1937.

Crackers or biscuits. Star Biscuits of America, Inc. 354,685; Feb. 22; Serial No. 359,376; published Nov. 19, 1935.

Dough improver. Standard Brands Incorporated. 354,825; Feb. 22; Serial No. 398,794; published Dec. 14, 1937.

Feed, and laying mash, Horse and mule. J. M. Wilson. 354,799; Feb. 22; Serial No. 398,512; published Dec. 14, 1937.

Flour, Wheat. Pillsbury Flour Mills Company. 354,822–4; Feb. 22; Serial Nos. 398,789–90; published Dec. 14, 1937.

Fruits and canned citrus fruit juices, Fresh citrus. Treesweet Products Co. 354,723; Feb. 22; Serial No. 396,619; published Dec. 14, 1937.

Fruits and fresh vegetables, Fresh citrus. Mission Fruit & Vegetable Co. 354,769; Feb. 22; Serial No. 398,401; published Dec. 14, 1937.

Nut spread. E. F. Kemp Inc. 354,701; Feb. 22; Serial No. 393,654; published Aug. 3, 1937.

Seasoning compounds. Artaba Foods, Limited. 354,690; Feb. 22; Serial No. 396,295; published Dec. 14, 1937.

Sugar. American Sugar Refining Company. 354,794; Feb. 22; Serial No. 398,448; published Dec. 14, 1937.

Tea, flavoring extracts for foods, vinegar, etc. F. H. Royston & Company. 120,635; renewed Feb. 19, 1938.

CLASS 47

Cocktails. Alex D. Shaw & Co. 121,213; renewed Apr. 16, 1938.

Wines. Scatena Bros. Wine Co. 354,791; Feb. 22; Serial No. 398,410; published Dec. 14, 1937.

CLASS 48

Beer. Diamond State Brewery, Inc. 354,692; Feb. 22; Serial No. 387,780; published Dec. 14, 1937.

Beer. Kamm & Schellinger Company. 354,841; Feb. 22; Serial No. 399,303; published Dec. 14, 1937.

CLASS 49

Whiskey. London & Co. 354,694; Feb. 22; Serial No. 390,076; published Apr. 27, 1937.

Whiskey. Milestone Distilling Company Incorporated. 354,833; Feb. 22; Serial No. 398,918; published Dec. 14, 1937.

Whiskey. Milestone Distilling Company Incorporated. 354,836; Feb. 22; Serial No. 399,003; published Dec. 14, 1937.

Whiskey. J. Spatola, Sr. 354,786; Feb. 22; Serial No. 398,374; published Dec. 14, 1937.

CLASS 50

Covers for duplicating machines, Flexible. A. B. Dick Company. 354,806; Feb. 22; Serial No. 398,566; published Dec. 14, 1937.

Plates for making stencils. A. B. Dick Company. 354,821; Feb. 22; Serial No. 398,714; published Dec. 14, 1937.

Signs and boards and portable rotary wheels containing indicia, Display. T. M. Ellis, Jr. 354,717; Feb. 22; Serial No. 396,187; published Dec. 14, 1937.

LIST OF LABELS

Allantures. For Unguentum. Hart Drug Corporation. 50,745; Feb. 22.

Beech-Nut Coffee. For Coffee. Beech-Nut Packing Company. 50,736; Feb. 22.

Bond—Guaranteed Fresh. For Bread. General Baking Company. 50,743; Feb. 22.

Brown Skin Beauty Lemon Vanishing Cream. For Vanishing Cream. M. G. Neumann. 50,752; Feb. 22.

Codural. For Unguentum. Hart Drug Corporation. 50,744; Feb. 22.

Cremco Bleach the Wash-Day Cleaning and Bleaching Preparation. For a Bleaching and Cleaning Preparation. Crystal Chemical Co. 50,741; Feb. 22.

Fine Footwear. For Footwear. A. C. Clayton Printing Co. 50,739–40; Feb. 22.

"It's the Nuts" De Lishus Tops for All Cakes and Desserts—"If it's De Lishus it's Delicious!" For Topping and Filling for Cakes, Desserts, Foods and Food Dishes. De Lishus Foods Corporation. 50,742; Feb. 22.

La Doña Lotion. For Skin Lotion. Aldrich of Hollywood. 50,735; Feb. 22.

Lucky Brown Pink Rolling Massage Cream. For a Massage Cream. M. G. Neumann. 50,749; Feb. 22.

Lucky Brown Tooth Powder. For Tooth Powder. M. G. Neumann. 50,750; Feb. 22.

Lucky Brown Talcum Powder. For Tooth Powder. M. G. Neumann. 50,751; Feb. 22.

Medallion. For California Burgundy Wine. Standard Beverage Co. 50,755; Feb. 22.

Our Gang—Junior Stationery. For Stationery. Hal Roach Studios, Inc. 50,753; Feb. 22.

Parl Style. For Cartons. Bird & Son, Inc. 50,737; Feb. 22.

Schreiber's Old Stock Ale. For Ale. Schreiber Brewing Company. 50,754; Feb. 22.

Tailored Glass Curtains, in Chiffonese a Celanese Rayon Product. For Curtains. Celanese Corporation of America. 50,738; Feb. 22.

This Garment is not Returnable after Use. For Bathing Suits. National Knitted Outerwear Association. 50,746; Feb. 22.

This Garment is not Returnable after Use—Lastex. For Bathing Suits. National Knitted Outerwear Association. 50,747; Feb. 22.

This Garment is not Returnable after Use—Dressmaker Beachwear. For Bathing Suits. National Knitted Outerwear Association. 50,748; Feb. 22.

LIST OF REISSUE PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 22D DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Behr-Manning Corporation. (See Schacht, Elmer C., assignor.)

Floyd-Wells Company, The. (See Schneider, Frank H., assignor.)

Geyer, Bertram B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. Re. 20,656; Feb. 22.

General Motors Corporation. (See Geyer, Bertram B., assignor.)

Glover, John, Chicago, Ill., assignor, by mesne assignments, to Midway Chemical Co., Jersey City, N. J. Floor polishing device. Re. 20,657; Feb. 22.

Knight, Claude M., Cleveland, Ohio. Automatic control system for electric motors. Re. 20,658; Feb. 22.

Midway Chemical Co. (See Glover, John, assignor.)

Motor Wheel Corporation. (See Schmidt, Frank W., assignor.)

Riggs, Amelia D., Cockeysville, Md. Vehicle direction indicator. Re. 20,659; Feb. 22.

Schacht, Elmer C., Troy, N. Y., assignor, by mesne assignments, to Behr-Manning Corporation. Method of coating and apparatus therefor and product. Re. 20,660; Feb. 22.

Schmidt, Frank W., Jackson, assignor to Motor Wheel Corporation, Lansing, Mich. Composite brake drum. Re. 20,661; Feb. 22.

Schneider, Frank H., assignor to The Floyd-Wells Company, Royersford, Pa. Gas burner. Re. 20,662; Feb. 22.

LIST OF DESIGN PATENTEES

Air-O-Lite Corporation. (See Shinner, Ernest G., assignor.)

Allen, Grosvenor N., and L. R. Rassegger, Oneida, and M. P. Fleming, Niagara Falls, assignors to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 108,532; Feb. 22.

American Optical Company. (See Spiaine, Edward M., assignor.)

Appleby, George F. (See Boyce, A. O., and Appleby.)

Autoyre Company, The. (See Sanford, Roy S., assignor.)

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or the like. 108,533; Feb. 22.

Barbieri, Nicholas, Providence, R. I., assignor to Uncas Manufacturing Company. Brooch or the like. 108,534; Feb. 22.

Bell, Elmer, assignor to Bryce Brothers Company, Mount Pleasant, Pa. Stemmed goblet or similar article. 108,557; Feb. 22.

Bergen, George W., West Belmar, and R. B. Dabney, Manasquan, N. J. Combined drink stirrer and pick. 108,558; Feb. 22.

Bernhardt, Rudolph, Chicago, Ill. Sprayer pump. 108,559; Feb. 22.

Blackstone Manufacturing Company. (See Conterman, Fred A., assignor.)

Boyce, Alfred O., and G. F. Appleby, St. Paul, Minn. Refrigerator. 108,559; Feb. 22.

Broeren, Frank L., Neenah, and S. N. Hope, Wauwatosa, assignors to Marathon Paper Mills Company, Rothschild, Wis. Dispenser for paper napkins. 108,560; Feb. 22.

Broeren, Frank L., Neenah, B. T. Hoffmaster, Menasha, and A. S. Krueger, Green Bay, assignors to Marathon Paper Mills Company, Rothschild, Wis. Dispenser for interfolded sheets. 108,561; Feb. 22.

Bryce Brothers Company. (See Bell, Elmer, assignor.)

Burns, Frederick M. B., New York, N. Y. Dress. 108,604; Feb. 22.

Cella, Lorenzo, New York, N. Y., assignor to Roma Wine Company, Inc., Lodi, Calif. Jug. 108,561; Feb. 22.

Cheney, John F., West Palm Beach, Fla. Service station building or the like. 108,535; Feb. 22.

Christen, Rudolf, Buffalo, N. Y. Display stand for jewelry and similar article. 108,562; Feb. 22.

Ciccone, Elisabeth M., New York, N. Y. Redingote. 108,563; Feb. 22.

Ciccone, Elisabeth M., New York, N. Y. Redingote. 108,564; Feb. 22.

Coleman Lamp and Stove Company, The. (See Tullis, Boyd W., assignor.)

Conterman, Fred A., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Combined washing machine and wringer. 108,565; Feb. 22.

Conterman, Fred A., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Combined wringer and washing machine. 108,566; Feb. 22.

Courtney, William G., et al. (See Flohr, Herbert, assignor.)

Creutz, Otto, et al. (See Flohr, Herbert, assignor.)

Crosse and Blackwell Company. (See Kennedy, Walter L., assignor.)

Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp, smoking stand, and radio tuning unit. 108,567; Feb. 22.

Dabney, Robert B. (See Bergen, G. W., and Dabney.)

Dallas, Ronald H., Southgate, assignor to Glass Containers, Inc., Los Angeles, Calif. Glass jar. 108,592; Feb. 22.

Di Verdura, Fulco, assignor to P. B. Fiato, New York, N. Y. Brooch or similar article. 108,536; Feb. 22.

Di Verdura, Fulco, assignor to P. B. Fiato, New York, N. Y. Brooch or similar article. 108,537; Feb. 22.

Eagle Pencil Company. (See McNulty, Joseph, assignor.)

Engel, Alice, New York, N. Y. Dress ensemble. 108,568; Feb. 22.

Fiato, Paul E. (See Di Verdura, Fulco, assignor.)

Flander, Alfred J., Trumbull, Conn. Spoon or analogous article. 108,538; Feb. 22.

Fleming, Mary P. (See Allen, G. N., Rassegger, and Fleming.)

Flohr, Herbert, assignor of one-third to O. Creutz and one-third to W. G. Courtney, Cincinnati, Ohio. Combined ashtray and cigarette package opener. 108,539; Feb. 22.

Flower City Specialty Company. (See Nagle, Reginald A., assignor.)

Fortune, William P., New York, N. Y. Bonnet. 108,569; Feb. 22.

Fuerst, Edwin W., Toledo, Ohio, assignor to National Distillers Products Corporation, Richmond, Va. Bottle. 108,593; Feb. 22.

Garnett, Edward V. (See Garnett, Vacter G. and E. V.)

Garnett, Vacter G. and E. V., Denver, Colo. Automotive truck. 108,570; Feb. 22.

Glass Containers, Inc. (See Dallas, Ronald H., assignor.)

Godwin, Oscar O., West Palm Beach, Fla. House marker or the like. 108,571; Feb. 22.

Granat, Joseph, San Francisco, Calif. Finger ring. 108,540; Feb. 22.

Granat, Joseph, San Francisco, Calif. Wedding ring. 108,541; Feb. 22.

Hanley, John A., Noroton, Conn. Handle casing for electric clipper or the like. 108,542; Feb. 22.

Harm, William, Philadelphia, Pa. Textile fabric. 108,572; Feb. 22.

Hobé, William W., New York, N. Y. Brooch pin or similar article. 108,543; Feb. 22.

Hobé, William W., New York, N. Y. Brooch pin or similar article. 108,544; Feb. 22.

Hobé, William W., New York, N. Y. Bracelet or similar article. 108,545; Feb. 22.

Hoffmaster, Byron T. (See Broeren, F. L., Hoffmaster, and Krueger.)

Hope, Samuel N. (See Broeren, F. L., and Hope.)

Howell, Bernard C. (See Melvin, F. F., and Howell.)

Jaccarino, Richard, Tuckahoe, N. Y. Wrist watch bezel. 108,600; Feb. 22.

Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Sheet metal for making baking receptacles or similar articles. 108,573; Feb. 22.

Katzinger, Edward, Company, The. (See Jackson, Joseph G., assignor.)

Kennedy, Walter L., assignor to Crosse and Blackwell Company, Baltimore, Md. Jar. 108,594; Feb. 22.

Krueger, Archie S. (See Broeren, F. L., Hoffmaster, and Krueger.)

Kumauchi, James L., New York, N. Y. Combined book and newspaper holder. 108,595; Feb. 22.

Lazow, Morris, Brooklyn, N. Y. Combined frozen confection and handle. 108,546; Feb. 22.

Leishman, Le Roy J., Los Angeles, Calif. Escutcheon plate for a combined radio tuning dial and control panel or the like. 108,574; Feb. 22.

Lindenberger, Henry, Chicago, Ill., assignor to U. S. Reduction Co., East Chicago, Ind. Aluminum alloy ingot or the like. 108,575; Feb. 22.

MacQuarrie, Archibald E., Minneapolis, Minn. Bracket for a map or similar article. 106,596; Feb. 22.
Mandalian, Sahatiel G., North Attleboro, Mass. Shoe eyelet. 106,547; Feb. 22.
Marathon Paper Mills Company. (See Broeren, F. L., and Hope, assignors.)
Marathon Paper Mills Company. (See Broeren, F. L., Hoffmaster, and Krueger, assignors.)
McCallum & Robinson, Inc. (See Robinson, William W., assignor.)
McNulty, Joseph, Bergenfield, N. J., assignor to Eagle Pencil Company, New York, N. Y. Pencil tip. 106,548; Feb. 22.
Melvin, Francis F., and B. C. Howell, Elwood, Ind. Display cabinet. 106,597; Feb. 22.
Miller, Henry, New York, N. Y. Coat. 106,601; Feb. 22.
Milton, John K., Chicago, Ill. Smoking stand. 106,549; Feb. 22.
Morehead, Fred H., New Market, Va. Doll. 106,576; Feb. 22.
Morgan, Terrence R., Vancouver, Wash. Resort building. 106,550; Feb. 22.
Moreau, Charles A., Los Angeles, Calif. Lip brush or similar article. 106,577; Feb. 22.
Nagle, Reginald A., assignor to Flower City Specialty Company, Rochester, N. Y. Display box. 106,605; Feb. 22.
Nagle, Reginald A., assignor to Flower City Specialty Company, Rochester, N. Y. Display box. 106,606; Feb. 22.
National Distillers Products Corporation. (See Fuerst, Edwin W., assignor.)
Omsida, Ltd. (See Allen, G. N., Ressegger, and Fleming, assignors.)
Pellegrin, Elmer D., Woodstock, assignor to Geo. D. Roper Corporation, Rockford, Ill. Combined top, back splash panel, and lighting unit for ranges. 106,578; Feb. 22.
Perrone, Benjamin, Jackson Heights, Long Island, N. Y. Coat hanger. 106,579; Feb. 22.
Pilliod Cabinet Company, The. (See Pilliod, Thomas J., assignor.)
Pilliod, Thomas J., assignor to The Pilliod Cabinet Company, Swanton, Ohio. Article display case. 106,580; Feb. 22.
Raineas, Alice, New York, N. Y. Hat. 106,602; Feb. 22.
Ressegger, Lloyd E. (See Allen, G. N., Ressegger, and Fleming.)
Robinson, William W., assignor to McCallum & Robinson, Inc., Memphis, Tenn. Rug. 106,581; Feb. 22.
Roma Wine Company. (See Cella, Lorenzo, assignor.)
Roper, Geo. D., Corporation. (See Pellegrin, Elmer D., assignor.)
Rufeisen, Henry, Newark, N. J. Gem setting for a ring. 106,551; Feb. 22.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Combined tooth brush and tumbler holder. 106,552; Feb. 22.
Shapiro, Samuel, New York, N. Y. Glove. 106,603; Feb. 22.
Shinner, Ernest G., assignor to Air-O-Lite Corporation, Chicago, Ill. Combined lamp and fan or similar article. 106,553; Feb. 22.
Shorser, Isidor J., West New York, N. J. Embroidered textile fabric. 106,582; Feb. 22.
Simmon, Rudolph, Long Island City, N. Y. Photographic enlarger. 106,554; Feb. 22.
Slote & Klein, Inc. (See Slote, Reuben, assignor.)
Slote, Reuben, Mount Vernon, N. Y., assignor to Slote & Klein, Inc. Belt buckle. 106,555; Feb. 22.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 106,556; Feb. 22.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 106,583; Feb. 22.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Bridge for an ophthalmic mounting. 106,584; Feb. 22.
Taylor, Walter J., Kansas City, Kans. Token dispenser. 106,585; Feb. 22.
Teague, Walter D., Forest Hills, N. Y., assignor to Warren Telechron Company. Clock face. 106,586; Feb. 22.
Tillman, Abe, New York, N. Y. Textile fabric or similar article. 106,587; Feb. 22.
Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Circulating heater. 106,588; Feb. 22.
Tuman, John, Mount Vernon, N. Y. Ensemble dress. 106,607; Feb. 22.
Tuman, John, Mount Vernon, N. Y. Ensemble dress. 106,608; Feb. 22.
Uncas Manufacturing Company. (See Barbieri, Nicholas, assignor.)
U. S. Reduction Co. (See Lindenberger, Henry, assignor.)
Wallace, Sadye E., New York, N. Y. Compact. 106,589; Feb. 22.
Warren Telechron Company. (See Teague, Walter D., assignor.)
Watinsky, David, Mount Vernon, N. Y. Bathing suit or similar article. 106,609; Feb. 22.
White, Murray, Brookline, Mass. Dress. 106,598; Feb. 22.
Zell, David H., Brooklyn, N. Y. Vanity case or similar article. 106,590; Feb. 22.

LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 22D DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Abernathy, Clyde G., Hornell, N. Y. Road paver. 2,109,020; Feb. 22.
Adam, Florence S., et al. (See Adam, Sidney F., assignor.)
Adam, Robert G., et al. (See Adam, Sidney F., assignor.)
Adam, Sidney F., assignor of one-third to R. G. Adam and one-third to F. R. Adam, St. Louis, Mo. Vehicle direction signal. 2,109,406; Feb. 22.
Adams, Carroll E., Pawtucket, R. I. Drill grinder. 2,109,306; Feb. 22.
Adelman, Arthur. (See Huff, S. P., and Adelman.)
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor cooling system. 2,109,785; Feb. 22.
Ainsworth Manufacturing Corporation. (See Potter, Albert T., assignor.)
Airington Company, The. (See Airington, Marques J., assignor.)
Airington, Marques J., assignor to The Airington Company, Kansas City, Mo. Vending device. 2,109,377; Feb. 22.
Akau, George. (See Ley, G. J., Payne, and Akau.)
Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Von Segebaden, E., and Johnson, assignors.)
Albright, Raymond W., assignor to American Anode, Inc., Akron, Ohio. Therapeutical appliance and making the same. 2,108,934; Feb. 22.
Alden, Reginald J., New York, N. Y., assignor to Chapin & Neal, Springfield, Mass. Decelerometer. 2,108,791; Feb. 22.
Aldridge, Blair G., Los Angeles, and B. Hopper, Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oils. 2,109,125; Feb. 22.
American Anode, Inc. (See Albright, Raymond W., assignor.)
American Brake Company, The. (See Gantner, W. A., and McGowan, assignors.)
American Brake Company, The. (See Schwentler, Francis E., assignor.)
American District Telegraph Company. (See Farmer, P. M., and Evans, assignors.)
American District Telegraph Company. (See Johnson, Clarence C., assignor.)
American District Telegraph Company. (See Muehter, Manfred W., assignor.)
American Foundry Equipment Company, The. (See Soverhill, Harvey A., assignor.)
American Largi Corporation. (See Moriock, Emil, assignor.)
American Machine & Foundry Company. (See Crighton, John, assignor.)
American Machine & Foundry Company. (See Gwinn, George W., assignor.)
American Machine & Foundry Company. (See Leary, James W., assignor.)
American Smelting and Refining Company. (See Betterton, J. O., and Lebedeff, assignors.)
American Steel and Wire Company of New Jersey, The. (See Gleason, George A., assignor.)
American Stove Company. (See Frick, William H., assignor.)
American Stove Company. (See Meacham, Benjamin H. and E. M., assignors.)
American Telephone and Telegraph Company. (See McCann, Thomas A., assignor.)
American Telephone and Telegraph Company. (See Schott, Lionel, assignee.)
Anderson, Thomas A., Hartwell, Ga., assignor to The Patent Button Company, Waterbury, Conn. Folding and pressing attachment for sewing machines. 2,109,441; Feb. 22.
Andrews, Archie M., Greenwich, Conn. Cigarette lighter. 2,109,068; Feb. 22.
Anker-Werke, A. G. (See Imkamp, Karl, assignee.)
Anthony, George B., Detroit, Mich. Underground trap for leaking gas. 2,108,840; Feb. 22.
Anthracite Separator Company. (See Pardee, Frank, Jr., assignor.)
Archibald, Francis M., Elizabeth, and H. C. Schnaider, Roselle, N. J., assignors to Standard Alcohol Company. Secondary alcohol production. 2,109,004; Feb. 22.
Arcturus Development Company. (See Krahl, Walter L., assignor.)
Arrow-Hart & Hegeman Electric Company. (See Bentley, Robert H., assignor.)
Athey Truss Wheel Co. (See Kachar, Joseph, assignor.)
Austin, Walter M., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,109,236; Feb. 22.
Autogas Corporation. (See Dufour, Raymond J., assignor.)
Automatic Drive & Transmission Company. (See Lewis, Robert P., assignor.)
Babcock & Wilcox Company, The. (See Schmidt, Karl C., assignor.)
Bach, Siegfried, Essen, Germany. Garment support. 2,109,280; Feb. 22.
Backstay Welt Company. (See MacLeod, William J., assignor.)
Baehr, Carl G. (See Greist, W. C., and Baehr.)
Bailey Meter Company. (See Ryder, John D., assignor.)
Bajanova, Elisaveta, New York, N. Y. Apparatus for restoring muscles in infantile paralysis. 2,109,188; Feb. 22.
Bake, Louis S., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of lead-sodium alloys. 2,109,005; Feb. 22.
Baker, Albert L., Sacramento, Calif. Fan. 2,108,841; Feb. 22.
Baker & Company. (See Maulen, Frederick, assignor.)
Ball, Donald A. (See Quick, C. G., Ball, and Whitehead.)
Ball, John B. (See Billiker, F. W., and Ball.)
Bamax Machine Co. (See Dayton, Max E., assignor.)
Barber-Colman Company. (See Ransome, Stafford M., assignor.)
Bardwell, Cecil, West Los Angeles, C. R. Erickson, and J. C. Rose, assignors to Motion Picture Electric Products, Los Angeles, Calif. Studio lamp. 2,109,056; Feb. 22.
Bareiss, Julius. (See Richter, M., and Bareiss.)
Barrett, Harry B., St. Louis, Mo., assignor to H. B. Barrett Company, Ltd., Los Angeles, Calif. Brake-relining machine. 2,109,327; Feb. 22.
Barrett, H. B., Company. (See Barrett, Harry B., assignor.)
Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,109,126; Feb. 22.
Bartlett, John N., Tonawanda, N. Y. Amusement apparatus. 2,109,041; Feb. 22.
Bartram, Charles E., Kansas City, Mo. Rolled stock holder. 2,109,007; Feb. 22.
Baumann, Erich. (See Ohlendorf, H., Baumann, and Holzach.)
Baumwollspinnerei Gronau. (See Stroink, Herbert, assignor.)
Bäwer, Johannes A., Gothenburg, Sweden. Hospital bed or the like. 2,108,913; Feb. 22.
Baxter, Clyde M., San Clemente, Calif. Wheel attachment. 2,109,093; Feb. 22.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Self-clinching rivet. 2,108,842; Feb. 22.
Beardsley, Orie L., Gary, Ind. Gun carriage. 2,108,792; Feb. 22.
Bechtner, Paul. (See Kauffman, Harold L., assignor.)
Beekhuis, Herman A., Jr., Syracuse, assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Process and apparatus for the production of salts. 2,109,247; Feb. 22.
Bell Telephone Laboratories, Incorporated. (See Skellett, Albert M., assignor.)
Bendix Aviation Corporation. (See Chandler, M. E., and Wirth, assignors.)
Bendix Aviation Corporation. (See Hunt, Scott F., assignor.)
Bendix Aviation Corporation. (See Kerr, Henry H., Jr., assignor.)
Bendix Products Corporation. (See Clarke, Harold E., assignor.)
Bendix Products Corporation. (See Cole, Don, assignor.)
Bendix Products Corporation. (See Frank, Frederick C., assignor.)
Bendix Products Corporation. (See Press, Carl, assignor.)
Bendix Products Corporation. (See Wright, William S., assignor.)
Bennett, Clifford W., and B. H. Staats, Denver, Colo. Gate valve. 2,109,042; Feb. 22.
Bennett, James L., assignor to Hercules Powder Company, Wilmington, Del. Concentrating aqueous ammonia solutions. 2,108,914; Feb. 22.
Benson, Andrew, Wilmette, Ill. Power transmitting mechanism. 2,109,227; Feb. 22.
Bentley, Robert H., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Snap switch. 2,109,370; Feb. 22.
Berbé, Francois. (See Ferrero, P., Vandendries, and Berbé, assignors.)
Bergmann, Adolf, Berlin-Charlottenburg, Germany. Furniture frame. 2,109,080; Feb. 22.

Bernstein, Samuel S., Beverly Hills, Calif. Spring structure for furniture and the like. 2,109,282; Feb. 22.

Berst-Foster Dixfield Co. (See Garling, Karl E., assignor.)

Betterton, Jesse O., and Y. E. Lebedeff, Meutchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Treating metal. 2,109,144; Feb. 22.

Bigelow, George E., Southgate, and A. R. Weis, assignors of one-half to Pacific Pump Works, Huntington Park, Calif. Duplex high pressure rotary pump. 2,108,786; Feb. 22.

Billker, Fredrick W., Milwaukee, Wis., and J. B. Ball, Chicago, Ill., assignors to Milwaukee Saw Trimmer Corporation, Milwaukee, Wis. Cutting machine. 2,109,057; Feb. 22.

Biro, Carl G., Marblehead, Ohio. Saw setting machine. 2,109,161; Feb. 22.

Blackburn, Jasper, Webster Groves, Mo. Frictional wire connecter. 2,108,957; Feb. 22.

Blackhawk Mfg. Co. (See Mandl, Sigmund, assignor.)

Blackwood, E. M., et al. (See Herndon, William T., assignor.)

Blanchard, Alva G., Shreveport, La. Illuminated boiler water level gauge. 2,109,348; Feb. 22.

Blee, John F., Los Angeles, Calif. Cementing plug. 2,109,058; Feb. 22.

Bly, Merwyn, Leesburg, Va. Electrical testing and detecting apparatus. 2,109,189; Feb. 22.

Boehle, Friedel, Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Piston valve with mid-position bypass. 2,109,162; Feb. 22.

Bogaty, Hermann S., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Apparatus for blending and conditioning tobacco. 2,109,409; Feb. 22.

Boothe, Eugene F., assignor to James R. Kearney Corporation, St. Louis, Mo. Fuse link. 2,108,843; Feb. 22.

Borg-Warner Corporation. (See Ingersoll, Stephen L., assignor.)

Bornemann, Hermann G., Zeglendorf-Klein, Machnow, Germany. Electric spark plug or the like for internal combustion engines. 2,109,364; Feb. 22.

Borton, George W., New Lisbon, N. J., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Crushing machinery. 2,108,793; Feb. 22.

Bosma, Alfred S., assignor to The Lauson Company, New Holstein, Wis. Engine starter. 2,109,281; Feb. 22.

Boston Wire Stitcher Company. (See Cavanagh, John F., assignor.)

Bowdil Company, The. (See Bowman, Charles L., assignor.)

Bowman, Charles L., assignor to The Bowdil Company, Canton, Ohio. Cutter bar. 2,109,081; Feb. 22.

Bowman, Charles L., assignor to The Bowdil Company, Canton, Ohio. Mining machine cutter bar. 2,109,082; Feb. 22.

Bowser, S. F., & Company. (See Carroll, William M., assignor.)

Boyer, John A., and C. G. Rose, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Hard carbide composition. 2,108,794; Feb. 22.

Boyer, John A., and C. G. Rose, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Dense nonmetallic bodies. 2,109,246; Feb. 22.

Boykow, Johann M., Berlin-Lichterfelde-West, assignor, by mesne assignments, to Deutsche Luftfahrt-und Handels-Aktien-Gesellschaft, Berlin, Germany. Instrument for indicating navigational factors. 2,109,283; Feb. 22.

Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Electric discharge tube. 2,108,880; Feb. 22.

Brady, Frank C., Chicago, Ill. Stereopticon slide and projection apparatus therefor. 2,108,844; Feb. 22.

Bragg, Caleb S., Palm Beach, Fla., and Y. W. Kliesrath, Port Washington, assignors to Bragg-Kliesrath Corporation, Long Island City, N. Y. Clutch control mechanism. 2,109,099; Feb. 22.

Bragg-Kliesrath Corporation. (See Bragg, C. S., and Kliesrath, assignors.)

Brandel, Louis P., et al. (See Flury, William J., assignor.)

Braren, Cornelius I. (See Kimball, W. D., and Braren.)

Breitenstein, Herbert G., assignor to R. T. Moloney, Chicago, Ill. Game. 2,109,410; Feb. 22.

Breitling, Ernst. (See Lehmann, K. A., and Breitling.)

Breitling, Ernst, Berlin-Tempelhof, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash registers, accounting and the like machines. 2,109,309; Feb. 22.

Brigham, E. F. P. (See White, B. B., and Young, assignors.)

Brightwell, Walter J., Henderson, Tex. Air compressing machine. 2,108,958; Feb. 22.

Brinck, Erik J. M., Solvesborg, and R. V. A. Olsson, Kyrkhult, Sweden. Slack adjuster for motor vehicle brakes. 2,109,284; Feb. 22.

Brosius Reel Company. (See Schafer, John V., assignor.)

Brosser, Leslie G. S., and L. A. Smith, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic emulsions containing trinuclear cyanine dyes. 2,108,845; Feb. 22.

Brooks, Henry M., et al., trustees. (See Fisher, John F., assignor.)

Brophy, John D., New York, N. Y. Container. 2,109,100; Feb. 22.

Brown, Charles M., Lincoln, Nebr. Display rack. 2,109,379; Feb. 22.

Brown, George R., Shaker Heights, assignor to The North American Manufacturing Company, Cleveland, Ohio. Valve. 2,108,959; Feb. 22.

Brown, Marshall H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alloy. 2,109,285; Feb. 22.

Brown, Walter O., Detroit, Mich. Radio cabinet. 2,108,846; Feb. 22.

Brownjohn, Joseph H., assignor to Imperial Typewriter Company Limited, Leicester, England. Teaching and practising typewriting. 2,109,442; Feb. 22.

Browne-Wintners Co. (See Wandell, James W., assignor.)

Brunner, Walter. (See Zerweck, W., Kunze, and Brunner.)

Budd, Edward G., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Double-walled sheet metal structure and making. 2,108,795; Feb. 22.

Budd, Edward G., Manufacturing Company. (See Budd, Edward G., assignor.)

Bull, William R. (See Hoppert, F. D., Bull, and Simpson.)

Bullard, William P., Albany, and J. S. Guy, Atlanta, assignors to National Pecan Growers Exchange, Albany, Ga. Treating nuts. 2,108,915; Feb. 22.

Bullard, William P., and O. L. Williams, assignors to National Pecan Growers Exchange, Albany, N. Y. Branding machine. 2,109,380; Feb. 22.

Bungay, George W., Brooklyn, N. Y., assignor to Bungaytype-Delaware, Inc. Apparatus for casting stereotype plates. 2,109,206; Feb. 22.

Bungay, George W., Plainfield, N. J., assignor to Bungaytype-Delaware, Inc. Casting stereotype plates. 2,109,207; Feb. 22.

Bungaytype-Delaware, Inc. (See Bungay, George W., assignor.)

Burke, Myra E., Madison, Wis. Infant's syringe. 2,109,059; Feb. 22.

Buttschau, Esther M., Vero Beach, Fla. Lipstick spreader. 2,109,411; Feb. 22.

California Spray-Chemical Corporation. (See Volck, William H. assignor.)

Calkins, Lyle E., and O. S. Levi, assignors to Save Electric Corporation, Toledo, Ohio. Electric lamp bulb. 2,108,847; Feb. 22.

Callaghan, George H. (See Dewan, Leon, assignor.)

Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Hollow crankshaft. 2,109,083; Feb. 22.

Campbell, John. (See Hanson, D., and Pell-Walpole.)

Campbell, Wyant & Cannon Foundry Company. (See Campbell, Donald J., assignor.)

Canadian Vickers Limited. (See Ferrier, Alan, assignor.)

Cappette, Floris. (See Coussement, H. P., and Cappette.)

Capstick, John W., Verdun, Quebec, Canada. Tape binding and package closing machine. 2,109,328; Feb. 22.

Carbondale Machine Corporation. (See Kroft, V. E., and Roe, assignors.)

Carborundum Company, The. (See Boyer, J. A., and Rose, assignors.)

Carey, Charles O., Miami, Fla. Submarine observatory. 2,108,796; Feb. 22.

Carleton, Ralph D., Snyder, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Engine mount. 2,109,329; Feb. 22.

Carll, Clarence E. and W. G., Gorham, Maine. Corn trimming machine. 2,109,365; Feb. 22.

Carll, Willis G. (See Carll, Clarence E. and W. G.)

Carlson, Arnold W., Lewistown, Pa. Door stop and holder. 2,109,228; Feb. 22.

Carlson, John E., Forestville, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electrically heated brooder. 2,109,163; Feb. 22.

Carlson, Otto E., Vernonia, Oreg. Door stop. 2,109,127; Feb. 22.

Carrier Corporation. (See Lindsay, Daniel C., assignor.)

Carrillo, Jesus L., Long Beach, Calif. Closure operator. 2,109,128; Feb. 22.

Carroll, William M., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Dispensing apparatus. 2,109,084; Feb. 22.

Carter, George R., Company, The. (See Creamer, Edgar R., assignor.)

Casper, Anthony B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,108,881; Feb. 22.

Cavanagh, John F., Providence, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine. Wire-stitching or stapling machine. 2,108,882; Feb. 22.

Cavins, Paul, et al. (See Flury, William J., assignor.)

Celanese Corporation of America. (See Ellis, G. H., and Wesson, assignors.)

Celanese Corporation of America. (See Whitehead, William, assignor.)

Ceramic Machinery Distributors Limited. (See Shurley, Frederick, assignor.)

Chandler, Milton E., and E. O. Wirth, assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,109,260; Feb. 22.

Chapin, Edward S., Boston, Mass. Mordanting and union dyeing. 2,109,261; Feb. 22.

Chapin & Neal. (See Alden, Reginald J., assignor.)

Chaplin, Herschel, assignor of one-fourth to S. A. Phillips, and fifteen per cent to R. E. Davis, Morgantown, W. Va. Connector plug. 2,108,916; Feb. 22.

Chilstrom, Gus E., and A. Thompson, Paullina, Iowa. Sickle cushioner. 2,109,085; Feb. 22.

Chisholm-Ryder Co. (See Thorold, Frederick W., assignor.)

Cinch Manufacturing Corporation. (See Dressel, Henry M., assignor.)

Cinch Manufacturing Corporation. (See Knutson, Carl L., assignor.)

Clark, Edwin L., Collingswood, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Electrical system. 2,109,021; Feb. 22.

Clarke, Harold E., Somerville, Mass., assignor to Bendix Products Corporation, South Bend, Ind. Control means for automobiles. 2,109,101; Feb. 22.

Clay, James R., assignor of one-half to P. L. Moore, Granite Falls, N. C. Variable speed drive for drafting machinery. 2,109,247; Feb. 22.

Cleaners Products, Inc. (See Trevellyan, Vernon B., assignor.)

Cleveland Tractor Company, The. (See Heller Julius, assignor.)

Clifford, Albert M., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Rubber composition and preserving rubber. 2,109,164; Feb. 22.

Clifford, Charles C., Maplewood, N. J. Stenographer's notebook and copy holder. 2,109,349; Feb. 22.

Cocks, George W., Upper Montclair, N. J., assignor to Marathon Paper Mills Company, Rothschild, Wis. Preparing and serving ice cream. 2,109,102; Feb. 22.

Coffey, Joseph H., Rhos-on-Sea, North Wales. Method and apparatus for making rubber articles. 2,109,190; Feb. 22.

Cole, Don, Evanston, Ill., assignor to Bendix Products Corporation, South Bend, Ind. Ignition timing control. 2,109,103; Feb. 22.

Coles, Walter H., and B. J. Nelson, assignors to The Skinner Irrigation Company, Troy, Ohio. Irrigation device. 2,108,787; Feb. 22.

Columbus Auto Parts Company, The. (See Flumerfelt, William A., assignor.)

Communication Patents, Inc. (See Nicolson, Alexander M., assignor.)

Compo Shoe Machinery Corporation. (See Smith, John F, assignor.)

Compton, Bates, Vincentown, N. J. Sign. 2,109,330; Feb. 22.

Comstock, Gregory J., Fairfield, Conn. Producing hard cemented carbide composites. 2,108,797; Feb. 22.

Consortium für Elektrochemische Industrie, G. m. b. H. (See Sixt, J., and Mugdan, assignors.)

Contardi, Francisco, Buenos Aires, Argentina. Suspension and driving system for motor vehicles. 2,109,191; Feb. 22.

Cook, Earle S., Wilkinsburg, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Empty and load brake. 2,109,366; Feb. 22.

Cook, Willard G., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric control mechanism for voting machines. 2,109,229; Feb. 22.

Corbin, Wesley S., Ridley Park, assignor to Scott Paper Company, Chester, Pa. Multiple compartment dispensing cabinet. 2,109,412; Feb. 22.

Cordrey, Almon J., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Water ice and dry ice refrigeration system. 2,109,310; Feb. 22.

Cornell Machine Company, The. (See Cornell, Mead, assignor.)

Cornell, Mead, assignor to The Cornell Machine Company, Cleveland, Ohio. Proportioning device. 2,109,331; Feb. 22.

Corona Products, Inc. (See Mayfield, Owen, assignor.)

Cotta, Ralph L. (See Johnson, J. R., Oberlotfken, and Cotta.)

Coussement, Hilaire P., and F. Cappette, Roubaix, France. Grinding instrument for use in dental work. 2,109,086; Feb. 22.

Cox, James A., Santa Fe, N. Mex. Padlock. 2,109,413; Feb. 22.

Creamer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preserving rubber and product. 2,109,165; Feb. 22.

Creamer, Edgar R., assignor to The George R. Carter Company, Detroit, Mich. Molded core strip. 2,108,981; Feb. 22.

Crighton, John, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Feeding of cards or like articles from a stack. 2,109,208; Feb. 22.

Cubby, Richard, Paterson, N. J. Traffic device. 2,109,286; Feb. 22.

Curtiss-Wright Corporation. (See Carleton, Ralph D., assignor.)

Dahlberg, Fred W., assignor to The Hedman Manufacturing Company, Chicago, Ill. Check writer. 2,109,104; Feb. 22.

Daland, Elliot. (See Wilford, E. B., and Daland.)

Dalrymple, William P., Chicago, Ill. Filter. 2,108,798; Feb. 22.

Daniels, Leo A., Collinsville, Conn. Paint softening tool. 2,109,022; Feb. 22.

Davidson, William W., Evanston, Ill. Blank feeder and ejector. 2,108,799; Feb. 22.

Davidson, William W., Evanston, Ill. Mechanism for controlling the feeding and advancing of blanks. 2,108,800; Feb. 22.

Davis, Cecil B., Kingman, Ariz. Door threshold. 2,109,043; Feb. 22.

Davis, Clarence B., Vancouver, Wash. Upright piano action. 2,109,192; Feb. 22.

Davis & Furber Machine Company. (See Knight, Henry H., assignor.)

Davis, Richard E., et al. (See Chapling, Hershel W., assignor.)

Davis, William S., Knoxville, Tenn. Wall range. 2,109,006; Feb. 22.

Davol Rubber Company. (See Little, Jesse, assignor.)

Dayton, Donald G., et al. (See Roll, Walter H., assignor.)

Dayton, Max E., assignor to Bamax Machine Co., Inc., Rockford, Ill. Trailer wheel assembly. 2,109,311; Feb. 22.

De Groote, Melvin, University City, B. Keiser, Webster Groves, L. L. Faure, Kirkwood, and A. F. Wirtel, assignors to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,108,960; Feb. 22.

De Groote, Melvin, University City, B. Keiser, Webster Groves, L. L. Faure, Kirkwood, and A. F. Wirtel, assignors to The Tret-O-Lite Company, Webster Groves, Mo. Breaking petroleum emulsions. 2,108,961; Feb. 22.

Delters, August M., Atlanta, and E. R. Gillon, East Point, assignors to Southern Wood Preserving Company, Atlanta, Ga. Cutter for pole shaping machines 2,109,414; Feb. 22.

Delters, August M., assignor to Southern Wood Preserving Company, Atlanta, Ga. Pole shaping cutter. 2,109,415; Feb. 22.

Dennison, Edward S., New London, assignor to Electric Boat Company, Groton, Conn. Cross head and piston rod and piston construction. 2,109,060; Feb. 22.

Dentler, Arnold E., Hinsdale, assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,109,367; Feb. 22.

Detroit Lubricator Company. (See Wile, Daniel D., assignor.)

Deutsche Hydrierwerke Aktiengesellschaft. (See Morgenstern, S., and Eggert, assignors.)

Deutsche Luftfahrt-und Handels Aktien-Gesellschaft. (See Boykow, Johann M., assignor.)

Dewan, Leon, assignor of fifty percent to G. H. Callaghan, New York, N. Y. Method and apparatus for recording and reproducing sound-on-film. 2,108,801; Feb. 22.

Dickey, Joseph B. (See McNally, J. G., and Dickey.)

Diehl Corporation. (See Klimek, Gustav A., assignor.)

Dietrich, Henry J., Banning, Calif. Woodworking machine. 2,109,061; Feb. 22.

Dillon, Lyle, assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oil. 2,109,350; Feb. 22.

Dimmick, Blees C., assignor to Keystone Steel & Wire Company, Peoria, Ill. Die holder and guide. 2,109,312; Feb. 22.

Ditto, Incorporated. (See Haskell, R. R., and Morton, assignors.)

Doerr, Eva E. (See Lawlor, Simeon C., assignor.)

Dominion Silk Mills Limited. (See Goodings, Alfred C., assignor.)

Dorsey, Louis F., Washington, D. C. Baton. 2,108,802; Feb. 22.

Douglas, Stephen, Fresno, Calif. Riding saddle attachment. 2,109,209; Feb. 22.

Doull, Robert M., assignor to Gunite and Waterproofing Limited, Montreal, Quebec, Canada. Apparatus for protecting piles, piers, etc. 2,109,105; Feb. 22.

Draper Corporation. (See Jackson, Joseph B., assignor.)

Draper, William H., Bristol, England. Folding machine. 2,108,935; Feb. 22.

Dressel, Henry M., Chicago, Ill., assignor, by mesne assignments, to Cinch Manufacturing Corporation. Socket. 2,109,106; Feb. 22.

Drew, Donald E. (See Finzel, T. G., and Drew.)

Dufour, Raymond J., Oak Park, assignor to Autogas Corporation, Chicago, Ill. Combustion chamber. 2,109,262; Feb. 22.

Dunlop, James, Park Ridge, assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Moving stairway. 2,109,210; Feb. 22.

Dunlop Tire and Rubber Corporation. (See Parkinson, Donald, assignor.)

Du Pont, E. I., de Nemours & Company. (See Bake, Louis S., assignor.)

Du Pont, E. I., de Nemours & Company. (See Brown, Marshall H., assignor.)

Du Pont, E. I., de Nemours & Company. (See Finzel, T. G., and Drew, assignors.)

Du Pont, E. I., de Nemours & Company. (See Hardy, Isaac A., assignor.)

Du Pont, E. I., de Nemours & Company. (See Nieuwland, J. A., and Sowa, assignors.)

Dyer, Lloyd W., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,109,211; Feb. 22.

Dziemczyk, Emanuel, Breslau-Goldschmieden, Germany. Rosin for violin bows, etc. 2,109,416; Feb. 22.

Eadie, John R., Jarvis, Ontario, Canada. Portable motor knife grinder. 2,109,107; Feb. 22.

Eastman Kodak Company. (See Brooker, L. G. S., and Smith, assignors.)

Eastman Kodak Company. (See McNally, J. G., and Dickey, assignors.)

Eby, Eugene D., Pittsfield, Mass., assignor to General Electric Company. High voltage bushing. 2,109,368; Feb. 22.

Eckersall, Alphonso B., Chicago, Ill. Head support for routing machines. 2,109,263; Feb. 22.

Eclipse Aviation Corporation. (See Mock, Frank C., assignor.)

Eclipse Aviation Corporation. (See Nowosielski, Edward B., assignor.)

Eclipse Machine Company. (See Sekella, Youston, assignor.)

Eggert, Johann. (See Morgenstern, S., and Eggert.)

Eggert, John, Leipsig-Gohlis, and F. Luft, Leipsig, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for developing film in daylight. 2,109,982; Feb. 22.

Ehrgott, Karl, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Two-compartment fry kettle. 2,109,212; Feb. 22.

Eidco, Inc. (See Hokanson, Martin, assignor.)

Eisenhut, Otto. (See von Weinberg, A., Rein, and Eisenhut.)

Elbaum, Filip, assignor to J. November, Brooklyn, and A. B. Just, Astoria, N. Y. Lock. 2,109,264; Feb. 22.

Elcan, Catherine B., Hot Springs National Park, Ark. Dental floss holder. 2,109,417; Feb. 22.

Elder, Flint C., Cleveland Heights, Ohio. Button former. 2,108,917; Feb. 22.

Electric Boat Company. (See Dennison, Edward S., assignor.)

Elkington, Vivian, Dover, England. Manhole cover and frame. 2,109,287; Feb. 22.

Ellingworth, Samuel, Blackley, Manchester, England, assignor to Imperial Chemical Industries, Limited. Dyestuff of the indigoid type. 2,109,369; Feb. 22.

Elliott Core Drilling Company. (See Snyder, Leonard L., assignor.)

Ellis, George H., and A. J. Wesson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture and/or treatment of artificial materials. 2,108,803; Feb. 22.

Engel, Bruno. (See Pier, M., and Engel.)

Engel, Frank A., and F. Hudson, Roselle, assignors to Lanser-Tite Clamp Corporation, Elizabeth, N. J. Pipe joint. 2,108,848; Feb. 22.

Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of sandals. 2,108,849; Feb. 22.

Engelke, Henry. (See Natkiel, Harry, assignor.)

Enston, Harold V. (See Hilbshman, James R., assignor.)

Erickson, Carl R. (See Bardwell, C., Erickson, and Rose.)

Esmuns, Syvirous. (See Ritter, J., Jr., and Esmuns.)

Euth, John E., Chicago, Ill., assignor to United Autographic Register Co. Typewriter attachment. 2,109,288; Feb. 22.

Evans Case Company. (See Reilly, Alfred F., assignor.)

Evans, Francis C. (See Farmer, P. M., and Evans.)

Ewing, Samuel C., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 2,109,370; Feb. 22.

Fabbrica Italiana Magneti Marelli Soc. An. (See Quintavalle, Umberto, assignor.)

Fafnir Bearing Company, The. (See Searles, Raymond R., assignor.)

Fagerl, William B. (See Leibing, W. E., and Fagerl.)

Falkenberg, William F., Chicago, Ill. Liquid fuel burner. 2,108,918; Feb. 22.

Farmer, Clyde C., Pittsburgh, and R. E. Miller, Wilkinsburg, assignors to Westinghouse Air Brake Company, Wilmerding, Pa. Electro-pneumatic brake. 2,108,785; Feb. 22.

Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,108,786; Feb. 22.

Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control for high speed trains. 2,109,166; Feb. 22.

Farmer, Paul M., Maplewood, N. J., and F. C. Evans, Great Kills, Staten Island, N. Y., assignors to American District Telegraph Company, Jersey City, N. J. Diaphragm switch. 2,109,145; Feb. 22.

Farnsworth, Philo T., San Francisco, and F. J. Somers, San Jose, assignors to Farnsworth Television Incorporated, San Francisco, Calif. High power projection oscillograph. 2,109,289; Feb. 22.

Farnsworth Television Incorporated. (See Farnsworth, P. T., and Somers, assignors.)

Faure, Leonard L. (See De Groote, M., Keiser, Faure, and Wirtel.)

Fawcett, Eric W., and J. L. McCowen, Northwich, England, assignors to Imperial Chemical Industries Limited. Apparatus for high vacuum distillations. 2,109,129; Feb. 22.

Fearing, Allen C., South Weymouth, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Clip. 2,109,213; Feb. 22.

Ferodo and Asbestos Inc. (See Longley, James N., assignor.)

Ferrero, Paul, Tertre, C. Vandendriss, Baucour, and F. Berbo, St. Ghislain, assignors to Societe Carbochimique, Société Anonyme, Brussels, Belgium. Preparations of glycols from oxides of olefines. 2,108,936; Feb. 22.

Ferrier, Alan, Ottawa, Ontario, assignor to Canadian Vickers Limited, Montreal, Quebec, Canada. Winter landing gear for aeroplanes. 2,108,962; Feb. 22.

Fesler, Douglas F., Woodstock, Ill. Knife. 2,109,108; Feb. 22.

Field, Leslie O. (See Field, Wanda G., and L. O.)

Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Thermal operated circuit controlling device. 2,109,160; Feb. 22.

Field, Wanda G. and L. O., Nappanee, Ind. Heel cover for ladies' shoes. 2,109,193; Feb. 22.

Finch, William G. H., New York, N. Y. Telepicture synchronising system. 2,108,963; Feb. 22.

Finch, William G. H., Spuyten Duyvil, N. Y. Continuous sheet facsimile recorder. 2,109,109; Feb. 22.

Finsel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof material and making same. 2,108,804; Feb. 22.

Finsel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Transparent materials and producing same. 2,108,805; Feb. 22.

Finsel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose materials and treating same. 2,108,806; Feb. 22.

Finsel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Transparent material and making same. 2,108,807; Feb. 22.

Finsel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Transparent material and making same. 2,108,808; Feb. 22.

Finsel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof material and making the same. 2,108,809; Feb. 22.

Finsel, Theron G., and D. E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Transparent material and composition of matter for producing same. 2,108,810; Feb. 22.

Fisher, Charley W., Coffeyville, Kans. Oil well valve. 2,109,351; Feb. 22.

Fisher Flouring Mills Co. (See Sisley, L. J., and White, assignors.)

Fisher, George H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,109,062; Feb. 22.

Fisher, Harmon F., assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oil. 2,109,130; Feb. 22.

Fisher, Harmon F., assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for dewaxing oil. 2,109,131; Feb. 22.

Fisher, Henry A., Parkersburg, W. Va. Glass sheet, method and apparatus for making same. 2,108,811; Feb. 22.

Fisher, John F., Manheim, Pa., assignor to H. M. Brooks, New York, N. Y., W. T. Gardiner, Boston, Mass., and J. H. Nissley, Manheim, Pa., as trustees. Stoker. 2,109,332; Feb. 22.

Fisher, Lawrence E., and W. H. Frank, Detroit, Mich. Switch. 2,108,812; Feb. 22.

Fisher, Lloyd H., deceased, Wilmington, by A. B. Nixon, administrator, Holly Oak, assignor to Hercules Powder Company, Wilmington, Del. Production of aralkyl halides. 2,108,937; Feb. 22.

Fitch, Benjamin F., Greenwich, Con. Lock controlling mechanism for transferable freight containers. 2,108,813; Feb. 22.

Florman, Irving, New York, N. Y. Automobile signaling device. 2,109,381; Feb. 22.

Floss, Carl W., Detroit, Mich. Transmission. 2,109,007; Feb. 22.

Flumerfelt, William A., assignor to The Columbus Auto Parts Company, Columbus, Ohio. Joint construction. 2,108,814; Feb. 22.

Flury, William J., assignor of one-sixth to F. Halfen, one-sixth to L. P. Brandel, and one-half to P. Cavina, Long Beach, Calif. Differential pressure bailer. 2,109,008; Feb. 22.

Food Machinery Corporation. (See Thompson, Albert R., assignor.)

Food Machinery Corporation. (See Twomley, Herbert E., assignor.)

Formhals, Anton, assignor of forty-five one-hundredths to R. Schreiber-Gastell, Mainz, Germany. Artificial fiber construction. 2,109,333; Feb. 22.

Foss, Ernest. (See Hess, Harry A., assignor.)

Foster, Mortimer, Bronxville, N. Y. Inorganic building system. 2,109,265; Feb. 22.

Frank, Frederick C., assignor to Bendix Products Corporation, South Bend, Ind. Brake drum. 2,109,110; Feb. 22.

Frank, William H. (See Fisher, L. E., and Frank.)

Franklin, Albert W., New York, N. Y. Condenser. 2,109,266; Feb. 22.

Frantz, Walter A. (See Te Pas, Edmund J., assignor.)

Freeland Spool and Bobbin Corp. (See Markle, George B., Jr., assignor.)

Freudenberg, Gotthard, New York, N. Y., and A. E. Reimers, Harrington Park, N. J., assignors to The Nestle-Lemur Company, New York, N. Y. Hair waving. 2,108,963; Feb. 22.

Freudenberg, Gotthard, New York, N. Y., and A. E. Reimers, Harrington Park, N. J., assignors to The Nestle-Lemur Company, New York, N. Y. Electrical circuit for hair waving machines. 2,108,964; Feb. 22.

Frick, William H., Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Oven. 2,109,382; Feb. 22.

Fromm, Otto W., Frankfort-on-the-Main, Germany, assignor to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 2,108,850; Feb. 22.

Fuller, Hermoine. (See Fuller, William W., assignor.)

Fuller, William W., assignor to H. Fuller, Norfolk, Va. Power steering apparatus for vehicles. 2,109,418; Feb. 22.

Fulton, Melissa B., Chicago, Ill. Alarm. 2,108,851; Feb. 22.

Furnas, William C. (See Furnas, W. C., and Thompson, assignors.)

Furnas, William C., West Allis, and S. R. Thompson, Milwaukee, Wis.; said Thompson assignor to said Furnas, doing business under the name and style of Furnas Electric Company. Switch assemblage. 2,108,883; Feb. 22.

Gagnier, George E. (See Place, Blon C., assignor.)

Gallardo, Jose, Santa Tecla, El Salvador. Tire. 2,109,383; Feb. 22.

Gallupe, Charles A., Mars Hill, Maine. Spraying attachment for tractors. 2,109,384; Feb. 22.

Gallusser, Hans, Geneva, Switzerland. Electrically actuated device for increasing the braking action. 2,109,419; Feb. 22.

Gantner, William A., Wilkinsburg, and T. R. McGowan, Pittsburgh, assignors to The American Brake Company, Swissvale, Pa. Brake mechanism. 2,109,194; Feb. 22.

Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Motor drive mechanism. 2,109,063; Feb. 22.

Garbsch, Paul. (See Hopf, H., Garbsch, and Teller.)

Gardiner, William T., et al., trustees. (See Fisher, John F., assignor.)

Garling, Karl E., Newark, N. J., assignor, by mesne assignments, to Berst-Forster Dixfield Co., New York, N. Y. Cut-off mechanism for straw making machines. 2,109,146; Feb. 22.

Garrison, Alfred C. (See Garrison, Mett L. and A. C.)

Garrison, Mett L. and A. C., England, Ark. Automatic cultivator foot for tractors. 2,109,385; Feb. 22.

Gearhart, Roy E., and E. L. Renshaw, Chicago, Ill. Electrical motor. 2,109,111; Feb. 22.

General Aniline Works, Inc. (See Holzach, K., Winter, and v. Bock, assignors.)

General Aniline Works, Inc. (See Kunz, M. A., and Koeberle, assignors.)

General Aniline Works, Inc. (See Nicodemus, O., and Schmidt, assignors.)

General Aniline Works, Inc. (See Ohlendorf, H., Baumann, and Holzach, assignors.)

General Aniline Works, Inc. (See Rappe, W., Hoelscher, and Achneevoigt, assignors.)

General Aniline Works, Inc. (See Roos, Hans, assignor.)

General Aniline Works, Inc. (See Zerweck, W., and Brunner, assignors.)

General Electric Company. (See Eby, Eugene D., assignor.)

General Electric Company. (See Ewing, Samuel C., assignor.)

General Motors Corporation. (See Gray, Floyd E., assignor.)

General Motors Corporation. (See Lyons, Paul M., assignor.)

General Motors Corporation. (See Schweller, S. M., assignor, and Schilling.)

General Motors Corporation. (See Vanderen, Bernard J., assignor.)

General Railway Signal Company. (See Field, Oscar S., assignor.)

General Railway Signal Company. (See Phinney, Robert M., assignor.)

General Railway Signal Company. (See Reichard, Wade H., assignor.)

General Steel Casting Corporation. (See Pflager, Harry M., assignor.)

Getteiman, Frederick, Milwaukee, Wis. Condenser. 2,109,064; Feb. 22.

Gettinger, Joseph, Chicago, Ill. Television apparatus. 2,108,852; Feb. 22.

Ghazal, Elie A., Marion, S. C. Garment hanger. 2,108,853; Feb. 22.

Gille, Benson D. (See Gillé, Earl S. and B. D.)

Gillé, Earl S. and B. D., assignors of one-half to R. W. Spofford, Los Angeles, Calif. Sound recording system. 2,108,815; Feb. 22.

Gillon, Elam R. (See Deiters, A. M., and Gillon.)

Gleason, George A., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Retainer for reel lagging. 2,109,170; Feb. 22.

Goff, Leonard D., Three Rivers, Mich. Return trap. 2,108,854; Feb. 22.

Goodings, Alfred C., assignor to Dominion Silk Mills Limited, Toronto, Ontario, Canada. Improving the electrical resistance of animal fibers. 2,109,067; Feb. 22.

Goodman, Jack A. (See Welch, Clifton, assignor.)

Gould, Philetus S., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Device for demonstrating the action of cords and the like. 2,109,171; Feb. 22.

Gray, Floyd E., assignor to General Motors Corporation, Dayton, Ohio. Latch. 2,108,965; Feb. 22.

Green, Charles W., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,108,884; Feb. 22.

Green, Clarence J., assignor to Norton Company, Worcester, Mass. Cam grinding apparatus. 2,109,386; Feb. 22.

Green, Harry, Bronx, assignor of one-half to A. Wasserlauf, Jackson Heights, Long Island, N. Y. Window seat. 2,109,313; Feb. 22.

Green, Leslie P., Chicago, Ill. Scraper. 2,109,195; Feb. 22.

Green, Lucille, and J. Marks, Los Angeles, Calif. Brassière. 2,109,172; Feb. 22.

Greist Manufacturing Company, The. (See Greist, W. C., and Baehr, assignors.)

Greist, Walter C., and C. G. Baehr, New Haven, Conn, assignors to The Greist Manufacturing Company. Binding and piping attachment for sewing machines. 2,109,214; Feb. 22.

Grembecki, Elmer C., Chicago, Ill. Dampener for printing presses. 2,108,984; Feb. 22.

Griebach, Franz, Dessau, assignor to T. Junkers, Gauting, near Munich, Germany. Metallic wall structure. 2,108,885; Feb. 22.

Grieve, Price, Sigourney, Iowa. Leveling instrument. 2,109,044; Feb. 22.

Grigoriu, Cesar, Bucharest, Rumania. Target indicator. 2,108,919; Feb. 22.

Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Resilient work driving means. 2,109,371; Feb. 22.

Grosser, Mary, Chicago, Ill. Combined crib and wardrobe. 2,109,267; Feb. 22.

Grosso, Patrick P., Brooklyn, N. Y. Adjustable angle surgical instrument. 2,109,147; Feb. 22.

Guenther, Fritz, and H. Holsten, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Sulphamic acid substance. 2,108,886; Feb. 22.

Guenther, Fritz, and H. Holsten, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Sulphamic acid substance. 2,108,887; Feb. 22.

Guernsey, Charles O., Yeadon, Pa. Clutch control apparatus. 2,109,420; Feb. 22.

Gulf Coast Machine & Supply Company. (See O'Neal, James C., assignor.)

Gulf Oil Corporation. (See McCoy, William K., assignor.)

Gunite and Waterproofing Limited. (See Doull, Robert M., assignor.)

Gunter, Howard H., Baltimore, Md. Automobile lift. 2,108,888; Feb. 22.

Gutmann, Ferdinand, & Co. (See Rasmussen, Charles H., assignor.)

Guy, James S. (See Bullard, W. P., and Guy.)

Gwinn, George W., Hewlett, N. Y., assignor to American Machine & Foundry Company. Rotary cigarette Catcher. 2,109,148; Feb. 22.

Hadley, Homer M., Seattle, Wash. Cellular form for embedment in concrete construction. 2,109,009; Feb. 22.

Haffner, Louis D., St. Louis, Mo. Educational device. 2,108,855; Feb. 22.

Hague, Louis M., Rumson, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Fibrous buff. 2,108,985; Feb. 22.

Halfen, Frank, et al. (See Flury, William J., assignor.)

Halkyard, Charles C., assignor to Hume Pipe Company (Australia) Limited, Melbourne, Australia. Molding of concrete pipes and the like. 2,109,421; Feb. 22.

Hall, Elisha W., Scituate, Mass. Buring or polishing wheel. 2,108,966; Feb. 22.

Halperin, Herman, Chicago, Ill. Duct splice for high voltage cables. 2,108,889; Feb. 22.

Hammond, Theodore A., Upper Montclair, N. J. Filtering valve and the like. 2,109,230; Feb. 22.

Hanson, Andrew C., Racine, Wis. Controlling device for window shade rollers. 2,109,112; Feb. 22.

Hanson, Daniel, Haselor, Alcester, and W. T. Pell-Walpole, Tipton, assignors to J. Campbell, Kensington, England. Tin alloy. 2,109,387; Feb. 22.

Hanson-Van Winkle-Munning Company. (See Hague, Louis M., assignor.)

Harbison-Walker Refractories Company. (See Smalley, Henry L., assignor.)
Harder, Edwin L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator rheostat. 2,109,214; Feb. 22.
Harder, Edwin L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,109,215; Feb. 22.
Hardy, Isaac A., Evansville, Ind., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Machine for loading wrappers or pouches. 2,109,231; Feb. 22.
Harley-Davidson Motor Co. (See Harley, William S., assignor.)
Harley, William S., assignor to Harley-Davidson Motor Co., Milwaukee, Wis. Radio carrying attachment for bicycles and motorcycles. 2,109,315; Feb. 22.
Harley, William S., assignor to Harley-Davidson Motor Co., Milwaukee, Wis. Oil tank and battery assembly. 2,109,316; Feb. 22.
Hartmann Trunk Company. (See Ritter, J., Jr., and Hartmann, assignors.)
Haselton, Fern D., Newark, N. J. Drafting apparatus. 2,109,065; Feb. 22.
Haskell, Robert R., Swampscott, Mass., and H. J. Morton, Batavia, assignors to Ditto, Incorporated, Chicago, Ill. Assembling and laying master sheets for duplication. 2,109,066; Feb. 22.
Haughton, Wilfrid H., Carshalton Beeches, England. Deformable figure employable for production of animated cartoon films. 2,109,422; Feb. 22.
Havard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Automatic seroiser for dispensing pumps. 2,109,352; Feb. 22.
Havard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Automatic seroising device for dispensing pumps. 2,109,353; Feb. 22.
Heckman, Charles, West Palm Beach, Fla. Transmission. 2,109,290; Feb. 22.
Hedman Manufacturing Company, The. (See Dahlberg, Fred W., assignor.)
Heinitz, Woldemar, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany. Flat rib knitting machine. 2,109,423; Feb. 22.
Heinrich, Walter A., assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical connecter. 2,108,856; Feb. 22.
Heller, Julius, Vienna, Austria, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Land vehicle equipped with lead-shifting devices. 2,109,388; Feb. 22.
Henderson, Douglas. (See McLaughlin, Frank.)
Henriksen, Alfred. (See Lincoln, B. H., and Henriksen.)
Henriksen, Ellen M., administratrix. (See Lincoln, B. H., and Henriksen.)
Henry, George W., Jr., assignor to Scobar Company, Philadelphia, Pa. Repricer. 2,109,389; Feb. 22.
Hercules Powder Company. (See Bennett, James L., assignor.)
Hercules Powder Company. (See Fisher, Lloyd H., assignor.)
Hercules Powder Company. (See Rummelsburg, Alfred L., assignor.)
Herger, Rudolph. (See Speckhart, S. J., and Herger.)
Herndon, William T., assignor of one-third to E. M. Blackwood and one-third to T. McInnis, Fayetteville, N. C. Wave motor. 2,109,173; Feb. 22.
Hess, Harry A., assignor of one-half to E. Foss, Elcho, Wis. Battery terminal and post. 2,109,424; Feb. 22.
Hewitt, Ellis E. (See Cook, E. S., and Hewitt.)
Hewitt, Ellis E. (See Farmer, C. C., and Hewitt.)
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,109,045; Feb. 22.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake apparatus. 2,109,046; Feb. 22.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,109,047; Feb. 22.
Hibshman, James R., Cleveland Heights, Ohio, assignor to H. V. Ensten. Headwear. 2,109,248; Feb. 22.
Hickman, John G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Ventilating window. 2,109,349; Feb. 22.
Higley, Walter C., Toledo, Ohio. Cigarette. 2,109,132; Feb. 22.
Hilderbrant, Daniel W., Farmersville, Calif. Clothespin. 2,109,023; Feb. 22.
Hill, Edward G., Richmond, Va., and J. X. Phillips, Washington, D. C., assignors to Hill Engineering Corporation, Richmond, Va. Automatic gear shifting mechanism. 2,109,443; Feb. 22.
Hill Engineering Corporation. (See Hill, E. G., and Phillips, assignors.)
Hinds, James W., Dallas, assignor of forty-nine per cent to P. J. Pond, Wichita Falls, Tex. Dye. 2,109,372; Feb. 22.
Hodgins, Theodore S. (See Hovey, A. G., and Hodgins.)
Hoe, R., & Co. (See Quick, C. G., Ball, and Whitehead, assignors.)
Hoelscher, Friederich. (See Reppe, W., Hoelscher, and Schneevoigt.)
Hokanson, Martin, assignor to Eidco, Inc., Duluth, Minn. Drill bit. 2,109,390; Feb. 22.
Holland, Alfred H., and R. A., Winston-Salem, N. C. Refectory table. 2,108,816; Feb. 22.
Holland, Robert A. (See Holland, Alfred H. and R. A.)
Holsten, Herman. (See Guenther, F., and Holsten.)
Holzach, Karl. (See Ohlendorf, H., Baumann, and Holzach.)
Holzach, Karl, C. Winter, and R. v. Bock, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of azo dyestuffs. 2,109,024; Feb. 22.
Honig, Morris, Bronx, N. Y. Fire ladder and Safety elevator. 2,109,196; Feb. 22.
Hooker, Albert H., Lewiston, assignor to Hooker Electrochemical Company, New York, N. Y. Reduction of contamination by metals in caustic alkali solutions. 2,109,250; Feb. 22.
Hooker Electrochemical Company. (See Hooker, Albert H., assignor.)
Hopf, Heinrich, P. Garbsch, and F. Teller, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of artificial masses from vinyl esters. 2,108,857; Feb. 22.
Hopper, Basil. (See Aldridge, E. G., and Hopper.)
Hoppert, Filser D., W. R. Bull, and C. B. Simpson, Springfield, Mass. Machine gun. 2,108,817; Feb. 22.
Horn, Ralph B., Brighton, Ala., assignor to The Republic Steel Corporation, Cleveland, Ohio. Burner for sintering machines. 2,109,149; Feb. 22.
Houde Engineering Corporation. (See Casper, Anthony B., assignor.)
Hovey, Almon G., Pleasant Ridge, and T. S. Hodgins, assignors to H. Reichhold, doing business as Reichhold Chemicals, Detroit, Mich. Urea-formaldehyde-polyhydric alcohol-polybasic acid condensation products. 2,109,291; Feb. 22.
Hoyt, Richard H. Los Angeles, Calif. Holster. 2,109,232; Feb. 22.
Hribar, Joseph. Lockport, Ill. Grinding device. 2,109,292; Feb. 22.
Hudson, Franklin. (See Engel, F. A., and Hudson.)
Huff, Sargent P., Chevy Chase, Md., and A. Adelman, Chesaning, Mich. Practice bomb. 2,108,818; Feb. 22.
Huffstutter, John W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Arc-extinguishing device. 2,109,216; Feb. 22.
Humason, Granville, A., Houston, Tex. Combination clean-out and sample tool. 2,109,197; Feb. 22.
Hume Pipe Company (Australia) Limited. (See Halkyard, Charles C., assignor.)
Humiston, Walter D., Flushing, N. Y. Indurating lumber. 2,108,920; Feb. 22.
Hunt, Scott F., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,109,113; Feb. 22.
Hurxthal, Alpheus O., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Drying leather and similarly tautly stretched units. 2,109,425; Feb. 22.
Hutchison, Frank C., et al. (See Roll, Walter H., assignor.)
Hydraulic Press Corporation, The. (See Boehle, Friedel, assignor.)
I'Anson, Charles F., Kenosha, Wis. Key-identifying device. 2,109,268; Feb. 22.
I. G. Farbenindustrie Aktiengesellschaft. (See Eggert J., and Luft, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Guenther, F., and Holsten, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hopf, H., Garbsch, and Teller, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Neukirch, Eberhard, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Engel, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See von Weinberg, A., Rein, and Eisenhut, assignors.)
Imkamp, Karl, assignor to Anker-Werke, A. G., Bielefeld, Germany. Printing and resetting mechanism. 2,108,858; Feb. 22.
Imperial Chemical Industries Limited. (See Ellingworth, Samuel, assignor.)
Imperial Chemical Industries Limited. (See Fawcett, E. W., and McCowen, assignors.)
Imperial Chemical Industries Limited. (See Lawrie, L. G., Reynolds, and Piggott, assignors.)
Imperial Chemical Industries Limited. (See Moore, Joseph G., assignor.)
Imperial Typewriter Company Limited. (See Brownjohn, Joseph H., assignor.)
Industrial Patents Corporation. (See McKim, Charles F., assignor.)
Industrial Patents Corporation. (See Mehlenbacher, Virgil C., assignor.)
Industrial Patents Corporation. (See Straeten, Charles L., assignor.)
Industrial Patents Corporation. (See Walter, Charles T., assignor.)
Industrial Patents Corporation. (See Young Harland H., Jr., assignor.)
Ingersoll Milling Machine Company, The. (See Johnson, J. R., Oberhoffner, and Cotta, assignors.)
Ingersoll Milling Machine Company, The. (See Lyon, Arthur H., assignor.)
Ingersoll-Rand Company. (See Mack, Albert R., assignor.)

Ingersoll, Stephen L., assignor to Borg-Warner Corporation, Chicago, Ill. Making laminated metal blanks. 2,109,010; Feb. 22.
Inner-Tite Clamp Corporation. (See Engel, F. A., and Hudson, assignors.)
Ion Corporation. (See Kott, Hermann, assignor.)
Inselbe, Sidney D., Shanley, Ohio. Tube cleaning apparatus. 2,108,790; Feb. 22.
International Patents Development Company. (See Kerr, Ralph W., assignor.)
Irvin, Richard, Pittsburgh, Pa. Cribbing structure. 2,109,025; Feb. 22.
Isaacson, Fred A., Tacoma, Wash. Brake beam safety carrier. 2,108,987; Feb. 22.
Jackson, Joseph B., assignor to Draper Corporation, Hopedale, Mass. Loom reed adjusting means. 2,109,444; Feb. 22.
Jacobson, Wilgot J., Buffalo, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Flashback-resistant blowpipe. 2,108,819; Feb. 22.
Jacobson, Wilgot J., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe. 2,108,820; Feb. 22.
Jacobson, Wilgot J., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Fluid mixer. 2,109,321; Feb. 22.
Jacobson, Wilgot J., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe. 2,109,259; Feb. 22.
Jänicke, Hermann, Dessau (Anhalt), assignor to T. Junkers, Ganting, near Munich, Germany. Motor compressor of the free piston type. 2,108,850; Feb. 22.
Jensen, Louis, Chicago, Ill., assignor to United Autographic Register Co. Adapter for typewriters. 2,109,293; Feb. 22.
Johnson Bror. (See Von Sneidaden, R., and Johnson.)
Johnson, Clarence C., New York, N. Y., assignor to American District Telegraph Company, Jersey City, N. J. Water flow detector and alarm means. 2,109,317; Feb. 22.
Johnson, Elvin H., Winnetka, Ill. Door holder. 2,108,891; Feb. 22.
Johnson, John R., A. Oberhoffner, and R. L. Cotta, assignors to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,109,321; Feb. 22.
Johnson, Julius M. (See Lauck, A. G., and Johnson.)
Johnston, Howard M., assignor to Massey-Harris Company, Limited, Toronto, Ontario, Canada. Riveting device. 2,109,067; Feb. 22.
Jorgenson, Arthur P., assignor to Bean Manufacturing Company, Racine, Wis. Paint and liquid mixer. 2,109,233; Feb. 22.
Joyce, James J., Portsmouth, N. H. Night road marker. 2,109,011; Feb. 22.
Judd, Irving R., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Truck trailer combination. 2,108,968; Feb. 22.
Junkers, Therese. (See Gricksch, Franz, assignor.)
Junkers, Therese. (See Jänicke, Hermann, assignor.)
Just, Arthur R., et al. (See Hilbum, Philip, assignor.)
Kadel, Byers W., Baltimore, Md., assignor to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,109,133; Feb. 22.
Kaden, Heinrich, Berlin-Siemensstadt, P. Thomas, Berlin-Wilmersdorf, and H. Wannemacher, Berlin-Spandau, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, Berlin, Germany. Communication cable comprising one or more screened core groups. 2,109,324; Feb. 22.
Kalko, Stephen, Bordentown Township, Burlington County, N. J. Variable speed transmission. 2,109,174; Feb. 22.
Kambli, Eduard, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Indigoid dyestuffs. 2,108,938; Feb. 22.
Kamborian, Jacob S., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and means for use in lasting shoes. 2,108,859; Feb. 22.
Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Television apparatus. 2,109,198; Feb. 22.
Katadyn Inc. (See Krause, George A., assignor.)
Kaufman, Harold L., Warren, Pa., assignor of one-half to P. Bechtner, Chicago, Ill. Method of and substance for treating tobacco smoke. 2,108,900; Feb. 22.
Kaufman, Cecil D. (See McDonald, Raymond W., assignor.)
Kaufmann, Hans, Munster, Germany. Manufacturing (1-phenyl-2,3-dimethyl-5-pyrazolonyl)-isopentyl-ketone. 2,109,445; Feb. 22.
Kearney, James R., Corporation. (See Boothe, Eugene F., assignor.)
Kearney, James R., Corporation. (See Heinrich, Walter A., assignor.)
Keenan, Walter M., Fieldston, N. Y. Centrifugal ash separators. 2,109,224; Feb. 22.
Keiser, Bernhard. (See De Groote, M., Keiser, Faure, and Wirtel, assignors.)
Kelsey-Hayes Wheel Company. (See Main, F. L., and Sawtelle, assignors.)
Kendall, Marcus T., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Refining of mineral oils. 2,109,446; Feb. 22.
Kendrick, Arthur B., East Orange, N. J., assignor to James R. Kendrick Co., Inc., Philadelphia, Pa. Surgical appliance. 2,109,124; Feb. 22.
Kendrick, James R., Co. (See Kendrick, Arthur B., assignor.)
Kennecott Copper Corporation. (See Larson, L., and Kinnear, assignors.)
Kennedy, William J., New York, N. Y. Turnstile. 2,109,354; Feb. 22.
Kenyon, Cecil T., Wilmerding, Pa. Aeroplane control mechanism. 2,108,861; Feb. 22.
Kerr, Henry H., Jr., assignor to Bendix Aviation Corporation, South Bend, Ind. Hydraulic Bowden control. 2,109,114; Feb. 22.
Kerr, Ralph W., Riverside, Ill., assignor to International Patents Development Company, Wilmington, Del. Halogenated thick boiling starch. 2,108,862; Feb. 22.
Kestenman Bros. Mfg. Co. (See Kestenman, Charles H., assignor.)
Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Insignia holding bracelet clasp. 2,108,892; Feb. 22.
Kerstone Steel & Wire Company. (See Dismick, Bless C., assignor.)
Kiefl, Abram T., Grand Haven, Mich. Dish. 2,108,863; Feb. 22.
Kiekhaefer, Elmer C. (See Stearns, R. H., and Kiekhaefer.)
Killian, Edward S., Akron, Ohio, assignor to Frank B. Killian, trustee. Method and apparatus for handling rubber articles. 2,109,150; Feb. 22.
Killian, Frank B., trustee. (See Killian, Edward S., assignor.)
Kilpatrick, John R., New York, N. Y. Stage exhibiting card plays of bridge games. 2,109,175; Feb. 22.
Kimball, Wallace D., Jackson Heights, and C. L. Braren, Jamaica, assignors to Standard-Knapp Corporation, Long Island City, N. Y. Case packing machine. 2,109,294; Feb. 22.
King, Henry H., West Palm Beach, Fla. Plant protector. 2,109,426; Feb. 22.
Kinnear, Blanch T., Still River, Mass. Antiskid device. 2,109,068; Feb. 22.
Kinnear, John C. (See Larson, L., and Kinnear.)
Kleine, Otto A., Chicago, Ill. Eyeshade. 2,109,115; Feb. 22.
Klimrath, Victor W. (See Bragg, C. S., and Klimrath.)
Klimek, Gustav A., East Rutherford, N. J., assignor to Diehl Corporation, New York, N. Y. Synchro selective constant mesh transmission. 2,108,986; Feb. 22.
Knight, Henry H., Canton, assignor to Davis & Furber Machine Company, North Andover, Mass. Fiber cutting mechanism for tape condenser or similar machines. 2,109,176; Feb. 22.
Knutson, Carl L., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Radio socket. 2,109,217; Feb. 22.
Koeberle, Karl. (See Kuns, M. A., and Koeberle.)
Koenig, Walter J., assignor to Sloane-Blabon Corporation, Philadelphia, Pa. Composition of matter and making the same. 2,108,893; Feb. 22.
Koerner, Theodore W., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,109,199; Feb. 22.
Kohut, Julius B., Brooklyn, N. Y. Floodless radiator steam valve. 2,109,269; Feb. 22.
Kolstad, Welding J., Hyde Park, Mass. Stamping tool. 2,109,253; Feb. 22.
Kopp, Frank, Brooklyn, and L. Morris, Mount Vernon, N. Y. Slip construction. 2,108,894; Feb. 22.
Kott, Hermann, East Orange, assignor, by mesne assignments, to Ion Corporation, Short Hills, N. J. Radiation filter and utilizing the same. 2,109,235; Feb. 22.
Krackowizer, Hermann J., Chicago, Ill. Refrigerating apparatus. 2,109,270; Feb. 22.
Krahl, Walter L., Montclair, assignor, by mesne assignments, to Arcturus Development Company, Newark, N. J. Shock absorber for the elements of thermionic tubes. 2,108,987; Feb. 22.
Krause, Daniel E., Columbus, Ohio, assignor, by mesne assignments, to Monsanto Chemical Company. Vitreous enameled products. 2,109,271; Feb. 22.
Krause, Georg A., Munich, Germany, assignor, by mesne assignments, to Katadyn, Inc., New York, N. Y. Artificially aging alcoholic liquids and perfumes. 2,109,151; Feb. 22.
Kreft, Verney R., Pittsburgh, Pa., and A. Roe, Newark, assignor to Carbondale Machine Corporation, Harrison, N. J. Chilling apparatus. 2,109,135; Feb. 22.
Kroger, Fred H., Rocky Point, N. Y., assignor to Radio Corporation of America. Frequency control transmission line. 2,108,895; Feb. 22.
Krupp, Fried. Aktiengesellschaft. (See Naumann, Friedrich K., assignor.)
Kuchar, Joseph, assignor to Athey Truss Wheel Co., Chicago, Ill. Hydraulic door operator for wagons. 2,108,864; Feb. 22.
Kuns, Max A., Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Derivatives of the anthrapyrimidine series. 2,109,116; Feb. 22.
Kunze, Wilhelm. (See Zerweck, W., Kunze, and Brunner.)
Landgraf, Joseph, Chicago, Ill. Fastening device. 2,109,254; Feb. 22.

Landreck, Paul, Rochester, N. Y., assignor to Photostat Corporation, Providence, R. I. Photographic film indicator. 2,109,373; Feb. 22.

Lank, Clarence H., Gloucester, Mass. Liquid level gauge. 2,109,355; Feb. 22.

Larson, Ernest E. (See Turner, Howard H., assignor.)

Larson, Leonard, and J. C. Kinnear, McGill, Nev., assignors to Kennecott Copper Corporation, New York, N. Y. Selective converting of copper matte. 2,109,272; Feb. 22.

Larson, Louis G., Jersey City, N. J., assignor to Wirtheen Associates, Inc., New York, N. Y. Slotting machine. 2,109,350; Feb. 22.

Lauck, Albert G., and J. M. Johnson, Alton, Ill., assignors to Owens-Illinois Glass Company. Apparatus for surface treating glass containers. 2,109,291; Feb. 22.

Lauson Company, The. (See Bosma, Alfred S., assignor.)

Lawler, Simeon C., assignor to H. H. Doerr, Chicago, Ill. Mop holder. 2,109,335; Feb. 22.

Lawrance, Athol E. N., Johannesburg, Transvaal, Union of South Africa. Acoustical device. 2,109,012; Feb. 22.

Lawrie, Leslie G., R. J. Reynolds, and H. A. Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Textile fabric and making the same. 2,109,295; Feb. 22.

Leary, James W., Bloomfield, N. J., assignor to American Machine & Foundry Company. Cigarette tobacco feed. 2,109,200; Feb. 22.

Lebedeff, Yurii E. (See Betterton, J. O., and Lebedeff.)

Le Blanc, Charles, Los Angeles, Calif. Hydraulically controlled dirt moving machine. 2,109,392; Feb. 22.

Le Blanc, Charles, Los Angeles, Calif. Trailbuilder, bulldozer, and the like. 2,109,393; Feb. 22.

Le Blond, R. K., Machine Tool Company, The. (See Greene, William F., assignor.)

Lehmann, Karl A., Freudenstadt, and E. Breitling, Berlin-Tempelhof, Germany, assignors to The National Cash Register Company, Dayton, Ohio. Cash register. 2,108,896; Feb. 22.

Leibing, William E., Sausalito, Calif., and W. B. Fagaol, Kent, Ohio. Fuel control apparatus. 2,109,296; Feb. 22.

Levi, Ormonde S. (See Calkins, L. E., and Levi.)

Levin, Salomon, Lille, France. Machine for cutting, embossing, and printing sheets of paper and cardboard. 2,109,088; Feb. 22.

Levy, René L., Montrouge, France, assignor to Société d' Inventions Aéronautiques et Mécaniques S. I. A. M., Fribourg, Switzerland. Retractable landing gear. 2,109,427; Feb. 22.

Lewis Invisible Stitch Machine Company. (See Mueller, Charles W., assignor.)

Lewis, Robert P., Toledo, Ohio, assignor to Automatic Drive & Transmission Company, Gloucester City, N. J. Automatic clutch mechanism. 2,108,969; Feb. 22.

Lewis, William W., Port Washington, N. Y. Regulator for Venetian blinds. 2,108,939; Feb. 22.

Ley, Gaston J., J. H. Payne, and G. Akau, Honolulu, Hawaii, dedicated to the free use of the People of the United States. Making food product. 2,108,897; Feb. 22.

Lichter, Malvin, New Rochelle, assignor to The Stickless Corporation, New York, N. Y. Miniature mending kit. 2,109,318; Feb. 22.

Lincoln, Bert H., and A. Henriksen, deceased; by E. M. Henriksen, administratrix, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,109,357; Feb. 22.

Lindsay, Daniel C., Johannesburg, Union South Africa, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Mine cooling system. 2,109,236; Feb. 22.

Lippincott, Wells A., Chicago, Ill. Printing plate and formation thereof. 2,108,822; Feb. 22.

Lippold, Carl J., Wauwatosa, assignor to J. M. Nash Company, Milwaukee, Wis. Sanding and polishing machine. 2,109,009; Feb. 22.

Liquid Carbonic Corporation, The. (See Cordrey, Almon J., assignor.)

Little, Jesse, Warwick, assignor to Davol Rubber Company, Providence, R. I. Closure for nursing bottles and the like. 2,109,374; Feb. 22.

Little, John. (See Smeal, Ellis K., assignor.)

Livingston, Harry M., Rainier, Wash. Rotary scraper. 2,109,394; Feb. 22.

Logan, John W., Jr., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. High speed brake equipment. 2,109,167; Feb. 22.

Long, Elmer C., Grosse Pointe Park, Mich. Piston for internal combustion motors. 2,108,865; Feb. 22.

Longley, James N., Chinley, England, assignor to Ferodo and Asbestos Inc., Ambler, Pa. Friction material and forming same. 2,108,988; Feb. 22.

Lorenzen, Bert L., assignor of one-half to M. O. McComb, Los Angeles, Calif. Juice extractor. 2,109,048; Feb. 22.

Lubri-Zol Development Corporation. (See Lincoln, B. H., and Henriksen, assignors.)

Ludlow, Edmund. (See Noblitt, Q. G., and Ludlow.)

Luft, Fritz. (See Eggert, J., and Luft.)

Lustig, Ludwig, Manhasset, N. Y. Power plant. 2,109,237; Feb. 22.

Lyon, Arthur H., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,108,823; Feb. 22.

Lyons, Paul M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,108,898; Feb. 22.

M. & D. Display Mfg. Corporation. (See Mapson, Robert L., assignor.)

MacDonald, William W., Mountain View, assignor to Max L. Rosenfeld, San Francisco, Calif. Truck. 2,109,177; Feb. 22.

MacIntire, Walter H., Knoxville, Tenn. Making di-calcium phosphate. 2,108,940; Feb. 22.

MacLeod, William J., Lochmoor, Grosse Pointe Village, Mich., assignor to Backstay Welt Company, Union City, Ind. Core for trimming moldings. 2,109,428; Feb. 22.

Mack, Albert R., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rotation mechanism. 2,108,969; Feb. 22.

MacKenzie, Philip, Oakland, Calif. Air control valve for gear shifts. 2,109,070; Feb. 22.

Magazine Repeating Razor Company. (See Rodrigues, Octavius V., assignor.)

Main, Frank L., Birmingham, and C. A. Sawtelle, assignors to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,109,013; Feb. 22.

Malm, Axel S., West Hartford, Conn. Swimming device. 2,109,429; Feb. 22.

Mandl, Sigmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Socket wrench. 2,108,866; Feb. 22.

Mapson, Robert L., assignor to M. & D. Display Mfg. Corporation, Los Angeles, Calif. Display fixture. 2,109,256; Feb. 22.

Marathon Paper Mills Company. (See Cocks, George W., assignor.)

Marathon Paper Mills Company. (See Rossman, J., and Wagner, assignors.)

Marden, William L., Jackson Heights, N. Y., assignor to Neptune Meter Company. Dispensing apparatus. 2,109,178; Feb. 22.

Markle, George B., Jr., assignor to Freeland Spool and Bobbin Corp, Hazelton, Pa. Bobbin. 2,109,430; Feb. 22.

Markle, Matthew G., Lake Bluff, and L. W. Tuttle, Mount Prospect, Ill. Atomizing type oil fogger. 2,109,136; Feb. 22.

Markley, George E., Cleveland Heights, Ohio. Mechanical movement applicable to material screening apparatus. 2,109,395; Feb. 22.

Marks, Jean. (See Green, L., and Marks.)

Marsden, Leonard, Newton-le-Willows, England. Machine for depositing cream, chocolate, or the like on biscuits. 2,109,336; Feb. 22.

Marsh, Harold A., Brooklyn, N. Y. Filler cap fastener. 2,109,137; Feb. 22.

Massey-Harris Company. (See Johnston, Howard M., assignor.)

Mastney, Edward J., Berwyn, assignor to Oak Manufacturing Company, Chicago, Ill. Switch. 2,109,319; Feb. 22.

Mather Spring Company, The. (See Nilsson, Robert W., assignor.)

Mathieu, Gaston A., Shirehall Park, London, England, assignor to Radio Corporation of America. Radio direction system. 2,108,867; Feb. 22.

Mathieson Alkali Works, Inc., The. (See Vincent, George P., assignor.)

Matsenaga, Yonosuke, Naka-ku, Yokohama, Japan. Aluminium alloy. 2,109,117; Feb. 22.

Maulen, Frederick, East Orange, N. J., assignor to Baker & Company, Inc. Tooth pins for artificial teeth. 2,109,128; Feb. 22.

Mautsch, Robert H., Brussels, Belgium, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Ventilating confined spaces. 2,109,071; Feb. 22.

Mayfield, Owen, Houston, Tex., assignor to Corona Products, Inc., Rogers, Ark. Amorphous silica drilling fluid. 2,109,337; Feb. 22.

McCann, Thomas A., East Orange, N. J., assignor to American Telephone and Telegraph Company. Telegraph repeating system. 2,109,028; Feb. 22.

McComb, Mary O. (See Lorenzen, Bert L., assignee.)

McCowen, John L. (See Fawcett, H. W., and McCowen.)

McCoy, William K., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Thermocouple system. 2,109,896; Feb. 22.

McCullough, Edward J., New York, N. Y. Oil burner. 2,109,027; Feb. 22.

McDonald, Raymond W., assignor of one-half to C. D. Kaufmann, Washington, D. C. Radio apparatus. 2,109,431; Feb. 22.

McFadden, Rose M., Glendale, Calif. Curler. 2,109,218; Feb. 22.

McGowan, Thomas R. (See Gantner, W. A., and McGowan.)

McInnis, Thomas, et al. (See Heradon, William T., assignor.)

McKeel, Percy D., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Antenna coupling device for five meter receivers. 2,109,219; Feb. 22.

McKim, Charles F., assignor to Industrial Patents Corporation, Chicago, Ill. Pimple removal. 2,108,921; Feb. 22.

McKinney, Edward G., Euid, Okla. System of speed regulation. 2,109,970; Feb. 22.

McKinney, William W. (See Springer, Robert R., assignee.)

McLaughlin, Frank, assignor, by mesne assignments, to Douglas Henderson, Toronto, Ontario, Canada. Closure for collapsible tubes and containers. 2,109,207; Feb. 22.

McMeans, Dewitt C., Lordsburg, N. Mex. Explosive. 2,109,049; Feb. 22.

McMurry, William F., and G. F. Phillips, assignors to Scientific Engineering Corporation, Tulsa, Okla. Hydraulic control for drilling rigs. 2,109,297; Feb. 22.

McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and process for dyeing therewith. 2,108,894; Feb. 22.

McNitt, Willard C., Winnetka, Ill. Tomato juice extractor. 2,109,298; Feb. 22.

Meacham, Benjamin H. and H. M., Lorain, Ohio, assignors to American Stove Company, St. Louis, Mo. Lighter arrangement for gas ranges. 2,109,209; Feb. 22.

Meacham, Edward M. (See Meacham, Benjamin H. and H. M.)

Mehlenbacher, Virgil C., assignor to Industrial Patents Corporation, Chicago, Ill. Stabilization of oil. 2,109,922; Feb. 22.

Meisel, Charles A., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. Securing plate on printing press cylinders. 2,109,153; Feb. 22.

Meisel Press Manufacturing Company. (See Meisel, Charles A., assignor.)

Mendelsohn, Louis H., Paterson, N. J. Stocking. 2,108,923; Feb. 22.

Michael, Ferrie E., Rosel, Kans. Antiflooding attachment for carburetors. 2,109,179; Feb. 22.

Miescher, Karl, Riehen, near Basel. A. Wettstein, and C. Schols, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Esters of testosterone and making same. 2,109,400; Feb. 22.

Miller, Raymond E. (See Farmer, C. C., and Miller.)

Miller, Raymond E., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,108,168; Feb. 22.

Miller, William J., Swissvale, Pa. Process and installation for making pottery. 2,109,026; Feb. 22.

Milwaukee Saw Trimmer Corporation. (See Billker, F. W., and Ball, assignors.)

Miner, W. H., Inc. (See Dentler, Arnold R., assignor.)

Minneapolis-Honeywell Regulator Company. (See Fisher, George H., assignor.)

Mock, Frank C., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 2,109,296; Feb. 22.

Mohun, Meade, San Mateo, Calif. Shoe construction. 2,109,180; Feb. 22.

Moloney, Raymond T. (See Breitenstein, Herbert G., assignor.)

Monsanto Chemical Company. (See Krause, Daniel E., assignor.)

Moore, Perry L. (See Clay, James R., assignor.)

Moore, Joseph G., Runcorn, England, assignor to Imperial Chemical Industries Limited. Chemical composition. 2,109,299; Feb. 22.

Morgan, Joseph T., Cardiff, Wales. Change speed gear mechanism for cycles and the like. 2,108,941; Feb. 22.

Morgenstern, Stefan, Berlin-Charlottenburg, and J. Eggert, Berlin, assignors to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Plastic composition. 2,109,432; Feb. 22.

Morin, Edward J., Omaha, Nebr. Picture storage and display cabinet. 2,109,433; Feb. 22.

Morlock, Emil, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Apparatus for the continuous splitting of fats or oils. 2,108,990; Feb. 22.

Morris, Elmer C., Chicago, Ill. Dispensing device for paper napkins. 2,108,825; Feb. 22.

Morris, Lewis. (See Kopp, F., and Morris.)

Mortensen, Martin, Verdi, Nev. Gate. 2,109,300; Feb. 22.

Morton, Henry J. (See Haskell, R. R., and Morton.)

Motion Picture Electric Products. (See Bardwell, C., Erickson, and Rose, assignors.)

Moyes, Scoris M., assignor of two-fifths to H. M. Stagnaro, Stockton, Calif. Sink partition insert. 2,109,089; Feb. 22.

Muehter, Manfred W., Nutley, assignor to American District Telegraph Company, Jersey City, N. J. Non-interfering successive signaling system. 2,109,273; Feb. 22.

Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Top feed mechanism for sewing machines. 2,109,014; Feb. 22.

Mueller, Otto, assignor of one-half to R. E. Strub, Toledo, Ohio. Mechanical movement. 2,108,991; Feb. 22.

Mugdan, Martin. (See Sirt, J., and Mugdan.)

Muldowney, John, St. Clair, Pa. Automatic cut-off for electric irons. 2,109,181; Feb. 22.

N. V. Philips' Gloeilampenfabrieken. (See Niclaasen, Hans, assignor.)

Nakane, Kazuji, Nada-ku, Kobe, Japan. Apparatus for after-treatment of fresh made rayon thread. 2,109,301; Feb. 22.

Nash, J. M., Company. (See Lippold, Carl J., assignor.)

Nash-Kelvinator Corporation. (See Koerner, Theodore W., assignor.)

National Cash Register Company, The. (See Breitling, Ernst, assignor.)

National Cash Register Company, The. (See Green, Charles W., assignor.)

National Cash Register Company, The. (See Lehmann, K. A., and Breitling, assignors.)

National Pecan Growers Exchange. (See Bullard, W. P., and Guy, assignors.)

National Pecan Growers Exchange. (See Bullard, W. P., and Williams, assignors.)

National Rubber Machinery Company. (See Shook, Florain J., assignor.)

Natkiel, Harry, Bronx, assignor to H. Bergelke, New York, N. Y. Flat hair curler. 2,109,338; Feb. 22.

Naumann, Friedrich K., Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Manufacture of articles from steel alloys. 2,109,118; Feb. 22.

Naumann, Friedrich K. Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Manufacture of articles from steel alloys. 2,109,119; Feb. 22.

Negretto, Sidney H., New Orleans, La. Machine gun cart. 2,108,826; Feb. 22.

Nelson, Bert J. (See Coles, W. H., and Nelson.)

Nelson, David V., Chicago, Ill. Wall construction. 2,109,072; Feb. 22.

Neptune Meter Company. (See Hazard, Charles S., assignor.)

Neptune Meter Company. (See Marden, William L., assignor.)

Nestle-Lemur Company, The. (See Freudenberg, G., and Reimers, assignors.)

Neukirch, Eberhard, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Carbon electrode. 2,109,302; Feb. 22.

Nichols Engineering & Research Corporation. (See Schilling, Frederick B., assignor.)

Niclaasen, Hans, Berlin, Germany, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Tube structure. 2,109,274; Feb. 22.

Nicodemus, Otto, and W. Schmidt, Frankfort-on-the-Main, Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Aminoalkyl-sulphonic acids and preparing them. 2,109,401; Feb. 22.

Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Television scanning system. 2,108,827; Feb. 22.

Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Variable speed television. 2,109,339; Feb. 22.

Niederl, Joseph B. and V., New York, N. Y. Polycyclic phenolic condensation products. 2,109,015; Feb. 22.

Niederl, Victor. (See Niederl, Joseph B. and V.)

Nieman, Marvin B., St. Louis, Mo. Wier terminal lug. 2,109,073; Feb. 22.

Nieuwland, Julius A., and F. J. Sowa, Notre Dame, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. New catalysts. 2,109,340; Feb. 22.

Nilsson, Robert W., assignor to The Mather Spring Company, Toledo, Ohio. Vehicle spring suspension. 2,109,074; Feb. 22.

Nimley, Jacob H., et al., trustees. (See Fisher, John F., assignor.)

Nixon, Anson B., administrator. (See Fisher Lloyd H.)

Noblitt, Quintin G., and E. Ludlow, assignors to Noblitt-Sparks Industries, Inc., Columbus, Ind. Muffler. 2,109,220; Feb. 22.

Noblitt-Sparks Industries, Inc. (See Noblitt, Q. G., and Ludlow, assignors.)

North American Manufacturing Company, The. (See Brown, George R., assignor.)

Norton Company. (See Green, Clarence J., assignor.)

November, Julius, et al. (See Elbaum, Filip, assignor.)

Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Ignition apparatus. 2,109,029; Feb. 22.

Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Ignition apparatus. 2,109,030; Feb. 22.

Oak Manufacturing Company. (See Mastney, Edward J., assignor.)

Obenshain, Noel, Piedmont, W. Va. Device for cutting fruit into sectors. 2,108,992; Feb. 22.

Oberhoffken, Alexander. (See Johnson, J. R., Oberhoffken, and Cotta.)

Ogletree, Hill, Austin, Tex. Cutting implement. 2,109,303; Feb. 22.

Ohlendorf, Heinrich, and E. Baumann, Dessau in Anhalt, and K. Holsach, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Monoazo compounds and their production. 2,109,182; Feb. 22.

Oliver, William J., Los Angeles, Calif. Steak pounder. 2,109,434; Feb. 22.

Olson, Carl E., and J. A. Peterson, Houston, Tex. Tong. 2,108,971; Feb. 22.

Olsson, Rune V. A. (See Brinck, E. J. M., and Olsson.)

O'Neal, James C., Beaumont, Tex., assignor to Gulf Coast Machine & Supply Company. Full hole casing or tubing head. 2,109,031; Feb. 22.

Ormsby, Elon A., Centerville, Calif. Crane. 2,109,304; Feb. 22.
Orner, Arnold E., Bendersville, Pa. Vegetable slicer. 2,108,972; Feb. 22.
Owens-Illinois Glass Company. (See Lauck, A. G., and Johnson, assignors.)
Owens-Illinois Glass Company. (See Slayter, Games, assignor.)
Pacific Clay Products. (See Washo, William, assignor.)
Pacific Pump Works. (See Bigelow, G. E., and Weis, assignors.)
Pardee, Frank, Jr., assignor to Anthracite Separator Company, Hazleton, Pa. Lowering apparatus. 2,109,130; Feb. 22.
Parfex Company, The. (See Williams, William E., assignor.)
Parkinson, Donald, Sutton Coldfield, England, assignor to Dunlop Tire and Rubber Corporation. Pneumatic tire. 2,108,973; Feb. 22.
Patent Button Company, The. (See Anderson, Thomas A., assignor.)
Payne, John H. (See Ley, G. J., Payne, and Akau.)
Peerless Wire Goods Co. (See Schweller, S. M., and Schilling, assignors.)
Pierce, Ralph S., Hinsdale, Ill. Tamperproof seal and production. 2,108,942; Feb. 22.
Pell-Walpole, William T. (See Hanson, D., and Pell-Walpole.)
Pennsylvania Crusher Company. (See Borton, George W., assignor.)
People of the United States, Dedicated to the free use of the. (See Ley, G. J., Payne, and Akau.)
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Automatic volume control. 2,108,899; Feb. 22.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Ultrashort wave oscillation generator circuit. 2,108,900; Feb. 22.
Peterson, Joseph A. (See Olsen, C. E., and Peterson.)
Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway car structure. 2,109,275; Feb. 22.
Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway vehicle structure. 2,109,276; Feb. 22.
Philco Radio & Television Corporation. (See Clark, Edwin L., assignor.)
Phillips, George F. (See McMurry, W. F., and Phillips.)
Phillips, John X. (See Hill, E. G., and Phillips.)
Phillips, S. A., et al. (See Chaplin, Hershel W., assignor.)
Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Traffic direction controlling system for railroads. 2,109,153; Feb. 22.
Photostat Corporation. (See Landrock, Paul, assignor.)
Pier, Mathias, Heidelberg, and B. Engel, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of assistants for the textile and related industries. 2,108,901; Feb. 22.
Piggott, Henry A. (See Lawrie, L. G., Reynolds, and Piggott.)
Pilkington, William. (See Sansome, Ralph D., assignor.)
Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. High duty fuse switch. 2,109,090; Feb. 22.
Place, Elon C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Carpet fastener. 2,109,402; Feb. 22.
Pleiss, Walter H., Ludington, Mich. Towel rack. 2,109,032; Feb. 22.
Podbielniak, Walter J., Chicago, Ill. Apparatus for effecting counter-current contact between fluids. 2,109,375; Feb. 22.
Pond, Paul J. (See Hinds, James W., assignor.)
Potter, Albert T., Detroit, Mich., assignor to Ainsworth Manufacturing Corporation. Windshield operating device. 2,109,256; Feb. 22.
Potter, Albert T., Detroit, Mich., assignor to Ainsworth Manufacturing Corporation. Windshield operating device. 2,109,257; Feb. 22.
Press, Carl, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,109,091; Feb. 22.
Price, Mitchell D., Miami, Fla. Game and projectile therefor. 2,109,120; Feb. 22.
Procter & Schwarz, Incorporated. (See Bogaty, Hermann S., assignor.)
Procter & Schwarz, Incorporated. (See Hurxthal, Alpheus O., assignor.)
Pryor, James N., Baltimore, Md. Coin controlled mechanism. 2,108,943; Feb. 22.
Putman, Henry V. Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,109,221; Feb. 22.
Pyrate Corporation of Nevada, The. (See Ruth, Harold M., assignor.)
Quaker Hosiery Company. (See Smetana, Otto F., assignor.)
Quick, Cecil G., D. A. Ball, and W. A. Whitehead, London, England, assignors to R. Hoe & Co., Inc., New York, N. Y. Mechanism for delivering articles in counted bundles. 2,109,050; Feb. 22.
Quidas, Frederick W., New York, N. Y. Advertising device. 2,108,828; Feb. 22.
Quintavalle, Umberto, assignor to Fabbrica Italiana Magneti Marelli Soc. An., Milan, Italy. Ignition magneto. 2,108,924; Feb. 22.
Radio Corporation of America. (See Braden, Rene A., assignor.)
Radio Corporation of America. (See Karolus, August, assignor.)
Radio Corporation of America. (See Kroger, Fred H., assignor.)
Radio Corporation of America. (See Mathieu, Gaston A., assignor.)
Radio Corporation of America. (See Peterson, Harold O., assignor.)
Radio Corporation of America. (See Wright, George M., assignor.)
Ragatz, Edward G., assignor to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for stabilising hydrocarbons. 2,109,201; Feb. 22.
Ramsey, Allan, Evanston, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Cut-out. 2,108,903; Feb. 22.
Ranco Incorporated. (See Raney, Estel C., assignor.)
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Refrigerating apparatus. 2,109,202; Feb. 22.
Ransome, Stafford M., assignor to Barber-Colman Company, Rockford, Ill. Precision motion-transmission mechanism. 2,109,033; Feb. 22.
Rasmussen, Charles H., assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Dispensing package. 2,108,902; Feb. 22.
Raynor, Harry A., Nottingham, England. Knitted fabric and the production thereof. 2,108,925; Feb. 22.
Rebl, Carl, Brooklyn, N. Y. Electric lighting apparatus. 2,109,341; Feb. 22.
Rebl, Carl, Brooklyn, N. Y. Printing attachment for pencils. 2,109,342; Feb. 22.
Reconstruction Finance Corporation. (See Small, Thomas W., assignor.)
Reiber, Edward W., Miami, Fla. Storm shutter. 2,108,926; Feb. 22.
Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Intermittent inductive train control system. 2,109,154; Feb. 22.
Reichhold Helmuth. (See Hovey, A. G., and Hodgins, assignors.)
Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Forming jewelry mountings or the like. 2,109,376; Feb. 22.
Reimers, Alfred E. (See Freundenburg, G., and Reimers.)
Rein, Hanns. (See von Weinberg, A., Rein, and Eisenhut.)
Reiter, Hymin, New York, N. Y. Suspenders. 2,109,343; Feb. 22.
Renshaw, Everett L. (See Gearhart, R. E., and Renshaw.)
Reppe, Walter, F. Hoelscher, and A. Schneevoigt, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuff printing paste. 2,108,994; Feb. 22.
Republic Steel Corporation, The. (See Horn, Ralph B., assignor.)
Reynolds, Reginald J. W. (See Lawrie, L. G., Reynolds, and Piggott.)
Rheem, Richard S., Oakland, Calif., assignor to Rheem Manufacturing Company. Closing and reenforcing ring unit. 2,108,944; Feb. 22.
Rheem Manufacturing Company. (See Rheem, Richard S., assignor.)
Riberdy, William L. Pull cord attaching device. 2,109,051; Feb. 22.
Rice, Virginia M., Monticello, Ind. Mannequin. 2,108,927; Feb. 22.
Richter, Gus, New York, N. Y. Garment hanger and folder. 2,109,141; Feb. 22.
Richter, Max, West Reading, and J. Bareiss, assignors to Textile Machine Works, Wyomissing, Pa. Automatic spindle resetting mechanism. 2,109,140; Feb. 22.
Ringer, Henry, Blasdell, N. Y. Camping implement. 2,109,016; Feb. 22.
Ritter, Julius, Jr., and S. Essmus, assignors to Hartmann Trunk Company, Racine, Wis. Luggage case. 2,108,903; Feb. 22.
Rival Manufacturing Company. (See Rupert, Richard, assignor.)
Roan Manufacturing Company. (See Jorgenson, Arthur P., assignor.)
Rochester Telephone Corporation. (See Vincent, William J., assignor.)
Rodrigues, Octavius V., Passaic, N. J., assignor to Magazine Repeating Razor Company, New York, N. Y. Magazine for razor blades. 2,109,017; Feb. 22.
Roe, Arthur. (See Kroft, V. E., and Roe.)
Roll, Walter H., Kansas City, Mo., assignor of one-third to D. G. Dayton, Omaha, Nebr., and one-third to F. C. Hutchison, Kansas City, Mo. Trinket. 2,109,092; Feb. 22.
Roos, Hans, Leverkusen, I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Manufacture of azo dyestuffs. 2,109,163; Feb. 22.
Rose, Carl G. (See Boyer, J. A., and Rose.)
Rose, Jess C. (See Bardwell, C., Erickson, and Rose.)
Rosen, Abraham W., New York, N. Y. Clamping means for mirrors for motor vehicles. 2,109,142; Feb. 22.
Rosenfeld, Max L. (See MacDonald, William W., assignor.)

Rossman, Joseph, and C. L. Wagner, assignors to Marathon Paper Mills Company, Rothschild, Wis. Packaging sliced cheese. 2,109,093; Feb. 22.
Rousey, Louis, Paris, and R. Trubert, Virofiay, France. Guiding toy vehicles. 2,109,403; Feb. 22.
Ruben, Samuel, New Rochelle, N. Y. Electrical condenser. 2,108,995; Feb. 22.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Polymerisation of rosin. 2,108,928; Feb. 22.
Rumsey, John C., assignor to The Rumsey Junior Vehicle Company, Lawrence, Kans. Chariot vehicle. 2,108,868; Feb. 22.
Rumsey Junior Vehicle Company. (See Rumsey, John C., assignor.)
Runge, Arnold, Villa Ballester, Buenos Aires, Argentina. Storage tank for liquids. 2,108,945; Feb. 22.
Rupert, Richard, assignor to F. L. Talge, Kansas City, Mo., operating as Rival Manufacturing Company. Vegetable cutter or grater. 2,109,358; Feb. 22.
Ruth, Harold M., Huntington Park, Calif., assignor to The Pyrate Corporation of Nevada. Device for cleaning tanks and the like. 2,109,075; Feb. 22.
Ryder, John D., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring and controlling apparatus. 2,109,222; Feb. 22.
St. Pierre, Henry, Worcester, Mass. Cross chain. 2,109,038; Feb. 22.
Sadtler, Robert E., Cincinnati, Ohio. Roof structure. 2,109,447; Feb. 22.
Sandmeyer, Ernest R., Yakima, Wash. Fruit sorting and packing system. 2,108,899; Feb. 22.
Sansome, Ralph D., Birmingham, assignor of one-half to W. Pilkington, Wylde Green, England. Producing a cast article with a facing of sheet metal. 2,108,996; Feb. 22.
Save Electric Corporation. (See Calkins, L. E., and Levi, assignors.)
Sawtelle, Charles A. (See Main, F. L., and Sawtelle.)
Sawyer, Leonard H., Royal, Nebr. Timber blasting device. 2,109,435; Feb. 22.
Schafer, John V., assignor to Bronson Reel Company, Bronson, Mich. Jewel mount. 2,109,035; Feb. 22.
Schering-Kahlbaum A. G. (See Wolff, Fritz, assignor.)
Schilling, Ernest H. (See Schweller, S. M., and Schilling.)
Schilling, Frederick B., Bayside, N. Y., assignor to Nichols Engineering & Research Corporation. Incineration of waste materials. 2,108,997; Feb. 22.
Schmidt, Hartman F., Unionville, Conn. Woven fabric. 2,109,223; Feb. 22.
Schmidt, Karl C., Western Springs, Ill., assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,109,277; Feb. 22.
Schmidt, Karl C., Western Springs, Ill., assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,109,278; Feb. 22.
Schmidt, Walter. (See Nicodemus, O., and Schmidt.)
Schneevoigt, Alwin. (See Reppe, W., Hoelscher, and Schneevoigt.)
Schneider, Helmuth G. (See Archibald, F. M., and Schneider.)
Schoenbucher, Frank C., Milwaukee, Wis. Hydroaeroplane. 2,109,320; Feb. 22.
Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Air control means for combustion apparatus. 2,109,239; Feb. 22.
Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Air control means for combustion apparatus. 2,109,240; Feb. 22.
Schols, Caesar. (See Miescher, K., Wettstein, and Schols.)
Schori, Fritz, Wetzikon, Switzerland. Apparatus for fusing and spraying pulverized substances. 2,108,998; Feb. 22.
Schott, Lionel, East Orange, N. J., assignor to American Telephone and Telegraph Company. Two-way signaling system. 2,108,974; Feb. 22.
Schowengerdt, Victor, Chamois, Mo. Harvester and thresher. 2,109,436; Feb. 22.
Schreiber-Gastell, Richard. (See Formhals, Anton, assignor.)
Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television. 2,109,321; Feb. 22.
Schubert & Salzer Maschinenfabrik Aktiengesellschaft. (See Heinits, Woldemar, assignor.)
Schweitzer & Conrad, Inc. (See Ramsey, Allan, assignor.)
Schweller, Sylvester M., Dayton, Ohio, and E. H. Schilling; said Schilling assignor to Peerless Wire Goods Co., Inc., La Fayette, Ind., and said Schweller assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,109,052; Feb. 22.
Schwentler, Francis E., St. Louis, Mo., assignor to The American Brake Company, Wilmerding, Pa. Automatic slack adjuster. 2,109,036; Feb. 22.
Schwentler, Francis E., St. Louis, Mo., assignor to The American Brake Company, Wilmerding, Pa. Automatic slack adjuster. 2,109,037; Feb. 22.
Scientific Engineering Corporation. (See McMurry, W. F., and Phillips, assignors.)
Scott Paper Company. (See Corbin, Wesley S., assignor.)
Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing. 2,109,053; Feb. 22.
Seifer, Morton E., New York, N. Y., assignor, by mesne assignments, to Stanley Patents, Inc. Handle and locking member for pasteboard containers and the like. 2,109,034; Feb. 22.
Seifer, Theo, Berlin, Germany. Hydraulic boring mechanism. 2,108,946; Feb. 22.
Seifer, Theo, Berlin, Germany. Hydraulic motor for deep-boring mechanisms. 2,108,947; Feb. 22.
Seifert, George, Beverly Hills Township, Los Angeles County, Calif. Box-making machine. 2,109,359; Feb. 22.
Sekella, Youston, assignor to Eclipse Machine Company, Elmira, N. Y. Engine starter drive member. 2,109,155; Feb. 22.
Selger, Henry L., Newton, N. J. Ground joint pipe coupling. 2,109,344; Feb. 22.
Sereda, Alois T., Chicago, Ill. Vehicle signal. 2,109,184; Feb. 22.
Sessions, Donald W., Willesden, London, England. Hydraulic jacking system for vehicles. 2,109,238; Feb. 22.
Shakter, Louis, Brooklyn, assignor of fifty percent to F. Zoldo, New York, N. Y. Reversible setting. 2,108,904; Feb. 22.
Sheli Development Company. (See Tijmstra, Sijbren, assignor.)
Sheer, Harry, Brooklyn, N. Y. Metallic attachment. 2,108,905; Feb. 22.
Sheldon, Howard W., Clarksboro, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for the recovery of sulphuric acid. 2,108,870; Feb. 22.
Shook, Florain J., assignor to National Rubber Machinery Company, Akron, Ohio. Tire building apparatus. 2,109,437; Feb. 22.
Shurley, Frederick, Salt Lake City, Utah, assignor to Ceramic Machinery Distributors Limited, Windsor, Ontario, Canada. Conveyer apparatus. 2,109,360; Feb. 22.
Siemens & Halske, Aktiengesellschaft. (See Kaden, H., Thomas, and Wassmansdorff, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Thal, Wilhelm, assignor.)
Silverman, Herman, New York, N. Y. Ornamental adjustable shoulder strap. 2,109,345; Feb. 22.
Simpson, Clarence E. (See Hoppert, F. D., Bull, and Simpson.)
Sisley, Leslie J., and F. J. White, Seattle, Wash., assignors to Fisher Flouring Mills Co. Mixing machine. 2,108,999; Feb. 22.
Sixt, Johann, and M. Mugdan, assignors to Consortium für Elektrochemische Industrie, G. m. b. H., Munich, Germany. Producing ketene. 2,108,829; Feb. 22.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,108,830; Feb. 22.
Skinner Irrigation Company, The. (See Coles, W. H., and Nelson, assignors.)
Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Sealing apparatus. 2,109,258; Feb. 22.
Sloane-Blabon Corporation. (See Koenig, Walter J., assignor.)
Small, Thomas W., Fort Wayne, Ind., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Automatic record changing phonograph. 2,109,322; Feb. 22.
Smalley, Henry L., Chicago, Ill., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Checkerwork. 2,108,871; Feb. 22.
Smeal, Ellis K., Morrisdale, assignor of one-half to J. Little, Philipsburg, Pa. Roadway snow excavator. 2,109,094; Feb. 22.
Smetana, Otto F., assignor to Quaker Hosiery Company, Philadelphia, Pa. Stocking and making the same. 2,109,156; Feb. 22.
Smith, John F., Quincy, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Shoe cementing apparatus. 2,109,323; Feb. 22.
Smith, Lloyd A. (See Brooker, L. G. S., and Smith.)
Smith, Robert L. H., Mottingham, London, England. Testing of lubrication and wear. 2,108,948; Feb. 22.
Snyder, Kirby T., Los Angeles, Calif. Fastener. 2,108,831; Feb. 22.
Snyder, Leonard L., Southgate, Calif., assignor to Elliott Core Drilling Company. Valve head structure for core barrels. 2,108,949; Feb. 22.
Soabar Company. (See Henry, George W., Jr., assignor.)
Societe Carbochimique. Societe Anonyme. (See Ferrero, P., Vandendries, and Berbé, assignors.)
Société d'Inventions Aéronautiques et Mécaniques S. I. A. M. (See Levy, René L., assignor.)
Society of Chemical Industry in Basle. (See Kambli, Eduard, assignor.)
Society of Chemical Industry in Basle. (See Miescher, K., Wettstein, and Schols, assignors.)
Socony-Vacuum Oil Company. (See Sheldon, Howard W., assignor.)
Solvay Process Company, The. (See Beekley, Herman A., Jr., assignor.)
Somers, Frank J. (See Farnsworth, P. T., and [illegible].)
Soreng, Edgar M., Chicago, Ill., and C. Will, assignors to Tropic-Aire, Incorporated, Minneapolis, Minn. Switch. 2,109,054; Feb. 22.

Sorensen, Henry P., Detroit, Mich. Reinforcing nut. 2,108,978; Feb. 22.
Southern Wood Preserving Company. (See Deiters, August M., assignor.)
Southern Wood Preserving Company. (See Deiters, A. M., and Gillen, assignors.)
Soverhill, Harvey A., Chicago, Ill., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Electric heater. 2,109,279; Feb. 22.
Sowa, Frank J. (See Nieuwland, J. A., and Sowa.)
Spande, Alton, Mabel, Minn. Cultivator shovel positioning mechanism. 2,109,055; Feb. 22.
Speckhart, Stephen J., Maplewood, and R. Herger, Irvington, N. J. Capsule filling machine. 2,108,906; Feb. 22.
Spencer, Herman J., West View, Pa. Stapling mechanism. 2,109,203; Feb. 22.
Spiegel, Yetta, New York, N. Y. Safety device for homes. 2,109,361; Feb. 22.
Spofford, Robert W. (See Gillé, Earl S. and B. D., assignors.)
Springer, Robert R., assignor of one-half to W. W. McKinney, Harrison, Ark. Bun slicing machine. 2,109,138; Feb. 22.
Staats, Byron H. (See Bennett, C. W., and Staats.)
Staguaro, Eugene M. (See Moyes, Seoris M., assignor.)
Standard Alcohol Company. (See Archibald, F. M., and Schneider, assignors.)
Standard-Knapp Corporation. (See Kimball, W. D., and Brarens, assignors.)
Standard Oil Development Company. (See Wasson, Jones I., assignor.)
Stearns Magnetic Manufacturing Company. (See Stearns, R. H., and Kiekhaefer, assignors.)
Stearns, Roswell H., and E. C. Kiekhaefer, assignors to Stearns Magnetic Manufacturing Company, Milwaukee, Wis. Electromagnetic separator. 2,109,076; Feb. 22.
Steel Products Engineering Company, The. (See Scholl, Clark, assignor.)
Stickless Corporation, The. (See Lichter, Malvin, assignor.)
Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,108,832; Feb. 22.
Stine, Paul J., Sanford, Fla. Clamp truck. 2,109,305; Feb. 22.
Stober, Albert, Berlin-Pankow, Germany. Clip for the adjustable attachment of partitions in showcases and the like. 2,108,950; Feb. 22.
Stockwell, Alexander M. (See Wilcox, E. M., and Stockwell.)
Stokes, F. J., Machine Company. (See Westin, Charles J., assignor.)
Straetan, Charles L., assignor to Industrial Patents Corporation, Chicago, Ill. Package paster. 2,108,929; Feb. 22.
Straight, Halver R., Adel, Iowa. Mixing a plastic material. 2,109,077; Feb. 22.
Stanley Patents, Inc. (See Seifer, Morton E., assignor.)
Stimmel, Stanton C. (See Warren, William W., assignor.)
Stroink, Herbert, assignor to Baumwollspinnerei Gronau, Gronau, Germany. Double three-roller drawing frame. 2,108,930; Feb. 22.
Strub, Robert R. (See Mueller, Otto, assignor.)
Surgident, Ltd. (See Van Roosen, Walter J., assignor.)
Swallow, Charles E., Worcester, Mass. Oil burner. 2,109,372; Feb. 22.
Swearingen, Clair Y., Chattanooga, Tenn. Chlorinator. 2,109,439; Feb. 22.
Symington-Gould Corporation. (See Barrows, Donald S., assignor.)
Symington-Gould Corporation, The. (See Kadel, Byers W., assignor.)
Talge, Foster L. (See Rupert, Richard, assignor.)
Talmage, John H., assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,109,241; Feb. 22.
Tebbett, John T., Three Rivers, Quebec, Canada. Shoe. 2,109,324; Feb. 22.
Teeple, Lawrence R., Portland, Oreg. Pneumatic control for air supplied to a stoker. 2,108,873; Feb. 22.
Telefunken (Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, Fritz, assignor.)
Teller, Fritz. (See Hopf, H., Garbsch, and Teller.)
Te Pas, Edmund J., Rocky River, assignor to W. A. Frantz, Cleveland Heights, Ohio. Attachment plug. 2,108,907; Feb. 22.
Teppema, Jan, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Mercaptazole derivatives and their preparation. 2,109,158; Feb. 22.
Ternstadt Manufacturing Company. (See Hickman, John G., assignor.)
Terso, John. (See Terso, Natale, assignor.)
Terso, Natale, assignor to J. Terso, New York, N. Y. Support and gauge for curtain rods. 2,109,346; Feb. 22.
Texas Company, The. (See Kendall, Marcus T., assignor.)
Textile Machine Works. (See Richter, M., and Bareiss, assignors.)
Thal, Wilhelm, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. System for measuring a component of an alternating current or an alternating voltage. 2,109,325; Feb. 22.
Theiss, Herbert C., St. Louis, Mo. Dust guard for journal boxes on railroad trucks. 2,108,874; Feb. 22.
Thomas, Paul. (See Kaden, H., Thomas, and Wassmansdorff.)
Thompson, Abel. (See Chilstrom, G. E., and Thompson.)
Thompson, Albert E., assignor to Food Machinery Corporation, San Jose, Calif. Cutting machine. 2,108,961; Feb. 22.
Thompson, Charles H., Sacramento, Calif. Internal combustion engine. 2,109,185; Feb. 22.
Thompson, Sigurd E. (See Furnas, W. C., and Thompson.)
Thorold, Frederick W., assignor to Chisholm-Ryder Co., Inc., Niagara Falls, N. Y. Method and apparatus for grading particles differing in specific gravity. 2,109,121; Feb. 22.
Thurber, William G., Santa Monica, Calif. Facial mask. 2,109,018; Feb. 22.
Tijmstra, Sijbren, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Solvent extraction process. 2,109,157; Feb. 22.
Titus, Thomas L., assignor to The Wyott Manufacturing Company, Cheyenne, Wyo. Liquid pump. 2,109,224; Feb. 22.
Toledo Scale Manufacturing Company. (See Waltz, Foster V., assignor.)
Tollison, Paul L., Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Synchronization indicating device. 2,109,362; Feb. 22.
Trepanier, Ivan, Waterbury, Conn. Electric clock mechanism. 2,108,931; Feb. 22.
Trut-O-Lite Company, The. (See De Groote, M., Keiser, Faure, and Wirtel, assignors.)
Trevellyan, Vernon B., assignor to Cleanser Products, Inc., Chicago, Ill. Pad holder. 2,109,404; Feb. 22.
Tricomi, Agatino and R. B., Brooklyn, N. Y. Steam-electric pressing iron. 2,109,326; Feb. 22.
Tricomi, Edward B. (See Tricomi, Agatino and E. B.)
Tropic-Aire, Incorporated. (See Sorong, E. M., and Will, assignors.)
Trubert, René. (See Rouzey, L., and Trubert.)
Trumbull Electric Manufacturing Company, The. (See Carlson, John E., assignor.)
Tullis, Boyd W., Wichita, Kans. Vaporising generator. 2,108,908; Feb. 22.
Turner, Howard H., Hawthorne, assignor of one-half to E. E. Larson, Inglewood, Calif. Stove top. 2,109,039; Feb. 22.
Tuttle, Loren W. (See Markel, M. G., and Tuttle.)
Twomley, Herbert E., Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Box press. 2,109,040; Feb. 22.
Udy, Marvin J., Niagara Falls, N. Y. Making ferrochromium. 2,109,122; Feb. 22.
Uhlemann, William E., Evanston, Ill. Eyeglasses. 2,108,875; Feb. 22.
Ulrey, Dayton, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Aging vacuum tubes. 2,109,225; Feb. 22.
Underwood Elliott Fisher Company. (See Stickney, Burnham C., assignor.)
Union Carbide and Carbon Company. (See Jacobsson, Wilgot J., assignor.)
Union Oil Company of California. (See Aldridge, B. G., and Hopper, assignors.)
Union Oil Company of California. (See Dillon, Lyle, assignor.)
Union Oil Company of California. (See Fisher, Harmon F., assignor.)
Union Oil Company of California. (See Ragatz, Edward G., assignor.)
United Autographic Register Co. (See Euth, John E., assignor.)
United Autographic Register Co. (See Jensen, Louis, assignor.)
United-Carr Fastener Corporation. (See Fearing, Allen C., assignor.)
United Shoe Machinery Corporation. (See Bazzoni, Lewis J., assignor.)
United Shoe Machinery Corporation. (See Engel, Karl, assignor.)
United Shoe Machinery Corporation. (See Fromm, Otto W., assignor.)
United Shoe Machinery Corporation. (See Kamborian, Jacob S., assignor.)
Urban, John, West New York, N. J. Striping tool. 2,108,952; Feb. 22.
v. Bock, Bernd. (See Holzach, K., Winter, and v Bock.)
Vandendries, Cornelie. (See Ferrero, P., Vandendries, and Berbé, assignors.)
Vandoren, Bernard J., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,108,876; Feb. 22.
Van Roosen, Walter J., West Los Angeles, assignor to Surgident, Ltd., West Hollywood, Calif. Flexible package for hydrocolloid impression materials. 2,108,953; Feb. 22.
Veeder, Curtis H., Hartford, Conn. Theodolite. 2,109,186; Feb. 22.
Victor Adding Machine Company. (See Garbell, Max, assignor.)
Villerup, Chris J., Glasgow, Mont. Tractor truck loader. 2,109,440; Feb. 22.
Vincent, George P., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of chlorine dioxide. 2,108,976; Feb. 22.
Vincent, William J., assignor to Rochester Telephone Corporation, Rochester, N. Y. Telephone system. 2,109,909; Feb. 22.
Vogel, Joseph A., Wilmington, Del. Frostproof hydrant. 2,109,187; Feb. 22.

Volck, William H., Watsonville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Insecticidal oil composition. 2,109,059; Feb. 22.
Von Segebaden, Ernst, Drottningholm, and B. Johnson Alsten, assignors to Aktiebolaget Gasb. Arsane Mekaniska Verkstad, Stockholm, Sweden. Method of and apparatus for applying closure caps to receptacles. 2,108,932; Feb. 22.
Von Weinberg, Arthur, Frankfort-on-the-Main, H. Rein, Bad Homburg V. D. H., and O. Haushut, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Wool-like artificial fibers and making same. 2,109,206; Feb. 22.
Von Weinberg, Arthur, Frankfort-on-the-Main, H. Rein, Bad Homburg V. D. H., and O. Haushut, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Making wool-like artificial fibers. 2,109,207; Feb. 22.
Von Wilmowsky, Felix F., New York, N. Y. Apparatus for conditioning air. 2,109,019; Feb. 22.
Vuillerme, Marcel, Paris, France. Cooling and filtering liquids. 2,108,977; Feb. 22.
Wagner, Charley L. (See Eeeman, J., and Wagner.)
Wagner, Lewis E., United States Navy. Apparatus for testing ignition circuits. 2,108,935; Feb. 22.
Waldo, Theron L., Jr., Bath, N. Y. Making signs. 2,109,000; Feb. 22.
Wales, Fred A., Detroit, Mich. Rack. 2,108,978; Feb. 22.
Wallace, James D., Washington, D. C. Telegraphic keying circuit. 2,108,833; Feb. 22.
Walpole, John P., Jackson Heights, N. Y. Stand for cordless electric irons. 2,108,834; Feb. 22.
Walsh, Carroll H. (See Pittman, E. E., and Walsh.)
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Preparing fiber containers. 2,108,910; Feb. 22.
Waltz, Foster V., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,109,001; Feb. 22.
Wandell, James W., assignor to Browne-Vintners Co., Inc., New York, N. Y. Bottle valve. 2,108,933; Feb. 22.
Warren, William W., Pittsburgh, assignor of one-half to S. C. Stimmel, Fox Chapel, Pa. Refrigerator. 2,109,002; Feb. 22.
Washo, William, Los Angeles, Calif., assignor to Pacific Clay Products. Casting clay pipe. 2,109,078; Feb. 22.
Wasserlauf, Adolph. (See Green, Harry, assignor.)
Wassmansdorff, Hans. (See Kaden, H., Thomas, and Wassmansdorff.)
Wasson, Jones I., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricating composition. 2,108,954; Feb. 22.
Weis, Arthur R. (See Bigelow, G. R., and Weis.)
Welch, Clifton, Pensacola, Fla., assignor, by mesne assignments, to Jack A. Goodman, Columbus, Ohio. Installing and assembling wallboards. 2,109,448; Feb. 22.
Wernäll, Karl J., Alsten, Sweden. Friction clutch. 2,109,405; Feb. 22.
Wernäll, Karl J., Alsten, Sweden. Friction clutch. 2,109,406; Feb. 22.
Wesson, Alexander J. (See Ellis, G. H., and Wesson.)
Westin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Tablet packaging machine. 2,109,407; Feb. 22.
Westinghouse Air Brake Company, The. (See Aikman, Burton S., assignor.)
Westinghouse Air Brake Company, The. (See Cook, H. S., and Hewitt, assignors.)
Westinghouse Electric & Manufacturing Company. (See Cook, Willard G., assignor.)
Westinghouse Air Brake Company. (See Farmer, C. C., and Hewitt, assignors.)
Westinghouse Air Brake Company. (See Farmer, C. C., and Miller, assignors.)
Westinghouse Air Brake Company, The. (See Hewitt, Ellis S., assignor.)
Westinghouse Air Brake Company, The. (See Logan, John W., Jr., assignor.)
Westinghouse Air Brake Company, The. (See Mautsch, Robert H., assignor.)
Westinghouse Air Brake Company, The. (See Miller, Raymond R., assignor.)
Westinghouse Electric Elevator Company. (See Dunlop, James, assignor.)
Westinghouse Electric & Manufacturing Company. (See Austin, Walter M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dyer, Lloyd W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ehrgott, Karl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Harder, Edwin L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hufstutter, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See McKeel, Percy D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Putman, Henry V., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ulrey, Dayton, assignor.)
Westinghouse Electric & Manufacturing Company. (See Zworykin, Vladimir K., assignor.)
Wettlaufer, William L., Buffalo, N. Y. Testing device. 2,108,977; Feb. 22.
Wettstein, Albert. (See Mascher, K., Wettstein, and Schulz.)
Wetzel, Eugen, Haltingen, Bade, Germany. Fountain pen for concentrated ink. 2,108,911; Feb. 22.
White, Benjamin B., and C. H. Young, assignor of one-third to E. F. P. Brigham, Miami, Fla. Guard roller for sweeping machines. 2,109,123; Feb. 22.
White, Frank J. (See Sisley, L. J., and White.)
Whitehead & Kales Company. (See Judd, Irving H., assignor.)
Whitehead, William A. (See Quick, C. G., Ball, and Whitehead.)
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Artificial textile material and making same. 2,108,836; Feb. 22.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Textile material containing organic esters of cellulose and preparing same. 2,108,837; Feb. 22.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Artificial material having modified characteristics and making same. 2,108,838; Feb. 22.
Wilcox, Edgar M., Chicago, Ill., and A. M. Stockwell, Elkhart, Ind. Fuel feeding device for locomotives or the like. 2,109,242; Feb. 22.
Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Valve. 2,108,979; Feb. 22.
Wilford, Edward B., Merion, and E. Daland, Philadelphia, Pa. Aircraft. 2,108,839; Feb. 22.
Will, Carl. (See Sorong, E. M., and Will, assignors.)
Williams, Oswell L. (See Ballard, W. P., and Williams.)
Williams, William E., Los Angeles, Calif., assignor to The Partex Company. Coffeepot. 2,109,363; Feb. 22.
Wills, Noble G., Connersville, Ind. Dental model surveyor. 2,108,980; Feb. 22.
Wilson-Jones Company. (See Talmage, John H., assignor.)
Wilson, Lee, Cleveland, Ohio. Method and apparatus for annealing strips. 2,109,204; Feb. 22.
Winans, Charles F., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparing furfurylamines. 2,109,159; Feb. 22.
Wingfoot Corporation. (See Clifford, Albert M., assignor.)
Wingfoot Corporation. (See Cramer, Howard I., assignor.)
Wingfoot Corporation. (See Gould, Phinetus E., assignor.)
Wingfoot Corporation. (See Teppema, Jan, assignor.)
Wingfoot Corporation. (See Winans, Charles F., assignor.)
Winter, Carl. (See Holzach, K., Winter, and v. Bock.)
Wirtel, Arthur F. (See De Groote, M., Keiser, Faure, and Wirtel.)
Wirth, Emil O. (See Chandler, M. E., and Wirth.)
Wirthsen Associates, Inc. (See Larsen, Louis G., assignor.)
Wolff, Fritz, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Dry disinfectant for seeds. 2,109,143; Feb. 22.
Wolsifer, John V., Indianapolis, Ind. Furnace. 2,109,243; Feb. 22.
Wood Newspaper Machinery Corporation. (See Tollison, Paul L., assignor.)
Woodward, Ralph, Leicester, Mass. Machine for producing raised printing. 2,109,206; Feb. 22.
Wright, George M., Chelmsford, England, assignor to Radio Corporation of America. Radio receiving system. 2,108,878; Feb. 22.
Wright, William S., Newark, Ohio, assignor to Bendix Products Corporation, South Bend, Ind. Automatic clutch release. 2,109,096; Feb. 22.
Wyott Manufacturing Company, The. (See Titus, Thomas L., assignor.)
Yirava, Charles R., Cleveland, Ohio. Portable dispensing apparatus. 2,109,250; Feb. 22.
Young, Charles H. (See White, B. B., and Young.)
Young, Essel G., Detroit, Mich. Dough pressing machine. 2,109,124; Feb. 22.
Young, Harland H., Jr., assignor to Industrial Patents Corporation, Chicago, Ill. Defoaming method and means. 2,108,912; Feb. 22.
Yurkovich, Anton M., Cleveland, Ohio. Auto window screen. 2,109,160; Feb. 22.
Zajicek, Frank, New York, N. Y. Instrument for curling the lashes of an eye. 2,109,244; Feb. 22.
Zeigler, Jacob B. (See Zeigler, Kenneth O. and J. B.)
Zeigler, Kenneth O. and J. B., Salem Ohio. Broiling apparatus. 2,109,079; Feb. 22.
Zerweck, Werner, W. Kunze, and W. Brunner, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 4-hydroxynaphthostyrile compounds. 2,108,879; Feb. 22.
Zoldo, Frank. (See Shakter, Louis, assignor.)
Zublin, John A., Los Angeles, Calif. Fluid passage for drilling tools. 2,108,845; Feb. 22.
Zublin, John A., Los Angeles, Calif. Rotary [illegible] tool with rolling cutters. 2,108,846; Feb. 22.
Zworykin, Vladimir K., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Vacuum tube. 2,109,245; Feb. 22.

LIST OF REISSUE INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 22D DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Brake drum, Composite. F. W. Schmidt. Re. 20,661; Feb. 22.
Burner, Gas. F. H. Schneider. Re. 20,662; Feb. 22.
Coating and apparatus therefor and product, Method of. E. C. Schacht. Re. 20,660; Feb. 22.
Control system for electric motors, Automatic. C. M. Knight. Re. 20,658; Feb. 22.
Floor polishing device. J. Glover. Re. 20,657; Feb. 22.
Refrigerating apparatus. B. B. Geyer. Re. 20,656; Feb. 22.
Vehicle direction indicator. A. D. Riggs. Re. 20,659; Feb. 22.

LIST OF DESIGN INVENTIONS

Ashtray and cigarette package opener, Combined. H. Flohr. 108,539; Feb. 22.
Bathing suit or similar article. D. Watinsky. 108,600; Feb. 22.
Belt buckle. R. Slote. 108,555; Feb. 22.
Bonnet. W. P. Fortune. 108,509; Feb. 22.
Bottle. E. W. Fuerst. 108,593; Feb. 22.
Box, Display. R. A. Nagle. 108,605–6; Feb. 22.
Bracelet or similar article. W. W. Hobé. 108,545; Feb. 22.
Bracket for a map or similar article. A. E. MacQuarrie. 108,596; Feb. 22.
Bridge for an ophthalmic mounting. E. M. Splaine. 108,584; Feb. 22.
Brooch or similar article. F. di Verdura. 108,536–7; Feb. 22.
Brooch or the like. N. Barbieri. 108,533–4; Feb. 22.
Brush or similar article, Lip. C. A. Mureau. 108,577; Feb. 22.
Building or the like, Service station. J. F. Cheney. 108,535; Feb. 22.
Building, Resort. T. R. Morgan. 108,550; Feb. 22.
Cabinet, Display. F. F. Melvin and B. C. Howell. 108,597; Feb. 22.
Case, Article display. T. J. Pilliod. 108,580; Feb. 22.
Case or similar article, Vanity. D. H. Zell. 108,590; Feb. 22.
Casing for electric clipper or the like, Handle. J. A. Hanley. 108,542; Feb. 22.
Clock face. W. D. Teague. 108,586; Feb. 22.
Coat. H. Miller. 108,601; Feb. 22.
Compact. S. E. Wallace. 108,589; Feb. 22.
Confection and handle, Combined frozen. M. Lasow. 108,540; Feb. 22.
Dispenser for interfolded sheets. F. L. Broeren, B. T. Hoffmaster, and A. S. Krueger. 108,561; Feb. 22.
Dispenser for paper napkins. F. L. Broeren and S. N. Hope. 108,560; Feb. 22.
Dispenser, Token. W. J. Taylor. 108,585; Feb. 22.
Doll. F. H. Morehead. 108,576; Feb. 22.
Dress. F. M. B. Burns. 108,604; Feb. 22.
Dress. M. White. 108,598; Feb. 22.
Dress ensemble. A. Engel. 108,568; Feb. 22.
Dress, Ensemble. J. Tuman. 108,607–8; Feb. 22.
Escutcheon plate for a combined radio tuning dial and control panel or the like. L. J. Leishman. 108,574; Feb. 22.
Fabric, Embroidered textile. I. J. Shorser. 108,582; Feb. 22.
Fabric or similar article, Textile. A. Tillman. 108,587; Feb. 22.
Fabric, Textile. W. Harm. 108,572; Feb. 22.
Glove. S. Shapiro. 108,603; Feb. 22.
Goblet or similar article, Stemmed. E. Bell. 108,557; Feb. 22.
Hanger, Coat. B. Perrone. 108,579; Feb. 22.
Hat. A. Rainess. 108,602; Feb. 22.
Heater, Circulating. B. W. Tullis. 108,588; Feb. 22.
Holder, Combined book and newspaper. J. I. Kumauchi. 108,595; Feb. 22.
Ingot or the like, Aluminum alloy. H. Lindenberger. 108,575; Feb. 22.
Jar. W. L. Kennedy. 108,594; Feb. 22.
Jar, Glass. R. H. Dallas. 108,592; Feb. 22.
Jug. L. Cella. 108,591; Feb. 22.
Lamp and fan or similar article, Combined. E. G. Shinner. 108,553; Feb. 22.
Lamp, smoking stand, and radio tuning unit, Combined. D. J. Crowley. 108,567; Feb. 22.
Marker or the like, House. O. O. Godwin. 108,571; Feb. 22.
Metal for making baking receptacles or similar articles, Sheet. J. G. Jackson. 108,573; Feb. 22.
Mounting, Ophthalmic. E. M. Splaine. 108,556; Feb. 22.
Mounting, Ophthalmic. E. M. Splaine. 108,583; Feb. 22.
Pencil tip. J. McNulty. 108,548; Feb. 22.
Photographic enlarger. R. Simmon. 108,554; Feb. 22.
Pin or similar article, Brooch. W. W. Hobé. 108,543–4; Feb. 22.
Pump, Sprayer. R. Bernhardt. 108,599; Feb. 22.
Redingote. E. M. Ciccone. 108,563–4; Feb. 22.
Refrigerator. A. O. Boyce and G. F. Appleby. 108,559; Feb. 22.
Ring, Finger. J. Granat. 108,540; Feb. 22.
Ring, Wedding. J. Granat. 108,541; Feb. 22.
Rug. W. W. Robinson. 108,581; Feb. 22.
Setting for a ring, Gem. H. Rufeisen. 108,551; Feb. 22.
Shoe eyelet. S. G. Mandalian. 108,547; Feb. 22.
Spoon or analogous article. A. J. Flauder. 108,538; Feb. 22.
Spoon or similar article. G. N. Allen, L. E. Ressegger, and M. P. Fleming. 108,532; Feb. 22.
Stand for jewelry and similar article, Display. R. Christen. 108,562; Feb. 22.
Stand, Smoking. J. K. Milton. 108,549; Feb. 22.
Stirrer and pick, Combined drink. G. W. Bergen, and R. B. Dabney. 108,558; Feb. 22.
Tooth brush and tumbler holder, Combined. R. S. Sanford. 108,552; Feb. 22.
Top, back splash panel and lighting unit for ranges, Combined. E. D. Pellegrin. 108,578; Feb. 22.
Truck, Automotive. V. G. and E. V. Garnett. 108,570; Feb. 22.
Washing machine and wringer, Combined. F. A. Conterman. 108,565; Feb. 22.
Watch bezel, Wrist. R. Jaccarino. 108,600; Feb. 22.
Wringer and washing machine, Combined. F. A. Conterman. 108,566; Feb. 22.

LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 22D DAY OF FEBRUARY, 1938

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Acid, Apparatus for the recovery of sulphuric. H. W. Sheldon. 2,108,670; Feb. 22.
Acid substance, Sulphamic. F. Guenther and H. Holsten. 2,108,886–7; Feb. 22.
Acoustical device. A. E. N. Lawrence. 2,109,012; Feb. 22.
Adapter for typewriters. L. Jensen. 2,109,293; Feb. 22.
Advertising device. F. W. Quidas. 2,108,628; Feb. 22.
Aeroplane control mechanism. C. T. Kenyon. 2,108,861; Feb. 22.
Air, Apparatus for conditioning. F. F. von Wilmowsky. 2,109,019; Feb. 22.
Air compressing machine. W. J. Brightwell. 2,108,958; Feb. 22.
Air control means for combustion apparatus. C. Scholl. 2,109,239–40; Feb. 22.
Aircraft. E. B. Wilford and E. Daland. 2,108,839; Feb. 22.
Alarm. M. B. Fulton. 2,108,851; Feb. 22.
Alcohol production, Secondary. F. M. Archibald and H. G. Schneider. 2,109,004; Feb. 22.
Alloy: *See*—
Aluminum alloy. Tin alloy.
Alloy. M. H. Brown. 2,109,285; Feb. 22.
Alloys, Preparation of lead-sodium. L. S. Bake. 2,109,005; Feb. 22.
Aluminum alloy. Y. Matuenaga. 2,109,117; Feb. 22.
Aminoalkyl-sulphonic acids and preparing them. O. Nicodemus and W. Schmidt. 2,109,401; Feb. 22.
Amusement apparatus. J. N. Bartlett. 2,109,041; Feb. 22.
Antenna coupling device for five meter receivers. P. De F. McKeel. 2,109,219; Feb. 22.
Antiflooding attachment for carburetors. F. E. Michael. 2,109,179; Feb. 22.
Antiskid device. B. T. Kinnear. 2,109,063; Feb. 22.
Aqueous ammonia solutions, Concentrating. J. L. Bennett. 2,108,914; Feb. 22.
Aralkyl halides, Production of. L. H. Fisher. 2,108,937; Feb. 22.
Arc-extinguishing device. J. W. Huffstutter. 2,109,216; Feb. 22.
Article with a facing of sheet metal, Producing a cast. R. D. Sansome. 2,108,996; Feb. 22.
Articles from steel alloys, Manufacture of. F. K. Naumann. 2,109,118–9; Feb. 22.
Ash separation, Centrifugal. W. M. Keenan. 2,109,234; Feb. 22.
Assistants for the textile and related industries, Production of. M. Pier and B. Engel. 2,108,901; Feb. 22.
Attachment plug. E. J. Te Pas. 2,108,907; Feb. 22.
Auto window screen. A. M. Yurkovich. 2,109,160; Feb. 22.
Azo compounds and dyeing therewith. J. G. McNally and J. B. Dickey. 2,108,824; Feb. 22.
Bailer, Differential pressure. W. J. Flury. 2,109,008; Feb. 22
Bar: *See*—
Cutter bar.
Baton. L. F. Dorsey. 2,108,802; Feb. 22.
Battery terminal and post. H. A. Hess. 2,109,424; Feb. 22.
Bearing. R. R. Searles. 2,109,053; Feb. 22.
Bed or the like, Hospital. J. A. Bäwer. 2,108,913; Feb. 22.
Binder, Loose leaf. J. H. Talmage. 2,109,241; Feb. 22.
Bit: *See*—
Drill bit.
Blank feeder and ejector. W. W. Davidson. 2,108,799; Feb. 22.
Blanks, Making laminated metal. S. L. Ingersoll. 2,109,010; Feb. 22.
Blanks, Mechanism for controlling the feeding and advancing of. W. W. Davidson. 2,108,800; Feb. 22.
Blowpipe. W. J. Jacobsson. 2,108,820; Feb. 22.
Blowpipe. W. J. Jacobsson. 2,109,252; Feb. 22.
Blowpipe, Flashback-resistant. W. J. Jacobsson. 2,108,819; Feb. 22.
Bobbin. G. B. Markle, Jr. 2,109,420; Feb. 22.
Bodies, Dense nonmetallic. J. A. Boyer and C. G. Rose. 2,109,246; Feb. 22.
Boiler: *See*—
Steam boiler.
Boiler water level gauge, Illuminated. A. G. Blanchard. 2,109,345; Feb. 22.
Bomb, Practice. S. P. Huff and A. Adelman. 2,108,818; Feb. 22.
Boring mechanism, Hydraulic. T. Seifer. 2,108,946; Feb. 22.
Bottle valve. J. W. Wandell. 2,108,938; Feb. 22.
Bowden control, Hydraulic. H. H. Kerr, Jr. 2,109,114; Feb. 22.
Box-making machine. G. Seifert. 2,109,359; Feb. 22.
Box press. H. E. Twomley. 2,109,040; Feb. 22.
Brake: *See*—
Electro-pneumatic brake. Fluid pressure brake.
Empty and load brake.
Brake. C. Press. 2,109,091; Feb. 22.
Brake apparatus, Electropneumatic. E. E. Hewitt. 2,109,046; Feb. 22.
Brake beam safety carrier. F. A. Isaacson. 2,108,967; Feb. 22.
Brake control for high speed trains. C. C. Farmer and E. E. Hewitt. 2,109,166; Feb. 22.
Brake control means. R. E. Miller. 2,109,168; Feb. 22.
Brake drum. F. C. Frank. 2,109,110; Feb. 22.
Brake equipment, High speed. J. W. Logan, Jr. 2,109,167; Feb. 22.
Brake mechanism. W. A. Gantner and T. R. McGowan. 2,109,194; Feb. 22.
Brake mechanism. F. L. Main and C. A. Sawtelle. 2,109,013; Feb. 22.
Brake-relining machine. H. B. Barrett. 2,109,327; Feb. 22.
Branding machine. W. P. Bullard and O. L. Williams. 2,109,380; Feb. 22.
Brassière. L. Green and J. Marks. 2,109,172; Feb. 22.
Broiling apparatus. K. O. and J. B. Zeigler. 2,109,079; Feb. 22.
Brooder, Electrically heated. J. E. Carlson. 2,109,163; Feb. 22.
Buff, Fibrous. L. M. Hague. 2,108,985; Feb. 22.
Buffing or polishing wheel. E. W. Hall. 2,108,966; Feb. 22.
Building system, Inorganic. M. Foster. 2,109,265; Feb. 22.
Bun slicing machine. R. R. Springer. 2,109,438; Feb. 22.
Burner: *See*—
Liquid fuel burner. Oil burner.
Burner for sintering machines. R. B. Horn. 2,109,149; Feb. 22.
Bushing, High voltage. E. D. Eby. 2,109,368; Feb. 22.
Button former. F. C. Elder. 2,108,917; Feb. 22.
Cabinet: *See*—
Dispensing cabinet. Radio cabinet.
Cable comprising one or more screened core groups, Communication. H. Kaden, P. Thomas, and H. Wassmannsdorff. 2,109,334; Feb. 22.
Cam grinding apparatus. C. J. Green. 2,109,386; Feb. 22.
Camping instrument. H. Ringer. 2,109,016; Feb. 22.
Cap fastener, Filler. H. A. Marsh. 2,109,137; Feb. 22.
Caps to receptacles, Method of and apparatus for applying closure. E. von Segebaden and B. Johnson. 2,108,932; Feb. 22.
Capsule filling machine. S. J. Speckhart and R. Herger. 2,108,906; Feb. 22.
Car structure, Railway. H. M. Pfiager. 2,109,275; Feb. 22.
Carbide composites, Producing hard cemented. G. J. Comstock. 2,108,797; Feb. 22.
Carbide composition, Hard. J. A. Boyer and C. G. Rose. 2,108,794; Feb. 22.
Carbon electrode. E. Neukirch. 2,109,302; Feb. 22.
Carburetor. M. E. Chandler and E. O. Wirth. 2,109,260; Feb. 22.
Carburetor. S. F. Hunt. 2,109,113; Feb. 22.
Card plays of bridge games, Stage exhibiting. J. R. Kilpatrick. 2,109,175; Feb. 22.
Cards or like articles from a stack, Feeding of. J. Crighton. 2,109,208; Feb. 22.
Carpet fastener. B. C. Place. 2,109,402; Feb. 22.
Carrier: *See*—
Brake beam safety carrier.
Cart, Machine gun. S. H. Negrotto. 2,108,826; Feb. 22.
Case: *See*—
Luggage case.
Case packing machine. W. D. Kimball and C. I. Braren. 2,109,294; Feb. 22.
Cash register, accounting and the like machines. E. Breitling. 2,109,309; Feb. 22.
Casing or tubing head, Full hole. J. C. O'Neal. 2,109,031; Feb. 22.
Catalysts, New. J. A. Nieuwland and F. J. Sowa. 2,109,340; Feb. 22.
Cementing plug. J. F. Blee. 2,109,058; Feb. 22.
Chain: *See*—
Cross chain.
Chariot vehicle. J. C. Rumsey. 2,108,868; Feb. 22.
Check writer. F. W. Dahlberg. 2,109,104; Feb. 22.

Checkerwork. H. L. Smalley. 2,108,871; Feb. 22.
Cheese, Packaging sliced. J. Rossman and C. L. Wagner. 2,109,093; Feb. 22.
Chemical composition. J. G. Moore. 2,109,299; Feb. 22.
Chilling apparatus. V. E. Kroft and A. Roe. 2,109,135; Feb. 22.
Chlorinator. C. V. Swearingen. 2,109,439; Feb. 22.
Chlorine dioxide, Production of. G. P. Vincent. 2,108,976; Feb. 22.
Cigarette. W. C. Higley. 2,109,132; Feb. 22.
Cigarette catcher, Rotary. G. W. Gwinn. 2,109,148; Feb. 22.
Cigarette tobacco feed. J. W. Leary. 2,109,200; Feb. 22.
Circuit: *See*—
Generator circuit. Telegraphic keying circuit.
Circuit breaker. W. M. Austin. 2,109,226; Feb. 22.
Circuit breaker. L. W. Dyer. 2,109,211; Feb. 22.
Circuit controlling device, Thermal operated. O. S. Field. 2,109,169; Feb. 22.
Circuit for hair waving machines, Electrical. G. Freudenberg and A. E. Reimers. 2,108,964; Feb. 22.
Circuits, Apparatus for testing ignition. L. E. Wagner. 2,108,835; Feb. 22.
Clamping means for mirrors for motor vehicles. A. W. Rosen. 2,109,142; Feb. 22.
Clasp. Insignia holding bracelet. C. H. Kestenman. 2,108,892; Feb. 22.
Clean-out and sample tool, Combination. G. A. Humason. 2,109,197; Feb. 22.
Clip. A. C. Fearing. 2,109,213; Feb. 22.
Clip for the adjustable attachment of partitions in showcases and the like. A. Stober. 2,108,950; Feb. 22.
Clock mechanism, Electric. L. Trepanier. 2,108,931; Feb. 22.
Closure for collapsible tubes and containers. F. McLaughlin. 2,109,397; Feb. 22.
Closure for nursing bottles and the like. J. Little. 2,109,374; Feb. 22.
Closure operator. J. L. Carrillo. 2,109,128; Feb. 22.
Clothespin. D. W. Hilderbrant. 2,109,023; Feb. 22.
Clutch: *See*—
Friction clutch.
Clutch control apparatus. C. O. Guernsey. 2,109,420; Feb. 22.
Clutch control mechanism. C. S. Bragg and V. W. Kliesrath. 2,109,099; Feb. 22.
Clutch mechanism, Automatic. R. P. Lewis. 2,108,969; Feb. 22.
Clutch release, Automatic. W. S. Wright. 2,109,096; Feb. 22.
Coffeepot. W. E. Williams. 2,109,363; Feb. 22.
Coin controlled mechanism. J. N. Pryor. 2,108,943; Feb. 22.
Combustion chamber. R. J. Dufour. 2,109,262; Feb. 22.
Composition of matter and making the same. W. J. Koenig. 2,108,893; Feb. 22.
Compressor cooling system. B. S. Aikman. 2,108,785; Feb. 22.
Condenser: *See*—
Electrical condenser.
Condenser. A. W. Franklin. 2,109,266; Feb. 22.
Condenser. F. Gettelman. 2,109,064; Feb. 22.
Connecter: *See*—
Electrical connecter. Wire connecter.
Connecter plug. H. W. Chaplin. 2,108,916; Feb. 22.
Container. J. D. Brophy. 2,109,100; Feb. 22.
Containers, Preparing fiber. C. T. Walter. 2,108,910; Feb. 22.
Contamination by metals in caustic alkali solutions, Reduction of. A. H. Hooker. 2,109,250; Feb. 22.
Control for drilling rigs, Hydraulic. W. F. McMurry and G. F. Phillips. 2,109,297; Feb. 22.
Control means for automobiles. H. E. Clarke. 2,109,101; Feb. 22.
Control mechanism for voting machines, Electric. W. G. Cook. 2,109,229; Feb. 22.
Controlling device for window shade rollers. A. C. Hanson. 2,109,112; Feb. 22.
Conveyer apparatus. F. Shurley. 2,109,360; Feb. 22.
Copper matte, Selective converting of. L. Larson and J. C. Klugar. 2,109,272; Feb. 22.
Cord attaching device, Pull. W. L. Riberdy. 2,109,051; Feb. 22.
Core for trimming moldings. W. J. MacLeod. 2,109,428; Feb. 22.
Corn trimming machine. C. E. and W. G. Carll. 2,109,345; Feb. 22.
Counter-current contact between fluids, Apparatus for effecting. W. J. Podbielniak. 2,109,375; Feb. 22.
Coupling: *See*—
Pipe coupling.
Cover and frame, Manhole. V. Elkington. 2,109,287; Feb. 22.
Cover for ladies' shoes, Heel. W. G. and L. O. Field. 2,109,193; Feb. 22.
Crane. R. A. Ormsby. 2,109,304; Feb. 22.
Crankshaft, Hollow. D. J. Campbell. 2,109,083; Feb. 22.
Crib and wardrobe, Combined. M. Groesser. 2,109,267; Feb. 22.
Cribbing structure. R. Irvin. 2,109,025; Feb. 22.
Cross chain. H. St. Pierre. 2,109,038; Feb. 22.
Cross head and piston rod and piston construction. E. S. Dennison. 2,109,060; Feb. 22.
Crushing machinery. G. W. Borton. 2,108,793; Feb. 22.
Cultivator foot for tractors, Automatic. M. L. and A. C. Garrison. 2,109,385; Feb. 22.
Cultivator shovel positioning mechanism. A. Spande. 2,109,055; Feb. 22.
Curler. R. M. McFadden. 2,109,218; Feb. 22.
Curler, Flat hair. H. Natkiel. 2,109,338; Feb. 22.
Cut-off for electric irons, Automatic. J. Muldowney. 2,109,181; Feb. 22.
Cut-off mechanism for straw making machines. K. E. Garling. 2,109,146; Feb. 22.
Cut-out. A. Ramsey. 2,108,993; Feb. 22.
Cutter: *See*—
Pole shaping cutter.
Cutter bar. C. L. Bowman. 2,109,081; Feb. 22.
Cutter bar, Mining machine. C. L. Bowman. 2,109,082; Feb. 22.
Cutter for pole shaping machines. A. M. Deiters and E. R. Gillon. 2,109,414; Feb. 22.
Cutter or grater, Vegetable. R. Rupert. 2,109,358; Feb. 22.
Cutting implement. H. Orietrea. 2,109,803; Feb. 22.
Cutting machine. F. W. Billiker and J. B. Ball. 2,109,057; Feb. 22.
Cutting machine. A. R. Thompson. 2,108,951; Feb. 22.
Dampener for printing presses. M. C. Grembecki. 2,108,984; Feb. 22.
Decelerometer. R. J. Alden. 2,108,791; Feb. 22.
Defoaming method and means. H. H. Young, Jr. 2,108,912; Feb. 22.
Dental floss holder. C. B. Elcan. 2,109,417; Feb. 22.
Dental model surveyor. N. G. Wills. 2,108,980; Feb. 22.
Derivatives of the anthrapyrimidine series, M. A. Kuns and K. Koeberle. 2,109,116; Feb. 22.
Device for cutting fruit into sectors. N. Obenshain. 2,108,992; Feb. 22.
Device for demonstrating the action of cords and the like. P. S. Gould. 2,109,171; Feb. 22.
Diaphragm switch. P. M. Farmer and F. C. Evans. 2,109,145; Feb. 22.
Di-calcium phosphate, Making. W. H. McIntire. 2,108,940; Feb. 22.
Dirt moving machine, Hydraulically controlled. C. Le Bleu. 2,109,392; Feb. 22.
Dish. A. T. Kieft. 2,108,863; Feb. 22.
Disinfectant for seeds, Dry. F. Wolff. 2,109,143; Feb. 22.
Dispensing apparatus. W. M. Carroll. 2,109,084; Feb. 22.
Dispensing apparatus. W. L. Marden. 2,109,178; Feb. 22.
Dispensing apparatus, Portable. C. R. Yirava. 2,109,259; Feb. 22.
Dispensing cabinet, Multiple compartment. W. S. Corbin. 2,109,412; Feb. 22.
Dispensing device for paper napkins. E. C. Morris. 2,108,825; Feb. 22.
Display rack. C. M. Brown. 2,109,379; Feb. 22.
Distillation, Apparatus for high vacuum. E. W. Fawcett and J. L. McCowen. 2,109,129; Feb. 22.
Door holder. E. H. Johnson. 2,108,891; Feb. 22.
Door operator for wagons, Hydraulic. J. Kuchar. 2,108,864; Feb. 22.
Door threshold. C. B. Davis. 2,109,043; Feb. 22.
Dough pressing machine. E. G. Young. 2,109,124; Feb. 22.
Draft rigging. D. S. Barrows. 2,109,126; Feb. 22.
Draft rigging. B. W. Kadel. 2,109,133; Feb. 22.
Drafting apparatus. F. D. Hazelton. 2,109,065; Feb. 22.
Drawing frame, Double three-roller. H. Stroink. 2,108,990; Feb. 22.
Drill bit. M. Hohanson. 2,109,290; Feb. 22.
Drive for drafting machinery, Variable speed. J. R. Clay. 2,109,347; Feb. 22.
Drive mechanism, Motor. M. Garbell. 2,109,063; Feb. 22.
Dye. J. W. Hinds. 2,109,372; Feb. 22.
Dyeing, Mordanting and union. E. S. Chapin. 2,109,261; Feb. 22.
Dyestuff of the indigoid type. S. Ellingworth. 2,109,360; Feb. 22.
Dyestuffs, Indigoid. E. Kambli. 2,108,938; Feb. 22.
Dyestuffs, Manufacture of azo. H. Roos. 2,109,183; Feb. 22.
Dyestuffs, Production of azo. K. Holzach, C. Winter and B. v. Bock. 2,109,024; Feb. 22.
Educational device. L. D. Haffner. 2,108,855; Feb. 22.
Electric discharge tube. R. A. Braden. 2,108,880; Feb. 22.
Electric heater. H. A. Sovereign. 2,109,379; Feb. 22.
Electrical apparatus. H. V. Putman. 2,109,221; Feb. 22.
Electrical condenser. S. Ruben. 2,108,995; Feb. 22.
Electrical connecter. W. A. Heinrich. 2,108,856; Feb. 22.
Electrical motor. R. H. Gearhart and H. L. Renshaw. 2,109,111; Feb. 22.
Electrical system. E. L. Clark. 2,109,021; Feb. 22.
Electrical testing and detecting apparatus. M. Bly. 2,109,180; Feb. 22.
Electrically actuated device for increasing the braking action. H. Gallusser. 2,109,419; Feb. 22.

Electromagnetic separator. R. H. Stearns and B. C. Kiekhaefer. 2,109,076; Feb. 22.
Electron discharge apparatus. A. M. Skellett. 2,108,830; Feb. 22.
Electro-pneumatic brake. C. C. Farmer and E. B. Miller. 2,108,755; Feb. 22.
Empty and load brake. E. S. Cook and R. M. Hewitt. 2,109,366; Feb. 22.
Emulsions containing trinuclear cyanine dyes, Photographic. L. G. S. Brooker and L. A. Smith. 2,108,845; Feb. 22.
Engine: *See*—
Internal combustion engine.
Esters of testosterone and making same. K. Miescher, A. Wettstein, and C. Scholz. 2,109,400; Feb. 22.
Excavator, Roadway snow. E. K. Russel. 2,109,094; Feb. 22.
Explosive. D. C. McMeans. 2,109,049; Feb. 22.
Extractor: *See*—
Juice extractor. Tomato juice extractor.
Eyeglasses. W. R. Uhlemann. 2,108,875; Feb. 22.
Eyeshade. O. A. Kleine. 2,109,115; Feb. 22.
Fabric: *See*—
Woven fabric.
Fabric and making the same, Textile. L. G. Lawrie, R. J. W. Reynolds, and H. A. Piggott. 2,109,295; Feb. 22.
Fabric and the production thereof, Knitted. H. A. Raynor. 2,108,925; Feb. 22.
Fan. A. L. Baker. 2,108,841; Feb. 22.
Fastener: *See*—
Cap fastener. Carpet fastener.
Fastener. K. T. Snyder. 2,108,931; Feb. 22.
Fastening device. J. Landgraf. 2,109,264; Feb. 22.
Fats or oils, Apparatus for the continuous splitting of. E. Moriock. 2,108,980; Feb. 22.
Ferrochromium, Making. M. J. Udy. 2,109,122; Feb. 22.
Fiber construction, Artificial. A. Fernbach. 2,109,333; Feb. 22.
Fiber cutting mechanism for tape condenser of similar machines. H. H. Knight. 2,109,176; Feb. 22.
Fibers and making same, Wool-like artificial. A. von Weinberg, H. Rein, and O. Eisenhut. 2,109,306; Feb. 22.
Fibers, Improving the electrical resistance of animal. A. C. Goodings. 2,109,087; Feb. 22.
Fibers, Making wool-like artificial. A. von Weinberg, H. Rein, and O. Eisenhut. 2,109,307; Feb. 22.
Figure employable for production of animated cartoon films, Deformable. W. H. Haughton. 2,109,422; Feb. 22.
Film in daylight, Apparatus for developing. J. Eggert and F. Luft. 2,108,982; Feb. 22.
Filter. W. P. Dalrymple. 2,108,798; Feb. 22.
Filter and utilising the same, Radiation. H. Kott. 2,109,235; Feb. 22.
Fixture, Display. R. L. Mapson. 2,109,255; Feb. 22.
Fluid mixer. W. J. Jacobsson. 2,109,261; Feb. 22.
Fluid pressure brake. C. C. Farmer and E. B. Hewitt. 2,108,760; Feb. 22.
Fluid pressure brake. E. B. Hewitt. 2,109,045; Feb. 22.
Fluid pressure brake. E. B. Hewitt. 2,109,047; Feb. 22.
Folding machine. W. H. Draper. 2,109,035; Feb. 22.
Food products, Making. G. J. Ley, J. H. Payne, and G. Akau. 2,108,897; Feb. 22.
Form for embedment in concrete construction, Cellular. H. M. Hadley. 2,109,009; Feb. 22.
4-hydroxynaphthoyrille compounds. W. Herwock, W. Kunze, and W. Brunner. 2,108,879; Feb. 22.
Frame: *See*—
Drawing frame. Furniture frame.
Friction clutch. K. J. Worsell. 2,109,405-6; Feb. 22.
Fruit sorting and packing system. E. E. Lindemeyer. 2,108,869; Feb. 22.
Fuel control apparatus. W. E. Leibing and W. B. Fageol. 2,109,296; Feb. 22.
Fuel feeding device for locomotives or the like. E. M. Wilcox and A. M. Stockwell. 2,109,242; Feb. 22.
Furfurylamines, Preparing. C. F. Winans. 2,109,159; Feb. 22.
Furnace. J. V. Wolsiffer. 2,109,243; Feb. 22.
Furniture frame. A. Bergmann. 2,109,060; Feb. 22.
Fuse link. E. F. Beethe. 2,108,843; Feb. 22.
Fuse switch, High duty. E. E. Pittman and C. H. Walsh. 2,109,090; Feb. 22.
Game. H. G. Bratenstein. 2,109,410; Feb. 22.
Game and projectile therefor. M. D. Price. 2,109,120; Feb. 22.
Garment hanger. E. A. Ghisoni. 2,108,853; Feb. 22.
Garment support. S. Buch. 2,109,280; Feb. 22.
Gate. M. Mortensen. 2,109,200; Feb. 22.
Gate valve. C. W. Bennett and B. H. Staats. 2,109,042; Feb. 22.
Gauge: *See*—
Boiler water level gauge. Liquid level gauge.
Gear: *See*—
Retractable landing gear.
Gear for aeroplanes, Winter landing. A. Ferrier. 2,108,962; Feb. 22.
Gear mechanism for cycles and the like, Change speed. J. T. Morgan. 2,108,941; Feb. 22.
Gear shifting mechanism, Automatic. E. G. Hill and J. X. Phillips. 2,109,443; Feb. 22.
Generator: *See*—
Vaporizing generator.
Generator circuit, Ultrashort wave oscillation. H. O. Peterson. 2,108,900; Feb. 22.
Glass sheet, method and apparatus for making same. H. A. Fisher. 2,108,811; Feb. 22.
Glycols from oxides of olefines, Preparation of. P. Ferrero, C. Vandendriessche, and F. Berbe. 2,108,936; Feb. 22.
Grinder, Drill. C. E. Adams. 2,109,506; Feb. 22.
Grinder, Portable motor knife. J. E. Eadie. 2,109,107; Feb. 22.
Grinding device. J. Hribar. 2,109,292; Feb. 22.
Grinding instrument for use in dental work. H. P. Cosmesment and F. Cappette. 2,109,066; Feb. 22.
Guard for journal boxes on railroad trucks, Dust. H. C. Theiss. 2,108,874; Feb. 22.
Gun carriage. O. L. Beardsley. 2,108,792; Feb. 22.
Gun, Machine. F. D. Hoppert, W. R. Bull and C. E. Simpson. 2,108,817; Feb. 22.
Hair waving. G. Freudenberg and A. E. Reimers. 2,108,963; Feb. 22.
Handle and locking member for pasteboard containers and the like. M. E. Seifer. 2,109,034; Feb. 22.
Hanger: *See*—
Garment hanger.
Hanger and folder, Garment. G. Richter. 2,109,141; Feb. 22.
Harvester and thresher. V. Schowengerdt. 2,109,436; Feb. 22.
Headwear. J. R. Hinshman. 2,109,248; Feb. 22.
Heater: *See*—
Electric heater.
Holder: *See*—
Dental floss holder. Notebook and copy holder.
Door holder. Pad holder.
Mop holder.
Holder and guide, Die. B. C. Dimmick. 2,109,312; Feb. 22.
Holster. R. H. Hoyt. 2,109,232; Feb. 22.
Hydrant, Frostproof. J. A. Vogel. 2,109,187; Feb. 22.
Hydroaeroplane. F. C. Schoenbucher. 2,109,320; Feb. 22.
Hydrocarbons, Process and apparatus for stabilising. E. G. Ragatz. 2,109,201; Feb. 22.
Ice and dry ice refrigeration system, Water. A. J. Cordrey. 2,109,310; Feb. 22.
Ice cream, Preparing and serving. G. W. Cocks. 2,109,102; Feb. 22.
Ignition apparatus. E. B. Nowosielski. 2,109,029-30; Feb. 22.
Ignition timing control. D. Cole. 2,109,103; Feb. 22.
Indicator: *See*—
Photographic film indicator. Target indicator.
Instrument for curling the lashes of an eye. F. Zajicek. 2,109,244; Feb. 22.
Instrument for indicating navigational factors. J. M. Beyhaw. 2,109,283; Feb. 22.
Internal combustion engine. F. C. Mock. 2,109,298; Feb. 22.
Internal combustion engine. C. H. Thompson. 2,109,185; Feb. 22.
Iron, Steam-electric pressing. A. and E. B. Tricomi. 2,109,326; Feb. 22.
Irrigation device. W. H. Coles and B. J. Nelson. 2,108,787; Feb. 22.
Jacking system for vehicles, Hydraulic. D. W. Sessions. 2,109,238; Feb. 22.
Jewelry mountings or the like, Forming. A. F. Reilly. 2,109,376; Feb. 22.
Joint: *See*—
Pipe joint.
Joint construction. W. A. Flumerfelt. 2,108,814; Feb. 22.
Juice extractor. B. L. Lorensen. 2,109,045; Feb. 22.
Ketene, Producing. J. Sixt and M. Mugdan. 2,108,829; Feb. 22.
Kettle, Two-compartment fry. K. Ehrgott. 2,109,212; Feb. 22.
Key-identifying device. C. F. I'Anson. 2,109,268; Feb. 22.
Kit, Miniature mending. M. Lichter. 2,109,318; Feb. 22.
Knife. D. F. Foster. 2,109,108; Feb. 22.
Knitting machine, Flat rib. W. Heinitz. 2,109,423; Feb. 22.
Ladder and safety elevator, Fire. M. Honig. 2,109,196; Feb. 22.
Lamp: *See*—
Studio lamp.
Lamp bulb, Electric. L. E. Calkins and O. S. Levi. 2,108,847; Feb. 22.
Latch. F. E. Gray. 2,108,965; Feb. 22.
Leather and similarly tautly stretched units, Drying. A. O. Hurxthal. 2,109,425; Feb. 22.
Leveling instrument. P. Grieve. 2,109,044; Feb. 22.
Lift, Automobile. H. H. Gunter. 2,108,886; Feb. 22.
Lighter arrangement for gas ranges. B. B. and E. M. Meacham. 2,109,290; Feb. 22.
Lighter, Cigarette. A. M. Andrews. 2,109,003; Feb. 22.
Lighting apparatus, Electric. C. Rebl. 2,109,241; Feb. 22.
Lipstick spreader. E. M. Buttschau. 2,109,411; Feb. 22.
Liquid fuel burner. W. F. Falkenberg. 2,108,918; Feb. 22.

Liquid level gauge. C. H. Lank. 2,109,355; Feb. 22.
Liquid pump. T. L. Titus. 2,109,224; Feb. 22.
Liquids and perfumes, Artificially aging alcoholic. G. A. Krause. 2,109,151; Feb. 22.
Liquids, Cooling and filtering. M. Vuilleme. 2,108,977; Feb. 22.
Loader, Tractor truck. C. J. Villerup. 2,109,440; Feb. 22.
Lock. F. Elbaum. 2,109,264; Feb. 22.
Lock controlling mechanism for transferable freight containers. B. F. Fitch. 2,108,813; Feb. 22.
Loom reed adjusting means. J. B. Jackson. 2,109,444; Feb. 22.
Lowering apparatus. F. Pardee, Jr. 2,109,139; Feb. 22.
Lubricating composition. J. I. Wasson. 2,108,954; Feb. 22.
Lubrication and wear, Testing of. R. L. H. Smith. 2,108,948; Feb. 22.
Luggage case. J. Ritter, Jr., and S. Esmus. 2,108,903; Feb. 22.
Lumber, Indurating. W. D. Humiston. 2,108,920; Feb. 22.
Machine for depositing cream, chocolate, or the like on biscuits. L. Marsden. 2,109,336; Feb. 22.
Machine for loading wrappers or pouches. I. A. Hardy. 2,109,231; Feb. 22.
Machine for producing raised printing. R. Woodward. 2,109,205; Feb. 22.
Machine tool. J. R. Johnson and R. L. Cotta. 2,108,821; Feb. 22.
Machine tool. A. H. Lyon. 2,108,823; Feb. 22.
Magazine for razor blades. O. V. Rodrigues. 2,109,017; Feb. 22.
Magneto, Ignition. U. Quintavalle. 2,108,924; Feb. 22.
Mannequin. V. M. Rice. 2,108,927; Feb. 22.
Marker, Night road. J. J. Joyce. 2,109,011; Feb. 22.
Marking machine. O. W. Fromm. 2,108,850; Feb. 22.
Mask, Facial. W. G. Thurber. 2,109,018; Feb. 22.
Masses from vinyl esters, Production of artificial. H. Hopf, P. Garbsch, and F. Teller. 2,108,857; Feb. 22.
Material and composition of matter for producing same, Transparent. T. G. Finsel and D. E. Drew. 2,108,810; Feb. 22.
Material and forming same, Friction. J. N. Longley. 2,108,988; Feb. 22.
Material and making same, Artificial textile. W. Whitehead. 2,108,836; Feb. 22.
Material and making same, Moistureproof. T. G. Finsel and D. E. Drew. 2,108,804; Feb. 22.
Material and making the same, Waterproof. T. G. Finsel and D. E. Drew. 2,108,809; Feb. 22.
Material containing organic esters of cellulose and preparing same, Textile. W. Whitehead. 2,108,837; Feb. 22.
Material having modified characteristics and making same, Artificial. W. Whitehead. 2,108,838; Feb. 22.
Material, Mixing a plastic. H. H. R. Straight. 2,109,077; Feb. 22.
Materials and making same, Transparent. T. G. Finsel and D. E. Drew. 2,108,807–8; Feb. 22.
Materials and producing same, Transparent. T. G. Finsel and D. E. Drew. 2,108,806; Feb. 22.
Materials and treating same, Cellulose. T. G. Finsel and D. E. Drew. 2,108,806; Feb. 22.
Materials, Incineration of waste. F. B. Schilling. 2,108,997; Feb. 22.
Materials, Manufacture and/or treatment of artificial. G. H. Ellis and A. J. Wesson. 2,108,803; Feb. 22.
Measuring a component of an alternating current or an alternating voltage, System for. W. Thal. 2,109,325; Feb. 22.
Measuring and controlling apparatus. J. D. Ryder. 2,109,222; Feb. 22.
Mechanical movement. O. Mueller. 2,108,991; Feb. 22.
Mechanical movement applicable to material screening apparatus. G. E. Markley. 2,109,395; Feb. 22.
Mechanism for delivering articles in counted bundles. C. G. Quick, D. A. Ball, and W. A. Whitehead. 2,109,050; Feb. 22.
Mercaptazole derivatives and their preparation. J. Teppema. 2,109,158; Feb. 22.
Metal structure and making. Double-walled sheet. E. G. Budd. 2,108,795; Feb. 22.
Metal, Treating. J. O. Betterton and Y. E. Lebedeff. 2,109,144; Feb. 22.
Metallic attachment. H. Sheer. 2,108,905; Feb. 22.
Mine cooling system. D. C. Lindsay. 2,109,236; Feb. 22.
Mixer: *See*—
Fluid mixer. Paint and liquid mixer.
Mixing machine. L. J. Sisley and F. J. White. 2,108,999; Feb. 22.
Monensо compounds and their production. H. Ohlendorf, E. Baumann, and K. Holzach. 2,109,182; Feb. 22.
Mop holder. S. C. Lawlor. 2,109,335; Feb. 22.
Motion-transmission mechanism, Precision. S. M. Ransome. 2,109,033; Feb. 22.
Motor: *See*—
Electrical motor. Wave motor.
Motor compressor of the free piston type. H. Jänicke. 2,108,890; Feb. 22.
Motor control system. S. C. Ewing. 2,109,370; Feb. 22.
Motor for deep-boring mechanisms, Hydraulic. T. Seifer. 2,108,947; Feb. 22.
Mount, Engine. R. D. Carleton. 2,109,329; Feb. 22.
Mount, Jewel. J. V. Schafer. 2,109,035; Feb. 22.
Muffler. O. G. Noblitt and E. Ludlow. 2,109,220; Feb. 22.
Muscles in infantile paralysis, Apparatus for restoring. E. Bajanova. 2,109,188; Feb. 22.
Notebook and copy holder, Stenographer's. C. C. Clifford. 2,109,349; Feb. 22.
Nut, Reinforcing. H. P. Sorensen. 2,108,975; Feb. 22.
Nuts, Treating. W. P. Bullard and J. S. Guy. 2,108,915; Feb. 22.
Observatory, Submarine. C. O. Carey. 2,108,796; Feb. 22.
Oil burner. E. J. McCullough. 2,109,027; Feb. 22.
Oil burner. C. E. Swallow. 2,108,872; Feb. 22.
Oil composition, Insecticidal. W. H. Volck. 2,109,095; Feb. 22.
Oil fogger, Atomizing type. M. G. Markle and L. W. Tuttle. 2,109,136; Feb. 22.
Oil, Lubricating. B. H. Lincoln and A. Henriksen. 2,109,357; Feb. 22.
Oil, Process and apparatus for dewaxing. L. Dillon. 2,109,350; Feb. 22.
Oil, Process and apparatus for dewaxing. H. F. Fisher. 2,109,130–1; Feb. 22.
Oil stabilization. V. C. Mehlenbacher. 2,108,922; Feb. 22.
Oil well valve. C. W. Fisher. 2,109,351; Feb. 22.
Oils, Process and apparatus for dewaxing. B. G. Aldridge and B. Hopper. 2,109,126; Feb. 22.
Oils, Refining of mineral. M. T. Kendall. 2,109,446; Feb. 22.
(1-phenyl-2, 3-dimethyl-5-pyrasolonyl)- isopentyl-ketone, Manufacturing. H. Kaufmann. 2,109,445; Feb. 22.
Oscillograph, High power projection. P. T. Farnsworth and F. J. Somers. 2,109,269; Feb. 22.
Oven. W. H. Frick. 2,109,382; Feb. 22.
Package, Dispensing. C. H. Rasmussen. 2,108,902; Feb. 22.
Package for hydrocolloid impression materials, Flexible. W. J. van Rossem. 2,108,953; Feb. 22.
Pad holder. V. B. Trevellyan. 2,109,404; Feb. 22.
Padlock. J. A. Cox. 2,109,413; Feb. 22.
Paint and liquid mixer. A. P. Jorgenson. 2,109,233; Feb. 22.
Paint softening tool. L. A. Daniels. 2,109,022; Feb. 22.
Particles differing in specific gravity, Method and apparatus for grading. F. W. Thorold. 2,109,121; Feb. 22.
Partition Insert, Sink. S. M. Moyes. 2,109,089; Feb. 22.
Paste, Dyestuff printing. W. Rappe, F. Hoelscher, and A. Schneevoigt. 2,108,994; Feb. 22.
Paster, Package. C. L. Streeter. 2,108,929; Feb. 22.
Paver, Road. C. G. Abernathy. 2,109,020; Feb. 22.
Pen for concentrated ink, Fountain. E. Wetsel. 2,108,911; Feb. 22.
Petroleum emulsions, Breaking. M. De Groote, B. Keiser, L. L. Faure, and A. F. Wirtel. 2,108,960–1; Feb. 22.
Phenolic condensation products, Polycyclic. J. B. Niederl and V. Niederl. 2,109,015; Feb. 22.
Phonograph, Automatic record changing. T. W. Small. 2,109,322; Feb. 22.
Photographic film indicator. P. Landrock. 2,109,373; Feb. 22.
Piano action, Upright. C. B. Davis. 2,109,192; Feb. 22.
Picture storage and display cabinet. E. J. Morin. 2,109,433; Feb. 22.
Piles, piers, etc., Apparatus for protecting. R. M. Douil. 2,109,105; Feb. 22.
Pins for artificial teeth, Tooth. F. Maulen. 2,109,138; Feb. 22.
Pipe, Casting clay. W. Washo. 2,109,078; Feb. 22.
Pipe coupling, Ground joint. H. L. Selger. 2,109,344; Feb. 22.
Pipe joint. F. A. Engel and F. Hudson. 2,108,848; Feb. 22.
Pipes and the like, Molding of concrete. C. C. Halkyard. 2,109,407; Feb. 22.
Piston for internal combustion motors. E. C. Long. 2,108,865; Feb. 22.
Pizzle removal method. C. F. McKim. 2,108,921; Feb. 22.
Plant protector. H. H. King. 2,109,426; Feb. 22.
Plastic composition. S. Morgenstern and J. Eggert. 2,109,432; Feb. 22.
Plate on printing press cylinders, Securing. C. A. Meisel. 2,109,152; Feb. 22.
Plug: *See*—
Attachment plug. Connecter plug.
Cementing plug.
Plug or the like for internal combustion engines, Electric spark. H. G. Bornemann. 2,109,364; Feb. 22.
Pneumatic control for air supplied to a stoker. L. R. Teeple. 2,108,873; Feb. 22.
Pole shaping cutter. A. M. Deiters. 2,109,415; Feb. 22.
Pottery, Process and installation for making. W. J. Miller. 2,109,028; Feb. 22.
Pounder, Steak. W. J. Oliver. 2,109,434; Feb. 22.
Power plant. L. Lustig. 2,109,237; Feb. 22.
Power steering apparatus for vehicles. W. W. Fuller. 2,109,418; Feb. 22.
Power transmitting mechanism. A. Benson. 2,109,227; Feb. 22.
Press: *See*—
Box press.
Printing and resetting mechanism. K. Imkamp. 2,108,858; Feb. 22.

Printing attachment for pencils. C. Rebl. 2,109,342; Feb. 22.
Printing plate and formation thereof. W. A. Lippincott. 2,108,822; Feb. 22.
Proportioning device. M. Cornell. 2,109,331; Feb. 22.
Protector: *See*—
Plant protector.
Pulverised substances, Apparatus for fusing and spraying. F. Schori. 2,108,998; Feb. 22.
Pump: *See*—
Liquid pump. Rotary pump.
Rack: *See*—
Display rack. Towel rack.
Rack. F. A. Wales. 2,108,978; Feb. 22.
Radiator steam valve, Floodless. J. B. Kohut. 2,109,209; Feb. 22.
Radio apparatus. R. W. Mcdonald. 2,109,431; Feb. 22.
Radio cabinet. W. O. Brown. 2,108,846; Feb. 22.
Radio carrying attachment for bicycles and motorcycles. W. S. Harley. 2,109,315; Feb. 22.
Radio direction system. G. A. Mathieu. 2,108,867; Feb. 22.
Radio receiving system. G. M. Wright. 2,108,878; Feb. 22.
Range, Wall. W. S. Davis. 2,109,006; Feb. 22.
Recorder, Continuous sheet facsimile. W. G. H. Finch. 2,109,109; Feb. 22.
Refectory table. A. H. and R. A. Holland. 2,108,816; Feb. 22.
Refrigerating apparatus. T. W. Keerner. 2,109,199; Feb. 22.
Refrigerating apparatus. H. J. Krackowiser. 2,109,270; Feb. 22.
Refrigerating apparatus. P. M. Lyons. 2,108,898; Feb. 22.
Refrigerating apparatus. E. C. Raney. 2,109,202; Feb. 22.
Refrigerating apparatus. S. M. Schweller and E. H. Schilling. 2,109,052; Feb. 22.
Refrigerating apparatus. B. J. Vandoren. 2,108,876; Feb. 22.
Refrigerator. W. W. Warren. 2,109,002; Feb. 22.
Register, Cash. C. W. Green. 2,108,884; Feb. 22.
Register, Cash. K. A. Lehmann and E. Breitling. 2,108,896; Feb. 22.
Regulating system. E. L. Harder. 2,109,215; Feb. 22.
Regulator for Venetian blinds. W. W. Lewis. 2,108,939; Feb. 22.
Repricer. G. W. Henry, Jr. 2,109,389; Feb. 22.
Retainer for reel lagging. G. A. Gleason. 2,109,170; Feb. 22.
Retractable landing gear. R. L. Levy. 2,109,427; Feb. 22.
Return trap. L. D. Goff. 2,108,854; Feb. 22.
Rheostat, Regulator. E. L. Harder. 2,109,214; Feb. 22.
Ring unit, Closing and reenforcing. R. S. Rheem. 2,108,944; Feb. 22.
Rivet, Self-clinching. L. J. Bazzoni. 2,108,842; Feb. 22.
Riveting device. H. M. Johnston. 2,109,067; Feb. 22.
Roller for sweeping machines, Guard. B. B. White and C. H. Young. 2,109,123; Feb. 22.
Roof structure. R. E. Sadtler. 2,109,447; Feb. 22.
Rosin for violin bows, etc. E. Dalemczyk. 2,109,416; Feb. 22.
Rosin, Polymerisation of. A. L. Rummelsburg. 2,108,928; Feb. 22.
Rotary pump, Duplex high pressure. G. E. Bigelow and A. R. Weis. 2,108,786; Feb. 2.
Rotation mechanism. A. R. Mack. 2,108,989; Feb. 22.
Rubber and product, Preserving. H. I. Cramer. 2,109,165; Feb. 22.
Rubber articles, Method and apparatus for handling. E. S. Killian. 2,109,150; Feb. 22.
Rubber articles, Method and apparatus for making. J. H. Coffey. 2,109,190; Feb. 22.
Rubber composition and preserving rubber. A. M. Clifford. 2,109,164; Feb. 22.
Saddle attachment, Riding. S. Douglas. 2,109,209; Feb. 22.
Safety device for homes. Y. Spiegel. 2,109,361; Feb. 22.
Salts, Process and apparatus for the production of. H. A. Beekhuis, Jr. 2,109,347; Feb. 22.
Sandals, Manufacture of. K. Engel. 2,108,849; Feb. 22.
Sanding and polishing machine. C. J. Lippold. 2,109,069; Feb. 22.
Saw setting machine. C. G. Biro. 2,109,161; Feb. 22.
Scale, Weighing. F. V. Waltz. 2,109,001; Feb. 22.
Scraper. L. P. Green. 2,109,195; Feb. 22.
Scraper, Rotary. H. M. Livingston. 2,109,394; Feb. 22.
Screen: *See*—
Auto window screen.
Seal and production, Tamperproof. R. S. Peirce. 2,108,942; Feb. 22.
Sealing apparatus. G. Slayter. 2,109,258; Feb. 22.
Seat: *See*—
Window seat.
Separator: *See*—
Electromagnetic separator.
Setting, Reversible. L. Shakter. 2,108,904; Feb. 22.
Sewing machines, Binding and piping attachment for. W. C. Greist and C. G. Baehr. 2,109,314; Feb. 22.
Sewing machines, Folding and pressing attachment for. T. A. Anderson. 2,109,441; Feb. 22.
Sewing machines, Top feed mechanism for. C. W. Mueller. 2,109,014; Feb. 22.
Sheets for duplication, Assembling and laying master. R. R. Haskell and H. J. Morton. 2,109,066; Feb. 22.
Sheets of paper and cardboard, Machine for cutting, embossing, and printing. S. Levin. 2,109,068; Feb. 22.
Shock absorber. A. E. Dentler. 2,109,367; Feb. 22.
Shock absorber for the elements of thermionic tubes. W. L. Krahl. 2,108,967; Feb. 22.
Shock absorber, Hydraulic. A. B. Casper. 2,108,881; Feb. 22.
Shoe. J. T. Tebbutt. 2,109,324; Feb. 22.
Shoe cementing apparatus. J. F. Smith. 2,109,323; Feb. 22.
Shoe construction. M. Mohun. 2,109,180; Feb. 22.
Shoes, Method and means for use in lasting. J. S. Kamborian. 2,108,859; Feb. 22.
Shoulder strap, Ornamental adjustable. H. Silverman. 2,109,345; Feb. 22.
Shutter, Storm. E. W. Reiber. 2,108,926; Feb. 22.
Sickle cushioner. G. E. Chilstrom and A. Thompson. 2,109,085; Feb. 22.
Sign. B. Compton. 2,109,330; Feb. 22.
Signs, Making. T. L. Waldo, Jr. 2,109,000; Feb. 22.
Signal: *See*—
Vehicle direction signal. Vehicle signal.
Signaling device, Automobile. I. Florman. 2,109,381; Feb. 22.
Signaling system, Noninterfering successive. M. W. Muether. 2,109,273; Feb. 22.
Signaling system, Two-way. L. Schott. 2,108,974; Feb. 22.
Silica drilling fluid, Amorphous. O. Mayfield. 2,109,337; Feb. 22.
Slack adjuster, Automatic. F. E. Schwentler. 2,109,036–7; Feb. 22.
Slack adjuster for motor vehicle brakes. E. J. M. Brinck and R. V. A. Olsson. 2,109,284; Feb. 22.
Slicer, Vegetable. A. E. Orner. 2,108,972; Feb. 22.
Slip construction. F. Kopp and L. Morris. 2,108,894; Feb. 22.
Slotting machine. L. G. Larsen. 2,109,356; Feb. 22.
Snap switch. R. H. Bentley. 2,109,378; Feb. 22.
Socket. H. M. Dressel. 2,109,106; Feb. 22.
Socket, Radio. C. L. Knutson. 2,109,217; Feb. 22.
Socket wrench. S. Mandl. 2,108,866; Feb. 22.
Solvent extraction process. S. Tijmstra. 2,109,157; Feb. 22.
Sound-on-film, Method and apparatus for recording and reproducing. L. Dewan. 2,108,801; Feb. 22.
Sound recording system. E. S. Gille and B. D. Gille. 2,108,815; Feb. 22.
Speed regulation, System of. E. D. McKinney. 2,108,970; Feb. 22.
Speed transmission, Variable. S. Kalko. 2,109,174; Feb. 22.
Spindle resetting mechanism, Automatic. M. Richter and J. Bareiss. 2,109,140; Feb. 22.
Splice for high voltage cables, Duct. H. Halperin. 2,108,880; Feb. 22.
Spraying attachment for tractors. C. A. Gallupe. 2,109,384; Feb. 22.
Spring structure for furniture and the like. S. S. Bernstein. 2,109,282; Feb. 22.
Stairway, Moving. J. Dunlop. 2,109,210; Feb. 22.
Stamping tool. W. J. Kolstad. 2,109,253; Feb. 22.
Stand for cordless electric irons. J. P. Walpole. 2,108,834; Feb. 22.
Stapling mechanism. H. J. Spencer. 2,109,203; Feb. 22.
Starch, Halogenated thick boiling. R. W. Kerr. 2,108,862; Feb. 22.
Starter drive member, Engine. Y. Sekella. 2,109,155; Feb. 22.
Starter, Engine. A. S. Bosma. 2,109,281; Feb. 22.
Steam boiler. K. C. Schmidt. 2,109,277–8; Feb. 22.
Stereopticon slide and projection apparatus therefor. F. C. Brady. 2,108,844; Feb. 22.
Stereotype plates, Apparatus for casting. G. W. Bungay. 2,109,206; Feb. 22.
Stereotype plates, Casting. G. W. Bungay. 2,109,207; Feb. 22.
Stock holder, Rolled. C. E. Bartram. 2,109,097; Feb. 22.
Stocking. L. H. Mendelsohn. 2,108,923; Feb. 22.
Stocking and making the same. O. F. Smetana. 2,109,156; Feb. 22.
Stoker. J. P. Fisher. 2,109,332; Feb. 22.
Stop and holder, Door. A. W. Carlson. 2,109,228; Feb. 22.
Stop, Door. O. E. Carlson. 2,109,127; Feb. 22.
Stove top. H. H. Turner. 2,109,039; Feb. 22.
Strap: *See*—
Shoulder strap.
Strip, Molded core. E. R. Cramer. 2,108,961; Feb. 22.
Strips, Method and apparatus for annealing. L. Wilson. 2,109,204; Feb. 22.
Striping tool. J. Urban. [illegible]52; Feb. 22.
Studio lamp. C. Bardwell, C. R. Erickson, and J. C. Rose. 2,109,056; Feb. 22.
Support: *See*—
Garment support.
Support and gauge for curtain rods. N. Terzo. 2,109,346; Feb. 22.

Support for routing machines, Head. A. B. Eckersall. 2,109,263; Feb. 22.
Surface treating glass containers, Apparatus for. A. G. Leech and J. M. Johnson. 2,109,251; Feb. 22.
Surgical appliance. A. B. Kendrick. 2,109,134; Feb. 22.
Surgical instrument, Adjustable angle. P. F. Greaso. 2,109,147; Feb. 22.
Suspension. H. Reiter. 2,109,243; Feb. 22.
Suspension and driving system for motor vehicles. F. Contardi. 2,109,191; Feb. 22.
Swimming device. A. S. Malm. 2,109,429; Feb. 22.
Switch: See—
Diaphragm switch. Snap switch.
Fuse switch.
Switch. L. E. Fisher and W. H. Frank. 2,108,812; Feb. 22.
Switch. E. J. Mastney. 2,109,219; Feb. 22.
Switch. E. M. Soreng and C. Will. 2,109,054; Feb. 22.
Switch assemblage. W. C. Furnas and S. R. Thompson. 2,108,883; Feb. 22.
Synchronisation indicating device. P. L. Tollison. 2,109,362; Feb. 22.
Syringe, Infant's. M. E. Burke. 2,109,059; Feb. 22.
Table: See—
Refectory table.
Tablet packaging machine. C. J. Westin. 2,109,407; Feb. 22.
Tank and battery assembly, Oil. W. S. Harley. 2,109,316; Feb. 22.
Tank for liquids, Storage. A. Runge. 2,108,945; Feb. 22.
Tanks and the like, Device for cleaning. H. M. Ruth. 2,109,075; Feb. 22.
Tape binding and package closing machine. J. W. Capstick. 2,109,328; Feb. 22.
Target indicator. C. Grigoriu. 2,108,919; Feb. 22.
Telegraph repeating system. T. A. McCann. 2,109,026; Feb. 22.
Telegraphic keying circuit. J. D. Wallace. 2,108,833; Feb. 22.
Telephone system. W. J. Vincent. 2,108,909; Feb. 22.
Telepicture synchronising system. W. G. H. Finch. 2,108,983; Feb. 22.
Television. F. Schröter. 2,109,321; Feb. 22.
Television apparatus. J. Gettinger. 2,108,852; Feb. 22.
Television apparatus. A. Karolus. 2,109,198; Feb. 22.
Television scanning system. A. M. Nicolson. 2,108,827; Feb. 22.
Television, Variable speed. A. M. Nicolson. 2,109,339; Feb. 22.
Temperature control system. G. H. Fisher. 2,109,062; Feb. 22.
Terminal lug, Wire. M. B. Nieman. 2,109,073; Feb. 22.
Testing device. W. L. Wettlaufer. 2,108,877; Feb. 22.
Theodolite. C. H. Veeder. 2,109,186; Feb. 22.
Therapeutical appliance and making the same. R. W. Albright. 2,108,934; Feb. 22.
Thermocouple system. W. K. McCoy. 2,109,396; Feb. 22.
Thread, Apparatus for after-treatment of fresh made rayon. K. Nakane. 2,109,301; Feb. 22.
Timber blasting device. L. H. Sawyer. 2,109,435; Feb. 22.
Tin alloy. D. Hanson and W. T. Pell-Walpole. 2,109,387; Feb. 22.
Tire. J. Gallardo. 2,109,383; Feb. 22.
Tire building apparatus. F. J. Shook. 2,109,437; Feb. 22.
Tire, Pneumatic. D. Parkinson. 2,108,973; Feb. 22.
Tobacco, Apparatus for blending and conditioning. H. S. Bogaty. 2,109,409; Feb. 22.
Tobacco smoke, Method of and substance for treating. H. L. Kauffman. 2,108,960; Feb. 22.
Tomato juice extractor. W. C. McNitt. 2,109,398; Feb. 22.
Tong. C. E. Olsen and J. A. Peterson. 2,108,971; Feb. 22.
Tool: See—
Clean-out and sample tool. Stamping tool.
Machine tool. Striping tool.
Paint softening tool.
Tool with rolling cutters, Rotary earth boring. J. A. Zublin. 2,108,956; Feb. 22.
Tools, Fluid passage for drilling. J. A. Zublin. 2,108,965; Feb. 22.
Towel rack. W. H. Pleim. 2,109,032; Feb. 22.
Toy's vehicles, Guiding. L. Roussy and R. Trubert. 2,109,403; Feb. 22.
Traffic device. R. Cubby. 2,109,286; Feb. 22.
Traffic direction controlling system for railroads. R. M. Phinney. 2,109,153; Feb. 22.
Trailbuilder, bulldozer, and the like. C. Le Bleu. 2,109,393; Feb. 22.
Train control system, Intermittent inductive. W. H. Reichard. 2,109,154; Feb. 22.
Transmission. C. W. Floss. 2,109,007; Feb. 22.
Transmission. C. Heckman. 2,109,290; Feb. 22.
Transmission line, Frequency control. F. H. Kroger. 2,108,895; Feb. 22.
Transmission, Synchro selective constant mesh. G. A. Klimek. 2,108,986; Feb. 22.
Trap: See—
Return trap.
Trap for leaking gas, Underground. G. B. Anthony. 2,108,840; Feb. 22.
Trinket. W. H. Roll. 2,109,092; Feb. 22.
Truck. W. W. MacDonald. 2,109,177; Feb. 22.
Truck, Clamp. P. J. Stine. 2,109,305; Feb. 22.
Truck trailer combination. I. H. Judd. 2,108,908; Feb. 22.
Tube: See—
Electric discharge tube. Vacuum tube.
Tube drawing apparatus. S. D. Inscho. 2,108,790; Feb. 22.
Tube structure. H. Nielsen. 2,109,274; Feb. 22.
Tubes, Aging vacuum. D. Ulry. 2,109,225; Feb. 22.
Turnstile. W. J. Kennedy. 2,109,254; Feb. 22.
Typewriter attachment. J. B. Ruth. 2,109,288; Feb. 22.
Typewriting machine. B. C. Stickney. 2,108,832; Feb. 22.
Typewriting, Teaching and practicing. J. H. Brownjohn. 2,109,442; Feb. 22.
Urea-formaldehyde-polyhydric alcohol-polybasic acid condensation products. A. G. Hovey and T. S. Hodgins. 2,109,291; Feb. 22.
Vacuum tube. V. K. Zworykin. 2,109,245; Feb. 22.
Valve: See—
Bottle valve. Oil well valve.
Gate valve. Radiator steam valve.
Valve. G. R. Brown. 2,108,959; Feb. 22.
Valve. D. D. Wile. 2,108,979; Feb. 22.
Valve and the like, Filtering. T. A. Hammond. 2,109,230; Feb. 22.
Valve for gear shifts, Air control. P. MacKensie. 2,109,070; Feb. 22.
Valve head structure for core barrels. L. L. Snyder. 2,108,949; Feb. 22.
Valve with mid-position bypass, Piston. F. Boehle. 2,109,163; Feb. 22.
Vaporising generator. B. W. Tullis. 2,108,908; Feb. 22.
Vehicle: See—
Chariot vehicle.
Vehicle direction signal. S. F. Adam. 2,109,408; Feb. 22.
Vehicle equipped with load-shifting devices, Land. J. Heller. 2,109,368; Feb. 22.
Vehicle signal. A. T. Sereda. 2,109,184; Feb. 22.
Vehicle spring suspension. R. W. Nilsson. 2,109,074; Feb. 22.
Vehicle structure, Railway. H. M. Pflager. 2,109,276; Feb. 22.
Vending device. M. J. Airington. 2,109,377; Feb. 22.
Ventilating confined spaces. R. H. Mautsch. 2,109,071; Feb. 22.
Vitreous enameled products. D. E. Krause. 2,109,271; Feb. 22.
Volume control, Automatic. H. O. Peterson. 2,108,899; Feb. 22.
Wall construction. D. V. Nelson. 2,109,072; Feb. 22.
Wallboards, Installing and assembling. C. Welch. 2,109,448; Feb. 22.
Water flow detector and alarm means. C. C. Johnson. 2,109,317; Feb. 22.
Wave motor. W. T. Herndon. 2,109,173; Feb. 22.
Well structure, Metallic. F. Griebach. 2,108,885; Feb. 22.
Wheel: See—
Buffing or polishing wheel.
Wheel assembly, Trailer. M. E. Dayton. 2,109,311; Feb. 22.
Wheel attachment. C. M. Baxter. 2,109,098; Feb. 22.
Window seat. H. Green. 2,109,313; Feb. 22.
Window, Ventilating. J. G. Hickman. 2,109,249; Feb. 22.
Windshield operating device. A. T. Potter. 2,109,256–7; Feb. 22.
Wire connecter, Frictional. J. Blackburn. 2,108,957; Feb. 22.
Wire-stitching or stapling machine. J. F. Cavanagh. 2,108,882; Feb. 22.
Woodworking machine. H. J. Dietrich. 2,109,061; Feb. 22.
Work driving means, Resilient. W. F. Groene. 2,109,371; Feb. 22.
Woven fabric. H. F. Schmidt. 2,109,223; Feb. 22.
Wrench: See—
Socket wrench.
Zeroiser for dispensing pump, Automatic. C. S. Hazard. 2,109,352; Feb. 22.
Zeroising device for dispensing pumps, Automatic. C. S. Hazard. 2,109,353; Feb. 22.

CLASSIFICATION OF PATENTS

ISSUED FEBRUARY 22, 1938

In view of the fact that the issue is being checked weekly by the Classification Division, the class and subclass in this list are correct as of this date. Where there is a discrepancy between the classification given in the patent head and the classification in this list, the classification of this list governs.

NOTE.—First number—class, second number—subclass, third number—patent number

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Designs	113	No. 103,198 to No. 103,311	inclusive.
Total	969		

Adjudicated Patents

(D. C. Md.) Wolf patent, No. 1,787,098, for union suit, *Held* invalid, but, if valid, not infringed. *Wolf v. Stewart & Co.*, 21 F. Supp. 125.

(D. C. Del.) Rosenberg patent, No. 1,809,758, for fastener, *Held* invalid. *Rosenberg v. Shakeproof Lock Washer Co.*, 20 F. Supp. 980. (Correcting notice 486 O. G. 231.)

Disclaimers

1,997,976.—*Axel Carl Georg Petersen*, Copenhagen, Denmark. FILM HAVING A PHOTOGRAPHIC SOUND RECORD FOR PREPARING SAME. Patent dated April 16, 1935. Disclaimer filed December 27, 1937, by the inventor.

Hereby enters this disclaimer to claims 1, 2, 3, 4, 5, 7, 8, 9, 10, 19, and 20 of said specification.

2,061,767.—*Roy C. Nelson*, Willoughby Township, Ohio. CAR TRUCK. Patent dated November 24, 1936. Disclaimer filed January 11, 1938, by the assignee, *National McCleeb and Steel Castings Company*.

Hereby disclaims from the scope of claim 1 of said patent any car truck except one wherein the "projection" from the bolster consists of a single element through which the shear stresses are imparted to the respective rubber elements; and further disclaims from the scope of claim 11 of said patent any car truck except one wherein the "cushioning" of "movements of the bolster member in directions at right angles to each other" is accomplished primarily by the absorption of energy from said bolster movements by the "rubber means".

2,065,369.—*George W. Fyler*, Schenectady, N. Y. RADIO TRANSMITTING SYSTEM. Patent dated December 22, 1936. Disclaimer filed January 8, 1938, by the assignee, *General Electric Company*.

Hereby disclaims claims 1 and 11 of said Letters Patent.

2,093,399.—*Noel Pemberton Billing*, London, England. FILM CARRIER FOR PHOTOGRAPHIC CAMERAS. Patent dated September 21, 1937. Disclaimer filed January 8, 1938, by the patentee.

Hereby disclaims from the patent claims 7, 8, and 9.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 2,008,906, C. H. Snydam, Radio amplifier, decided November 19, 1937, claims 1 and 2.

Pat. 2,011,315, R. W. Gilbert, Potentiometric indicator, decided February 15, 1937, claims 1 and 2.

Pat. 2,022,634, H. C. Britton, W. C. Stoessner, and G. G. Georgen, decided January 8, 1938, claims 1, 2, 3, 4, 5, 6, and 14.

Pat. 2,037,575, F. Benedict and P. E. Carter, Train dispatching system for railroads, decided January 10, 1938, claims 2, 8, 19, 21, 22, and 24.

Pat. 2,040,443, H. G. Pasholan, Paper clip, decided January 12, 1936, claim 3.

Pat. 2,044,128, H. J. Smith, Weather integrator, decided January 11, 1938, claim 1.

Pat. 2,063,342, A. L. Samuel, Electron discharge device, decided January 11, 1938, claims 10 and 11.

Pat. 2,064,764, H. M. Playford, R. H. Hogue, and C. Cone, decided January 12, 1938, claim 4.

Pat. 2,071,597, A. J. Vassolli, Stem for electron discharge devices, decided January 10, 1938, claim 4.

Pat. 2,080,984, C. A. Miseres, Apparatus for attaching fasteners, decided January 11, 1938, claims 17 and 18.

Condition of Applications Under Examination at Close of Business January 15, 1938

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 44,866; Trade-Mark Division, 1,749. Oldest new case, July 23, 1937; oldest amended, July 8, 1937.) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6024	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Aug. 16	Aug. 16	730
6703	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses. Tobacco; Butchering; Bee Culture.	Sept. 9	Sept. 10	801
4600	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Nov. 15	Nov. 15	285
7000	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Oct. 21	Oct. 6	808
3977	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	Oct. 15	Oct. 15	827
4600C	6. LEWERS, A. M., Carbon Chemistry (part)	Oct. 6	Oct. 6	760
5720	7. JARBOE, C. G., Optics; Photography	Oct. 1	Oct. 1	1,105
4600	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Oct. 1	Oct. 14	439
4600	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Sept. 27	Sept. 29	421
6123	10. HUNTER, O. P., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies, and Tops; Vehicle Fenders; Spring Devices.	Aug. 28	Sept. 8	360
6007D	11. BENHAM, R. V., Boots, Shoes, and Leggings; Buttons, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Appendages; Skins, Glues, and Leathers.	Oct. 7	Oct. 12	805
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Valve Gearing	Aug. 11	Aug. 11	778
5000	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging, and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Sept. 8,	Sept. 8	648
6007	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Oct. 20	Oct. 16	800
4007	15. HENRY, BERT., Glass; Plastic Blank and Earthenware Apparatus; Plastics	Sept. 30	Sept. 30	1,172
5716	16. SPENCER, C. J., Telegraphy; Telephony	Sept. 15	Sept. 15	880
5701	17. ARMSTRONG, H., Communication; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Oct. 15	Oct. 16	807
4012	18. KURZ, JOS. A., Meters, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 13	Sept. 15	454
4003	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burning	Sept. 21	Sept. 17	776
6000	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Sept. 23	Sept. 20	485
7733	21. THOMPSON, T. J., Textiles; Cloth Finishing	Oct. 15	Oct. 16	840
5009	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Oct. 19	Oct. 20	573
7024	23. BUTTNER, W. J., Registers (part)	July 22	July 3	221
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5000	26. YOUNG, R. R., Electricity, Generation"; Motive Power	Sept. 21	Sept. 16	800
5703	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Aug. 3	Aug. 3	807
4020	28. SOLYOM, H. L., Internal-Combustion Engines	Oct. 14	Oct. 14	326
6000	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Sept. 2	Sept. 9	883
4003	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Aug. 16	Aug. 16	906
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Oct. 15	Oct. 15	574
4000	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Oct. 7	Oct. 7	826
6000	33. WYMAN, W. L., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Oct. 15	Sept. 29	820
6000	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Tract Sanders.	Oct. 20	Oct. 20	314
3576	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Oct. 13	Oct. 21	820
7000	36. McFADYEN, A. D., Measuring and Testing; Power Measuring Automatic Weighers	Sept. 10	Sept. 10	548
6000B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Sept. 15	Sept. 20	784
3004	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	Aug. 30	Sept. 4	600
4570	39. WHITNEY, F. L., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Sept. 7	Sept. 13	651
7000	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Sept. 15	Sept. 15	1,200
7012	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Oct. 9	Sept. 29	291
5000	42. CUTTING, H. O., Electric Signaling	Sept. 21	Sept. 2	534
4007D	43. ELINGE, B. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Oct. 7	Oct. 6	572
4007D	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Aug. 19	Aug. 17	905
7000	45. BILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Meters; Valve-Operating Mechanisms; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Sept. 24	Oct. 1	788
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Sept. 20	Sept. 20	657
6023	47. LOWE, R. R. (Act.), Checkers; Brakes	Oct. 8	Oct. 9	841
5731	48. ROEPKE, O. H., Electricity, General Applications; Igniters	Oct. 5	Oct. 5	894
7720	49. SHEFFIELD, E. L., Clock-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Aug. 2	July 29	872
4703	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Oct. 15	Oct. 13	874
5023	51. BACKUS, C. D., Radiant Energy	Oct. 8	Oct. 8	906
7700	52. KNOTTS, M. K., Supports; Chucks; Joint Packings; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits	Oct. 4	Oct. 6	877
6007	53. PECK, M. E., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Sept. 16	Sept. 16	816
3674	54. STRACHAN, C. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Oct. 20	Oct. 27	806
6000	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Aug. 28	Sept. 1	1,004
4720	56. COOKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Aug. 24	Aug. 24	1,175
6013	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Sept. 14	Sept. 13	835
5000	58. DOWELL, E. F., Abrading; Bottles and Jars	Sept. 21	Sept. 22	370
4700	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Subfoseno Preparation.	Oct. 9	Oct. 15	617
5000	60. GLASS, E. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Sept. 15	Sept. 15	554
6734	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Mold Making; Winding and Reeling; Packing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Aug. 11	July 28	604
4600	62. PUGH, R. C., Gauges; Geometrical Instruments	Oct. 19	Oct. 20	362
4700	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Sept. 28	Oct. 19	411
4700	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Oct. 5	Oct. 6	1,091
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Sept. 9	Sept. 16	670
2000D	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND (Trade-Marks, Labels and Prints)	Dec. 7 / Dec. 11	Dec. 27 / Dec. 31	1,438 / 311
2005	DIMONS, H. H. KALUPY	Dec. 18	Dec. 31	670

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE ADAMSON

No. 3,858. Decided November 22, 1937

[92 F.(2d) 717]

PATENTABILITY—TAILORED BUSINESS SUIT.

Claims for a tailored business suit made of a special fabric *Held* unpatentable over the prior art.

APPEAL from the Patent Office. Affirmed.

Mr. Walter L. Pigis, Messrs. Gourley & Budlong, and *Mr. Charles C. Willson* for Adamson.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

LENROOT, J.:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office, affirming a decision of the Examiner rejecting all of the claims of appellant's application. Ten claims are involved, numbered 13 to 22, inclusive; claim 13 is illustrative of all the claims in issue and reads as follows:

13. A tailored business suit formed primarily of a one-way stretch woven fabric having the softness, flexibility and appearance characteristic of suiting material and made of inelastic warps and wefts having interposed at intervals between the inelastic wefts one or more elastic wefts of a character not appreciably longer than the inelastic wefts, said elastic wefts being constructed and arranged to impart to the fabric a small degree of stretch in the body encircling direction of the fabric.

The references cited are: Field, 1,919,292, July 25, 1933; Heltewig (Australian), 16,067, July 8, 1929.

Appellant's application relates to an outer garment such as a suit of clothes, constructed from a woven fabric consisting of inelastic warp threads, and both inelastic and elastic weft threads. The fabric is placed in the suit in such position that the elastic wefts impart a small degree of stretch in the body encircling direction of the fabric.

The patent to Field relates to undergarments, such as corsets, girdles, etc., comprising a knitted or woven fabric made of two-way stretch material, by the use of elastic yarn made of rubber filaments incorporated in both the warp and weft of the fabric. Both warp and weft are composed principally of elastic threads, but the patent states:

. . . Relatively non-elastic threads may cooperate with at least one of said groups of threads to limit the stretch of the material in one of said directions, or possibly in both. Two examples of such material are shown in Figs. 6 and 7, and will be described below in more detail.

. . . . . .

When material of the character shown in Fig. 6 is employed for the main panels of the garment, it is preferable to have the non-elastic strands, which limit the stretching of the material in the direction of their length, extend up and down in the panels, to control their stretching in this direction. However, these strands may run crosswise, or even diagonally. Thus, for example, there are shown in Figure 2 non-elastic strands 25 running crosswise of the wearer, said non-elastic strands limiting the stretch around the body of the wearer.

The preamble of the patent contains the following:

. . . it has been proposed to make garments, adapted to be worn about the hips, of sheet rubber, but these are unsatisfactory for ordinary use on account of obvious reasons, principally lack of permeability. On the other hand, suggestions have been made to the effect that pieces of material which are elastic to give direction could be sewed or otherwise secured together so that parts of the garment are able to stretch in one direction and parts in other directions. However, for one reason or another, none of the proposals in the art has proven satisfactory. [Italics ours.]

The patent to Heltewig discloses a woven fabric in which elastic threads are incorporated in the weft only. The patent states some of the uses for which the fabric is suitable, such as varix bandages, knee protectors for sport, mittens, etc. The claim of the patent, however, is very broad and reads as follows:

1. A rubber-elastic woven or knitted fabric in which rubber-threads at stretched state are shot as weft alternately with yarn-wefts into the warp or row of loops adjusted wider in accordance with the rubber-stretching.

The Examiner in his statement recited several grounds of rejection as follows:

The invention in this case does not appear to reside in garments. No garment structure is recited in the claims. The structure recited is for the most part that of the fabric. Such expressions as "outer garment" and "tailored business suit" are too indefinite to convey any particular structure, and each of the claims was rejected as being indefinite.

. . . . . .

It is not apparent that applicant has, by selecting a material of the character disclosed for an outer garment or business suit, done anything of a radical nature to warrant invention, and each of the claims accordingly was further rejected as calling for lack of invention, for this reason.

Each of the claims was further rejected on the art above explained. While Field discloses the use of an inherently stretchable elastic fabric in an undergarment, it would not involve invention to employ such a fabric in an outer garment. Field faced applicant's problem of constructing a fabric that would conform to the body of the wearer when assuming different postures and so solved it as did applicant, by employing fabric embodying elastic threads. Therefore, in view of this teaching of Field it would not involve invention to employ such a fabric in an outer garment, whether it be a suit, a vest, a pair of trousers, or a dress.

While the claims do not specifically disclose that the elastic threads lie only in the weft of the fabric, nevertheless, the patent to Heltewig discloses this feature and the claims accordingly were further rejected on Field in view of Heltewig.

The Board of Appeals in its decision stated:

All of the appealed claims are directed to a garment such as a business or tailored suit made from woven fabric having practically no stretch in the vertical direction but having a considerable stretch circumferentially. No special type or style of suit is claimed. The novelty, if any, must necessarily reside in the particular kind of cloth used. As described, this cloth is made of the usual woolen thread for the warp and weft, but interposed at suitable intervals in the wefts are elastic threads having a rubber core wrapped with fiber so as to resemble ordinary woolen thread. These elastic threads are put under slight tension so as to hold the other weft threads in a slightly slack condition.

Each of the patents to Field and Heltewig shows that it is old to make up woven fabric in the manner set forth in these claims, but it is clear from the description that the fabric disclosed in these patents was intended for use mainly in making under-garments, bandages, mittens, socks, etc. It is also well known that in making up suits from ordinary woven fabric, it is the rule that the length of the garment shall run in the direction of the warp. This is done for the reason that such cloth is practically inextensible in the direction of the warp, and is extensible to a limited degree in the direction of the wefts. Appellant has accentuated the latter characteristic by the addition of his rubber threads. It is probable that the real reason of not using rubber threads of this type heretofore in making men's clothing was due to the fact that suitable rubber thread was not available. It appears to us that in view of the prior art that appellant's addition was more or less obvious, and, therefore, not entitled to patent protection.

It will be observed that the Board did not specifically affirm the first two grounds of rejection by the Examiner, but relied principally upon the third

ground of rejection, viz., lack of patentability over the cited references.

It is our opinion that this was a valid ground of rejection. However, in so holding we do not pass upon the question of whether or not the material described in the claims, out of which the outer garments are made, is itself patentable. The only claims before us are for a manufacture, viz., an outer garment such as a suit of clothes, made out of specified material. If invention be involved in the claims at all, it is in the conception of a suit of clothes made out of a material so formed as to stretch in a body encircling direction. If the prior art discloses fabric having a one-way stretch, and a use of such fabric that would make it obvious to one skilled in the art of making clothes that material possessing this property could be utilized in making an outer garment such as a suit of clothes, then the claims here involved lack patentability and it is immaterial whether the fabric out of which the clothes are made, as described in the claims, is a patentable improvement over the material disclosed by the prior art.

The patent to Field states that the invention relates to "corsets, girdles, and the like," but the claims are broad and specifically cover all garments worn next to the body. While it is true that the patent discloses a fabric possessing primarily two-way stretch, it also discloses that it had been proposed in the prior art to use, in the making of undergarments, "pieces of material which are elastic in one direction," and the patent further discloses, as a part of the invention, the insertion of non-elastic threads in the weft of the fabric to limit the stretch of the elastic threads in the weft.

As hereinbefore noted, the patent to Heltewig discloses a fabric having elastic threads only in the weft, and that such material is useful for mittens, among other things.

The articles embraced in the involved claims, those embraced in the Field patent, and some at least of those named in Heltewig, come under the general designation of wearing apparel. *Arnold* v. *United States*, 147 U. S. 494.

A bathing suit would clearly be covered by the Field patent, and we think it clear, in view of the Heltewig patent, that it would not involve invention to produce a bathing suit which stretched in one direction only. While it might not be so clearly obvious to employ material disclosed by the cited art in the production of an outer garment, we are not satisfied that the Patent Office tribunals erred in holding that such use would be obvious, and therefore, in accordance with the well established rule that concurring decisions of the Patent Office tribunals will not be reversed in such cases unless manifestly wrong, the decision of the Board of Appeals should be affirmed.

We think the case at bar is distinguishable from the case of *Van Heusen Products, Inc., et al.* v. *Bard & Wilson*, 300 Fed. 922, decided by the District Court for the Southern District of New York. In that case, while fabric of the general nature there involved was known to the prior art, no prior use of such fabric was shown that would lead anyone to believe that it might be employed in the making of collars. Therefore, without approving or disapproving the holding in that case, we do not think that it is relevant here.

For the reasons stated herein, the decision of the Board of Appeals is affirmed.

Affirmed.

GRAHAM, *P. J.*, sat during the argument of this case, but died before the opinion was prepared.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,184,189, G. Lockhart, Lock; 1,192,215, same, Door closing and locking device, D. C., S. D. N. Y., Doc. E 58/135, *G. Lockhart* v. *The Interborough Rapid Transit Co.* Master's report confirmed, bill dismissed on merits (notice Nov. 18, 1937).

1,192,215. (See 1,184,189.)

1,262,860, S. B. Smith, Incubator, D. C. Oreg. (Portland), Doc. E 9527, *S. B. Smith* v. *A. B. Coin.* Doc. E 9531, *S. B. Smith* v. *L. B. Cobe.* Dismissed Nov. 15, 1937, in each case.

1,353,743, G. W. Graves, Stove; 1,475,587, J. E. Leonard, Kitchenette stove and cabinet; Des. 82,007, J. Teller, Cabinet gas range; 1,817,856, same, Cabinet gas stove and range; 1,825,373, same, Safety device for gas stoves and ranges; 1,836,782, same, Stove structure; Des. 85,353, Teller & Schulz, Cabinet cooking range; Des. 85,769, same, Closed top cabinet gas, electric, or oil range; Des. 85,354, Des. 85,636, same, Gas or electric cabinet range; 1,840,751, same, Gas stove and range; Des. 86,524, R. B. Hart, Gas range; 1,935,567, H. H. Heidbreder, Range, D. C., E. D. Pa., Doc. 8131, *Teller Stove Designing Corp.* v. *Gimbel Bros.* Discontinued Nov. 18, 1937.

1,397,600, W. O. Owens, Production of dissolve effects in moving picture films; 1,397,601, same, Device for use in fade-printing; 1,397,602, same, Production of insets on moving picture films, filed Nov. 19, 1937, D. C., S. D. Calif. (Los Angeles), Doc. E 1290–M, *A. R. Owen* v. *Columbia Pictures Corp. of Calif., Ltd., et al.*

1,397,601. (See 1,397,600.) 1,397,602. (See 1,397,600.)

1,403,475, H. D. Arnold, Vacuum tube circuit; 1,403,932, R. H. Wilson, Electron discharge device; 1,507,016, L. de Forest, Radio signaling system; 1,507,017, same, Wireless telegraph and telephone system; 1,618,017, F. Lowenstein, Wireless telegraph apparatus; 1,702,833, W. S. Lemmon, Electrical condenser; 1,811,095, H. J. Round, Thermionic amplifier and detector; Re. 18,579, Ballantine & Hull, Demodulator and method of demodulation, filed Nov. 10, 1937, D. C., S. D. Calif. (Los Angeles), Doc. E 1279–J, *R. C. A. et al.* v. *L. Lowenstein (Low Radio Co.).*

1,403,932. (See 1,403,475.)

1,421,754, C. Arnao, Message apparatus; 1,962,904, Davis & Nielsen, Steaming apparatus, D. C. Minn., 4th Div., Doc. E 2987, *Lara Co., Inc.*, v. *American Beauty Products Co.* Consent decree for plaintiff with provision for injunction Nov. 3, 1937.

1,475,587. (See 1,353,743.)

1,493,012, C. H. Abraham, Rust-proofing process and compound; 1,911,537, R. R. Tanner, Coating metal with an organic salt of the metal, filed Nov. 19, 1937, D. C., E. D. Mich. (Detroit), Doc. 8254, *Bonding Process Corp.* v. *Parker Rustproof Co.*

1,507,016. (See 1,403,475.) 1,507,017. (See 1,403,475.)

1,544,669, J. W. Macklin, Metal casing for leaf spring cover; 1,610,865, B. B. Leustig, Spring cover; 1,624,683, L. Skok, Metal casing for leaf springs; 1,648,742, F. Schlesser, Spring cover; 1,900,051, W. T. Ferguson, Metal spring cover; 2,043,536, same, Spring-cover and its manufacture, filed Nov. 19, 1937, D. C., N. D. Ohio, W. Div., Doc. E 1605, *F. L. Jacobs Co.* v. *Defiance Pressed Steel Co.*

1,573,374, P. A. Chamberlain, Radio condenser; 1,707,617, 1,795,214, E. W. Kellogg, Sound reproducing apparatus; 1,728,879, Rice & Kellogg, Amplifying system; 1,894,197, same, Sound reproducing apparatus; 2,052,316, R. H. Sagal, Variable condenser, filed Nov. 10, 1937, D. C., S. D. Calif. (Los Angeles), Doc. E 1290–M, *R. C. A. et al.* v. *L. Lowenstein (Low Radio Co.).*

1,585,318, A. W. Tupper, Time-controlled electric signaling device; 1,585,319, same, Periodic electric signaling device, filed Nov. 19, 1937, D. C., N. D. Ohio, Doc. E 5669, *Universal Neon Equipment Co.* v. *C. Oberlin.*

1,585,319. (See 1,585,318.) 1,610,865. (See 1,544,669.)

1,611,767, E. D. Misner, Drive mechanism for washing machines, D. C., E. D. Mich., S. Div., Doc. 8232, *Universal Devices, Inc., et al.* v. *Republic Supply Corp.* Dismissed with prejudice to plaintiff (notice Nov. 19, 1937).

1,618,017. (See 1,403,475.) 1,624,683. (See 1,544,669.)

1,648,742. (See 1,544,669.)

1,649,310, E. A. Joline, Flexible shaft, D. C., E. D. Pa., Doc. 9515, *S. S. White Dental Mfg. Co.* v. *A. Merymor.* Injunction Nov. 16, 1937.

1,662,035, 1,710,804, F. L. Smith et al., Tire-retreading mold; 1,760,944, E. A. Glynn, Tire-retreading mold, D. C., S. D. Calif. (Los Angeles), Doc. E 951–J, *Super Mold Corp.* v. *A. B. Goodman (Tr-Recapping Co.).* Decree for plaintiff, injunction July 23, 1937. (To correct error in 423 O. G., p. 239, originally published as "Bill dismissed for want of equity July 23, 1937.)

1,702,833. (See 1,403,475.)

1,705,171, B. Avron, Combination garment, D. C., S. D. N. Y., Doc. E 82/268, *Thomas & Marcus, Inc.*, v. *Debutante Lingerie Corp.* Consent decree for plaintiff (notice Nov. 18, 1937).

1,707,617. (See 1,573,374.)

1,710,073, 1,714,191, S. Ruben, Electrical condenser, D. C., W. D. N. Y., Doc. 1855, *Ruben Condenser Co. et al.* v. *N. Abelson et al. (United Radio Service).* Dismissed for lack of prosecution Nov. 9, 1937.

1,710,804. (See 1,662,035.)

1,713,626, R. E. Schlotter, Attachment for flat knitting machine, D. C., E. D. Pa., Doc. 9297, *Textile Machine Works* v. *Rosedale Knitting Co.* Consent decree dismissing bill without prejudice Nov. 16, 1937.

1,714,191. (See 1,710,073.)

1,718,245, 1,718,246, J. T. McGarry, Railway water column, filed Nov. 18, 1937, D. C., S. D. Ohio, W. Div., Doc. 1027, *The American Valve & Meter Co.* v. *J. T. McGarry (Railroad Products Co.) et al.*

1,718,246. (See 1,718,245.)

1,718,833, L. A. Prescott, Oil tank bracing, D. C., E. D. Pa., Doc. 6707, *John Wood Mfg. Co.* v. *The Wayne Pumps Co.* Consent decree for plaintiff Nov. 15, 1937.

1,721,530, 1,757,978, 1,747,681, J. Schick, Shaving implement, filed Nov. 20, 1937, D. C., S. D. N. Y., Doc. E 86/74, *Schick Dry Shaver, Inc., et al.* v. *R. H. Macy & Co., Inc.* Doc. E 86/75, *Schick Dry Shaver, Inc., et al.* v. *Sears, Roebuck & Co.*

1,728,879. (See 1,573,374.)

1,732,708, Withrow & Close, Burner, filed Nov. 16, 1937, D. C., E. D. N. Y., Doc. E 5417, *The Toledo Pressed Steel Co.* v. *Montgomery Ward & Co., Inc.*

1,747,681. (See 1,721,530.)

1,754,669, J. H. Cohen, Heater, D. C. R. I. (Providence), Doc. E 527, *Casco Products Corp.* v. *Kaufman & Chernick, Inc., et al.* Dismissed without prejudice (notice Nov. 15, 1937).

1,757,978. (See 1,721,530.)

1,760,944. (See 1,662,035.)

1,762,903, J. F. Werder, Self-dispensing liquid package; 1,788,261, same, Sheet metal can and method of making same; 2,031,065, same, Method of forming metal containers, D. C., N. D. Ohio, E. Div., Doc. 5494, *J. F. Werder et al.* v. *The Miller Becker Co.* Dismissed for want of equity (notice Nov. 4, 1937).

1,774,363, F. Greenberg, Adjustable hook, D. C., S. D. N. Y., Doc. E 82/248, *F. Greenberg* v. *Frank's Hardware Supply Co., Inc., et al.* Consent decree for plaintiff (notice Nov. 16, 1937).

1,781,672, E. B. Working, Chocolate material and method of making same, appeal filed Sept. 17, 1937, C. C. A., 1st Cir., Doc. 3284, *J. O. Ferguson Mfg. Works, Inc.*, v. *American Lecithin Co.*

1,788,261. (See 1,762,903.) 1,795,214. (See 1,573,374.)

1,811,095. (See 1,403,475.)

1,817,856. (See 1,353,743 and Des. 82,007.)

1,825,373. (See 1,353,743.)

1,836,782. (See 1,353,743 and Des. 82,007.)

1,840,751. (See 1,353,743.)

1,854,174, J. M. Bowman, Fender for agricultural implements, filed Nov. 13, 1937, D. C., S. D. Calif. (Los Angeles), Doc. E 1285–M, *J. M. Bowman* v. *F. E. Bishop.*

1,893,139, H. C. Gessler, Sugar dispenser, filed Nov. 18, 1937, D. C., S. D. N. Y., Doc. E 86/67, *Measuring Device Corp. et al.* v. *Kroll Restaurant Supply Co., Inc.*

1,893,535, M. K. Buchanan, Ice cube pan lifter, D. C., S. D. N. Y., Doc. E 81/308, *Mechanical Ice Tray Corp.* v. *Servel, Inc.* Consent and order of discontinuance without prejudice (notice Nov. 16, 1937).

1,894,197. (See 1,573,374.) 1,900,051. (See 1,544,669.)

1,900,485. (See 1,976,478.)

1,908,089, J. A. Weiger, Welding electrode, filed Nov. 10, 1937, D. C., E. D. Mich. (Detroit), Doc. 8248, *P. R. Mallory & Co., Inc.*, v. *Hackett Brass Foundry, Inc., et al.*

1,911,537. (See 1,493,012.)

1,935,567. (See 1,353,743 and Des. 82,007.)

1,957,274. (See Des. 98,374.)

1,976,478, S. N. Buchanan, Grounding fitting; 1,900,485, L. H. Church, same, filed Nov. 12, 1937, D. C., S. D. Calif. (Los Angeles), Doc. E 1282–Y, *S. W. Borden* v. *G. L. Barnes et al.*

1,981,760, V. L. Sussberg, Slip, D. C., S. D. N. Y., Doc. E 80/291, *Sussberg & Feinberg, Inc.*, v. *Lerner Stores Corp. et al.* Dismissed without prejudice (notice Nov. 18, 1937).

1,982,904. (See 1,421,754.)

2,007,784, M. Wittmann, Doll, filed Nov. 18, 1937, D. C., S. D. N. Y., Doc. E 86/68, *M. Wittmann et al.* v. *Ideal Novelty & Toy Co., Inc.*

2,009,549, W. A. Gwynn, Vulcanising device, filed Nov. 19, 1937, D. C., S. D. Ohio (Columbus), Doc. 1222, *W. A. Gwynn et al.* v. *Rance, Inc.*

2,031,065. (See 1,762,903.)

2,039,780, S. Freeman, Hair curling device and method of curling the hair, D. C., S. D. N. Y., Doc. L 67/137, *W. Finkelstein (Eastern Trading Co.)* v. *Hair Net Pechers, Inc.* Withdrawn by consent (notice Nov. 15, 1937).

2,043,536. (See 1,544,669.) 2,052,316. (See 1,573,374.)

2,065,322, B. G. Robertson, Art of veneering surfaces, D. C., S. D. Indiana (Evansville), Doc. E 126, *Finishing Systems, Inc.*, v. *The Huntingburg Wood Products Co., Inc.* Consent decree enjoining defendant Nov. 17, 1937.

2,069,871, S. O. Blanc, Cutter member for cleaning drain pipes, filed Nov. 19, 1937, D. C., S. D. Ohio, W. Div., Doc. E 1028, *S. O. Blanc* v. *W. C. Curtis (Electric Sewer Service Co.).*

2,082,490, B. J. Goldsmith, Displaying and dispensing means for narrow fabrics, filed Nov. 12, 1937, D. C., S. D. N. Y., Doc. E 86/45, *General Ribbon Mills, Inc.*, v. *J. C. Welwood Corp.*

2,069,807, A. J. Mottlau, Clutch system, filed Nov. 17, 1937, D. C., W. D. Pa., Doc. E 3352, *J. E. Foster* v. *Chrysler Corp. et al.*

Re. 17,893, C. Meyer, Juice extractor, D. C., S. D. N. Y., Doc. E 64/217, *Press-or Co.* v. *Bungay-Wolf Corp.* Dismissed (notice Nov. 22, 1937).

Re. 18,579. (See 1,403,475.)

Re. 19,922, E. J. Gengler, Stock enclosure and system of electrically charging same, D. C., E. D. Wis. (Milwaukee), Doc. 4801, *E. J. Gengler et al.* v. *Waukesha Electric Co., Inc.* Patent held valid and infringed Nov. 13, 1937. Doc. 5016, *E. J. Gengler et al* v. *O. Coburn et al.* (*One-Wire Fence Co.*). Consent decree holding four claims of patent valid and infringed Nov. 16, 1937.

Des. 82,007, 1,817,856, J. Teller, Cabinet gas range; 1,836,783, same, Stove structure; Des. 85,354, Des. 85,626, Teller & Schuls, Gas or electric cabinet cook stove or range; Des. 85,962, same, Cabinet cooking range; 1,935,567, H. H. Heidbreder, Range, D. C., E. D. Pa., Doc. 9853, *J. Teller et al.* v. *Standard Gas Equipment Corp.* Consent decree for plaintiff Nov. 18, 1937.

Des. 82,007. (See 1,353,743.)

Des. 83,769. (See 1,353,743.)

Des. 85,353. (See 1,353,743.)

Des. 85,354. (See 1,353,743 and Des. 82,007.)

Des. 85,626. (See 1,353,743 and Des. 82,007.)

Des. 85,962. (See Des. 82,007.)

Des. 86,524. (See 1,353,743.)

Des. 96,129, Des. 100,911, J. D. Wiener, Lace, D. C., S. D. N. Y., Doc. E 84/79, *J. D. Wiener et al.* v. *Acme Textiles, Inc.* Consent order of discontinuance (notice Nov. 12, 1937).

Des. 96,191, S. Troy, Shoe, D. C., S. D. N. Y., Doc. E 83/99, *Seymour Trou, Inc.*, v. *Arnold Constable Corp.* Discontinued without prejudice (notice Nov. 18, 1937).

Des. 98,374, J. W. Taylor, Bracelet; 1,957,374, I. R. Lederer, Clasp for cord bracelets, D. C. R. I., Doc. E 828, *S. & B. Lederer Co. et al.* v. *O. P. Schaller.* Dismissed without prejudice (notice Nov. 15, 1937).

Des. 100,911. (See Des. 96,129.)

Des. 102,696, H. N. McLellan, Chair, filed Oct. 12, 1937, D. C., N. D. Ohio, Doc. E 5056, *The Taylor Chair Co.* v. *The Morbel & Shattuck Chair Co.*

Des. 103,191, S. Dick, Ensemble dress, D. C., S. D. N. Y., Doc. E 85/58, *Blairs Dress Co., Inc.*, v. *Trussel Dress Co., Inc.* Consent order of discontinuance (notice Nov. 19, 1937).

Des. 104,836, Des. 104,837, H. O. Ebeling, Plate, filed Nov. 20, 1937, D. C., S. D. N. Y., Doc. E 86/76, *Ebeling & Reuse, Inc.*, v. *Taigo Trading Co.*

Des. 104,837. (See Des. 104,836.)

Des. 105,900, B. Salsberg, Decorative nail, D. C., S. D. N. Y., Doc. E 85/370, *Metropolitan Button Works, Inc.*, v. *Dixie Novelty Co., Inc.* Consent order of discontinuance without prejudice (notice Nov. 12, 1937).

Des. 106,346, E. M. Ciccone, Dress, D. C., S. D. N. Y., Doc. E 85/371, *Theo. Posner & Bros., Inc.*, v. *Galaxy Dress Corp.* Consent decree for plaintiff (notice Nov. 17, 1937).

Des. 106,363, O. Wusitz, Dress, D. C., S. D. N. Y., Doc. E 85/376, *Heymen & Cohen, Inc.*, v. *Ivy Dress Co., Inc.* Consent decree for plaintiff (notice Nov. 15, 1937.)

TRADE-MARKS

OFFICIAL GAZETTE, FEBRUARY 1, 1938

[VOL. 487. No. 1]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 2

Receptacles

Ser. No. 400,641. F. H. HILL COMPANY, INC., Cleveland, Ohio. Filed Dec. 9, 1937.

HILCO

For Burial Caskets.
Claims use since 1913.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 399,686. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del., and San Francisco, Calif. Filed Nov. 12, 1937.



For Cleaning Solvents for General, Household, Professional, and Commercial Cleaning.
Claims use since May 23, 1936.

Ser. No. 400,070. SOBOL BROS. SERVICE STATIONS, INC., New York, N. Y. Filed Nov. 23, 1937.

SOBOLENE

For Liquid Auto Engine Cleaner.
Claims use since July 15, 1937.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 385,554. HARLEY A. MONTGOMERY, Detroit, Mich., assignor to The H. A. Montgomery Co., Inc., Detroit, Mich., a corporation of Michigan. Filed Nov. 18, 1936.

MONITOL



For Paste or Ointment Base for Use of the Medical Profession in Preparing Healing Salves for Treatment of Skin Abrasions, Cuts, Bruises, Burns, Swellings and Other External Ailments, Antiseptic Healing Dressings, Disinfectants and Germicides, Germicidal Oil Preparations for Dermatitis Control, Hand Creams for Dermatitis Control, Hog and Sheep Dips, Antiseptic Lanolin for Control of Dermatitis, Particularly as Affecting the Hands; Preparations for Treating an Inflamed Condition of the Udders and Bags of Cattle, and for the Ailment Known as "Caked Bag"; Preparations for Treating Screw Worms in Cattle; Preparations for Treating Arthritis, Rheumatism, and Sciatica; Insecticidal Animal Sprays, and Fly Sprays for Live Stock.
Claims use since Apr. 1, 1935.

Ser. No. 396,684. LUCKY TIGER MANUFACTURING COMPANY, Kansas City, Mo. Filed Aug. 23, 1937.



The drawing is lined for silver and red. All notations

except "Lucky Tiger" and "Medi" are disclaimed apart from the mark. The words "Trade Mark Reg. U. S. A." are completely disclaimed.
For Medicated Skin Cream.
Claims use since Aug. 1, 1937.

Ser. No. 396,746. H. R. BROWNLEE, Cleveland, Ohio, assignor to The Ortholine Laboratories Incorporated, Cleveland, Ohio. Filed Oct. 20, 1937.

ORTHOLINE

For Ointment for Bruises, Burns, Infections and Inflammations, Headaches and Simple Sore Throat, La Grippe, Spasmodic Croup; Surgical Dressing for Wounds, Sores, Abrasions, Cuts, Etc.; Inhalant for Head Colds, Sinus Troubles.
Claims use since Jan. 1, 1936.

Ser. No. 396,775. IRVIN E. LAPE, Lancaster, Ohio. Filed Oct. 21, 1937.



The words "Original Eczema Salve" are disclaimed apart from the mark. The portrait is that of Dr. R. A. Lape, deceased.
For Salve for External Treatment of Eczema and Skin Eruptions.
Claims use since Feb. 25, 1937.

Ser. No. 396,135. GEORGE GAMBLE, doing business as do Muir Laboratories, Boston, Mass. Filed Oct. 30, 1937.

PATELS

For Facial Pads Used as a Combined Cleanser, Mild Astringent, and Make-Up Base.
Claims use since Oct. 22, 1937.

Ser. No. 396,422. PARFUMERIE ROGER ET GALLET SOCIETE ANONYME, Paris, France. Filed Nov. 6, 1937.

FUGUE

For Perfumes, Toilet Powders, Powder and Rouge Compacts, Rouge Lipsticks, Bath Salts, Lotions for the Skin and Hair, and Sachets.
Claims use since Mar. 15, 1932.

Ser. No. 396,668. LEBAL COMPANY OF AMERICA, LTD., San Francisco, Calif. Filed Nov. 12, 1937.

CODALCIUM

For Cod Liver Oil Preparation in Powder Form with the Addition of Calcium.
Claims use since Oct. 1, 1937.

Ser. No. 396,733. CLARENCE F. SELSER, New York, N. Y. Filed Nov. 13, 1937.



The portrait is fanciful.
For Cosmetics—Namely, Face Powder, Face Cream, Lipstick, Rouge, and Nail Polish.
Claims use since Oct. 30, 1937.

Ser. No. 396,976. ONYX OIL & CHEMICAL COMPANY, Jersey City, N. J. Filed Nov. 20, 1937.

FIBA-WELD

For Chemical Substance Useful as a Sizing, Finishing, Stiffening, and Shift Proofing Agent on Yarns and Fabrics of Every Kind and Description.
Claims use since July, 1937.

Ser. No. 396,978. PROFESSIONAL LABORATORIES, INC., New York, N. Y. Filed Nov. 20, 1937.

TRILACTIC

For Lactic Acid.
Claims use since Nov. 15, 1937.

Ser. No. 400,107. LABILAB, New York, N. Y. Filed Nov. 24, 1937.



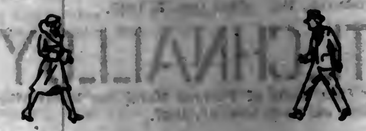
No claim is made to the word "Harlem" apart from the mark.
For Cosmetics—Namely, Face Powder and Foundation Cream.
Claims use since Nov. 12, 1937.

Ser. No. 400,175. MARY TIMMAN, doing business as General Beautilities, New York, N. Y. Filed Nov. 26, 1937.



For Hair Coloring Preparation Known as Oil Shampoo Tint.
Claims use since Nov. 10, 1937.

Ser. No. 400,191. THE B. E. WALK CORPORATION, New York, N. Y. Filed Nov. 27, 1937.



For Foot Powder and Deodorants.
Claims use since June 1, 1932.

Ser. No. 400,313. HERMAN B. LAYMON, doing business as World's Products Company, Spencer, Ind. Filed Nov. 30, 1937.

Gon

For Liquid Preparation for Correction of Unpleasant Breath.
Claims use since June 15, 1937.

CLASS 9

Explosives, Firearms, Equipments, and Projectiles

Ser. No. 399,951. LAUD S. BYRNS, Glendale, Calif. Filed Nov. 20, 1937.



The representation of the bomb is disclaimed apart from the mark.
For Ordnance Such as Aerial Bombs and Hand Grenades.
Claims use since Nov. 17, 1937.

Ser. No. 399,952. LAUD S. BYRNS, Glendale, Calif. Filed Nov. 20, 1937.



The word "Explosives" is disclaimed apart from the mark.
For High Explosives.
Claims use since Nov. 17, 1937.

CLASS 11

Inks and Inking Materials

Ser. No. 400,083. NATIONAL RIBBON & CARBON MFG. CO., Chicago, Ill. Filed Dec. 17, 1937.

Masterpiece

For Carbon Writing Paper and Typewriter Ribbons.
Claims use since Nov. 1, 1937.

CLASS 12

Construction Materials

Ser. No. 396,370. SAMSON PLASTER BOARD COMPANY, Buffalo, N. Y. Filed Dec. 6, 1936.

SAMSONITE

For Composition Hardboard, Semi-Hardboard, and Treated Hardboard.
Claims use since March, 1931.

Ser. No. 391,185. JAMES E. MARBLE, Delawanna, N. J. Filed Apr. 10, 1937.

WEATHERCAP

for

PERMANENT MASONRY JOINT PROTECTION

No claim is made to the representation of the goods or to the words "Weathercap" and "for Permanent Masonry Joint Protection" apart from the mark.

For Guards for Protecting the Bonding Material Used Between Masonry Joints.

Claims use since Jan. 15, 1936.

Ser. No. 396,979. WELLINGTON E. BULL, New York, N. Y. Filed Oct. 23, 1937.

INTEN-CEMENT

I-C

The word "Cement" is disclaimed apart from the mark.

For Water-Proofing Material—Namely, a Liquid Chemical Preparation Having an Affinity for Portland Cement, To Be Added to the Water Content of Concrete for the Purpose of Water Proofing.

Claims use since Jan. 30, 1934.

Ser. No. 399,079. EVER-PLASTICS CORPORATION, New York, N. Y. Filed Oct. 29, 1937.

PUTITE

For Plastic Compounds for Use as a Filler and for Setting Glass, Ceramic, Metal, and Composition Tiles and Glass Brick.

Claims use since Sept. 21, 1937.

Ser. No. 400,027. PORCELAIN METALS, INC., Long Island City, N. Y. Filed Nov. 22, 1937.

Suporcel

For Especially Fabricated Metal Primarily in Sheet Form Usable in the Construction of Signs, Store Fronts, Interiors, Partitions, and the Like and Specifically in the Nature of Porcelain Enamel Fused on Steel.

Claims use since Jan. 5, 1936.

Ser. No. 400,081. BINNEY & SMITH CO., New York, N. Y. Filed Nov. 24, 1937.

CEN-AID

For Prepared Carbon Black for Use in the Cement Industry.

Claims use since Nov. 9, 1937.

Ser. No. 400,082. BINNEY & SMITH CO., New York, N. Y. Filed Nov. 24, 1937.

CEN BEADS

For Prepared Carbon Black for Use in the Cement Industry.

Claims use since Nov. 9, 1937.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 399,545. THE AMERICAN ROLLING MILL COMPANY, Middletown, Ohio. Filed Nov. 10, 1937.

H.T.-50

For Iron or Steel Sheets.

Claims use since Feb. 8, 1936.

Ser. No. 400,560. MACKINTOSH-HEMPHILL COMPANY, Pittsburgh, Pa. Filed Dec. 7, 1937.

TECHNALLOY

For Cast Rolls of Ferrous Metal for Metal Working.

Claims use since Nov. 17, 1937.

Ser. No. 400,561. MACKINTOSH-HEMPHILL COMPANY, Pittsburgh, Pa. Filed Dec. 7, 1937.

TECHNICHILL

For Cast Rolls of Ferrous Metal for Metal Working.

Claims use since Sept. 27, 1937.

Ser. No. 400,562. MACKINTOSH-HEMPHILL COMPANY, Pittsburgh, Pa. Filed Dec. 7, 1937.

TECHNIGRAIN

For Cast Rolls of Ferrous Metal for Metal Working.

Claims use since Sept. 28, 1937.

Ser. No. 400,564. MACKINTOSH-HEMPHILL COMPANY, Pittsburgh, Pa. Filed Dec. 7, 1937.

TECHNISAND

For Cast Rolls of Ferrous Metal for Metal Working.

Claims use since Aug. 26, 1937.

Ser. No. 400,621. VANADIUM CORPORATION OF AMERICA, Bridgeville, Pa. Filed Dec. 8, 1937.

GRAPHIDOX

For Deoxidising and Graphitising Alloy for Cast Iron.

Claims use since Nov. 22, 1937.

CLASS 15

Oils and Greases

Ser. No. 399,695. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del., and San Francisco, Calif. Filed Nov. 12, 1937.



For Lubricating Oils, Flushing Oils.

Claims use since May 23, 1936.

Ser. No. 399,774. NEW YORK & NEW JERSEY LUBRICANT COMPANY, New York, N. Y. Filed Nov. 15, 1937.

N.F.O.

For Lubricating Oils and Greases.

Claims use since 1905.

CLASS 16

Paints and Painters' Materials

Ser. No. 394,289. I. F. LAUCKS, INC., Seattle, Wash. Filed June 19, 1937.

CHINX

For Wood Putty and Wood Filler, Which Also May Be Used as a Putty or Filler for Stucco, Cement, or Plaster to Provide a Uniform Surface to be Painted or Otherwise Decorated.

Claims use since June 12, 1937.

Ser. No. 400,119. NATIONAL CO-OPERATIVES, INC., Indianapolis, Ind. Filed Nov. 24, 1937.

NATIONAL CO-OP CO-OPERATIVES

For Ready Mixed Paints, Varnishes, and Paint Enamels.

Claims use since 1923.

Ser. No. 400,542. VITA VAR CORP., Newark, N. J. Filed Dec. 6, 1937.

1888

For Paint Enamel, Spar Varnish, and Flat Wall Paint.

Claims use since Oct. 1, 1937.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 400,178. YELLOW TRUCK AND COACH MANUFACTURING COMPANY, Pontiac, Mich. Filed Nov. 26, 1937.

TRAILABOUT

For Trailers and Structural Parts Thereof.

Claims use since Aug. 25, 1937.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 395,742. MCGRAW ELECTRIC COMPANY, Chicago, Ill., and St. Louis, Mo. Filed July 30, 1937.

FUSTAT

For Fuses and Circuit Makers and Breakers.

Claims use since Aug. 19, 1936.

Ser. No. 399,308. R. H. MACY & CO., INC., New York, N. Y. Filed Nov. 4, 1937. Under section 5b of the act of 1905 as amended in 1920.

MACY'S

For Aerial Kits, Radio Tubes, Electric Percolators, Electric Waffle Irons, and Electric Toasters.

Claims use since 1926 on aerial kits; since 1929 on electric percolators, electric waffle irons, and electric toasters; and since 1930 on radio tubes.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 394,729. THE SHURFATCH FISHING TACKLE CO. INC., Richfield Springs, N. Y. Filed June 30, 1937.

SHURFISH

For Wood Minnows, Artificial Bait, Fishing Rods, Fishing Reels, Fishing Lines, Fish Hooks, Fishing Sinkers, Fishing Floats, and Furnished Lines for Fish.
Claims use since Feb. 12, 1937.

Ser. No. 396,913. MEIER & FRANK COMPANY, INC., Portland, Oreg. Filed Oct. 25, 1937.

Timberline

For Skis, Ski Bindings, and Ski Poles.
Claims use since Sept. 27, 1937.

Ser. No. 396,933. PIEGEN MANUFACTURING COMPANY, Coney Island, Brooklyn, N. Y. Filed Oct. 25, 1937.

8 SPOT 8

For Bowling Game Consisting of an Inclined Alley Employing a Background of Magnetized Spots and Small Steel Balls for Projection.
Claims use since Sept. 1, 1937.

Ser. No. 400,589. CHARLES A. CLARK, doing business as C. A. Clark Co., Springfield, Mo. Filed Dec. 8, 1937.

Water Scout

For Artificial Bait.
Claims use since June, 1935.

Ser. No. 400,594. GEM CITY MACHINES, INC., Dayton, Ohio. Filed Dec. 8, 1937.

GEMCO

For Miniature Shooting Gallery.
Claims use since Nov. 20, 1937.

Ser. No. 400,946. FREDERICK M. ROBERT BURNS, New York, N. Y. Filed Dec. 17, 1937.

THE WORLD OF TOMORROW

For Board Games.
Claims use since Feb. 18, 1937.

Ser. No. 400,979. MARKWELL MANUFACTURING COMPANY, INC., New York, N. Y. Filed Dec. 17, 1937.

GUESTS

For Playing Cards.
Claims use since Dec. 7, 1937.

Ser. No. 400,980. MARKWELL MANUFACTURING COMPANY, INC., New York, N. Y. Filed Dec. 17, 1937.

HOSTS

For Playing Cards.
Claims use since Dec. 7, 1937.

Ser. No. 401,136. EAGLE LOCK COMPANY, Terryville, Conn. Filed Dec. 22, 1937.

SCREWY

For Table Game Played With a Miniature Fishing Pole and Magnet Device.
Claims use since Sept. 15, 1937.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 337,305. MORRIS MACHINE WORKS, Baldwinsville, N. Y. Filed Apr. 29, 1933. Under 10-year proviso.

MORRIS

For Machinery, Tools, and Parts Thereof—Namely, Pumps, Including Electric Driven Pump Units, Hydraulic Dredges, Steam Engines, and Parts of All the Foregoing, Except Purely Electrical Parts Such as Motors and Switches.
Claims use since Jan. 3, 1881.

Ser. No. 381,428. RAY I. SMYTHE, Portland, Oreg. Filed July 24, 1936.

MULTIVAT

The word "Multivat" is disclaimed apart from the mark.
For Stock Screens in Pulp and Paper Making Machinery.
Claims use since Mar. 30, 1936.

Ser. No. 388,906. KOHE JA SIIKA O. Y. MASKIN OCH BRO A. B., Helsingfors, Finland. Filed Feb. 16, 1937.

Lacta

For Dairy Machines, Namely, Cream Separators, Clarifiers and Purifiers, Butter Churns and Parts Thereof, Tools Used in Connection With Said Machinery—Namely, Hammers, Screw Drivers, Keys, and Tap Wrenches, Scythes, and Hatchets.
Claims use since June 1, 1911.

Ser. No. 389,684. ILLINOIS TOOL WORKS, Chicago, Ill. Filed Mar. 5, 1937.

ILLINITE

For Cutting Tools in Connection With Machine Tools, Tool Bits in Connection With Machine Tools, Milling Cutters, Planer Tools, Drawing and Extruding Dies, and Friction Resisting Parts of Machinery Such as Bearing Surfaces in General.
Claims use since Feb. 6, 1937.

Ser. No. 394,960. RELIABLE MERCHANDISE CO. INC., Chicago, Ill. Filed July 6, 1937.



The drawing is lined for blue and red.
For Double Edged Safety Razor Blades.
Claims use since Mar. 16, 1937.

Ser. No. 395,925. NEW IDEA, INC., Coldwater, Ohio. Filed Aug. 2, 1937.



No claim is made to the words "Invention" and "Quality" apart from the mark.
For Manure Spreaders, Transplanters, Husker-Shredders, Corn Pickers, Hay Loaders, Hay Rakes, Portable Elevators, Corn Shellers, Mowers, Portable Gasoline Engines.
Claims use since December, 1936.

Ser. No. 396,560. BRESDUCK, INC., New York, N. Y. Filed Aug. 19, 1937.

TWIX

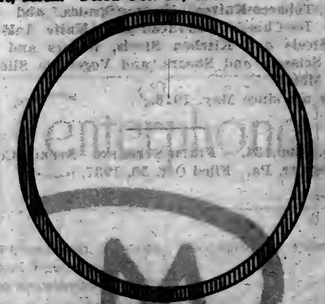
For All Manner and Kinds of Razors, Shears, Scissors, Tweezers, Appliances, Knives of Base Metal, and Hair Clippers.
Claims use since Feb. 10, 1937.

Ser. No. 396,367. NATIONAL BROACH & MACHINE CO., Detroit, Mich. Filed Oct. 11, 1937.

RED RING

For Gear Manufacturing Equipment—Namely, Machines for Finishing, Shaving, Lapping, and Checking Gears, Broaching Tools, and Machines; Spline Grinders; Flat Seal Face Grinding Machines; Gear Tooth Form Grinders; Gear Tooth Shaper Cutters, Form and Shaving Tools for Gears, Lapping Tools, and Holders Therefor.
Claims use since Apr. 26, 1924.

Ser. No. 396,368. NATIONAL BROACH & MACHINE CO., Detroit, Mich. Filed Oct. 11, 1937.



The drawing is lined for red.
For Gear Manufacturing Equipment—Namely, Machines for Finishing, Shaving, Lapping, and Checking Gears, Broaching Tools, and Machines; Spline Grinders; Flat Seal Face Grinding Machines; Gear Tooth Form Grinders; Gear Tooth Shaper Cutters, Form and Shaving Tools for Gears, Lapping Tools, and Holders Therefor.
Claims use since Apr. 26, 1924.

Ser. No. 396,369. NATIONAL BROACH & MACHINE CO., Detroit, Mich. Filed Oct. 11, 1937.



The drawing is lined for red.
For Gear Manufacturing Equipment—Namely, Machines for Finishing, Shaving, Lapping, and Checking

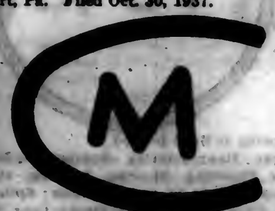
Gears, Broaching Tools, and Machines; Spline Grinders; Flat Seal Face Grinding Machines; Gear Tooth Form Grinders; Gear Tooth Shaper Cutters; Form and Shaving Tools for Gears, Lapping Tools, and Holders Therefor.
Claims use since Apr. 28, 1934.

Ser. No. 398,994. LANDERS, FRARY & CLARK, New Britain, Conn. Filed Oct. 27, 1937.

RESISTAIN

Applicant claims ownership of U. S. trade-mark registrations Certificate #117,338 issued July 3, 1917, and Certificate #132,727 issued June 29, 1920.
For Bananа-Knives, Beet-Knives, Boning-Knives, Bread-Knives, Bread-and-Butter-Knives, Broom-corn-Knives, Butcher-Knives, Butter-Knives, Cake-Knives, Carving-Knives, Cheese-Knives, Children's-Knives, Cigar-Knives, Clam-Knives, Cooks'-Knives, Cotton-Sampling-Knives, Dessert-Knives, Factory-Knives, Fish-Knives, Fruit-Knives, Gilding-Knives, Grape-Fruit-Knives, Hacking-Knives, Hop-Knives, Hunting-Knives, Lemon-Knives, Medium-Knives, Oil-Cloth-Knives, One-Arm-Man-Knives, Orange-Knives, Oyster-Knives, Pallet-Knives, Pallets, Artists' Pallets, Paper-Hangers'-Knives, Paring-Knives, Pie-Knives, Pocket-Knives, Pork-Knives, Pruning-Knives, Putty-Knives, Ribbing-Knives, Rubber-Knives, Scraping-Knives, Shoe-Knives, Skinning-Knives, Slicing-Knives, Sloyd-Knives, Splitting-Knives, Steak-Knives, Table-Knives, Tobacco-Knives, Butter-Spades and Butter-Trowels, Ice-Chisels and Ice-Picks, Knife Ink-Erasers, Market-Steels and Kitchen Steels, Razors and Safety-Razors, Scissors and Shears, and Vegetable Slicers, All of Base Metal.
Claims use since May, 1916.

Ser. No. 399,134. FIRTH-STERLING STEEL COMPANY, McKeesport, Pa. Filed Oct. 30, 1937.



For Lathe, Planer and Boring Tools, Milling Cutters, Drills, Reamers, End Mills, Toolholder Bits, Roll Turning Tools, and Similar Tools Used in the Metal, Wood, Stone, and Glass Industries.
Claims use since Oct. 19, 1937.

Ser. No. 399,401. CONVERTERS PAPER COMPANY, Newark, N. J. Filed Nov. 6, 1937.

CORRO-CUTTER

The word "Cutter" is disclaimed apart from the mark.
For Hand Operated Cutters for Cutting Sheets of Corrugated Wrapping Paper, "Corroflex", into Lengths.
Claims use since May, 1937.

CLASS 25

Locks and Safes

Ser. No. 400,655. JOSIAH PARKES & SONS, LIMITED, Willenhall, England. Filed Dec. 9, 1937.

UNION

For Locks.
Claims use since 1890.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 397,418. OLD SOUTH OPTICAL COMPANY, Nashville, Tenn. Filed Sept. 14, 1937.



The word "Lenscraft" is disclaimed apart from the mark.
For Spectacle Frames and Spectacle Mountings, Spectacle and Eye Glass Bridges, Complete Spectacles, Spectacle Temple Pieces and Optical Lenses.
Claims use since Jan. 1, 1937.

Ser. No. 398,363. CHARLES H. MARTIN, doing business as The Martin Timing Devices Company, Springfield, Mass. Filed Oct. 11, 1937.

RED BALL

For Parking Meters.
Claims use since June 15, 1937.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 400,162. JOSEPH GRANAT, doing business as Granat Bros., San Francisco, Calif. Filed Nov. 26, 1937.

Three Graces

For Finger Rings.
Claims use since Sept. 15, 1937.

Ser. No. 400,198. FORSTNER CHAIN CORPORATION, Irvington, N. J. Filed Nov. 27, 1937.

KOMFIT

For Wrist Watch Bracelets, Watch Chains, Cuff Links, Key Chains, Tie Holders, Shirt Studs Made of or Plated with Precious Metal.
Claims use since September, 1937.

CLASS 32

Furniture and Upholstery

Ser. No. 399,681. WILLIAM B. BEAR, New York, N. Y. Filed Nov. 17, 1937.



The words "Electric Dinner Wagon" are disclaimed apart from the mark. The drawing is lined to indicate blue letters on a silver background with a border of Chinese red.
For Electric Dinner Wagons.
Claims use since Oct. 15, 1937.

Ser. No. 400,042. AMERICAN RENAISSANCE ASSOCIATES, INC., White Plains, N. Y. Filed Dec. 17, 1937.

GOOD NEIGHBOR

For Chairs.
Claims use since Dec. 6, 1937.

Ser. No. 401,168. WESSEL BEDDING COMPANY, Cincinnati, Ohio. Filed Dec. 22, 1937.

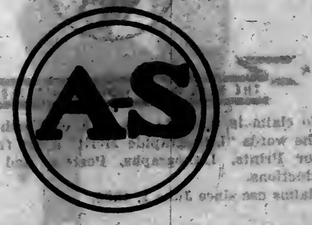
Sleepender

For Mattresses, Pillows, Box-Springs, and Studio Couches.
Claims use since Oct. 3, 1934.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 401,249. THE FISK RUBBER CORPORATION, Chicopee Falls, Mass. Filed Dec. 27, 1937.



For Vehicle Tires and Inner Tubes Made Wholly or Partly of Rubber.
Claims use since Nov. 23, 1937.

CLASS 36

Musical Instruments and Supplies

Ser. No. 396,731. CENTER MUSIC STORES, INC., New York, N. Y. Filed Aug. 25, 1937.



For Phonograph Records, Phonographs, Combination Radios and Phonographs.
Claims use since Jan. 1, 1937.

Ser. No. 399,161. WINTER & CO., New York, N. Y. Filed Oct. 30, 1937.



For Pianos, Organs.
Claims use since June 15, 1937.

CLASS 38

Prints and Publications

Ser. No. 380,953. FRANK C. LEE, Grand Rapids, Mich. Filed July 13, 1936.

MODERNEER

For Sketches Showing Veneer Finishes Imprinted by a Composition Roller.
Claims use since July 1, 1936.

Ser. No. 393,480. CONTINENTAL LITHOGRAPH CORPORATION, Cleveland, Ohio. Filed June 1, 1937.



No claim is made to the map of North America nor to the words "Lithographic Merit" apart from the mark.
For Prints, Lithographs, Posters, and Lithographic Productions.
Claims use since June 1, 1936.

Ser. No. 395,701. COSMOS CODES, New York, N. Y. Filed July 28, 1937.



For Code Books.
Claims use since August, 1936.

Ser. No. 396,749. RADIO CORPORATION OF AMERICA, New York, N. Y. Filed Aug. 25, 1937.

LISTEN

For Monthly Pictorial Magazine Devoted to Technical Advances in Radio.
Claims use since Aug. 16, 1937.

Ser. No. 397,910. THE POTTER COMPANY, North Chicago, Ill. Filed Sept. 28, 1937.

POTTER POSTER

For Publications Containing Automotive Service Data and Information Published from Time to Time.
Claims use since Nov. 1, 1936.

Ser. No. 399,402. THE CROWELL PUBLISHING COMPANY, New York, N. Y. Filed Nov. 6, 1937.

THE American Previewer

The term "American" is disclaimed.
For Periodical Publication.
Claims use since Aug. 12, 1937.

Ser. No. 399,466. CASEIN COMPANY OF AMERICA, INC., New York, N. Y. Filed Nov. 8, 1937.

The CASCO idea*

The word "Casco" is disclaimed apart from the mark.
For Trade Publication Published at Irregular Intervals.
Claims use since Nov. 15, 1925.

Ser. No. 399,503. SIMS EARNEST, Chicago, Ill. Filed Nov. 9, 1937.

By Sims Ernest I Am Told That:

The name "Sims Earnest" is disclaimed apart from the mark.
For News Strip for Publication in Newspapers, Magazines, and Other Periodicals.
Claims use since Oct. 9, 1937.

Ser. No. 400,233. HUMAN RELATIONS, INC., Chicago, Ill. Filed Nov. 29, 1937.

HEALING

For Periodical.
Claims use since May 28, 1937.

Ser. No. 400,260. THE TUNESMITH, Plymouth, Wis. Filed Nov. 29, 1937.

The TUNESMITH

For Magazine for Songwriters.
Claims use since Sept. 9, 1937.

Ser. No. 400,324. THE PARENTS' INSTITUTE, INC., New York, N. Y. Filed Dec. 6, 1937.

MOTHER'S MANUAL

For Monthly Publication.
Claims use since November, 1937.

CLASS 39

Clothing

Ser. No. 386,980. BORGENICHT BROS., INC., New York, N. Y. Filed Dec. 21, 1936.

CHILD LIFE

For Children's Dresses.
Claims use since Oct. 1, 1936.

Ser. No. 399,160. YOUNG AMERICA DANCE FROCKS, INC., New York, N. Y. Filed Feb. 19, 1937.

Young America's Hit Dress OF THE Month

No claim is made to the words "Hit Dress" and "America's."
For Misses' and Women's Frocks and Dresses, and Evening Gowns.
Claims use since Feb. 15, 1937.

Ser. No. 391,366. PETER GUSSOW, New York, N. Y. Filed Apr. 15, 1937.



For Women's Sport Caps, Hats, Riding Habits, Lounging Pajamas, Slacks, Shorts, Jerseys, Sweaters, Bathing Suits, and Polo Shirts.
Claims use since Aug. 26, 1936.

Ser. No. 398,291. ROTH SILK UNDERGARMENT COMPANY, New York, N. Y. Filed Oct. 8, 1937.

Luree

For Ladies' Underwear.
Claims use since Aug. 1, 1937.

Ser. No. 398,418. CHARLES ARMOUR, INC., New York, N. Y. Filed Oct. 12, 1937.

Prophetics

For Clothing for Women—Namely, Ladies' and Misses' Dresses, Coats, Suits, Gowns, Evening Gowns, Afternoon Gowns, Dinner Gowns, the Same Being Made of Silk, Satin, Cotton, Wool, Worsted, and Combinations of Cotton, Silk, Satin, Wool, or Worsted, Knit Goods, and Rayon.
Claims use since Aug. 1, 1937.

Ser. No. 398,967. THE LIMA CORD SOLE AND HEEL COMPANY, Lima, Ohio. Filed Oct. 26, 1937.



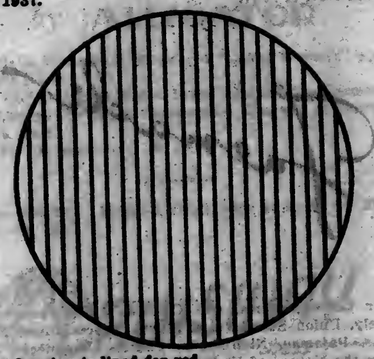
The words "Cord" and "Ends of the Cord Thread Produces the Wear and Non-Skid" and the picture of the shoe sole and heel are disclaimed apart from the mark.
For Soles and Heels for Boots and Shoes.
Claims use since Oct. 1, 1922.

Ser. No. 398,970. MARISON & ROSENBERG CO., INC., New York, N. Y. Filed Oct. 26, 1937.

Janet Norwood ORIGINAL

The word "Original" is disclaimed apart from the mark.
For Women's Ready-to-Wear Apparel Comprising Dresses, Coats, Suits, Fur Coats, Capes, Scarfs and Wraps, Hats, Shoes, and Gloves of Leather, Fabric, and Combinations Thereof, Slips, Panties, Night Gowns, Brassières, Petticoats, Negligees, Robes (for Lounging and Sleeping), Hosiery, Blouses, Sweaters, Outer Skirts, Ski Suits, Leather and Suede Jackets, Snow Suits and Riding Habits, Breeches and Jackets.
Claims use since Sept. 30, 1937.

Ser. No. 398,971. MISHAWAKA RUBBER AND WOOLEN MANUFACTURING COMPANY, Mishawaka, Ind. Filed Oct. 26, 1937.



The drawing is lined for red.
For Rubber Heels and Rubber Soles.
Claims use since Mar. 28, 1898.

Ser. No. 399,094. THE LEVENSON COMPANY, Boston, Mass. Filed Oct. 29, 1937.

HAND WOVEN
FINEST GRADE
Harris Tweed
BY CROFTERS OF
HARRIS & LEWIS IN
THEIR OWN COTTAGES

All wording is disclaimed except in the manner shown.
For Women's and Misses' Coats and Suits Made from Harris Tweed.
Claims use since October, 1935.

Ser. No. 399,230. GOLDBERG & VAN PRAAG, New York, N. Y. Filed Nov. 2, 1937.

Friendship Handkerchief

The word "Handkerchief" is disclaimed.
For Handkerchiefs.
Claims use since Oct. 25, 1937.

Ser. No. 399,388. ROBERTS A. WENTZEL, Palmyra, Pa. Filed Nov. 5, 1937.

Faemade

For Ladies', Men's, and Children's Undergarments—Namely, Union Suits, Vests, Shirts, Shorts, Slips, Nightgowns, Pajamas, Nightshirts, Panties, Brassières, Step-Ins in the Nature of Underdrawers, Bloomers, Petticoats, and Chemises.
Claims use since Nov. 4, 1935.

Ser. No. 399,411. JACK L. HONIG INC., New York, N. Y. Filed Nov. 6, 1937.

Derby Line

The word "Line" is disclaimed apart from the mark.
For Children's Dresses.
Claims use since Oct. 30, 1937.

Ser. No. 399,565. MORRIS & COMPANY, INCORPORATED, Baltimore, Md. Filed Nov. 10, 1937.

MAGIRAP

For Uniforms for Nurses, Maids, and Waitresses; Aprons, and House Dresses.
Claims use since Oct. 19, 1937.

Ser. No. 399,649. DERWAY HATS, INC., New York, N. Y. Filed Nov. 12, 1937.

Babushka

The picture is fanciful.
For Ladies' Hats.
Claims use since Sept. 17, 1937.

Ser. No. 399,661. WM. P. GOLDMAN & BROS., INC., New York, N. Y. Filed Nov. 12, 1937.

IMPORTED
Quala Loden
BY ggg

The words "Imported", "Loden", and "By", are disclaimed except when used with the trade-mark as exhibited.
For Men's Suits and Coats.
Claims use since Sept. 16, 1937.

Ser. No. 399,732. SAKS & COMPANY, New York, N. Y. Filed Nov. 13, 1937.

FERRAGAMO'S CREATIONS

The word "Creations" is disclaimed except as shown.
For Women's Shoes Made of Leather and Fabric and Combinations Thereof.
Claims use since Oct. 29, 1937.

Ser. No. 399,762. M. HAUPTMAN, INC., New York, N. Y. Filed Nov. 15, 1937.

HICUNA
Warmth Without Weight

Applicant disclaims the words "Warmth Without Weight" except as used in the mark.
For Men's Overcoats.
Claims use since May, 1937.

Ser. No. 399,861. STYLE GARMENT COMPANY INC., Los Angeles, Calif. Filed Nov. 17, 1937.

EXCLUSIVE
Krimma Kurl
FABRIC

The words "Krimma Kurl" and "Exclusive Fabric" are disclaimed apart from the mark.
For Ladies' Cloaks, Coats, and Suits.
Claims use since May 1, 1937.

Ser. No. 400,042. SICELOF MANUFACTURING COMPANY, Lexington, N. C. Filed Nov. 23, 1937.

For Overalls, Work Coats, Work Shirts, and Work Pants.
Claims use since June 1, 1935.

Ser. No. 400,117. MODERN MANUFACTURING CO., INC., New York, N. Y. Filed Nov. 24, 1937.

A-JUST-RITE

The term "A-Just-Rite" is disclaimed.
For Cotton Frocks for Women, Misses, and Children.
Claims use since Apr. 1, 1937.

Ser. No. 400,217. WOLFSON & GREENBAUM, INC., New York, N. Y. Filed Nov. 27, 1937.

FASHIONED AT
TAILOR TOWN

The words "Fashioned At" and "Tailor" are disclaimed apart from the mark.
For Ladies' and Misses' Dresses, Blouses, and Shirts.
Claims use since Nov. 18, 1936.

Ser. No. 400,219. THE ALLIGATOR COMPANY, St. Louis, Mo. Filed Nov. 29, 1937.

CAMEL WARMER
by ALLIGATOR

No claim is made to the words "Camel Warmer" apart from the mark.
For Cut Out Detachable Inner Linings for Garments, Said Linings Having a Substantial Content of Genuine Camel's Hair.
Claims use since Nov. 19, 1937.

Ser. No. 400,315. ETHEL LEVINE, New York, N. Y. Filed Nov. 30, 1937.

CRUISWAY

For Ladies' and Misses' Dresses and Suits.
Claims use since January, 1937.

Ser. No. 400,344. HUBRITE INFORMAL FROCKS, INC., Boston, Mass. Filed Dec. 1, 1937.

Joyce Hubrite

For Children's, Women's, Ladies', and Misses' Dresses.
Claims use since Nov. 1, 1937.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 399,720. R. H. MACY & CO., INC., New York, N. Y. Filed Nov. 13, 1937. Under section 5b of the act of 1905 as amended in 1920.

MACY'S

For Narrow Elastic, Tape, Binding, Bias Binding, Name Tapes, Dress Shields, Shoe Laces, Safety Pins of Non-precious Metal, Buckles of Non-precious Metal, Buttons, Embroidery Marking Outfits, and Pins of Non-precious Metal.
Claims use on shoe laces since 1920; on dress shields since 1922; on name tapes since 1927; on elastic, tape, binding, and bias binding since 1927; on pins and safety pins since 1932; on buckles and buttons since March, 1933; and on embroidery marking outfits since May, 1936.

CLASS 43

Thread and Yarn

Ser. No. 399,105. PEPPERELL BRAIDING COMPANY, East Pepperell, Mass. Filed Oct. 29, 1937.

PEPPERELL YARNS
TRADE MARK

PEPPERELL YARNS
TRADE MARK

All wording is disclaimed apart from the mark.
For Yarns.
Claims use since December, 1929.

Ser. No. 399,406. FIBISHER YARNS, INC., New York, N. Y. Filed Nov. 6, 1937.

CHERUB BABY YARN

The term "Baby Yarn" is disclaimed apart from the mark.
For Yarns.
Claims use since Oct. 25, 1937.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 399,573. HYMAN L. WHITMAN, Bridgewater, Mass. Filed Nov. 17, 1937.

AJUSTYO-STEP

For Arch Supports.
Claims use since Nov. 1, 1926.

Ser. No. 400,241. MARTHA F. MCKNESSON, doing business as McKesson Appliance Company, Toledo, Ohio. Filed Nov. 29, 1937.

PNEUMOTHOR

For Gas Administering Apparatus and Parts Thereof.
Claims use since Oct. 19, 1937.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 391,604. ARDEN FARMS, INC., Los Angeles, Calif. Filed Apr. 21, 1937.

Flavorseal

For Dairy Products—Namely, Milk and Cream, and Ice Cream.
Claims use since Mar. 24, 1937.

Ser. No. 395,475. GENERAL MILLS, INC., Minneapolis, Minn. Filed July 21, 1937.

ALL AMERICA

The word "America" is disclaimed apart from the mark.
For Flour, Particularly Wheat Flour.
Claims use since Nov. 26, 1928.

Ser. No. 396,116. BLUE SEAL EXTRACT COMPANY, Cambridge, Mass. Filed Aug. 7, 1937.

Blue Seal

For Food Flavors, Particularly Vanilla Extract, Orange Extract, Lemon Extract, Raspberry Extract, Almond Extract, Chocolate and Strawberry Flavors for Ice Cream, Chocolate Flavor for Cake Icings, Fudge, and Syrups, and Imitation Lime Juice for Food Purposes.
Claims use since 1903.

Ser. No. 397,077. M. A. GOTTFRIED, doing business as M. A. Gottfried Co., Santa Paula, Calif. Filed Sept. 3, 1937.

RIBBON-PAK

No claim is made to the word "Pak" apart from the mark.
For Fresh Carrots.
Claims use since Apr. 22, 1936.

Ser. No. 397,022. SUNFLOWER MILLS INC., Indianola, Miss. Filed Sept. 2, 1937.

ROYAL ROSE

The drawing is lined for blue.
For Bleached High Patent Wheat Flour.
Claims use since Aug. 20, 1937.

Ser. No. 397,367. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed Sept. 27, 1937.

OMO

For Shortening Comprising Hydrogenated Unsaturated Oils and Fats.
Claims use since Sept. 2, 1937.

Ser. No. 398,357. JACOBS CANDY COMPANY, INC., New Orleans, La. Filed Oct. 11, 1937.



For Candy.
Claims use since Aug. 5, 1937.

Ser. No. 398,587. THE PARK & POLLARD CO., Buffalo, N. Y. Filed Oct. 14, 1937.

DOUBLEX

For Cattle Feed.
Claims use since Jan. 30, 1933.

Ser. No. 398,588. THE PARK & POLLARD CO., Buffalo, N. Y. Filed Oct. 14, 1937.

MILKADE

For Calf Meal.
Claims use since Jan. 31, 1934.

Ser. No. 398,736. PEARN LABORATORIES, INC., Chicago, Ill. Filed Oct. 21, 1937.

"Le Goût"
SEASONING

No claim is made to the word "Seasoning" apart from the mark.
For Seasoning Materials in Liquid Form.
Claims use since Aug. 12, 1937.

Ser. No. 399,109. PURE CANE SUGAR COMPANY, INC., Cardenas, Cuba, and Dover, Del. Filed Oct. 29, 1937.

KING KANE

The word "Kane" is disclaimed apart from the mark.
For Sugar.
Claims use since May 11, 1937.

Ser. No. 399,187. HILKEN & BLETSCH COMPANY, Cincinnati, Ohio. Filed Nov. 1, 1937.

V-C-B

For Feed Supplement with Added Vitaminic Content for Making Food Beverages.
Claims use since Oct. 15, 1937.

Ser. No. 399,236. PASQUALE RINALDI, doing business as Rinaldi Bros., New York, N. Y. Filed Nov. 2, 1937.

ITALY
R

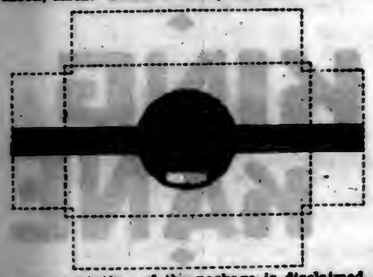
Applicant disclaims the word "Italy" except as shown.
For Canned Vegetables—to wit, Canned Tomatoes and Canned Tomato Paste.
Claims use since Jan. 1, 1923.

Ser. No. 399,575. J. H. Roberts & Co., Baltimore, Md. Filed Nov. 10, 1937.



The word "Quick" is disclaimed apart from the mark.
For Rolled Oatmeal in Cans or Other Sealed Containers.
Claims use since Oct. 25, 1937.

Ser. No. 399,705. John O. Gilbert Chocolate Company, Jackson, Mich. Filed Nov. 18, 1937.



The representation of the package is disclaimed. The drawing is lined for shading and for blue.
For Candy.
Claims use since Sept. 2, 1937.

Ser. No. 399,790. California Consumers Corporation, Los Angeles, Calif. Filed Nov. 16, 1937.

Best Circles

For Canned Citrus Juice for Food Purposes.
Claims use since Nov. 8, 1937.

Ser. No. 399,894. National Licorice Company, Brooklyn, N. Y. Filed Nov. 18, 1937.

DEBS

For Licorice Candy.
Claims use since Apr. 29, 1937.

Ser. No. 400,014. Leonard Jones, doing business as Casey Jones, Los Angeles, Calif. Filed Nov. 22, 1937.

CASEY JONES



The mark consists of the name of a famous American railroad engineer, now deceased.
For Fresh Citrus and Deciduous Fruits, Fresh Vegetables, and Melons.
Claims use since Nov. 15, 1937.

Ser. No. 400,020. Rio Grande Valley Canning Company, Edinburg, Tex. Filed Nov. 22, 1937.



the Bounty

For Canned Citrus Fruit Juices for Food Purposes.
Claims use since Oct. 9, 1937.

Ser. No. 400,265. United States Products Corporation, Ltd., San Jose, Calif. Filed Nov. 29, 1937.

The Royal Family of Foods

The word "Foods" is disclaimed apart from the mark.
For Canned Fruits and Vegetables.
Claims use since Nov. 8, 1937.

Ser. No. 400,266. United States Products Corporation, Ltd., San Jose, Calif. Filed Nov. 29, 1937.

The Royal Family of Juices

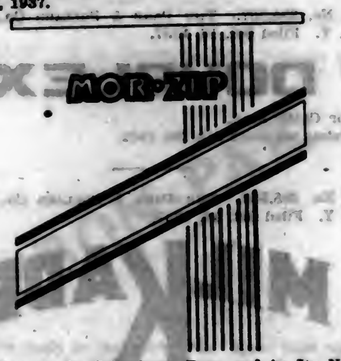
The word "Juices" is disclaimed apart from the mark.
For Fruit Juices for Food Purposes.
Claims use since Nov. 8, 1937.

Ser. No. 400,293. Exchange Lemon Products Company, Corona, Calif. Filed Nov. 30, 1937.

Calemona

For Concentrated Citrus Juices, Citrus Juice Syrups, Canned Citrus Fruit Juice Sacs, All Used for Food Purposes.
Claims use since June 1, 1937.

Ser. No. 400,429. Ronald Meyer, doing business as Ronald Meyer Popcorn Co., Carnarvon, Iowa. Filed Dec. 3, 1937.



For Popcorn in Cellophane Bags and in Its Natural State.
Claims use since Oct. 13, 1937.

Ser. No. 400,430. Ronald Meyer, doing business as Ronald Meyer Popcorn Co., Carnarvon, Iowa. Filed Dec. 3, 1937.



The word "Popcorn" is disclaimed apart from the mark.
For Canned Popcorn in its Natural State.
Claims use since Oct. 14, 1937.

Ser. No. 400,501. Food Associates, Inc., Seattle, Wash. Filed Dec. 6, 1937.

Kwikway

For Frozen Fresh Peas.
Claims use since Sept. 11, 1936.

Ser. No. 400,659. Sphinx Chocolate Corporation, Brooklyn, N. Y. Filed Dec. 9, 1937.



For Candy.
Claims use since January, 1922.

Ser. No. 400,660. Sphinx Chocolate Corporation, Brooklyn, N. Y. Filed Dec. 9, 1937.

Sphinx

For Candy.
Claims use since January, 1922.

Ser. No. 400,681. The Borden Company, New York, N. Y. Filed Dec. 10, 1937.

MORNING GLORY

Applicant is the owner, by mesne assignments, of registrations Nos. 98,877, to S. S. Lard, and 244,433, to Mistletoe Creameries.
For Butter.
Claims use since Feb. 1, 1914.

Ser. No. 400,939. Taormina Corporation, Donna, Tex. Filed Nov. 16, 1937.

Necessity

For Canned Vegetables.
Claims use since Oct. 1, 1937.

Ser. No. 400,977. S. H. Kress and Company, New York, N. Y. Filed Dec. 17, 1937.

Mary Carolyn

For Cakes, Cookies, Crackers, Chocolates, Peanut Brittle, and Other Candies.
Claims use since Nov. 1, 1936.

CLASS 47

Wines

Ser. No. 396,326. Nichibei Shuzo Kabushiki Kaisha, Ltd., Hilo, Hawaii. Filed Aug. 12, 1937.

瑞光

THE REFINED SAKE
ZUIKO

The Japanese characters represent the word "Zuiko", which means "Light of Good Omen" or "Auspicious Light." No claim is made to the words "The Refined Sake" apart from the mark.
For Sake.
Claims use since Aug. 27, 1936.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 396,091. CAPITOL WINE & SPIRIT CORP., New York, N. Y. Filed Oct. 4, 1937.

Marshall

FAMOUS SINCE 1900

The name "Marshall" is disclaimed apart from the mark.
For Whiskey.
Claims use since 1900.

Ser. No. 399,569. UNITED DISTILLERS (OF AMERICA), LTD., Baltimore, Md. Filed Nov. 17, 1937.

MARYLAND PLANTER

The term "Maryland" is disclaimed apart from the mark.
For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since Oct. 1, 1937.

Ser. No. 400,451. BARBARESSO BROTHERS, Piraeus, Greece. Filed Dec. 4, 1937. Under 10-year proviso.

BARBARESSO

For Brandy and Cordials.
Claims use since 1845.

Ser. No. 400,610. NEEDLE'S LIQUORS, INC., Baltimore, Md. Filed Dec. 8, 1937.

MARYLAND KING

The word "Maryland" is disclaimed apart from the mark.
For Whiskey.
Claims use since Jan. 1, 1934.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

FEBRUARY 1, 1938

354,039. CANNED FRUITS, PARTICULARLY CHERRIES AND APPLES. CHERRY GROWERS PACKING COMPANY, Traverse City, Mich.
Filed May 28, 1935. Serial No. 366,512. PUBLISHED AUGUST 24, 1937. Class 46.

354,040. MALTO-DEXTRINS USED FOR BEER BREWING PURPOSES ONLY. Louis N. HARTOG, doing business as North Kensington Refinery, New York, N. Y.
Filed November 2, 1935. Serial No. 371,098. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,041. PREPARATION FOR THE TREATMENT FOR PYORRHEA. Pr-Re-Co, Inc., Chicago, Ill.
Filed December 12, 1935. Serial No. 372,580. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,042. POWER OIL BURNERS AND/OR PARTS THEREOF USING #2 OR HEAVIER COMMERCIAL FUEL OILS. LIBERTY RESEARCH LABORATORIES, INC., Farmingdale, N. Y.
Filed February 1, 1936. Serial No. 374,371. PUBLISHED NOVEMBER 23, 1937. Class 34.

354,043. LIQUID HYDROCARBON MOTOR FUEL, LUBRICATING OILS, AND LUBRICATING GREASES. THE PURE OIL COMPANY, Chicago, Ill.
Filed April 29, 1936. Serial No. 377,904. PUBLISHED NOVEMBER 16, 1937. Class 15.

354,044. SILK, COTTON, ARTIFICIAL SILK, AND INTERWOVEN TEXTILES AS PIECE GOODS. KANEGAFUCHI BOSEKI KABUSHIKI KWAISHA, Muko-jima-ku, Tokyo, Japan.
Filed June 3, 1936. Serial No. 378,245. PUBLISHED NOVEMBER 16, 1937. Class 42.

354,045. GROUND CEREAL COMPOSITION FOR USE AS A NUTRITIOUS FOODSTUFF PREPARATION IN POWDER OR CUBE FORM, FOR INFANTS, CHILDREN, AND CONVALESCENTS. George Kosel, New York, N. Y.
Filed September 11, 1936. Serial No. 383,132. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,046. BAITING PASTE FOR FISHING. Société des Etablissements Sucrabote, Société Anonyme, Paris, France.
Filed September 18, 1936. Serial No. 383,408. PUBLISHED NOVEMBER 23, 1937. Class 22.

354,047. LADIES' SILK UNDERGARMENTS, CONSISTING OF SLIPS, PAJAMAS, GOWNS, DANCE-SETS, PANTIES, CHEMISES, AND PETTICOATS. Worth Undergarment Co., New York, N. Y.
Filed September 22, 1936. Serial No. 383,514. PUBLISHED NOVEMBER 16, 1937. Class 39.

354,048. ICE AND ROLLER SKATES, SNOW SHOES, SKIS AND EQUIPMENT FOR SKIING, ETC. Frederic J. Dorner, New York, N. Y.
Filed February 8, 1937. Serial No. 386,636. PUBLISHED NOVEMBER 23, 1937. Class 22.

354,049. COIN CHUTES ADAPTED FOR ATTACHMENT TO AND USE WITH VENDING MACHINES, AMUSEMENT DEVICES, AND THE LIKE. Kenneth C. Skyvers, doing business as Skyvers Monark Company, Chicago, Ill.
Filed December 11, 1936. Serial No. 386,666. PUBLISHED NOVEMBER 23, 1937. Class 22.

354,050. HAND OPERATED TOOLS—NAMELY, AXES, CULTIVATORS, CUTTERS, LETTUCE CUTTERS, THISTLE, DOCK, AND WEED CUTTERS, ETC. THE UNION FORK & HOE COMPANY, Columbus, Ohio.
Filed February 12, 1937. Serial No. 388,876. PUBLISHED NOVEMBER 23, 1937. Class 23.

354,051. ETCHED PRINTING PLATES AND CYLINDERS. PHOTO-CYLINDER CORPORATION, New York, N. Y.
Filed March 4, 1937. Serial No. 389,659. PUBLISHED NOVEMBER 16, 1937. Class 50.

354,052. DRAFTSMAN'S DRAWING INSTRUMENTS, INCLUDING DRAWING BOARDS, RULERS, TRIANGLES, DIVIDERS, RULING PENS, PROTRACTORS, TRANSPARENT DRAWING BOARDS, PARALLEL BAR INSTRUMENTS, AND PARTS THEREOF. GEORGE R. RIDEOUT, doing business as Rollin Products Co., Chicago, Ill.
Filed March 4, 1937. Serial No. 389,661. PUBLISHED NOVEMBER 23, 1937. Class 26.

354,053. FRESH CITRUS FRUITS. ALAMO FRUIT & VEGETABLE EXCHANGE, INC., Alamo, Tex.
Filed March 9, 1937. Serial No. 389,813. PUBLISHED AUGUST 17, 1937. Class 46.

354,054. MECHANICALLY OPERATED COPYHOLDERS FOR USE BY TYPISTS, STENOGRAPHERS, PROOFREADERS, ETC. COPY RIGHT MANUFACTURING CORPORATION, New York, N. Y.
Filed March 16, 1937. Serial No. 390,114. PUBLISHED NOVEMBER 23, 1937. Class 23.

354,055. CARBONATED, NONALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND SYRUPS FOR COMPOUNDING THE SAME. SEMINOLE FLAVOR COMPANY, Chattanooga, Tenn.
Filed March 18, 1937. Serial No. 390,249. PUBLISHED JUNE 1, 1937. Class 45.

354,056. CHIN BANDS USED FOR HOLDING UP SAGGING CHINS, MAKE-UP HEAD BANDS FOR USE WITH CLAY MASKS OR FOR HOLDING BACK THE HAIR TO PROTECT IT FROM FACIAL COSMETICS, ETC., MAKE-UP SHOULDER BANDS FOR PROTECTING THE SHOULDERS AND NECK FROM COSMETICS, ETC., NECK-BANDS USED WHEN THE HAIR IS BEING CUT, TRIMMED, OR SET. MARCUS & WISSEN INC., New York, N. Y.
Filed March 24, 1937. Serial No. 390,461. PUBLISHED NOVEMBER 23, 1937. Class 44.

354,057. PHOTOGRAPHIC PRINTING AND COPYING MACHINES, PHOTOGRAPHIC PAPER FOR USE IN MAKING PRINTS IN SAID MACHINES, TRAYS AND DRYING DEVICES FOR USE IN CONNECTION WITH THE MAKING AND FINISHING SUCH PRINTS. DOCUMOTO, LTD., New York, N. Y., now by change of name Docuphoto Corporation.
Filed March 25, 1937. Serial No. 390,509. PUBLISHED NOVEMBER 23, 1937. Class 26.

354,058. BEER. ATLAS BREWING COMPANY, Chicago, Ill.
Filed April 19, 1937. Serial No. 391,510. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,059. INFRA-RED AND ULTRA-VIOLET LAMPS, DIATHERMY MACHINES, AND GALVANIC APPARATUS. REX Z. HOWARD, Fort Worth, Tex.
Filed May 10, 1937. Serial No. 392,536. PUBLISHED NOVEMBER 23, 1937. Class 44.

354,060. WHISKEY. GORDON-O'NEILL CO., INC., New York, N. Y.
Filed May 13, 1937. Serial No. 392,688. PUBLISHED NOVEMBER 30, 1937. Class 49.

354,061. LADIES' AND CHILDREN'S DRESSES, OUTER SKIRTS, BLOUSES, SUITS, COATS, CAPES, APRONS, CULOTTES, UNIFORMS FOR NURSES, COOKS, MAIDS, WAITRESSES, AND HOUSE USE, UNDERWEAR, SLIPS, PAJAMAS, NEGLIGEES, PANTIES, NIGHTGOWNS, UNDER VESTS, BLOOMERS, BRASSIÈRES, UNION-SUITS, AND HOUSE COATS. STANDARD GARMENT CO. INC., New York, N. Y.
Filed May 29, 1937. Serial No. 393,454. PUBLISHED NOVEMBER 16, 1937. Class 39.

354,062. LADIES' AND CHILDREN'S DRESSES, OUTER SKIRTS, BLOUSES, SUITS, COATS, CAPES, APRONS, CULOTTES, UNIFORMS FOR NURSES, COOKS, MAIDS, WAITRESSES, MANICURISTS, DEMONSTRATORS, BEAUTICIANS, AND HOUSE USE, UNDERWEAR, SLIPS, PAJAMAS, NEGLIGEES, PANTIES, NIGHTGOWNS, UNDERVESTS, BLOOMERS, BRASSIÈRES, UNION-SUITS, AND HOUSE COATS. STANDARD GARMENT CO. INC., New York, N. Y.
Filed May 29, 1937. Serial No. 393,455. PUBLISHED NOVEMBER 16, 1937. Class 39.

354,063. PILE FABRICS IN THE PIECE CONSISTING OF SILK AND RAYON. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y.
Filed June 5, 1937. Serial No. 393,688. PUBLISHED NOVEMBER 23, 1937. Class 42.

354,064. FOUNTAIN PENS, AND PEN AND PENCIL SETS. JACOB HARRIS, doing business as The Majestic Pen Co., New York, N. Y.
Filed June 10, 1937. Serial No. 393,910. PUBLISHED NOVEMBER 16, 1937. Class 37.

354,065. MANILA ROPE. VICTOR JOHNSON & COMPANY, Inc., San Francisco., Calif.
Filed June 12, 1937. Serial No. 393,987. PUBLISHED NOVEMBER 23, 1937. Class 7.

354,066. FRUIT FLAVORED POWDERED CONCENTRATE FOR USE IN MAKING FOOD BEVERAGES AND FROZEN DESSERTS. B. HELLER & COMPANY, Chicago, Ill.
Filed June 17, 1937. Serial No. 394,176. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,067. BOWL OR RECEPTACLE ADAPTED FOR USE IN THE MIXING OF DYES INTENDED TO BE APPLIED TO THE HAIR. CLAIROL, INC., New York, N. Y.
Filed June 28, 1937. Serial No. 394,578. PUBLISHED NOVEMBER 23, 1937. Class 2.

354,068. BRUSHES ADAPTED FOR USE TO APPLY DYES TO HAIR. CLAIROL, INC., New York, N. Y.
Filed June 28, 1937. Serial No. 394,579. PUBLISHED NOVEMBER 23, 1937. Class 29.

354,069. HAMS. THE H. H. MEYER PACKING COMPANY, Cincinnati, Ohio.
Filed June 28, 1937. Serial No. 394,624. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,070. DINNER SETS, BREAKFAST SETS, VASES, COMPOTES, NAPPIES, MARMALADE JARS, BONBON DISHES, ORNAMENTAL TRAYS AND ORNAMENTAL RECEPTACLES, ALL SAID GOODS BEING MADE OF CHINA, PORCELAIN, AND EARTHENWARE. GEO. BORGFELDT CORPORATION, New York, N. Y.
Filed July 3, 1937. Serial No. 394,823. PUBLISHED NOVEMBER 23, 1937. Class 30.

354,071. HOT WATER VEHICLE HEATERS AND WINDSHIELD WIPERS. E. A. LABORATORIES, INC., Brooklyn, N. Y.
Filed July 3, 1937. Serial No. 394,829. PUBLISHED NOVEMBER 23, 1937. Class 19.

354,072. CANNED VEGETABLES—NAMELY, PEAS. SAN JUAN ISLANDS CANNERY, Friday Harbor, Wash.
Filed July 6, 1937. Serial No. 394,912. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,073. CORSETS, BRASSIÈRES, AND GIRDLES. CLASSIC FOUNDATIONS, INC., New York, N. Y.
Filed July 14, 1937. Serial No. 395,188. PUBLISHED NOVEMBER 16, 1937. Class 39.

354,074. LIQUID DISPENSERS, PARTICULARLY DEVICES FOR DISPENSING PREDETERMINED QUANTITIES OF CONTAINED LIQUID SUCH AS CREAM FOR INDIVIDUAL CREAM CONTAINERS, AND LIKE ARTICLES. THE WYOTT MANUFACTURING CORPORATION, Cheyenne Wyo.
Filed July 15, 1937. Serial No. 395,252. PUBLISHED NOVEMBER 23, 1937. Class 23.

354,075. CIGARETTES. THE AXTON-FISHER TOBACCO COMPANY, Louisville, Ky.
Filed July 16, 1937. Serial No. 395,262. PUBLISHED NOVEMBER 16, 1937. Class 17.

354,076. DAVENPORTS, MATTRESSES, LOVE-SEATS, SECTIONAL DAVENPORTS, SECTIONAL LOVE-SEATS, OCCASIONAL CHAIRS, CLUB CHAIRS, ETC. BROWN-SALTMAN UPHOLSTERING COMPANY, South Gate, Calif.
Filed July 16, 1937. Serial No. 395,270. PUBLISHED NOVEMBER 23, 1937. Class 32.

354,077. ROOT BEER, ROOT BEER SYRUP, AND ROOT BEER CONCENTRATE. KRUEGER BEVERAGE COMPANY, Newark, N. J.
Filed July 19, 1937. Serial No. 395,420. PUBLISHED NOVEMBER 16, 1937. Class 45.

354,078. LEATHER. EAGLE-OTTAWA LEATHER COMPANY, Chicago, Ill., and Grand Haven, Mich.
Filed July 22, 1937. Serial No. 395,520. PUBLISHED NOVEMBER 16, 1937. Class 1.

354,079. LEATHER. EAGLE-OTTAWA LEATHER COMPANY, Chicago, Ill., and Grand Haven, Mich.
Filed July 22, 1937. Serial No. 395,521. PUBLISHED NOVEMBER 16, 1937. Class 1.

354,080. WINES. F. SALMINA & Co., *Lerkmead* Station, St. Helena, Calif.
Filed July 28, 1937. Serial No. 395,722. PUBLISHED NOVEMBER 23, 1937. Class 47.

354,081. TOOL JOINT DRESSING IN THE NATURE OF A LUBRICANT. THE ROYAL MANUFACTURING COMPANY, Tulsa, Okla.
Filed August 2, 1937. Serial No. 395,930. PUBLISHED NOVEMBER 16, 1937. Class 15.

354,082. AXES, HATCHETS, DRAW KNIVES, CHISELS, SNIPS, BITS, AND HAMMERS. THE PECK, STOW & WILCOX COMPANY, Southington, Conn.
Filed August 4, 1937. Serial No. 396,003. PUBLISHED NOVEMBER 23, 1937. Class 23.

354,083. AWLS, AXES, BITS, BIT BRACES, BUSH HOOKS, CHISELS, CLAMPS FOR CARPENTERS AND CABINET MAKERS, DRAWING KNIVES, ETC. THE PECK, STOW & WILCOX COMPANY, Southington, Conn.
Filed August 4, 1937. Serial No. 396,005. PUBLISHED NOVEMBER 23, 1937. Class 23.

354,084. PIPE TOBACCO. S. S. PIERCE CO., Boston, Mass.
Filed August 4, 1937. Serial No. 396,006. PUBLISHED NOVEMBER 16, 1937. Class 17.

354,085. WHISKEY. CAVE SPRINGS DISTILLERY CORPORATION, INC., Wilder, Ky.
Filed August 5, 1937. Serial No. 396,024. PUBLISHED NOVEMBER 23, 1937. Class 49.

354,086. SOLVENT USED FOR THINNING PURPOSES IN THE MANUFACTURE OF PAINT. PACIFIC DISTILLERS, INC., Culver City, Calif.
Filed August 7, 1937. Serial No. 396,156. PUBLISHED NOVEMBER 23, 1937. Class 16.

354,087. PREPARED INFANT FOODS. BABY SERVICE, Inc., Washington, D. C.
Filed August 10, 1937. Serial No. 396,221. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,088. LUBRICATING OIL. MCKAIN'S, INC., Seattle, Wash.
Filed August 10, 1937. Serial No. 396,235. PUBLISHED OCTOBER 12, 1937. Class 15.

354,089. LADIES' HANDBAGS. RESNICK BROS. LADIES' HANDBAGS, INC., New York, N. Y.
Filed August 10, 1937. Serial No. 396,238. PUBLISHED NOVEMBER 23, 1937. Class 3.

354,090. INK. DITTO, INCORPORATED, Chicago, Ill.
Filed August 10, 1937. Serial No. 396,249. PUBLISHED NOVEMBER 23, 1937. Class 11.

354,091. MIX WITH WHICH TO MAKE MALTED MILK, ICE CREAM, ICES, AND EDIBLE DELICACIES. LOUIS A. M. PERRAN, doing business as Pur-O-Mix Laboratories, Rockton, Ill.
Filed August 13, 1937. Serial No. 396,294. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,092. PUMPS AND PUMPING APPARATUS FOR SUPPLYING WATER UNDER PRESSURE IN RESIDENTIAL AND FARM WATER SUPPLY SYSTEMS, AND PARTS THEREOF. GENERAL MOTORS CORPORATION, Detroit, Mich.
Filed August 13, 1937. Serial No. 396,361. PUBLISHED NOVEMBER 23, 1937. Class 23.

354,093. CLOTHING AND ACCESSORIES—NAMELY, FUR COATS, FUR JACKETS, FUR SCARFS, AND FUR GLOVES. E. MARMORSTEIN & Co., New York, N. Y.
Filed August 14, 1937. Serial No. 396,415. PUBLISHED NOVEMBER 16, 1937. Class 39.

354,094. ELECTRIC CONTROLS FOR ELECTRIC SWITCHES, TEMPERATURE OPERATED ELECTRIC SWITCHES, PRESSURE OPERATED ELECTRIC SWITCHES, TIME CONTROLLED ELECTRIC SWITCHES, AND PARTS THEREOF. THE MERCOID CORPORATION, Chicago, Ill.
Filed August 14, 1937. Serial No. 396,417. PUBLISHED NOVEMBER 23, 1937. Class 21.

354,095. ABRADING AND GRINDING MACHINES SUCH AS CRANKSHAFT GRINDING MACHINES. NORTON COMPANY, Worcester, Mass.
Filed August 16, 1937. Serial No. 396,469. PUBLISHED NOVEMBER 23, 1937. Class 23.

354,096. CANNED FRUITS, VEGETABLES, BERRIES, SAUERKRAUT, AND TOMATO CATSUP. PAUL BUNYAN FOODS, INC., Seattle, Wash.
Filed August 17, 1937. Serial No. 396,489. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,097. PIECE GOODS MADE OF RAYON OR ARTIFICIAL SILK. CONCORD CHENILLE CO., INC., New York, N. Y.
Filed August 25, 1937. Serial No. 396,733. PUBLISHED NOVEMBER 16, 1937. Class 42.

354,098. VELVETS IN THE PIECE, CONSTRUCTED OF SILK AND/OR RAYON. CROMPTON COMPANY, West Warwick, R. I.
Filed August 26, 1937. Serial No. 396,763. PUBLISHED NOVEMBER 23, 1937. Class 42.

354,099. CURTAINS FOR WINDOWS. SHELLMAR PRODUCTS COMPANY, Mount Vernon, Ohio.
Filed August 26, 1937. Serial No. 396,788. PUBLISHED NOVEMBER 23, 1937. Class 32.

354,100. INTERLEAVING PAPER. S. D. WARREN COMPANY, Boston, Mass.
Filed August 26, 1937. Serial No. 396,795. PUBLISHED NOVEMBER 16, 1937. Class 37.

354,101. STAMPING HAMMERS AND PRESSES. CHAMBERSBURG ENGINEERING COMPANY, Chambersburg, Pa.
Filed August 27, 1937. Serial No. 396,802. PUBLISHED NOVEMBER 23, 1937. Class 23.

354,102. LARD. W. J. LAKE & COMPANY, INC., Seattle, Wash.
Filed August 27, 1937. Serial No. 396,820. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,103. MAYONNAISE, THOUSAND ISLAND DRESSING, SALAD DRESSING; OLIVE-NAISE, A COMBINATION OF CHOPPED OLIVES AND MAYONNAISE; SANDWICH SPREAD, MAYONNAISE RELISH; BARBECUE RELISH, A COMBINATION OF PICKLE RELISH, MUSTARD, SPICES, PICKLES, ETC.; HOT PEPPER RELISH, CUCUMBER RINGS, CHILI SAUCE, MUSTARD, AND PICKLES. MARKS' PRIZE RECIPE FOODS, Baltimore, Md.
Filed August 27, 1937. Serial No. 396,824. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,104. LIQUID FUEL LAMPS. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed August 27, 1937. Serial No. 396,840. PUBLISHED NOVEMBER 23, 1937. Class 34.

354,105. CAMERAS. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed August 27, 1937. Serial No. 396,841. PUBLISHED NOVEMBER 23, 1937. Class 20.

354,106. PIECE GOODS OF COTTON AND MIXTURES OF COTTON, RAYON, AND ACETATE. WAMSUTTA MILLS, New Bedford, Mass.
Filed August 27, 1937. Serial No. 396,850. PUBLISHED NOVEMBER 23, 1937. Class 42.

354,107. DESK APPOINTMENT PADS. PARK-SHERMAN CO., Chicago, Ill.
Filed August 28, 1937. Serial No. 396,891. PUBLISHED NOVEMBER 16, 1937. Class 37.

354,108. FINGER RINGS. FRITZ C. STETTER, New York, N. Y.
Filed August 28, 1937. Serial No. 396,902. PUBLISHED NOVEMBER 2, 1937. Class 28.

354,109. TRAILER BODIES. HIGHWAY TRAILER COMPANY, Edgerton, Wis.
Filed August 31, 1937. Serial No. 396,957. PUBLISHED NOVEMBER 23, 1937. Class 19.

354,110. CEREAL FOOD FOR INFANTS. NESTLE'S MILK PRODUCTS, INC., New York, N. Y.
Filed August 31, 1937. Serial No. 396,963. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,111. HANDBAGS, POCKETBOOKS, PURSES, HATBOXES FOR USE IN TRAVEL, SUIT CASES, OVERNIGHT BAGS, SCHOOL BAGS, ETC. WM. T. KNOTT COMPANY, INC., New York, N. Y.
Filed September 4, 1937. Serial No. 397,131. PUBLISHED NOVEMBER 23, 1937. Class 3.

354,112. BOPH AND COTTON WRAPPING TWINE. BROWN-CAMP HARDWARE COMPANY, Des Moines, Iowa.
Filed September 7, 1937. Serial No. 397,176. PUBLISHED NOVEMBER 23, 1937. Class 7.

354,113. COASTER WAGONS AND COASTING SLEDS. BROWN-CAMP HARDWARE COMPANY, Des Moines, Iowa.
Filed September 7, 1937. Serial No. 397,179. PUBLISHED NOVEMBER 23, 1937. Class 22.

354,114. EMPTY CIGARETTE BOXES. THE EVEREDY COMPANY, Frederick, Md.
Filed September 7, 1937. Serial No. 397,190. PUBLISHED NOVEMBER 16, 1937. Class 8.

354,115. EMPTY CIGARETTE BOXES. THE EVEREDY COMPANY, Frederick, Md.
Filed September 7, 1937. Serial No. 397,191. PUBLISHED NOVEMBER 16, 1937. Class 8.

354,116. SHEETS, PILLOW CASES, SHEETINGS, YARD GOODS SUCH AS SILKS, LINENS, COTTONS, TOWELS AND TOWELING, BEDSPREADS, MATTRESS COVERS, AND BLANKETS. THE ALMS & DOEPKE COMPANY, Cincinnati, Ohio.
Filed September 8, 1937. Serial No. 397,212. PUBLISHED NOVEMBER 23, 1937. Class 42.

354,117. LADIES' HATS. HAT CORPORATION OF AMERICA, Norwalk, Conn.
Filed September 9, 1937. Serial No. 397,237. PUBLISHED NOVEMBER 16, 1937. Class 39.

354,118. TRACTOR TIRE CHAINS. PYRENE MANUFACTURING COMPANY, Newark, N. J.
Filed September 9, 1937. Serial No. 397,266. PUBLISHED NOVEMBER 23, 1937. Class 13.

354,119. WOMEN'S AND MISSES' HATS. SAKS & COMPANY, New York, N. Y.
Filed September 9, 1937. Serial No. 397,269. PUBLISHED NOVEMBER 16, 1937. Class 39.

354,120. LADIES' PAJAMAS, NEGLIGEES, NIGHTGOWNS, PETTICOATS, SLIPS, PANTIES, BRASSIERES, AND BLOOMERS. TRU TAILORED, INC., New York, N. Y.
Filed September 10, 1937. Serial No. 397,310. PUBLISHED NOVEMBER 16, 1937. Class 39.

354,121. DIAPHRAGM PESSARY FOR VAGINAL USE. ZONITE PRODUCTS CORPORATION, New York, N. Y.
Filed September 10, 1937. Serial No. 397,318. PUBLISHED NOVEMBER 23, 1937. Class 44.

354,122. GASOLINE. SOUTHPORT PETROLEUM COMPANY, Kilgore, Tex.
Filed September 13, 1937. Serial No. 397,387. PUBLISHED NOVEMBER 16, 1937. Class 15.

354,123. GAME APPARATUS HAVING A ROTATING DISK COOPERATING WITH A STATIONARY DIAL. WILLIAM SKOLNICK, doing business as The Math-O-Lotto Company, New Haven, Conn.
Filed September 13, 1937. Serial No. 397,390. PUBLISHED NOVEMBER 23, 1937. Class 22.

354,124. CLOTHING FOR MEN AND WOMEN—NAMELY, BOOTS AND SHOES OF LEATHER, FABRIC, AND COMBINATIONS THEREOF, AND HATS. JOSEPH R. BERNSTEIN, Chicago, Ill.
Filed September 14, 1937. Serial No. 397,399. PUBLISHED NOVEMBER 16, 1937. Class 39.

354,125. HIGHWAY MARKERS. DICKSON HIGHWAY SAFETY MARKERS, INC., Orlando, Fla.
Filed September 14, 1937. Serial No. 397,402. PUBLISHED NOVEMBER 16, 1937. Class 50.

354,126. UNDERGARMENTS—NAMELY, CHEMISES, PANTIES, NIGHT-GOWNS, PAJAMAS, SLIPS, BRASSIÈRES, NEGLIGEES, AND CORSETS. GARFINKEL & RITTER, New York, N. Y.
Filed September 15, 1937. Serial No. 397,426. PUBLISHED NOVEMBER 16, 1937. Class 39.

354,127. BUCKRAM IN THE PIECE. ANDREW MCLEAN COMPANY, Passaic, N. J.
Filed September 15, 1937. Serial No. 397,449. PUBLISHED NOVEMBER 16, 1937. Class 42.

354,128. LADIES' NEGLIGEES, PAJAMAS, NIGHTGOWNS, SLIPS, PETTICOATS, PANTIES, BRASSIERES, AND BLOOMERS. MILGRIM MANUFACTURING CO., New York, N. Y.
Filed September 15, 1937. Serial No. 397,450. PUBLISHED NOVEMBER 16, 1937. Class 39.

354,129. PUDDING AND PIE FILLING. STANDARD BRANDS INCORPORATED, New York, N. Y.
Filed September 15, 1937. Serial No. 397,459. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,130. PUDDING AND PIE FILLING. STANDARD BRANDS INCORPORATED, New York, N. Y.
Filed September 15, 1937. Serial No. 397,460. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,131. CORDUROY AND VELVETEEN. A. D. JUILLIARD & CO. INC., New York, N. Y.
Filed September 17, 1937. Serial No. 397,510. PUBLISHED NOVEMBER 16, 1937. Class 42.

354,132. CANNED VEGETABLES—NAMELY, ONIONS, GREEN PEPPERS, POTATOES, CORN ON THE COB, ARTICHOKES, CARROTS, BEETS, ETC. CONTINENTAL FOODS CORP., Los Angeles, Calif.
Filed September 22, 1937. Serial No. 397,646. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,133. EMBROIDERED TEXTILE FABRICS IN THE PIECE OF WOOL, SILK, COTTON, RAYON, OR MIXTURES THEREOF EMBROIDERED WITH LAMÉ METAL OR LAMÉ METAL AND VELVETEEN YARN. LEWIS H. HOLLANDER, doing business as L. H. Hollander & Co., New York, N. Y.
Filed September 22, 1937. Serial No. 397,664. PUBLISHED NOVEMBER 23, 1937. Class 42.

354,134. PIECE GOODS MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed September 24, 1937. Serial No. 397,738. PUBLISHED NOVEMBER 16, 1937. Class 42.

354,135. LUBRICATING OILS. THE AMERICAN OIL COMPANY, Baltimore, Md.
Filed September 24, 1937. Serial No. 397,742. PUBLISHED NOVEMBER 16, 1937. Class 15.

354,136. COTTON PIECE GOODS. CRANSTON PRINT WORKS COMPANY, Cranston, R. I.
Filed September 24, 1937. Serial No. 397,753. PUBLISHED NOVEMBER 16, 1937. Class 42.

354,137. TROUT FLIES FOR THE USE OF FISHERMEN. OREGON WATERS FLY CO., Portland, Oreg.
Filed September 24, 1937. Serial No. 397,766. PUBLISHED NOVEMBER 23, 1937. Class 22.

354,138. TEXTILE FABRICS IN THE PIECE OF ALL TYPES AND STYLES, MADE OF COTTON, SILK, RAYON, ARTIFICIAL SILK, WOOL, ETC. PEPPERELL MANUFACTURING COMPANY, Boston, Mass.
Filed September 24, 1937. Serial No. 397,767. PUBLISHED NOVEMBER 16, 1937. Class 42.

354,139. DOG AND CAT FOOD. VIMPET FOODS, INC., Cambridge, Md.
Filed September 24, 1937. Serial No. 397,781. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,140. RAYON AND COTTON GOODS. M. HAUSMAN & SONS, New York, N. Y.
Filed September 25, 1937. Serial No. 397,804. PUBLISHED NOVEMBER 16, 1937. Class 42.

354,141. TEA. NEWSOM PALMER & CO., New York, N. Y.
Filed September 28, 1937. Serial No. 397,814. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,142. COTTON PIECE GOODS. ARTHUR BEIT & CO., INC., New York, N. Y.
Filed September 27, 1937. Serial No. 397,835. PUBLISHED NOVEMBER 16, 1937. Class 42.

354,143. CORDUROY. CROMPTON COMPANY, West Warwick, R. I.
Filed September 27, 1937. Serial No. 397,840. PUBLISHED NOVEMBER 16, 1937. Class 42.

354,144. RUGS. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed September 27, 1937. Serial No. 397,855. PUBLISHED NOVEMBER 16, 1937. Class 42.

354,145. CANNED FRUIT JUICES FOR FOOD PURPOSES. PAULUS BROS. PACKING CO., Salem, Oreg.
Filed September 27, 1937. Serial No. 397,863. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,146. WOOLEN AND WOOL MIXTURE FABRICS IN THE PIECE. LINDEN & HERSHEY, INC., New York, N. Y.
Filed September 28, 1937. Serial No. 397,905. PUBLISHED NOVEMBER 16, 1937. Class 42.

354,147. TENNIS RACKETS. R. H. MACY & CO., INC., New York, N. Y.
Filed September 29, 1937. Serial No. 397,944. PUBLISHED NOVEMBER 16, 1937. Class 22.

354,148. WHISKEY. R. H. MACY & CO., INC., New York, N. Y.
Filed September 29, 1937. Serial No. 397,947. PUBLISHED NOVEMBER 23, 1937. Class 49.

354,149. FRESH VEGETABLES. ARTHUR MANN, Salinas, Calif.
Filed September 29, 1937. Serial No. 397,948. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,150. WHISKEY. HIRAM WALKER & SONS INC., Peoria, Ill.
Filed September 29, 1937. Serial No. 397,958. PUBLISHED NOVEMBER 23, 1937. Class 49.

354,151. NON-ALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES, SOLD AS SOFT DRINKS AND SIRUPS AND EXTRACTS FOR MAKING THE SAME. DENMALTH BOTTLING COMPANY, Salt Lake City, Utah.
Filed September 30, 1937. Serial No. 397,964. PUBLISHED NOVEMBER 16, 1937. Class 45.

354,152. RAYON PIECE GOODS. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y.
Filed September 30, 1937. Serial No. 397,982. PUBLISHED NOVEMBER 16, 1937. Class 42.

354,153. WOOLEN FABRICS IN THE PIECE. COMMODORE WOOLEN CO., New York, N. Y.
Filed October 1, 1937. Serial No. 398,002. PUBLISHED NOVEMBER 23, 1937. Class 42.

354,154. NATURAL AND SYNTHETIC ORGANIC PRODUCTS FOR FLAVORING EXTRACTS, OILS, AND BLENDERS FOR ALCOHOLIC BEVERAGES. FLORASYNTH LABORATORIES, INC., New York, N. Y.
Filed October 1, 1937. Serial No. 398,005. PUBLISHED NOVEMBER 23, 1937. Class 46.

354,155. RESINS, INCLUDING SYNTHETIC RESINS AND PROCESSED NATURAL RESINS; RESIN SOLUTIONS, INCLUDING PLASTIC RESIN SOLUTIONS; AND OILS, INCLUDING PROCESSED OILS AND SYNTHETIC OILS, FOR USE IN PAINTS, LACQUERS, VARNISHES, ENAMELS, AND THE LIKE. BUCK, KOLLER & CO., INC., Detroit, Mich.
Filed October 4, 1937. Serial No. 398,062. PUBLISHED NOVEMBER 23, 1937. Class 16.

354,156. PIECE GOODS OF COTTON, RAYON AND SILK, COTTON AND RAYON, LINEN, ALL SILK, RAYON AND SILK, AND OTHER COMBINATIONS. NATIONAL FABRICS CORPORATION, New York, N. Y.
Filed October 4, 1937. Serial No. 398,119. PUBLISHED NOVEMBER 23, 1937. Class 42.

354,157. PIECE GOODS OF COTTON, RAYON AND SILK, COTTON AND RAYON, LINEN, ALL SILK, RAYON AND SILK, AND OTHER COMBINATIONS. NATIONAL FABRICS CORPORATION, New York, N. Y.
Filed October 4, 1937. Serial No. 398,120. PUBLISHED NOVEMBER 23, 1937. Class 42.

354,158. RUM, WHISKEY, GIN, BRANDY, AND ALCOHOLIC CORDIALS. JOSEPH S. FINCH AND COMPANY, Schenley, Pa.
Filed October 5, 1937. Serial No. 398,152. PUBLISHED NOVEMBER 23, 1937. Class 49.

354,159. CHECKERS. SAML. GABRIEL SONS & COMPANY, New York, N. Y.
Filed October 5, 1937. Serial No. 398,155. PUBLISHED NOVEMBER 23, 1937. Class 22.

354,160. BROOMS. H. E. LINDSTROM, doing business as Acme Broom Company, Sedalia, Mo.
Filed October 7, 1937. Serial No. 398,249. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,161. WOVEN TEXTILE RUGS AND CARPETS. BIGELOW-SANFORD CARPET CO. INC., Thompsonville, Conn.
Filed October 8, 1937. Serial No. 398,274. PUBLISHED NOVEMBER 23, 1937. Class 42.

354,162. PIECE GOODS OF COTTON, LINEN, ARTIFICIAL AND NATURAL SILK GOODS, AND SYNTHETIC (RAYON AND ACETATE) TEXTILE FABRICS, PLAIN, COLORED, AND PRINTED. MARVLO MILLS, INC., New York, N. Y.
Filed October 8, 1937. Serial No. 398,285. PUBLISHED NOVEMBER 23, 1937. Class 42.

354,163. BOARD GAME PLAYED WITH MOVABLE PIECES. PARKER BROTHERS, INC., Portland, Maine, and Salem, Mass.
Filed October 8, 1937. Serial No. 398,288. PUBLISHED NOVEMBER 23, 1937. Class 22.

354,164. GOLF BALLS. GENERAL SPORTS, INC., Chicago, Ill.
Filed October 9, 1937. Serial No. 398,313. PUBLISHED NOVEMBER 23, 1937. Class 22.

354,165. LAGER BEER. ILLINOIS BREWING COMPANY, Thornton, Ill.
Filed October 9, 1937. Serial No. 398,315. PUBLISHED NOVEMBER 23, 1937. Class 48.

354,166. DOLLS. EDITH S. HOLDEN, New York, N. Y.
Filed October 11, 1937. Serial No. 398,355. PUBLISHED NOVEMBER 23, 1937. Class 22.

354,167. BRANDY. CENTRAL STATES DISTRIBUTORS, INC., Chicago, Ill.
Filed October 15, 1937. Serial No. 398,524. PUBLISHED NOVEMBER 23, 1937. Class 49.

354,168. BEER. PREMIER-PABST CORPORATION, Peoria Heights, Ill.
Filed October 18, 1937. Serial No. 398,637. PUBLISHED NOVEMBER 23, 1937. Class 48.

354,169. WHISKEY, BRANDY, GIN, RUM, AND ALCOHOLIC CORDIALS. JOSEPH E. SEAGRAM & SONS, INC., Lawrenceburg, Ind.
Filed December 3, 1934. Serial No. 358,860. PUBLISHED FEBRUARY 26, 1935. Class 49.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

354,170. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ELECTROLINE COMPANY, Chicago, Ill. Filed July 11, 1936. Serial No. 380,907.

TAPLOK

For Electrical Connectors.
Claims use since June 20, 1936.

354,171. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PULLMAN CHEMICAL COMPANY, Camden, N. J. Filed Sept. 25, 1936. Serial No. 383,641.

Pullman

For Chemical Rust Preventive, Radiator Stop-Leak, Radiator Flush in Liquid Form and in Granular Form in Capsules, Chemical Tar Remover, Hydraulic Brake Fluid, Shock Absorber Fluid, Gas Gauge Fluid, Lighter Fluid, Non-Evaporating Anti-Freeze, Alcohol and Glycerin Anti-Freeze.
Claims use since Nov. 15, 1932.

354,172. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) PULLMAN CHEMICAL COMPANY, Camden, N. J. Filed Sept. 25, 1936. Serial No. 383,644.

Pullman

For Touch-Up Enamel, Tire Enamel, Under-Fender Paint, Aluminum Bronze, Engine Enamel, Auto Polish, Automobile Polishing Preparation Which Polishes and Cleans in a Single Operation, Auto Wax, Top Putty, Bearing Blue.
Claims use since Nov. 15, 1932.

354,173. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HELEN HARRISON CANDIES, INC., Chicago, Ill. Filed Jan. 22, 1937. Serial No. 388,057.

Helen Harrison

For Candies.
Claims use since Nov. 10, 1936.

354,174. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) SWANK PRODUCTS, INC., Attleboro, Mass. Filed Feb. 10, 1937. Serial No. 388,732.

ELBO-LINK

For Jewelry for Personal Wear, Not Including Watches.
Claims use since Dec. 15, 1936.

354,175. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) OMEGA SHOE POLISH CO., Los Angeles, Calif. Filed Feb. 20, 1937. Serial No. 389,194.

RE-WHITE

For Shoe Cleaners.
Claims use since Dec. 20, 1936.

354,176. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) KELLEY ELECTRIC MACHINE COMPANY, Buffalo, N. Y. Filed Apr. 10, 1937. Serial No. 391,183.

POWER FLOAT

For Power Apparatuses and/or Power Tools for Treating Concrete or Other Cementitious Mixtures Such as Rotary Floating and Troweling Apparatus and Parts Thereof.
Claims use since April, 1934.

354,177. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) GILDA AUDREY PRODUCTS, INC., New York, N. Y. Filed May 11, 1937. Serial No. 392,587.

Paula Margon

For Toilet Preparations and Cosmetics—Namely, Moulding Cream, Revitalizing Oil, Astringent, Cleansing Cream, Pine Balsam Cream, Circulation Stimulant, Eye Bath, Liquid Make-Up, Hand Lotion, Brilliantine, Tissue Cream, Pore Cleanser, Pomade, Make-Up Base, Rouge, Lipstick, Face Powder, Mascara, Medicated Cream (a Healing Preparation for Blemished Skins), Mild Toner (Lotion for Dry and Sensitive Skins), Instant Remover (Lotion for Removing Make-Up), and Medicated Lotion (Antiseptic Lotion Applied to Face).
Claims use since Dec. 28, 1936.

354,178. (CLASS 32. FURNITURE AND UPHOLSTERY.) THE GENERAL FIREPROOFING CO., Youngstown, Ohio. Filed May 24, 1937. Serial No. 393,166.

Good Form

For Chairs Especially Designed for the Office.
Claims use since Oct. 26, 1936.

354,179. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) OXNARD CITRUS ASSOCIATION, Hueneme, Calif. Filed June 1, 1937. Serial No. 393,502.

Besgrade

For Fresh Citrus Fruits.
Claims use since Sept. 1, 1919.

354,180. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE VITAMIN CEREAL CO., Topeka, Kans. Filed Oct. 25, 1937. Serial No. 396,946.

A vitamin BRAND food

For Cereal Breakfast Foods.
Claims use since January, 1935.

354,181. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) COWEN BROS., New York, N. Y. Filed Nov. 1, 1937. Serial No. 399,167.

CUSHION COMFORT

For Wrist Watch Straps Made of Leather or Fabric.
Claims use since Sept. 26, 1936.

TRADE-MARK REGISTRATIONS RENEWED

119,627. CIGARS. Registered December 11, 1917. AMERICAN EXCHANGE CIGAR COMPANY, New York, N. Y. Renewed December 11, 1937, to The Deisel-Wemmer-Gilbert Corporation, Detroit, Mich., a corporation of Ohio, assignee.

119,653. CANNED SALMON. Registered December 11, 1917. CARLISLE PACKING CO. Renewed December 11, 1937, to F. R. Chambers, Seattle, Wash., assignee.

119,748. WHEAT-FLOUR. Registered December 11, 1917. THE MIDLAND MILLING COMPANY. Renewed December 11, 1937, to The Midland Flour Milling Company, Kansas City, Mo., a corporation of Kansas, assignee.

120,278. WHEAT-FLOUR. Registered January 29, 1918. THE MIDLAND MILLING COMPANY, a firm, assignor to Midland Milling Company, a corporation. Renewed January 29, 1938, to The Midland Flour Milling Company, Kansas City, Mo., a corporation of Kansas, assignee.

120,800. BRONZES, ROUND, SQUARE, AND HEXAGONAL BRONZE BARS, ROLLED AND COLD-DRAWN BRONZE BARS. Registered March 5, 1918. TITAN METAL COMPANY, Milesburg and Bellefonte, Pa. Renewed March 5, 1938, to Titan Metal Manufacturing Company, Bellefonte, Pa., a corporation of Pennsylvania, successor.

120,801. BRASS RODS, NAVAL BRASS, MUNTZ'S METAL AND OTHER BRASSES. Registered March 5, 1918. TITAN METAL COMPANY, Milesburg and Bellefonte, Pa. Renewed March 5, 1938, to Titan Metal Manufacturing Company, Bellefonte, Pa., a corporation of Pennsylvania, successor.

121,563. DRIED APRICOTS AND PRUNES. Registered May 14, 1918. CALIFORNIA PRUNE AND APRICOT GROWERS, INC. Renewed May 14, 1938, to California Prune & Apricot Growers Association, San Jose, Calif., a corporation of California, assignee.

121,934. CERTAIN CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS. Registered June 11, 1918. NEW ENGLAND BREWING COMPANY, Jersey City, N. J., and Boston, Mass. Renewed June 11, 1938, to Haffenreffer & Co., Inc., Boston, Mass., a corporation of Massachusetts, assignee.

121,938. WRITING-TABLETS, COMPOSITION-BOOKS, STUDENT NOTE-BOOKS, PRINTING AND WRITING PAPERS. Registered June 11, 1918. OSBORN PAPER COMPANY, Marion, Ind., a corporation of Indiana. Renewed June 11, 1938.

121,940. CERTAIN NAMED PAINTS AND PAINTERS' MATERIALS. Registered June 11, 1918. JOEL T. PAINTER COMPANY, McKeesport, Pa. Renewed June 11, 1938, to The Watson Standard Company, Pittsburgh, Pa., a corporation of Pennsylvania, assignee by mesne assignments.

121,973. CERTAIN NAMED MOTOR-SPIRITS. Registered June 11, 1918. TIDE WATER OIL COMPANY, Bayonne, N. J., and New York, N. Y. Renewed June 11, 1938, to Tide Water Associated Oil Company, New York, N. Y., a corporation of Delaware, assignee by mesne assignments.

121,995. ANTIMALARIAL AND GENERAL TONICS. Registered June 11, 1918. WINTERSMITH CHEMICAL COMPANY, Louisville, Ky., a corporation of Kentucky. Renewed June 11, 1938.

LABELS

REGISTERED FEBRUARY 1, 1938

50,614.—*Title:* MORE-WEAR. For Clothing. ARKWRIGHT, INCORPORATED, New York, N. Y. Published August 5, 1937.

50,615.—*Title:* VASSAR HATS. For Hats. BENJ. B. BERGMAN, Boston, Mass. Published September 2, 1937.

50,616.—*Title:* HEAVY 25-30. For Lead Coated Copper Flat Sheets. LEDKOTE PRODUCTS COMPANY, Long Island City, N. Y. Published January 4, 1938.

50,617.—*Title:* 50 U. T. For Lead Coated Copper Flat Sheets. LEDKOTE PRODUCTS COMPANY, Long Island City, N. Y. Published January 4, 1938.

50,618.—*Title:* STANDARD. For Lead Coated Copper Flat Sheets. LEDKOTE PRODUCTS COMPANY, Long Island City, N. Y. Published January 4, 1938.

50,619.—*Title:* HEAVY. For Lead Coated Copper Flat Sheets. LEDKOTE PRODUCTS COMPANY, Long Island City, N. Y. Published January 4, 1938.

50,620.—*Title:* EXTRA HEAVY. For Lead Coated Copper Flat Sheets. LEDKOTE PRODUCTS COMPANY, Long Island City, N. Y. Published January 4, 1938.

50,621.—*Title:* 25. For Lead Coated Copper Flat Sheets. LEDKOTE PRODUCTS COMPANY, Long Island City, N. Y. Published January 4, 1938.

50,622.—*Title:* EXTRA HEAVY 40–50. For Lead Coated Copper Flat Sheets. LEDKOTE PRODUCTS COMPANY, Long Island City, N. Y. Published January 4, 1938.

50,623.—*Title:* 12–15. For Lead Coated Copper Flat Sheets. LEDKOTE PRODUCTS COMPANY, Long Island City, N. Y. Published January 4, 1938.

50,624.—*Title:* 40–50. For Lead Coated Copper Flat Sheets. LEDKOTE PRODUCTS COMPANY, Long Island City, N. Y. Published January 4, 1938.

50,625.—*Title:* 25–30. For Lead Coated Copper Flat Sheets. LEDKOTE PRODUCTS COMPANY, Long Island City, N. Y. Published January 4, 1938.

50,626.—*Title:* 15. For Lead Coated Copper Flat Sheets. LEDKOTE PRODUCTS COMPANY, Long Island City, N. Y. Published January 4, 1938.

50,627.—*Title:* STANDARD 12–15. For Lead Coated Copper Flat Sheets. LEDKOTE PRODUCTS COMPANY, Long Island City, N. Y. Published January 4, 1938.

50,628.—*Title:* DEMING'S DESIRE. For Apple Juice. EMIL K. MALMQUIST, doing business as Malmquist Canning Company, South Bellingham, Wash. Published November 29, 1937.

50,629.—*Title:* DEMING'S DESIRE. For Sliced Apple Rings. EMIL K. MALMQUIST, doing business as Malmquist Canning Company, South Bellingham, Wash. Published November 29, 1937.

50,630.—*Title:* LUCKY BROWN HAIR DRESSING. For Hair Dressing. MORTON G. NEUMANN, doing business as Famous Products Company, Chicago, Ill. Published December 20, 1937.

50,631.—*Title:* HEALTH-GLO. For Butter. NEW YORK MILLS COOPERATIVE CREAMERY ASSOCIATION, New York Mills, Minn. Published March 13, 1936.

50,632.—*Title:* TREASURE ISLAND. For Wines. NORTHERN CALIFORNIA WINERIES, San Francisco, Calif. Published March 2, 1937.

50,633.—*Title:* RED LEAF BRAND. For Smoked Ham. STANDARD PROVISION CO., Philadelphia, Pa. Published September 3, 1936.

50,634.—*Title:* TOMB-ACTIC. For Liniment. THEODORE TOMB, Brooklyn, N. Y. Published August 1, 1937.

50,635.—*Title:* BANNER EVAPORATED MILK. For Evaporated Milk. CHALLENGE CREAM & BUTTER ASSOCIATION, Los Angeles, Calif. Published December 22, 1937.

PRINTS

REGISTERED FEBRUARY 1, 1938

16,668.—*Title:* SUGAR AND SPICE AND ALL THAT'S NICE . . . IN THESE APPLE DUMPLINGS! For Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published January 5, 1938.

16,669.—*Title:* LOUNGE IN LOVELINESS FOR ONLY $1.29. For Hostess Coats. S. L. HOFFMAN & CO., INC., New York, N. Y. Published December 21, 1937.

16,670.—*Title:* THE SLIM-A-FORM. For Wraps. S. L. HOFFMAN & CO., INC., New York, N. Y. Published December 21, 1937.

16,671.—*Title:* K2-38B. For Dental Cream. THE KOLYNOS COMPANY, New Haven, Conn. Published December 1, 1937.

REISSUES

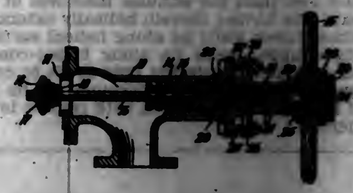
FEBRUARY 1, 1938

20,642
PRIMER VALVE
Philip S. Gess, Portland, Oreg.
Original No. 1,970,744, dated August 21, 1934, Serial No. 650,695, March 6, 1933. Application for reissue November 23, 1936, Serial No. 112,612
5 Claims. (Cl. 182—12)



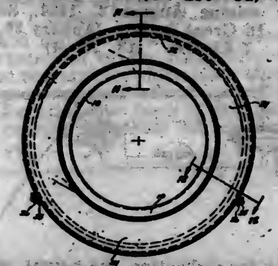
1. A priming valve for a trap defined in part as a body member having a bore therein, a plunger in said bore that is movable under the influence of liquid flow therethrough, a valve member carried by said plunger, a co-operating valve seat for said valve, a metering discharge outlet beyond and spaced from said valve and seat, a stem projecting through said metering outlet that is attached to the valve and movable therewith to prevent clogging of said metering outlet, a passageway below said metering outlet, and air gaps in said passageway, the said stem being arranged to direct flow from said metering outlet past said air gap.

20,643
SAFETY DEVICE
Lester M. Goldsmith, Philadelphia, Pa.
Original No. 2,022,149, dated January 21, 1936, Serial No. 722,200, May 21, 1934. Application for reissue February 27, 1937, Serial No. 128,286
12 Claims. (Cl. 137—152)



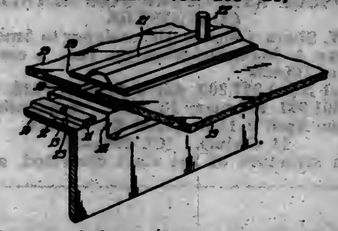
1. A valve operating mechanism comprising a handle for manually operating a valve stem, and means interposed between said handle and said valve stem for automatically actuating said valve stem, said means comprising a spring under compression for actuating said valve stem, said spring being substantially out of contact with fluid passing about said valve stem and a fusible member, which upon fusion, permits automatic actuation of said stem independently of said handle.

20,644
METALLIC TIRE COVER
Frederick Hammond, Charlotte, N. C., assignor to Houdaille-Hershey Corporation, Detroit, Mich., a corporation of Michigan
Original No. 1,916,232, dated May 23, 1933, Serial No. 437,698, March 19, 1930. Application for reissue April 16, 1934, Serial No. 720,887
4 Claims. (Cl. 152—54)



1. In a metallic tire cover, two uninterrupted annular members, each of said members being approximately semi-circular in cross section, and having inwardly projecting peripheral flanges, the flange of one of said members having a radially outwardly projecting portion forming with said flange a groove extending circumferentially somewhat less than half the circumference of the member, the other of said members having an inwardly projecting tongue adapted to fit into said groove, coinciding lugs on the outer periphery of said members, and means for securing said lugs together, thereby to secure the members together in flange to flange abutting relation.

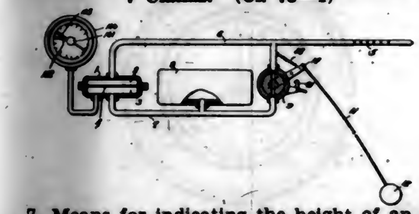
20,645
GLAZING CONSTRUCTION
Sanford K. Huston, Jr., Chicago, Ill.
Original No. 2,002,536, dated May 28, 1935, Serial No. 743,397, September 10, 1934. Application for reissue January 22, 1937, Serial No. 122,915
7 Claims. (Cl. 108—16)



1. A support for a glazing construction comprising a rafter bar providing a plurality of holes in its upper edge, a plurality of apertured spacer members respectively overlying said holes and each providing detent means extending through the adjacent holes in operative engagement with the bar, a longitudinally extending supporting member resting upon the spacer members and providing a plurality of apertures respectively in register with the apertures in the spacer members, a plurality of bolts having their lower ends

respectively extending through said registering apertures and each providing a shoulder in engagement with the supporting member, and a nut threaded on the lower end of each bolt to clamp the shoulder into close fitting engagement with the supporting member.

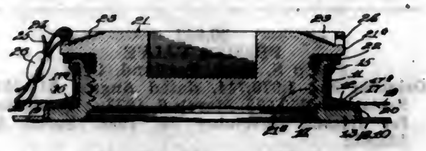
20,646
MEANS FOR INDICATING THE HEIGHT OF AIRCRAFT, PARTICULARLY FOR USE WHEN THE AIRCRAFT IS LANDING
David Frederick Lucking, Felixstowe, England, assignor to Temple N. Joyce, Dundalk, Md.
Original No. 1,949,166, dated February 27, 1934, Serial No. 685,471, August 16, 1933. Application for reissue August 2, 1934, Serial No. 738,116. In Great Britain January 20, 1932
7 Claims. (Cl. 73—4)



7. Means for indicating the height of an aircraft, comprising a height indicating mechanism, a device for controlling the operation of said mechanism, and means for actuating the control device and including a weight adapted to be suspended from the aircraft, the arrangement being such that the control device is actuated by the dragging of the weight on the surface of the land or water after the aircraft has descended to and lower than a pre-determined height above the land or water, said height indicating mechanism being operated by virtue of the difference between the atmospheric pressure in its neighborhood when said mechanism is first put into operation at the pre-determined height and the varying atmospheric pressure or dynamic air pressure which exists in the neighborhood of said mechanism after the height indicating mechanism has been put into operation and as the aircraft descends below the pre-determined height.

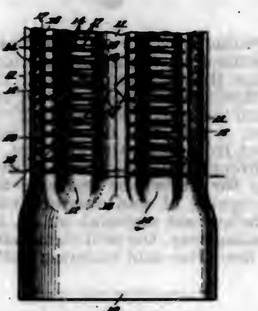
20,647
CLOSURE STRUCTURE FOR METALLIC CONTAINERS
John W. Shera, Chicago, Ill., assignor to American Flange & Manufacturing Co. Inc., a corporation of Illinois
Original No. 1,997,202, dated April 9, 1935, Serial No. 591,941, February 10, 1932. Application for reissue April 9, 1937, Serial No. 136,628
11 Claims. (Cl. 220—39)

8. In structure of the class described, a wall having an opening therein, a flange projecting from said wall and surrounding said opening, a ring member having an upwardly extending body portion and an angularly disposed and laterally extending rim portion embracing the outer sur-



face of said flange and having an attachment extension projecting therefrom and means applied independently of said flange and located on the outer end of said flange for securing said ring member thereto against movement bodily in any direction.

20,648
WELL SCREEN
William Edward Harrington, Beaumont, Tex.
Original No. 1,994,244, dated March 12, 1935, Serial No. 666,749; April 18, 1933. Application for reissue October 21, 1936, Serial No. 106,929
12 Claims. (Cl. 166—5)



1. A well screen comprising an integral tubular body having inward longitudinally disposed ribs joined to the remaining portions of the tubular body, the external surfaces of said ribs being offset inwardly from the external surfaces of the remaining portions of the tubular body by a distance not less than the annular thickness of the body, said ribs having therein helically extending slots whose lower walls lie along helical surfaces and whose upper walls lie along helico-conical surfaces so that the entering fluid tends to cause an upward and rotational movement of the column of fluid within the screen with respect to the axis thereof.

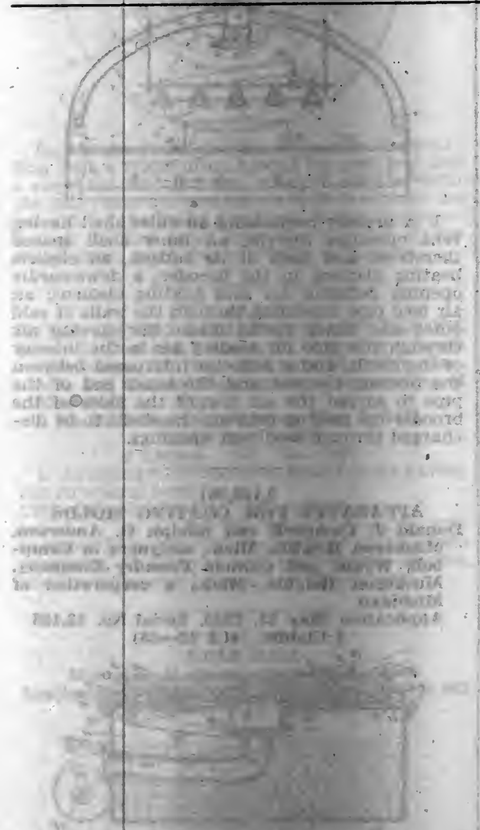
PLANT PATENTS

GRANTED FEBRUARY 1, 1938

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

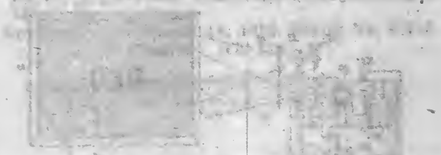
269
ROSE
Luther Burbank, deceased, late of Santa Rosa, Calif., by Elizabeth Waters Burbank, executrix, Santa Rosa, Calif., assignor to Stark Bro's Nurseries & Orchards Company, Louisiana, Mo.
Application May 8, 1937, Serial No. 141,545
1 Claim. (Cl. 47—61)

A new and distinct variety of hybrid tea rose plant characterized as to novelty by the bush or dwarf form, its strength, hardiness and resistance to heat and drouth, its everblooming habit and the profuseness of flowers compared with hybrids of similar color, substantially as shown and described.



270
ROSE
Gerrit de Ruyter, Hazerswonde, Netherlands, assignor to Jackson & Perkins Company, Newark, N. Y.
Application April 14, 1937, Serial No. 136,920
1 Claim. (Cl. 47—61)

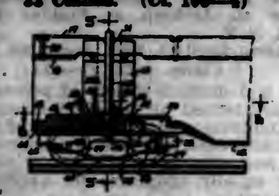
A new and distinct variety of polyantha rose plant characterized by the distinctiveness, uniformity and permanence of the color of its bloom, as shown and described, and the improved compactness and attractive form of the plant, rendering it equally adaptable for garden use or forcing in pot.



PATENTS

GRANTED FEBRUARY 1, 1938

2,106,696
ARTICULATED TOY TRAIN
Joseph L. Bonanno, Forest Hills, N. Y., assignor to The Lionel Corporation, New York, N. Y., a corporation of New York
Application July 27, 1935, Serial No. 33,435
33 Claims. (Cl. 105—4)



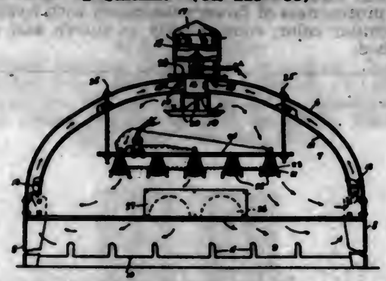
1. In an articulated toy train, in combination, a coupling section comprising a truck having wheels and axles, a truck-carried member, a spring normally holding the truck-carried member in one position, the member being freely manually movable to another predetermined position, a fixed truck-supported element, a movable element carried by the movable member and normally held thereby in a predetermined position opposite the fixed element, and car bodies each having draft elements extending between the fixed and movable elements and having a configuration to interlock with one of said elements to prevent separation of the corresponding car body from the coupling section when the movable member is in normal position and to transmit pull from one draft element to the other without changing the load on the spring, the draft elements being unlocked when said member is manually moved to the other position.

2,106,699
ILLUMINATED SIGN
John Gordon Best, Toronto, Ontario, Canada, assignor to Varilux Holding Corporation, Limited, Nassau, Bahama, a company of Bahama Islands
Application January 14, 1936, Serial No. 59,018
3 Claims. (Cl. 40—130)



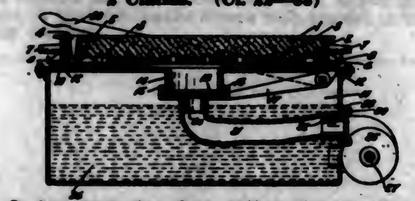
1. A sign comprising contacting indicia and background portions of different colors, the color of one of said portions being deficient in the distinguishing hues of the other portion which is deficient in the distinguishing hue of said first portion, means for illuminating said sign with light of the color of the background and with light of the color of the indicia, said means comprising an electrically energized source of light of each color, a pair of interrupters, circuit connections between both light sources and one interrupter for effecting periodic alternate energization of said light source by means of said interrupter, circuit connections between both light sources and the remaining interrupter for effecting periodic alternate energization of said light sources by means of said remaining interrupter and means to operate said interrupters at different speeds.

2,106,700
BROODER
James A. Ackerman, Peru, Ind.
Application September 19, 1936, Serial No. 101,671
4 Claims. (Cl. 119—33)



1. A brooder comprising an outer shell having vent openings therein, an inner shell spaced therefrom and open at its bottom, an electric heating element in the brooder, a downwardly opening deflector for said heating element, an air feed pipe extending through the walls of said outer and inner shells, means for forcing air through the pipe for feeding air to the interior of the shells, and a deflector interposed between the heating element and the inner end of the pipe to spread the air toward the sides of the brooder for passing between the shells to be discharged through said vent openings.

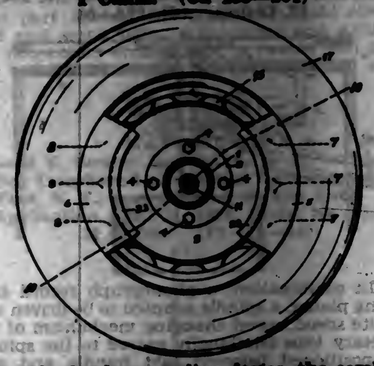
2,106,701
APPARATUS FOR COATING MOLDS
Donald J. Campbell and Adolph G. Andersen, Muskegon Heights, Mich., assignors to Campbell, Wyant and Cannon Foundry Company, Muskegon Heights, Mich., a corporation of Michigan
Application May 22, 1935, Serial No. 22,166
2 Claims. (Cl. 22—93)



2. An apparatus for coating the interior of molds, which apparatus consists of a wash solution container tank having a cover provided with a hole therethrough for delivering mold wash solution from said container tank to the top of said cover and to the mold thereon, a valve

for closing the said hole to prevent the flow of wash solution from the top of said cover into said container tank, and a pump having its discharge flange flexibly connected to the said valve by a flexible hose and its suction connected with the said container tank below the discharge of said pump.

2,106,702
BRAKE DRUM COOLING DEVICE
Donald J. Campbell, Spring Lake Township, Ottawa County, Mich.
Application October 21, 1936, Serial No. 106,327
1 Claim. (Cl. 188—264)



In a brake drum cooling device, the combination with a brake drum having an open end and a cover for the open end, means associated with the said cover for causing air to flow against the exterior of the brake drum and means for causing air to flow away from the exterior of the brake drum when the vehicle is in motion.

2,106,703
MIXED ESTER DERIVATIVES OF GLYCOL
Henry L. Cox and Thomas F. Carruthers, South Charleston, W. Va., assignors to Union Carbide and Carbon Corporation, a corporation of New York
No Drawing. Application May 6, 1934, Serial No. 724,622
6 Claims. (Cl. 260—105)

1. As chemical compounds, mixed esters having the structural formula

$$CH_3—CO—O—R^2—O—(CO—(CH_2)_n—CO—O—R^2—O—)_x—CO—CH_3$$

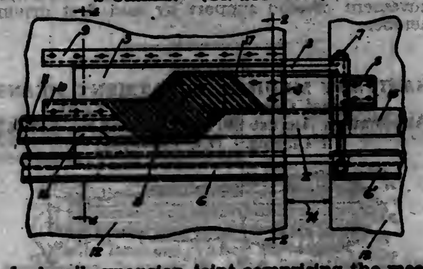
in which R^2 is a radical of a member of the group consisting of alkylene and polyalkylene glycols, and the value of x is from 2 to 10 inclusive.

2,106,704
GOLF BALL
Henry K. B. Davis, Springfield, Mass.
Application February 20, 1936, Serial No. 64,902
2 Claims. (Cl. 273—63)



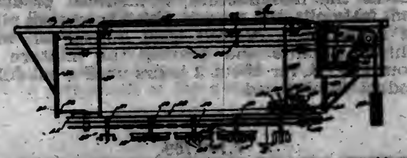
1. As a new article of manufacture, a golf ball consisting of a sphere formed to have on its outer surface a plurality of rows of alternately arranged relatively depressed and raised portions, said portions having four sides and the raised portions being disposed so as to abut one another at the corners thereof only.

2,106,705
RAIL EXPANSION JOINT
Harold H. Gilbert, Sacramento, Calif.
Application August 11, 1936, Serial No. 95,968
2 Claims. (Cl. 238—238)



1. A rail expansion joint comprising the meeting rail ends, a base plate for supporting said rail ends, said rail ends being each cut obliquely and their end faces lying in non-parallel oblique vertical planes, one rail end being fixed to the base plate, the other rail end being slidably movable with respect to both the base plate and the fixed rail end, means positioned between the rail ends and supported on the base plate to form a continuous rail tread, said means comprising vertical laminations positioned parallel to the oblique face of the fixed rail end and substantially filling the space between the rail end faces; and guide means for the said laminations, said guide means consisting of horizontal splines in the said laminations so that vertical loads will be carried by a group of laminations acting together to form a continuous rail tread, and means for maintaining adjacent laminations in contact one with another and parallel with said oblique face of the fixed rail end, certain of said laminations being maintained in alignment with the meeting rails whereby a rail tread is formed.

2,106,706
CONVEYER MECHANISM
Robert H. Gordon, Detroit, Mich., assignor to Parker Rust Proof Company, a corporation of Michigan
Application February 14, 1935, Serial No. 6,418
17 Claims. (Cl. 214—17)



1. Conveying mechanism including a vertically reciprocable support, means including a driving member for reciprocating said support between predetermined limits, conveyer means including a second driving member carried by said support for holding and moving articles horizontally from one position on said support to another position thereon, and control mechanism on both said driving members comprising a control element responsive to downward movement of said support adapted to de-energize said first driving

member when said support is at its lowermost position and to maintain the same inoperative for a predetermined period, a control element responsive to upward movement of said support for rendering said first driving member inoperative when said support is at its upper limit and for simultaneously initiating operation of said second driving member, and a control element responsive to horizontal conveyer section for de-energizing said second driving member when said article reaches said last mentioned position on said support and simultaneously initiating downward movement of said support by said first driving member.

2,106,707
SANITARY MEDICAL TREATMENT MEANS
August Groth, Los Angeles, Calif.
Application August 30, 1933, Serial No. 687,463
7 Claims. (Cl. 128—260)



5. A treatment device of the character disclosed and for the purpose set forth comprising a central treatment member adapted for initial independent treatment of the walls of a normally collapsed cavity and formed at its forward terminus with a blunt entering point adapted to facilitate the entrance of said member into a normally collapsed cavity; and a tubular member having an open bore from end to end and adapted to be applied to and over said central member; said tubular member having a blunt terminal formation at its forward end, said terminal formation facilitating the entrance of the tubular member into such collapsed cavity when in association with and applied to and over said central treatment member and with said blunt entering point projecting forwardly of said blunt terminal formation.

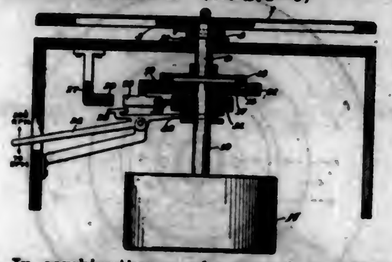
2,106,708
MANUFACTURE OF MODIFIED ORGANIC ISOCOLLOID MATERIALS
Laszlo Auer, Budapest, Hungary, assignor to J. Randolph Newman, Washington, D. C., as trustee
No Drawing. Application July 8, 1930, Serial No. 466,557. Renewed October 13, 1936. In Great Britain July 8, 1929
22 Claims. (Cl. 87—12)

1. In the manufacture of modified products from fatty oils, the process which comprises mixing a stand oil, derived from linseed oil, with lithium sulphite and heating the mixture to about 250° C. for about 2 hours until a solidified product is obtained.

2,106,709
PAPER AND PROCESS FOR THE MANUFACTURE OF PAPER
Webster E. Byron Baker, Lock Haven, Pa.
No Drawing. Application April 4, 1933, Serial No. 664,347. Renewed April 20, 1937
3 Claims. (Cl. 91—68)

1. The improvement in the art of paper manufacture which comprises applying to the surface of paper an aqueous suspension of starch and finely divided water-insoluble, inorganic material, said suspension containing starch to the extent of not exceeding 5% of the starch and water present, said water-insoluble, inorganic material being present in amount not exceeding the amount of starch present, thereafter drying and thereafter calendering the said sheet.

2,106,710
PHONOGRAPH TURNTABLE DRIVING MECHANISM
Frederick C. Barton, Haddonfield, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application February 13, 1933, Serial No. 656,764
15 Claims. (Cl. 274—9)



1. In combination, a phonograph record supporting platen, a spindle adapted to be driven at a definite speed, speed changing mechanism of the planetary type frictionally geared to the spindle and positioned between said spindle and said platen, and means for restraining from rotating, at will, a portion of said mechanism.

2,106,711
FOOD CUTTER
Herbert A. Berkman, Chicago, Ill.
Application July 26, 1935, Serial No. 33,256
2 Claims. (Cl. 146—192)

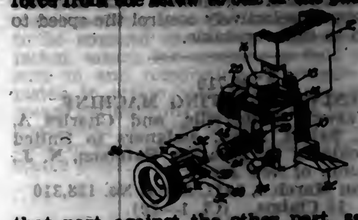


1. A food cutter comprising a frame, a food receiving cup resting on the frame, a worm attached to the lower end of the cup, food cutting and discharging means attached to the lower end of the worm, a casing enclosing the worm and resting on the said means, whereby said elements may all be elevated and removed from the frame, and means for rotating relatively the casing and the worm.

2,106,712
SOLE FITTING MACHINE
Frederic E. Bertrand, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application October 29, 1935, Serial No. 47,285
7 Claims. (Cl. 12—37)

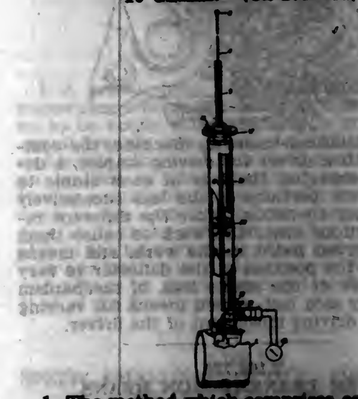
1. In a sole fitting machine, a support, a tool carrier slidably mounted for adjustment on said support, a clamping screw threaded into one of said parts and extending through an opening in

the other part, and a member bridging the opening through which said screw passes to transmit force from the screw to one of the parts to clamp



that part against the other part, said member and said screw being constructed and arranged for non-rotary engagement to enable said member to serve as a wrench for turning said screw.

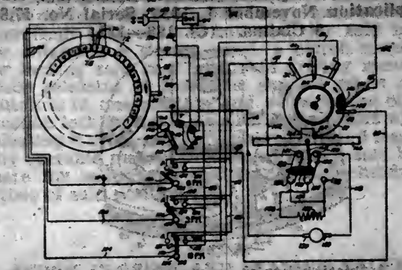
2,106,713
WAVE-METER
Arnold E. Bowen, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application April 21, 1936, Serial No. 75,656
10 Claims. (Cl. 172—44)



1. The method which comprises converting dielectrically guided waves into conduction current waves in a coaxial conductor line, relating the frequency of said waves and the length of said line to establish standing waves in said line, and obtaining an indication of the field intensity at some point within the space occupied by said standing waves.

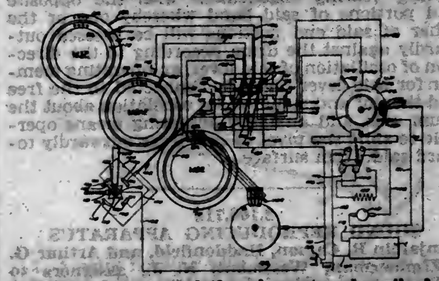
2,106,714
AUTOMATIC RADIO STATION SELECTOR
Emile Brugger, Valley Stream, N. Y.
Application March 24, 1930, Serial No. 438,292
Renewed September 1, 1936
5 Claims. (Cl. 250—20)

5. A radio set having station selecting mechanism and an operating circuit for the set, in combination, a single settable member having a neutral position and a plurality of station selecting positions and movable from any position directly to any other position, means under control of said settable member to move said selecting mechanism to the station selected and to close the operating circuit at the instant said selecting mechanism is positioned at the station selected, and means when said member is moved to its neutral position to break the operating circuit through said first means and when moved from any station selecting position to another to break the operating circuit through said first means, cause the selecting mechanism to be positioned



to the new station selected and reestablish the operating circuit at the instant said selecting mechanism is so positioned.

2,106,715
AUTOMATIC RADIO CONTROL
Emile Brugger, Valley Stream, N. Y.
Application January 29, 1936, Serial No. 61,395
13 Claims. (Cl. 250—20)



13. In a device of the character described, in combination, circuit selecting means, time unit devices, a plurality of determinators each having means to cooperate with the same circuit selecting means to determine the closing of the selected circuit and simultaneously to cooperate with a different number of said time unit devices to determine different time intervals during which the selected circuit shall remain closed.

2,106,716
SULPHONATED ALKYL-ARYLOXY-ALKYLOLS
Herman A. Bruson, Philadelphia, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Application December 30, 1936, Serial No. 118,267
14 Claims. (Cl. 260—99.12)

6. A compound of the general formula

$$A-R-O-R'(OSO_3M)_x$$
$$(SO_3M)_y$$

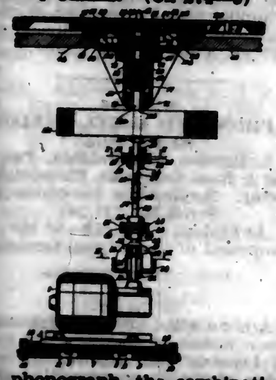
in which A is an alkyl group containing at least eight carbon atoms, R is one of the group consisting of benzene and naphthalene nuclei, R' is a member of the group consisting of alkylene radicals containing at least two carbon atoms and polyalkylene ether radicals in which the alkylene groups contain at least two carbon atoms, M is a member of the group consisting of hydrogen, alkali metals, ammonium and substituted ammonium radicals, and x and y each have the value of one or two.

2,106,717
BRAKE
Addi Benjamin Cadman, Beloit, Wis.
Application November 1, 1935, Serial No. 47,856
8 Claims. (Cl. 188—138)



1. A friction brake comprising, in combination, a rotatable drum, a fixed stop disposed adjacent the internal drum surface, a friction band extending around the internal surface of said drum with its ends disposed on opposite sides of and normally drawn into abutment with said stop, a lever swingable about a pivot adjacent said drum and disposed substantially radially when in brake-released position, oppositely projecting arms rigid with said lever intermediate the ends thereof and having bearing engagement with the opposite end portions of said band whereby one or the other of said end portions will be pressed outwardly against the drum according to the direction of oscillation of said lever, an operating member for said lever pivotally connected to the free end thereof and mounted for oscillation about the drum axis, and auxiliary actuating means operable to shift the pivot of said lever outwardly toward said drum surface.

2,106,718
SOUND REPRODUCING APPARATUS
Benjamin R. Carson, Haddonfield, and Arthur G. Zimmerman, Westmont, N. J., assignors to Radio Corporation of America, a corporation of Delaware
Original application March 30, 1935, Serial No. 13,796. Divided and this application September 30, 1936, Serial No. 103,241
6 Claims. (Cl. 274—9)



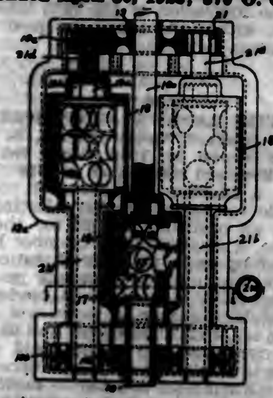
1. In a phonograph, the combination with a turntable of means for driving said turntable, and means coupling said driving means to said turntable, said coupling means including a shaft driven at a constant speed, a selectively variable speed transmission interposed between said shaft and said turntable, said transmission including a controllable element for varying the speed transmitted thereby, an inertia member on said shaft, and movably mounted means for selective movement into and out of engagement with said element whereby to selectively control the speed to be imparted to said turntable.

2,106,719
FASTENING-INSERTING MACHINE
John A. Caswell, Somerville, and Charles A. Robinson, Salem, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application March 1, 1937, Serial No. 128,810
14 Claims. (Cl. 1—20)



1. In a fastening-inserting machine, the combination with a driver for driving staples, a deflector for engaging the legs of each staple to curve different portions of the legs successively in the driving operation before the different respective portions enter the work to cause them to follow curved paths in the work, and means for varying the position of the deflector to vary the curvature of the staple legs, of mechanism controlled by said last-named means for varying the limit of driving movement of the driver.

2,106,720
POWER TRANSMISSION MEANS
Allan J. Chantry, United States Navy
Application October 2, 1931, Serial No. 566,692
25 Claims. (Cl. 74—364)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a transmission means the combination of two members adapted to transmit driving

torque, one of said members being provided with a piston mounted to move therewith as well as at an angle to the members, the other of said members being provided with a surface adapted to be engaged in driving engagement by said piston, means for applying a fluid under pressure to and removing the pressure from said piston to attain said driving engagement, and means for applying a fluid under pressure to the engageable surfaces of the piston and the other member to disengage said surfaces when the first stated pressure is removed.

2,106,721
IGNITION BREAKER
Carl V. Chermendy, Chicago, Ill., assignor to Frieda Chermendy, Chicago, Ill.
Application June 17, 1935, Serial No. 26,896
7 Claims. (Cl. 200—20)



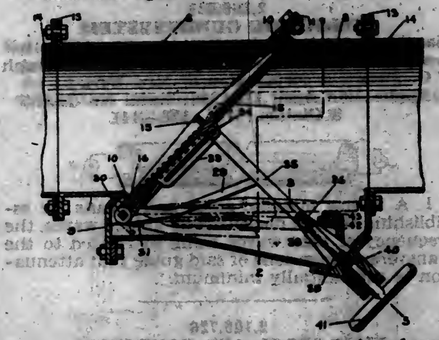
1. A replacement part for ignition breakers comprising a block of insulating material adapted to be bodily substituted for a pivoted metal circuit breaker arm, means for adjustably setting and holding the block in a fixed position adjacent an ignition breaker operating cam, the block having a continuous bore therethrough, a contact fixed in one end of the bore having a contact face at its inner end, and another contact movable in the bore from the other end by a breaker cam and having its contact face at the inner end and always in fixed alignment to flatly engage that of the fixed contact.

2,106,722
SPEED CHANGING DEVICE FOR PHONOGRAPH TURNTABLES
Edward E. Colleen and Emil Nyman, Fort Wayne, Ind.
Application December 17, 1931, Serial No. 581,694
2 Claims. (Cl. 274—9)



1. In a phonograph, the combination of a base plate, a turntable located above said base plate and adapted to rotate records of different reproducing speeds, and turntable rotating mechanism located below said base plate, said mechanism comprising a motor for driving said turntable, a shaft driven by said motor at a predetermined speed having a driving member on the end thereof, a spindle connected with said turntable having a driven member mounted thereon, said driven member being adapted to embrace said driving member, a stationary support for said turntable and spindle, a plurality of balls mounted for rotation in said driven member adapted to be engaged and rotated by said driving member, a ball race adapted to be locked with said balls and driven member for causing said driven member to be directly driven therethrough and unlocked therefrom to provide a ball race for said balls for obtaining a slower speed, a clutch member for locking said race with said driving member while releasing it from the support when said clutch is in one position and when in the other position locking the same with said support while releasing it from said driven member, and manually operable means extending through said base plate for selectively positioning said clutch in either of said positions.

2,106,723
QUICK CLOSING AND SEALING VALVE
Robert W. Colleen, Takoma Park, Md.
Application December 14, 1936, Serial No. 115,849
5 Claims. (Cl. 251—10)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A valve housing with bonnet offset and containing a valve seat as an integral part; a hinge pin, rotatably mounted within and extending through a stuffing box in said bonnet offset to which is attached means for manually operating said hinge pin; a valve containing an annular rubber packing ring and mounted upon said hinge pin within the valve housing in such a manner that when the hinge pin is rotated the valve will be caused to close upon the valve seat; a bent arm loosely mounted upon the hinge pin and to which movement is imparted by means of a lug rigidly mounted upon the hinge pin; a prop slidably mounted to the underneath side of the valve and so placed that when the bent arm is raised it will come in contact with the prop and cause the upper end of the prop to slide along the slots in the underneath side of the valve; this prop is slidably pivoted on its lower end in slots contained in a jack screw housing; a manually operated jack screw mounted in a stuffing box, and so centered that its inner end will be opposed to the lower end of the prop after the valve is in a closed position, and used to tightly seal the valve upon the valve seat.

2,106,724
CONNECTER
Burton H. Cope, Smithfield, Ohio
Application March 16, 1935, Serial No. 11,476
10 Claims. (Cl. 173—373)

1. A connecter comprising a clamping member having a base portion with a central longitudinal downwardly eccentrically arched portion and two side portions adapted to receive a

pair of parallelly-arranged conductors therebetween, and an insert with parallel sides, shaped to be guided between and along said conductors from a point outside said side portions when said conductors are initially inclined slightly to each other to form an inclined guiding camway



for said insert, said insert, when forced into final position, being adapted to press said conductors against said side portions and maintain all contacting surfaces of said conductors, side portions and insert in position parallel to the axis of said clamping member.

2,106,725
DIELECTRIC GUIDE SYSTEM
Harold Everdell Curtis, East Orange, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application April 11, 1936, Serial No. 73,955
8 Claims. (Cl. 178—44)



1. A hollow metallic guide and means for establishing therein dielectrically guided waves, the frequency of said waves being so related to the transverse dimensions of said guide that attenuation is substantially minimum.

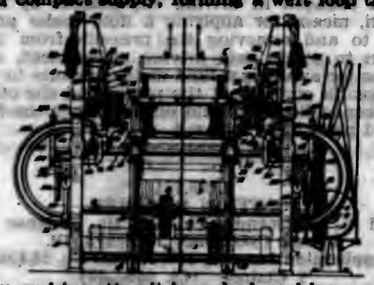
2,106,726
FILM SPOOL AND CONTAINER
Rupert H. Draeger, United States Navy
Application November 14, 1935, Serial No. 49,755
3 Claims. (Cl. 242—71)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A film spool comprising a flange, an inner hub extending from said flange with a flared end of said inner hub penetrating said flange, an outer hub enclosing said inner hub, an external flare on the other end of said inner hub and a flange on said outer hub underlying said flare on said inner hub to hold said hubs and flange in assembled position.

2,106,727
LOOM
Albert W. Drebile, Wayne, Pa., assignor to Collins & Aikman Corporation, Philadelphia, Pa., a corporation of Delaware
Application August 23, 1933, Serial No. 686,458
20 Claims. (Cl. 139—20)

1. In a loom of the character described, the combination with means for forming warp sheds and a support for a compact supply of weft yarn outside of the sheds formed by the said means, of a reciprocable weft carrier movable into warp sheds formed by said means, a device positively controlling the movements of said weft carrier throughout its travel into and out of such sheds, means for stretching a weft yarn from such supply in the path of reciprocation of said weft carrier, said weft carrier drawing out yarn from said compact supply, forming a weft loop there-



from and inserting it in a shed, and loom mechanism independent of the sheds for gripping said yarn and preventing the withdrawal of the inserted pick during the stretching of a subsequent weft length in the path of said weft carrier.

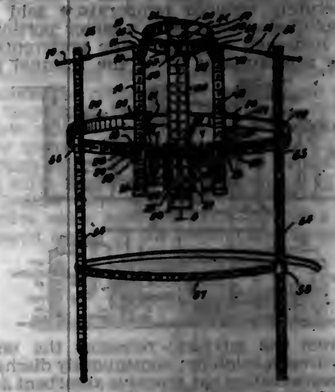
2,106,728
SEPARABLE FASTENER
Paul E. Fenton, Thomaston, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a corporation of Connecticut
Application February 4, 1936, Serial No. 62,242
2 Claims. (Cl. 24—216)



2. A snap fastener socket installation comprising, in combination, a socket member made from a single piece of sheet metal having a substantially cylindrical center wall of only one thickness of metal inturned along its free, front end and notched at spaced points for such distance as to form a plurality of resilient stud-engaging fingers, an annular breast of arcuate cross-section extending outwardly and forwardly from the rear end of the wall for such distance that the outer margin thereof lies in a plane at right angles to and forward of the free ends of such fingers, and a retaining ring of U-shaped cross-section extending rearwardly and inwardly from the edge of the breast and terminating at such point that the inner edge thereof lies opposite and spaced from the curved rear face of the breast; a sheet of supporting material having one face thereof engaging such member at the rear end of the wall; and an attaching element having a radial flange engaging the other face of the material, and a plurality of pointed prongs passing through the material and snugly engaging the breast from the rear end of the wall to the retaining ring so as to provide an additional thickness of metal for backing up the breast, and with its points disposed within the retaining ring and clamped between the opposite faces thereof so as to provide three thicknesses of metal at the outermost edge of the breast.

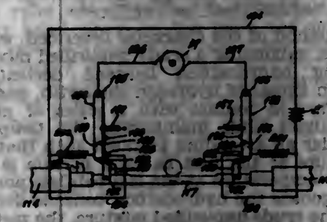
2,106,729
TAILOR'S MEASURING DEVICE
James J. Fichtel, Pottstown, Pa.
Application September 17, 1936, Serial No. 101,266
6 Claims. (Cl. 33—15)

1. A tailor's measuring device of the class described comprising a neck ring, shoulder strap members, intermediate strips depending with relation to the straps, fastening clamps common to said neck ring, straps and strips, a measuring ring, clamps mounting said measuring ring, said strips passing adjustably through said clamps, and means to secure said clamps to said strips,



side strips adjustably carried by said measuring ring, said measuring ring being in sections terminating adjacent the front center and rear center of the device, center strips depending from the neck ring, yokes connected to said center strips, and means connecting the ends of said sections to said yokes.

2,106,730
ART OF MACHINE CONTROL
Warren Hanham Foster, Washington Township, Bergen County, N. J., assignor to Kinatone Patents Corporation, New York, N. Y., a corporation of New York
Original application September 19, 1925, Serial No. 57,392, now Patent No. 1,942,262. Divided and this application November 7, 1933, Serial No. 697,469. In Great Britain September 19, 1925. Renewed March 21, 1936
59 Claims. (Cl. 88—17)

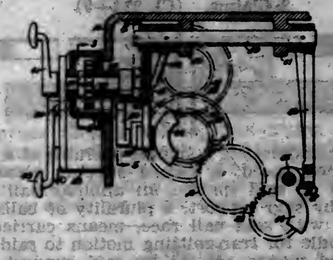


1. In combination with a machine, a motor, an operable connection between said motor and said machine, control mechanism operative independently of said motor and actuable by said machine, means operable by said control mechanism for rendering said connection inoperative and thereby stopping said machine, and means actuated by said control mechanism for slowing down said motor preparatory to rendering said connection inoperative.

11. The combination with a machine having a part movable along a work path, and a source of power connected to said machine for operating the same to move said part along its work path, of control means connected to said movable part and to said source of power, said control means including devices for stopping said movable part for a predetermined period of time at a predetermined point along its work path, and devices for slowing down said source of power preparatory to the stopping of said operable part.

18. In combination with a machine, an electric motor, an operable connection between said motor and said machine, control mechanism operative independently of said motor and actuable by said machine, means operable by said control mechanism for rendering said connection inoperative and thereby stopping said machine, means actuated by said control mechanism for slowing down said motor preparatory to rendering said connection inoperative, means including an actuating electrical circuit for operating said control mechanism, and a circuit for said last previously mentioned means separate from the circuit of said electric motor.

2,106,731
SPEED-CHANGE MECHANISM
Keith F. Gallimore, Fond du Lac, Wis., assignor to Giddings & Lewis Machine Tool Co., Fond du Lac, Wis., a corporation of Wisconsin
Application August 9, 1934, Serial No. 739,076
10 Claims. (Cl. 74—473)

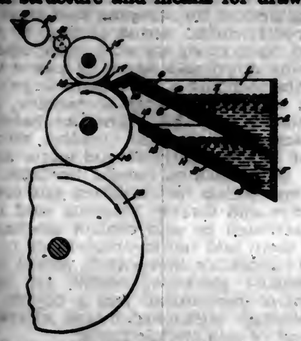


1. A speed-change mechanism comprising, in combination, a speed-change gearing having a shiftable gear element, a shiftable shoe engaging said element, a rock shaft, a lever fixed at one end on said shaft and having a pin and notch connection at the other end with said shoe, a second lever fixed at one end on said shaft and formed with a generally longitudinal cam groove, a crank shaft having an eccentric crank pin on one end projecting transversely into said groove, and means for rotating said crank shaft, whereby said rock shaft will be oscillated to shift said element in opposite directions, said cam groove having clearance recesses formed in the sides thereof for preventing over-travel of said shiftable gear element.

2,106,732
WATER FEED FOR ROTARY OFFSET AND LITHOGRAPHIC PRESSES
John G. Goodlin, San Antonio, Tex.
Application August 7, 1937, Serial No. 157,874
3 Claims. (Cl. 101—147)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In a printing press, the combination of a water feed and a distributing system including dual ink covered rollers, means for maintaining said rollers covered with ink and means for feeding water to said rollers and collecting any excess of water therefrom, said last mentioned means comprising a dual trough structure, a

source of water supply in one of the troughs of said dual structure and means for drawing any



excess of water from said rollers into the other trough of said structure.

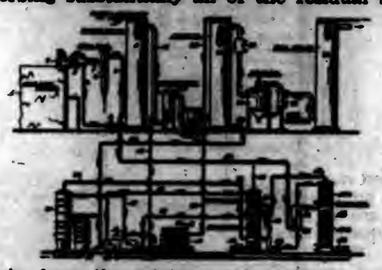
2,106,723
SPEED CHANGING MECHANISM
Thaddeus R. Goldsborough, Merchantville, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application January 30, 1932, Serial No. 589,968
2 Claims. (Cl. 274—9)



1. In combination, a spindle operable at a predetermined speed, a record support rotatably mounted on said spindle, an annular ball race carried by said support, a plurality of balls associated with said ball race, means carried by said spindle for transmitting motion to said ball race, and means carried by said support and adapted to co-act with said balls whereby said support may be rotated relatively to said spindle.

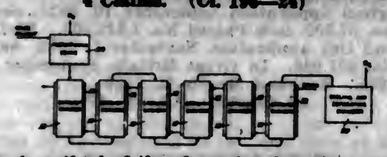
2,106,724
GAS PURIFICATION PROCESS
Herbert A. Gollmar, Union Township, N. J., assignor, by mesne assignments, to Koppers Company, a corporation of Delaware
Application February 27, 1935, Serial No. 8,501
15 Claims. (Cl. 23—3)

1. A process for recovery of hydrogen sulphide from coal-gas, comprising: absorbing the hydrogen sulphide by scrubbing the coal-gas with its own ammoniacal liquor fortified with ammonia to an extent greatly in excess of the normal ammonia content of such liquor, the excess being maintained by recirculation of ammonia from a further stage in the treatment system; expelling the hydrogen sulphide and part of the ammonia from the fouled scrubbing liquor by hot vapors from the distilling of ammonia from part of said liquor and returning the scrubbing liquor containing the remaining part of the ammonia to the scrubbing step; partially dephlegmating the so expelled hydrogen sulphide and admixture of ammonia and scrubbing the said gaseous mixture with a concentrated selective absorbent solution of an ammonia absorbent effective to raise the vapor pressure of hydrogen sulphide as compared with the vapor pressure of ammonia and hydrogen sulphide in simple water solution, in continuous flow into and out of contact with said gaseous mixture of hydrogen sulphide and ammonia without admixture of the selective absorbent solution with the coal gas scrubbing liquor, to effect a preferential absorption of the ammonia from the mixture, the dephlegmating being so limited that at the resulting moderately reduced temperature said absorbent solution absorbs only a minor portion of the said hydrogen sulphide while preferentially absorbing substantially all of the residual am-



monia from the mixture; releasing the unabsorbed hydrogen sulphide; continuously discharging and regenerating the selective absorbent solution separately from the expelling of the hydrogen sulphide from the fouled coal-gas scrubbing-liquor by reheating and distilling to remove the residual absorbed hydrogen sulphide and the absorbed ammonia; returning the ammonia as excess to fortify the gas scrubbing liquor by recirculating the so removed constituents through the prior scrubbing steps; and recirculating said regenerated absorbent solution.

2,106,725
METHOD OF CATALYTIC HYDROGENATION OF CRUDE BENZENE DERIVATIVES
Marion H. Gwynn, Bound Brook, N. J.
Application September 17, 1932, Serial No. 633,684
4 Claims. (Cl. 196—24)

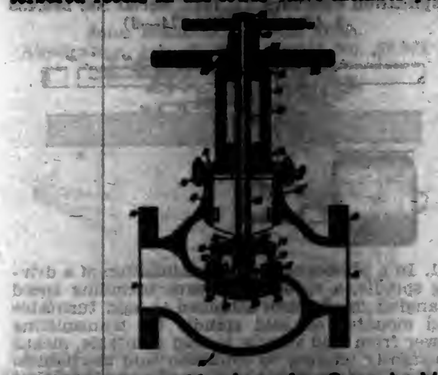


2. A method of the character described, which comprises, vaporizing a crude unpurified mixture containing hydrocarbon benzene derivatives, mixing an excess of hydrogen therewith, passing the mixture in contact with a series of nickel type catalysts while maintaining the temperatures under an ascending gradient such that the temperature at the first catalyst portion is less than the temperature at the last catalyst portion to hydrogenate the hydrocarbon benzene derivatives of the crude unpurified mixture, the method being carried out at a relatively low substantially constant pressure, the average temperature being substantially 145° C. while maintaining a partial pressure of hydrocarbon vapors less than three atmospheres.

2,106,726
VALVE ASSEMBLY
Walter H. Haas, United States Navy
Application February 12, 1935, Serial No. 6,292
1 Claim. (Cl. 251—27)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

A valve assembly comprising a valve body, a pair of spaced aligned cylindrical valve seats in

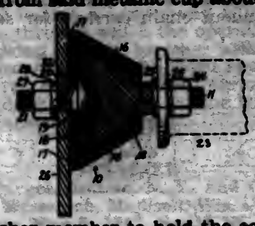
said valve body, a piston valve member, a packing ring on said valve member, said piston valve member including two valve member parts, one telescoped within the other with the inner of said valve member parts having an extending flange whose diameter is substantially equal to the diameter of the other valve member part, said packing ring being located between said extended flange and said other valve member part whereby it is adapted to be expanded into cooperation with either seat, and means for expanding and releasing the pressure on said ring for movement between said seats including a hollow valve stem secured to the upper of said valve member parts and a valve rod extending through said valve stem secured to the other of said valve member parts, the means for securing the hollow valve stem and valve rod to their respective valve member parts including a counterbored recess in the lower valve member part,



an abutment on said valve rod, a flange bushing on said rod above said abutment threaded into said counterbored recess thereby rotatably securing said valve rod to said lower valve member part, an abutment on the hollow stem within the upper valve member part and a nut threaded on said hollow stem without the upper valve member part to secure said hollow stem thereto, the abutment of said hollow stem being internally threaded and cooperative with threads on said valve rod extending therethrough, an auxiliary hand wheel on the valve rod for moving said valve rod axially relative to said hollow stem and thereby telescoping said valve member parts toward or from each other to compress or release the compression on the packing ring therebetween, and a main hand wheel on said hollow stem for rotating said hollow stem to move said valve member parts as a unit from one seat to the other when the compression on the packing ring has been released.

2,106,727
FLEXIBLE CONNECTER
Homer H. Halvo, Washington, D. C.
Application December 5, 1936, Serial No. 114,240
2 Claims. (Cl. 287—85)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. A connecter for yieldably connecting two members, comprising a cone shaped resilient cushioning cup having an open end and a closed base, a bolt having a correspondingly shaped cone head inserted within said cushioning cup, a metallic conical cup placed about the side of said cushioning cup, a washer member covering said cushioning cup base, a securing member extending through said washer member, and a flange extending from said metallic cup about the edges



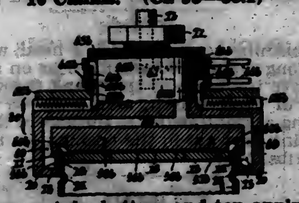
of said washer member to hold the connecter in assembled position.

2,106,728
PAPER AND ANALOGOUS MATERIAL CONTAINER
John K. M. Harrison, Ogonts, Pa.
Application December 19, 1935, Serial No. 55,241
22 Claims. (Cl. 93—55.1)



1. The method of fabricating containers which comprises forcing heated tight-fitting closures into the ends of a suitably-lined tube section with incidental formation thereabout of permanent sealing juncture-fillets between the tube wall and the adjoining inner edges of said closures.

2,106,729
CONTAINER BOTTOM AND TOP APPLYING AND SEALING MACHINE
John K. M. Harrison, Ogonts, Pa.
Application March 30, 1936, Serial No. 69,305
10 Claims. (Cl. 93—55.1)

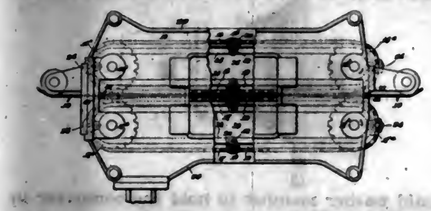


1. In paper tube bottom and top applying and inserting machines, the combination of a stationary heater head having a hollow for the individual reception of the tube ends, an inner concentric peripherally-flanged heater holder, and an intervening disc having a tapering peripheral edge adapted to flare the tube edge.

2,106,740
PAPER-BAG MACHINE ATTACHMENT
William C. Hepke, Philadelphia, Pa., assignor to Thomas M. Royal & Co., Philadelphia, Pa., a corporation of Pennsylvania
Application March 25, 1935, Serial No. 12,938
14 Claims. (Cl. 93—37)

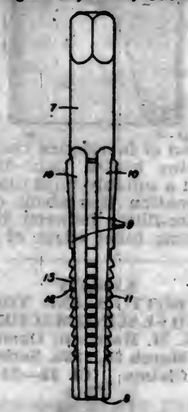
1. Means for effecting permanent engagement of the bottom turned or folded portions of paper

bags, comprising cooperating clamping members between which said folded portions may be tightly held, continuous chain carriers for said clamp-



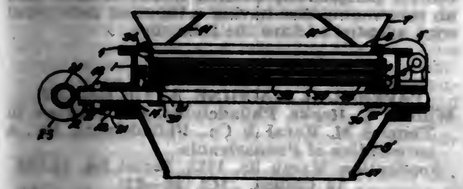
ing members whereby they may be brought into registering position to engage said folded bottom portions, and means for heating said cooperating clamping members as they are moved.

2,106,741
BUSHING REMOVER
Joseph F. Herbert, Audubon, N. J.
Application July 30, 1936, Serial No. 93,414
1 Claim. (Cl. 81—71)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



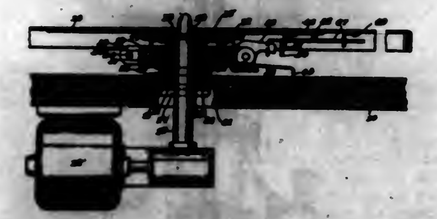
In a bushing removing tool, a head, a tapered shank, longitudinal rectangular ribs on and conforming to the taper of the shank throughout a portion of their length, and teeth on the ribs extending at right angles to the axis of the shank for cutting keyways in the bushing for reception of the ribs.

2,106,742
SIFTING DEVICE
Raymond Hinkle, Hanover, Pa.
Application January 18, 1936, Serial No. 59,777
5 Claims. (Cl. 209—244)



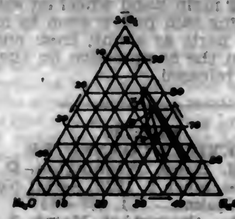
3. A sifting device comprising a casing, a pair of bearings provided at each end of said casing, a pair of supporting bars slidably arranged within said bearings, a yoke connected to said bars, means for reciprocating said yoke, a sieve box detachably secured to said bars and having an open upper side, a plurality of sieves detachably supported in said box in superimposed positions, a cover plate removably secured to the upper open side of the casing and being provided with a feed opening therethrough, a feed hopper secured to said box and sieves being removable as a unit from the casing upon displacement of the cover plate said plate in registry with said opening.

2,106,743
POWER TRANSMISSION DEVICE
John J. Heehn, Camden, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application February 27, 1932, Serial No. 595,458
3 Claims. (Cl. 274—9)



1. In a phonograph, the combination of a driving spindle, a turntable, means including speed changing mechanism attached to said turntable and mounted on said spindle for transmitting power from said spindle to said turntable, means constantly tending to condition said mechanism to drive said turntable at a speed other than that of said spindle, and means for rendering said last named means ineffective to so condition said mechanism whereby said mechanism is conditioned to drive said turntable at the same speed as said spindle.

2,106,744
TREATED BOROSILICATE GLASS
Harrison Porter Hood and Martin Emery Nordberg, Corning, N. Y., assignors to Corning Glass Works, Corning, N. Y., a corporation of New York
Application March 19, 1934, Serial No. 716,418
19 Claims. (Cl. 106—38.1)

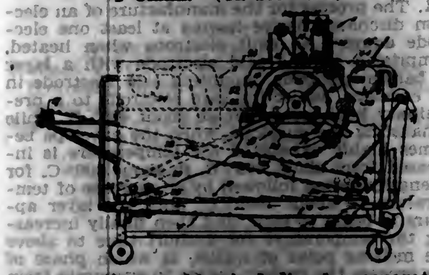


1. A shaped article of glass made from another glass, the composition of which lies in a limited region of the ternary system—$R_2O \cdot B_2O_3 \cdot SiO_2$, said region comprising compositions which will separate by heat treatment into two phases, one of which is easily soluble and the other insoluble, the final glass containing a substantially less percentage of boric acid and alkali than the initial glass.

2,106,745
PROCESS FOR THE PREPARATION OF SILICA FOR GLASS BATCHES
Harrison P. Hood, Corning, N. Y., assignor to Corning Glass Works, Corning, N. Y., a corporation of New York
No Drawing. Application March 23, 1936, Serial No. 70,545
5 Claims. (Cl. 106—106)

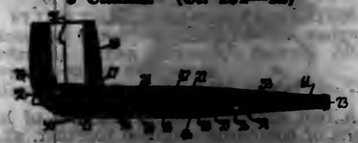
1. The method of preparing silica for use in glass batches, which includes introducing the silica into an acid solution, adding thereto a flotation reagent including a naphthylamine compound, agitating the solution in a flotation apparatus to float off the iron impurities, and drying the silica.

2,106,746
GRAIN CLEANER FOR THRESHING MACHINES
John Heimbit, Detroit, Mich.
Application July 6, 1936, Serial No. 88,962
1 Claim. (Cl. 209—318)



A separating machine including two separately and independently mounted and independently operated horizontal shaker sieves, one above the other, and means for sucking air out of the space between them at one end of that space and for blowing that air into a collector bag, and means for blowing air into the space between them at the other end of that space, the upper sieve being substantially horizontal, and the lower sieve being disposed at an acute angle with respect thereto so that the vertical distance between the sieves, near the air blowing means, is larger than the vertical distance between the sieves near the air sucking means, the lower sieve being formed as part of a plate having an imperforate area disposed between the sieve part of the plate and the air sucking means, the machine also having a third sieve, secured to the plate and disposed below the second sieve, and arranged at an acute angle with respect to the first sieve so as to incline down towards the air blowing means end of the machine.

2,106,747
SMOKING PIPE
Norman K. Jellinghaus, Philadelphia, Pa.
Application March 1, 1934, Serial No. 713,564
9 Claims. (Cl. 131—18)



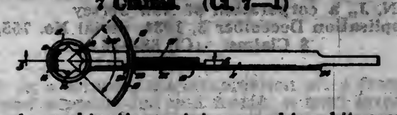
1. A pipe comprising a bowl, a mouthpiece, a piston type displacement force pump between the bowl and the mouthpiece through the chamber of which the draft connection between the bowl and the mouthpiece is effected, the chamber of the pump having a headed end adjoining the mouth-piece through which the operating piston rod of the pump extends, together with a lateral port to atmosphere at said headed end, and the said piston rod having a hollow interior through which the draft connection of the mouthpiece with the chamber is effected.

2,106,748
CONTAINER
James C. Karnes, Buffalo, N. Y., and Gregory J. Kenzenich, Madison, Wis.
Application May 6, 1933, Serial No. 669,666
25 Claims. (Cl. 229—51)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A sheet of flexible material for forming a wrapped container, said sheet having spaced homogeneous banded portions of increased thickness and having a tab projecting from one end in continuation of the intermediate portion between the banded portions.

2,106,749
COMBINATION MINING BIT GAUGE AND WRENCH
Jesse L. Knight, Provo, W. Va., assignor of one-half to J. A. Rogers, Montgomery, W. Va.
Application March 21, 1935, Serial No. 11,319
7 Claims. (Cl. 7—1)



1. A combination mining machine bit gauge and wrench comprising a mining machine set screw wrench, and a mining machine bit gauge secured thereto, said gauge comprising a curved limiting member having a radius equal to the desired length the mining machine bit is to extend from the center of its securing set screw.

2,106,750
SAFETY APPARATUS FOR LIQUID FUEL CONTAINERS
Nicholas E. Koch, Los Angeles, Calif.
Application May 31, 1934, Serial No. 728,459
13 Claims. (Cl. 220—85)



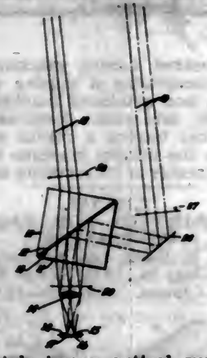
1. In a device as described, a fuel tank having a filler opening with a closure means therefor, an inlet pipe connected to an upper portion of the tank, said tank having an outlet adjacent an upper portion and remote from the inlet pipe, an exhaust pipe adapted for connection to an internal combustion engine and having a discharge opening, the inlet pipe being connected to the exhaust pipe, and a by-pass valve to by-pass a portion of the exhaust gases from the exhaust pipe through the inlet pipe to the tank.

2,106,751
FILM PROCESSING
Victor Krupa, New York, N. Y., assignor to Pearless Film Processing Corporation, a corporation of New York
Application September 28, 1935, Serial No. 42,256
3 Claims. (Cl. 95—88)



1. A method of treating exposed and developed films comprising dehydrating said films by subjecting them to a high degree of vacuum; admitting while under a high degree of vacuum successive vapors for softening the base of the films and for hardening them; again subjecting said films to a vacuum, and thereafter introducing an atomized lubricant for covering said films while under the high vacuum.

2,106,752
FIELD DIVIDER
Edwin H. Land, Wellesley Farms, Mass., assignor to Sheet Polarizer Company, Inc., Union City, N. J., a corporation of New Jersey
Application December 3, 1934, Serial No. 755,679
8 Claims. (Cl. 88—16.6)



5. A multiple image optical system comprising, in combination, a light-dividing unit and an objective, said unit having a plane transparent surface at the critical angle of reflection to the axis of said objective to provide a transmitted and a reflected beam, and reflecting means adjacent the transparent surface for providing common focal planes for the said beams.

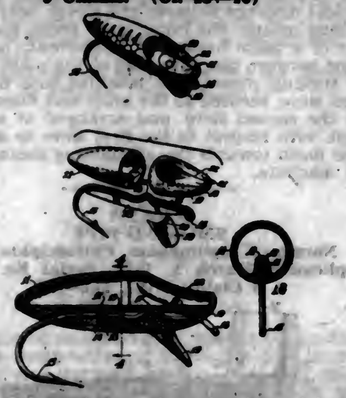
2,106,753
ELECTRIC DISCHARGE TUBE OR LAMP
Anton Lederer, Vienna, Austria; Catherine Danzer and General Conrad Randa, executors of said Anton Lederer, deceased, assignors to Ernest Anton Lederer, Glen Ridge, N. J.
No Drawing. Application January 14, 1931, Serial No. 508,801. Renewed May 15, 1936. In Austria June 27, 1930
26 Claims. (Cl. 250—27.5)

20. A method for the production of an electric discharge device having at least two electrodes of which at least one is adapted to emit electrons when heated, which comprises providing said electron emitting electrode with successive coatings containing barium peroxide in suspended form, each coating being dried before the next coating is applied, mounting said electrode in a tube, exhausting said tube to a relatively high vacuum, subjecting said tube to preliminary heating while the same is being exhausted, and then, whilst maintaining the vacuum, subjecting the emitting electrode at least to heat treatment at a temperature at least to nearly the melting point of nickel.

2,106,754
ELECTRIC DISCHARGE DEVICE
Anton Lederer, deceased, late of Vienna, Austria, by Katherine Danzer and Conrad Randa, executors, Vienna, Austria, assignors to Ernest Anton Lederer, Glen Ridge, N. J.
No Drawing. Application November 30, 1932, Serial No. 645,135. In Austria December 1, 1931
29 Claims. (Cl. 250—27.5)

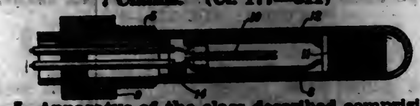
1. The process for the manufacture of an electron discharge device having at least one electrode adapted to emit electrons when heated, comprising coating said electrode with a layer of barium peroxide, mounting said electrode in an envelope, subjecting said electrode to a preliminary heat treatment at about 400° C. while exhausting the envelope, when the envelope becomes highly exhausted the temperature is increased from about 600° C. to about 800° C. for a lengthy period followed by an increase of temperature to about 1000° C. until the layer appears to begin to melt, and then finally increasing the temperature for a short time to above the melting point of nickel, at which phase of the process the barium begins to evaporate from the layer, which phenomenon becomes manifest by the layer assuming a black color characteristic.

2,106,755
FISH LURE
Joseph McArthur, Dowagiac, Mich., assignor to James Heddon's Sons, Dowagiac, Mich., a corporation of Michigan
Application May 1, 1936, Serial No. 77,369
9 Claims. (Cl. 43—46)



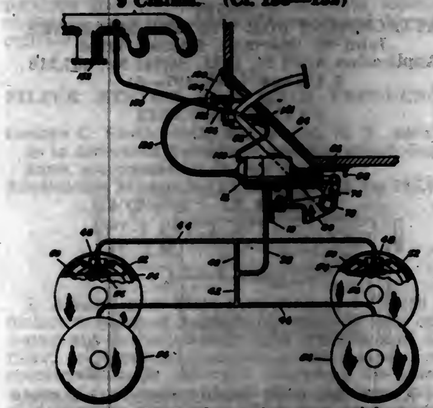
1. A bait consisting of a plurality of hollow sections of composition united together, at least one of the sections being provided with an exteriorly grooved rib, affording a continuous longitudinally extending channel, and a hook having its shank positioned within the channel.

2,106,756
LIQUID LEVEL CHANGE DETECTOR
John A. Obermaier, Chicago, Ill.
Original application October 3, 1935, Serial No. 43,294. Divided and this application April 13, 1936, Serial No. 74,012
7 Claims. (Cl. 177—311)



5. Apparatus of the class described comprising a tube of material of high heat conductivity, an electric heating element at one end thereof, a thermal responsive switch at the other end and heated by said element, and a second tube surrounding the first tube and of a material having a substantially lower heat conductivity than the first tube, the heat generated by the heater being dissipated through the first tube to the second and thence to the ambient medium, and thermal switch controlled circuit connections within one of said tubes for controlling the treating element.

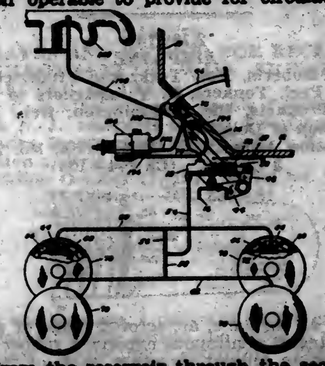
2,106,757
HYDRAULIC BRAKE SYSTEM
Wallace F. Oliver, Detroit, Mich., assignor to Hydraulic Brake Company, Detroit, Mich., a corporation of California
Application February 26, 1934, Serial No. 712,258
9 Claims. (Cl. 188—153)



1. A hydraulic brake system comprising a primary means for producing pressure in the system, a secondary means for producing pressure connected to the system through the primary means, a source of a predetermined quantity of stored energy for actuating the secondary means, said predetermined quantity being just sufficient to remove slack from the system, means for releasing the stored energy, and means for actuating the primary means including means controlling the release means.

2,106,758
FLUID PRESSURE BRAKE SYSTEM
Wallace F. Oliver, Detroit, Mich., assignor to Hydraulic Brake Company, Detroit, Mich., a corporation of California
Application February 26, 1934, Serial No. 713,259
10 Claims. (Cl. 188—153)

2. A fluid pressure operated system comprising a primary means for producing pressure, a secondary means for producing pressure, a reservoir for supplying fluid to both pressure producing means, a valve connected between the primary and secondary pressure producing means and the reservoir operable to provide for circulation of



fluid from the reservoir through the secondary pressure producing means and back to the reservoir.

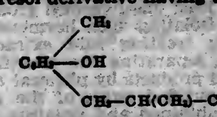
2,106,759
WHEELED SCRAPER
Thomas R. Paulsen, South Milwaukee, Wis., assignor to Bucyrus-Erie Company, South Milwaukee, Wis., a corporation of Delaware
Application January 9, 1937, Serial No. 119,790
14 Claims. (Cl. 37—123)



5. In a scraper, the combination of: a frame; ground supports for said frame; a bowl pivoted on the frame for tilting movement in a vertical plane, said bowl being open at both front and rear, and having a digging edge at its front end; a front apron, pivotally supported by means which is independent of the bowl and which is in turn supported by the frame, in such manner that the apron accompanies the bowl when the latter is tilted to its dumping position; means to restrain the apron from accompanying the bowl when the latter is tilted to its digging position; an end gate pivoted on the bowl; means to open the gate when the bowl is tilted from its carrying position to its dumping position; and means carried by the frame for tilting the bowl.

2,106,760
p-METHYL BUTYL CRESOLS
George W. Raiziss and Le Roy W. Clemence, Philadelphia, Pa., assignors to Abbott Laboratories, North Chicago, Ill., a corporation of Illinois
No Drawing. Original application June 22, 1934, Serial No. 731,896. Divided and this application February 17, 1937, Serial No. 126,201
4 Claims. (Cl. 260—154)

1. A cresol derivative having the formula:



said derivative having high germicidal value com-

bined with low toxicity in the presence of blood serum and being completely soluble in dilute alkali.

2,106,761
AIRPLANE
Dudley Roberts, New York, and Frederick William Peel, Yonkers, N. Y., assignors to Rubatex Products, Inc., Wilmington, Del., a corporation of Delaware
Application January 15, 1934, Serial No. 706,772
3 Claims. (Cl. 244—133)



1. In an airplane, an aerofoil made of a hard rigid integral continuous expanded rubber made of a minute cellular structure, each of the cells being individually sealed from the other cells, each containing a gas admitted at the relatively high pressure of 3000 pounds per square inch; and reinforcing members imbedded in said rubber for supporting fittings, said rubber containing a tough crust of rubber along the reinforcing members.

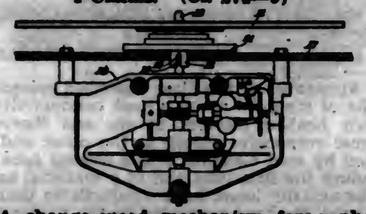
2,106,762
CONTROLLED-GRAIN SUGAR
Reed W. Robinson and Andrew Olsen, Jr., San Francisco, Calif.
No Drawing. Application November 27, 1934, Serial No. 755,000
8 Claims. (Cl. 99—134)

1. The process of making an extremely fine controlled-grain sugar which comprises cooking sugar and water together with a small proportion of an edible non-crystallizable film forming material adapted to form a film between the sugar crystals, lowering the temperature of the mass, and before appreciable crystallization sets up stirring the same to inhibit coarse granulation thereof, thereafter drying and finely dividing the mass, whereby a product results which consists of a substantially dry loose material adapted to retain its extremely fine substantially grainless characteristic and yield a smooth substantially grainless fondant-type of candy body upon remelting or softening with water and heat and again cooling without a creaming step.

2,106,763
METHOD OF PURIFYING CRUDE EXTRACTS OF THE GERMINAL GLAND HORMONES AND OF ISOLATING THE LATTER THEREFROM
Erwin Schwenk, New York, N. Y., Max Gehrke, Birkenwerder, near Berlin, and Friedrich Hildebrandt, Hohen Neuendorf, near Berlin, Germany, assignors to Schering-Kahlbaum A. G., Berlin, Germany, a corporation of Germany
No Drawing. Application May 4, 1934, Serial No. 723,928. In Germany May 5, 1933
16 Claims. (Cl. 260—121)

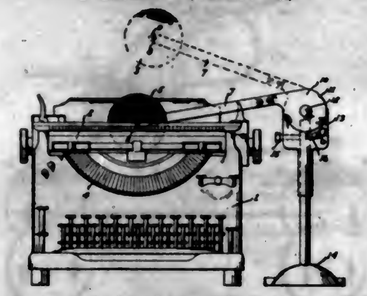
1. A method of purifying crude extracts containing male and female germinal gland hormones having at least one hydroxyl group in the molecule and of isolating such hormones therefrom, comprising treating said extracts with acylating agents, separating the esterified from the non-esterified products by physical methods, saponifying the purified esters of the germinal gland hormones obtained and isolating the germinal gland hormones.

2,106,764
PHONOGRAPH
Hudson R. Searing, New York, and Axel F. Shipsteád, North Pelham, N. Y., assignors to Radio Corporation of America, a corporation of Delaware
Application January 27, 1932, Serial No. 589,062
4 Claims. (Cl. 274—9)



1. A change-speed mechanism for a phonograph comprising in combination a turn table, a central shaft, a ring surrounding said shaft, pinions connected to said turn table and located between said ring and said shaft and forming therewith a unitary differential gearing, said shaft being hollow and being adapted to engage the driving shaft of the phonograph in either of two positions, in one of which said ring engages and is held by a fixed part of the phonograph, and in the other of which it is free.

2,106,765
ATTACHMENT FOR WRITING MACHINES
John Q. Sherman, Dayton, Ohio
Application April 21, 1933, Serial No. 667,210
3 Claims. (Cl. 197—6)



1. As an article of manufacture, a relatively hard flexible disc having parallel corrugations, said disc being centrally perforated for revolubly mounting upon a support, and adapted to be positioned behind a record sheet to receive the pressure of the writing operation whereby the corrugated surface of the disc will be impressed in the record sheet, but in progressively different angular relation.

2,106,766
PROCESS FOR MAKING SAFETY GLASS
James H. Sherts and Brock J. Dennison, Tarentum, Pa., assignors to Duplate Corporation, a corporation of Delaware
Application December 22, 1934, Serial No. 758,706
4 Claims. (Cl. 49—81)

1. A process of making safety glass which consists in applying a layer of plasticized resin in powder form to a glass plate which layer is heated and pressed onto the plate so that the particles adhere to each other and to the plate but without colloiding, assembling a second glass plate on the first plate with the resin layer therebetween and subjecting the sandwich thus formed to pressure and to sufficient heat to colloid the

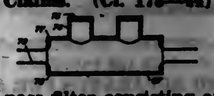


layer into a solid transparent sheet tightly adherent to the glass sheets.

2,106,767
PROCESS FOR PRODUCING A HYDROCARBON FLUORESCENT PRODUCT
Lloyd R. Smith, Moorestown, N. J., Stanard R. Funston, Rosemont, and Hugh W. Field, Glen Mills, Pa., assignors to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application September 23, 1933, Serial No. 690,766
7 Claims. (Cl. 196—151)

1. The process for producing a hydrocarbon product capable of rendering a hydrocarbon oil fluorescent from high molecular weight derivatives of coal tar which comprises, commingling said derivative with an unsaturated hydrocarbon liquid, separating the undissolved portions of said derivative from the solution formed with other portions thereof, and adding to such solution sufficient saturated hydrocarbon liquid to precipitate at least a portion of the solute.

2,106,768
FILTER SYSTEM FOR HIGH FREQUENCY ELECTRIC WAVES
George C. Southworth, Ridgewood, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application September 25, 1934, Serial No. 745,457
33 Claims. (Cl. 178—44)



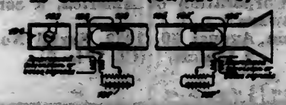
1. A band-pass filter consisting of a length of dielectric guide of suitable diameter to pass only waves above the lower critical frequency of the filter, and branch dielectric guide stubs of respective suitable different diameters to absorb waves of frequencies higher than the upper critical frequency whereby the filter as a whole passes only those waves of frequency between the two critical frequencies.

2,106,769
TRANSMISSION OF GUIDED WAVES
George C. Southworth, Red Bank, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application August 22, 1935, Serial No. 37,557
21 Claims. (Cl. 178—44)



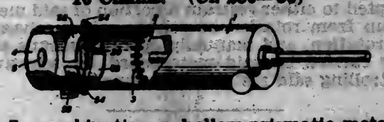
1. A metal sheathed wave guide, a source of electromagnetic waves, a metallic-walled chamber enclosing said source and connected with said guide to establish dielectrically guided waves therein, the impedance of said guide being matched with the impedance presented by said source.

2,106,770
APPARATUS AND METHOD FOR RECEIVING ELECTROMAGNETIC WAVE SIGNALS ON DIELECTRIC GUIDES
George C. Southworth and Archie P. King, Red Bank, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 12, 1935, Serial No. 44,641
15 Claims. (Cl. 250—8)



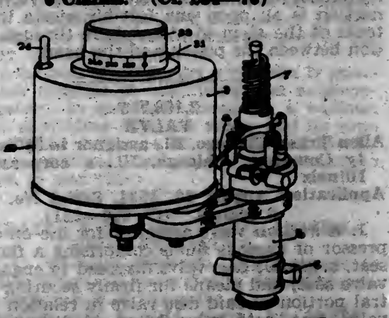
1. In combination, a dielectric guide, an electron discharge tube within the guide, a pair of conductors projecting oppositely therefrom along the direction of the lines of force of received waves in the guide, and a signal indicating circuit comprising said tube.

2,106,771
ULTRAHIGH FREQUENCY SIGNALING
George Clark Southworth, Red Bank, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application April 11, 1936, Serial No. 73,940
In France September 11, 1935
16 Claims. (Cl. 250—36)



6. In combination, a hollow prismatic metallic chamber having an orifice in one end thereof for the passage of high frequency electromagnetic waves, a conduction current circuit, and means for coupling said circuit in energy transfer relation with waves in said chamber, the proportions of said chamber and the size of said orifice being such that said chamber is resonant at or about the frequency of said waves.

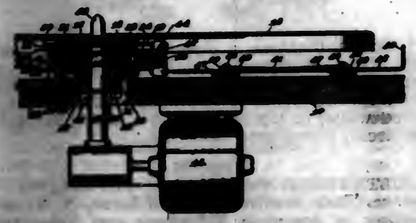
2,106,772
PRESSURE RECORDING APPARATUS AND METHOD
Joseph A. Stein, Pittsburgh, and Hugo F. Semrau, Rosedale, Pa., assignors to Bacharach Industrial Instrument Company, a corporation of Pennsylvania
Application July 29, 1936, Serial No. 93,304
6 Claims. (Cl. 234—76)



1. In apparatus for recording pressure fluctuations, a pressure operated marking device, a rec-

ord receiving drum in position to be engaged by the marking device, means whereby a spinning impetus may be given to the drum but which leaves it free therefrom, after such impetus, to rotate at decreasing speed under its own inertia, and means connected to the drum for indicating the proper peripheral speed of rotation thereof for application of the marking device.

2,106,773
POWER TRANSMISSION DEVICE
John B. Sucmala, Camden, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application August 30, 1932, Serial No. 630,985
9 Claims. (Cl. 274—9)



1. In combination, a motorboard, a phonograph record supporting platen including a depending hub, a selective speed changing mechanism permanently journaled on said hub, means adapted to either restrain a portion of said mechanism from rotation or release said mechanism for rotation, and manually operable means slidably carried by said motorboard for selectively controlling said restraining means at will.

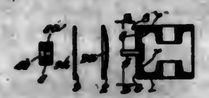
2,106,774
SMOKING PIPE
John P. Tarbox, Philadelphia, Pa.
Application March 1, 1934, Serial No. 713,558
18 Claims. (Cl. 131—12)



2. A pipe comprising a bowl, a stem having a fixed head at one end, a piston in the stem adapted to be reciprocated therein to and from the head, and means establishing a valved connection between the headed end of the stem and the atmosphere independent of the bowl whereby reciprocation of the piston when the valved connection is an open one forcibly ejects the contents of the stem to atmosphere through co-action between the piston and the head.

2,106,775
VALVE
Allen Trask, Chicago, Ill., assignor to Mills Novelty Company, Chicago, Ill., a corporation of Illinois
Application August 10, 1934, Serial No. 739,193
8 Claims. (Cl. 230—221)

1. A suction valve assembly for use on a compressor of gaseous fluids comprising a flat valve seat, a flexible disc valve disposed to engage said valve seat, and means for firmly securing a central portion of said disc valve in relation to said valve seat, said valve being of dished formation, whereby to normally maintain the valve in unseated position on the valve seat, the flexibility of said valve being of such degree that the valve will lag in closing on the compression



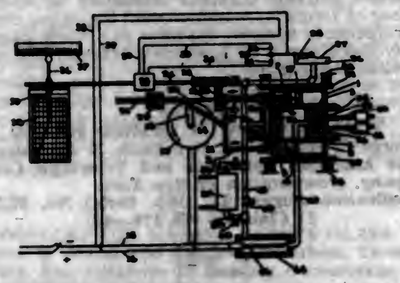
stroke, thereby allowing a greater volume of fluid to enter the compression chamber than would be allowed by a normally seated valve.

2,106,776
RECEIVING SYSTEM
Bertram Trevor and Ralph Waldo George, Riverhead, N. Y., assignors to Radio Corporation of America, a corporation of Delaware
Application February 23, 1935, Serial No. 7,903
13 Claims. (Cl. 250—20)



1. The combination with an ultra high frequency oscillatory circuit comprising inner and outer concentric tubular conductors which are coupled together at both ends, said conductors being capacitively coupled together at least at one end, said capacitive coupling comprising a hollow metallic drum conductively connected to and mounted on said inner tubular conductor, of two spaced conductors within and separated from said inner tubular conductor, said spaced conductors extending into the interior of said hollow drum, whereby the potentials of said two spaced conductors vary in accordance with variations in potential of said hollow drum.

2,106,777
PROCESS AND APPARATUS FOR ANALYZING GAS
Louis L. Vayda, Aspinwall, Pa.
Application April 26, 1934, Serial No. 722,491
5 Claims. (Cl. 23—255)



3. A method of analyzing gas, which consists in pumping separately into a sampling system a gas mixture containing a constituent, the percentage of which it is desired to determine, and a fixed proportion of some other gas which will react with the constituent in a definite manner so that the volume of the gaseous products of the reaction is different from the initial volume of the reacting gases, pumping said mixture into

a closed testing system, causing said reaction to occur, pumping from the sampling system, coincident with the supply of gas thereto, a quantity of the gaseous products of the reaction, varying the relative volumes of gas delivered into and removed from the testing system so that the pressure in the testing system is maintained constant, and during the pumping of gas into and out of the sampling system, measuring the difference between the volume of gas delivered to the testing system and that withdrawn therefrom to give a determination of said constituent.

4. Apparatus for analyzing gas containing a constituent whose percentage it is desired to determine, comprising a closed testing system, a collateral sampling system, means for pumping into and at the same time pumping from the sampling system a gas mixture, means in the closed testing system for treating the mixture so that its volume is modified dependent upon the amount of said constituent, said means for delivering the gas and exhausting it comprising a cylinder provided with a driven plunger and a driven follower, one end of the cylinder receiving the gas to be supplied to the sampling system as the plunger and follower move in one direction and supplying it to the testing system on the reverse stroke, and the other end of the cylinder receiving the gas from the testing system as the plunger and follower move in one direction and discharging it to the atmosphere on the reverse stroke, said plunger having a constant displacement and the follower being adjustable as to displacement and means for indicating the variable displacement of the follower during the pumping operation.

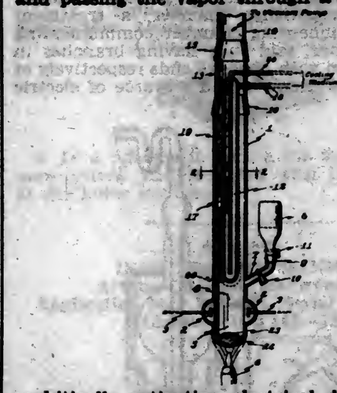
2,106,778
PHONOGRAPH
Joseph A. Volk, St. Louis, Mo., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application December 10, 1931, Serial No. 580,040
5 Claims. (Cl. 274—9)



1. In a phonograph turn-table construction, the combination of a hub adapted to be placed upon and have non-rotative engagement with a spindle of a phonograph, a support revolubly mounted on said hub, a turn-table carried by said support, and means arranged in said support for operative association of said hub with said turn-table whereby the latter is operated by said phonograph spindle at differential speed with respect thereto.

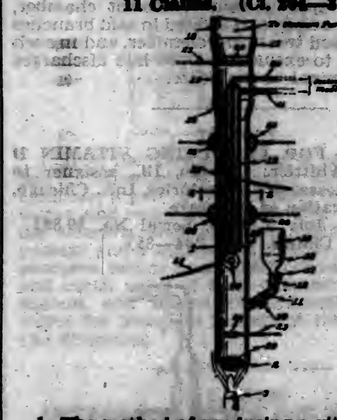
2,106,779
METHOD AND MEANS FOR PRODUCING VITAMIN D
Charles C. Whittier, Chicago, Ill.
Application May 2, 1934, Serial No. 723,495
3 Claims. (Cl. 204—81)

1. The method of producing vitamin D characteristics in ergosterol, which consists in vaporizing the ergosterol on a heated mass of indium and passing the vapor through a zone of anti-



rachitically activating electrical discharge in a vacuum.

2,106,780
METHOD FOR PRODUCING A VITAMIN D PRODUCT
Charles C. Whittier, Chicago, Ill.
Application May 2, 1934, Serial No. 723,496
Renewed February 9, 1937
11 Claims. (Cl. 204—81)



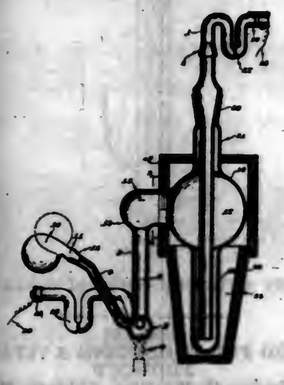
1. The method of producing a vitamin D product, which consists in vaporizing ergosterol and subjecting the vapor to the influence of antirachitically activating electrical discharges in successive zones in which the discharges pass in respectively different directions.

5. The method of producing a vitamin D product, which consists in vaporising and condensing ergosterol in successive zones in a vacuum tube and subjecting both the vapor and its condensate to the influence of an antirachitically activating electrical discharge while subject to a vacuum in said tube.

2,106,781
APPARATUS FOR PRODUCING ANTIRACHITIC PRODUCTS
Charles C. Whittier, Chicago, Ill., assignor to Nutrition Research Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application July 5, 1935, Serial No. 29,881
2 Claims. (Cl. 204—81)

1. In apparatus for antirachitic activation of

alimentary substances, a vacuum tube having means to maintain a vacuum therein, a supply chamber, a vaporizing chamber, a treatment chamber, a condensing chamber communicating with each other, said tube having branches in communication with opposite ends respectively of said treatment chamber and a source of electric



current having terminals exposed to the contents of said tube for causing an electric current to flow through the vapor in said treatment chamber, said terminals being each located in said branches remote from said treatment chamber, and in such disposition as to exclude straight line discharges from one terminal to the other.

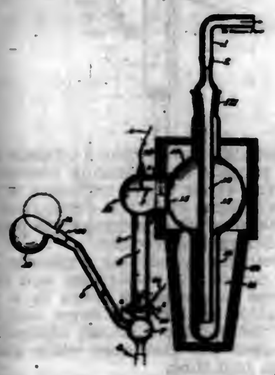
2,106,782

APPARATUS FOR PRODUCING VITAMIN D

Charles C. Whittier, Chicago, Ill., assignor to Nutrition Research Laboratories, Inc., Chicago, Ill., a corporation of Delaware

Application July 5, 1935, Serial No. 29,882

4 Claims. (Cl. 204—31)



1. Apparatus for producing antirachitic activation of suitable substances, comprising a tube of dielectric material forming a treating chamber, a vaporizing chamber directly below said tube, an upwardly inclined supply duct leading to said tube, a supply receptacle at the upper end of said supply tube having a tangentially arranged throat and being rotatable about the axis of said supply tube, whereby the flow of material from said throat may be regulated by rotating said supply receptacle, a transversely disposed enlarged tubular branch at the upper end of said treating chamber, a further enlarged expansion chamber communicating with said branch and having a depending arm, an evacuating tube extending through said expansion chamber into said arm, and pumping means for evacuating the apparatus through said evacuating tube.

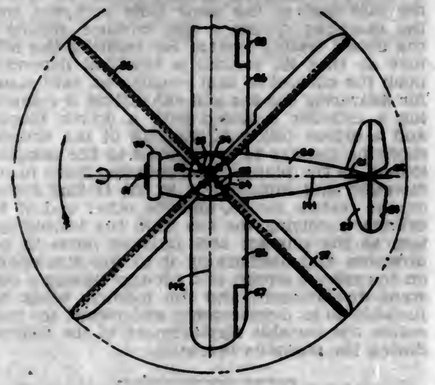
2,106,783

GYROPLANE

Edward Burke Wilford, Marion, Pa.

Application July 17, 1933, Serial No. 680,695

3 Claims. (Cl. 244—6)



1. In aircraft, a normally aerodynamically driven rotary wing system comprising a hub, a shaft having an axis and journalled diametrically on said hub, a blade having a longitudinal axis mounted on said shaft with its longitudinal axis substantially parallel with said shaft but rearwardly offset therefrom, and control means for moving said blade on and relative to the axis of the diametrically disposed shaft.

2,106,784

MANUFACTURE OF YEAST

John F. Wretea, Baltimore, Md.

No Drawing. Application July 29, 1933, Serial No. 681,573

11 Claims. (Cl. 195—30)

10. A process of manufacturing yeast comprising the steps of preparing a yeast nutrient medium deficient in yeast assimilable sugar, and converting soluble starch to sugar by diastatic action in said medium simultaneously with the propagation of yeast therein.

2,106,785

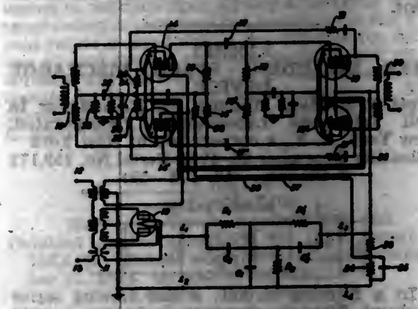
ELECTRIC FILTER

Herbert W. Augustadt, Valley Stream, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application May 22, 1936, Serial No. 81,400

7 Claims. (Cl. 178—44)

1. An electrical filter comprising a pair of symmetrical T-networks connected in separate paths between a pair of common input terminals and a pair of common output terminals, one of said networks consisting of two series resistances and a shunt capacity, and the other of said networks consisting of two series capacities and a shunt resistance, said capacities and resistances



being proportioned to provide maximum attenuation in the filter at a preassigned frequency.

2,106,786

PELLICLES AND PROCESS RELATING TO SAME

Thomas F. Banigan, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application December 18, 1935, Serial No. 55,079

10 Claims. (Cl. 91—68)

7. The process which comprises treating a non-fibrous, hollow cellulosic gel pellicle containing a pigment and being subject to shrinking by loss of water and to staining when shrunk in contact with iron, with an aqueous solution of a water-soluble nitrite of a metal taken from the class consisting of alkali and alkaline earth metals.

2,106,787

MECHANICAL MOVEMENT

George T. Bauler, Louisville, Ky.

Application February 24, 1936, Serial No. 65,283

2 Claims. (Cl. 185—39)



1. A device for converting reciprocating to rotary motion, comprising a framework, a shaft and fly-wheel mounted in the framework, counterweights on the fly-wheel, a pair of reciprocating elements swingingly mounted on the framework, and a crank-shaft connection between said elements and the rotary shaft, said crank-shaft connection including a roller mounted in a slot in the swingable elements, and vanes on said swingable elements projecting outwardly therefrom, together with means for controlling and compensating irregularities in the pendulum-like motion of said swingable elements.

2,106,788

PNEUMATIC HEEL

Emil Berman, Chicago, Ill.

Application August 14, 1936, Serial No. 95,960

3 Claims. (Cl. 36—35)



3. In a pneumatic heel, a top wall being concavo-convex and provided with reinforcements at the lower surface.

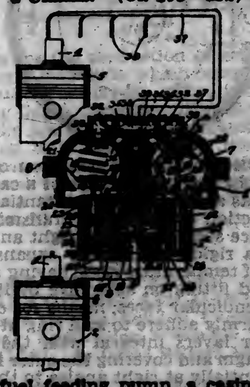
2,106,789

INJECTING MECHANISM

Arthur C. Boyd, Maywood, Ill.

Application May 26, 1934, Serial No. 727,629

3 Claims. (Cl. 103—152)



1. In a fuel feeding pump, a casing having a pair of chambers, a pumping element in each chamber, a pair of rods slidably mounted in said casing and respectively connected to said pumping elements, each chamber having a fluid inlet passage and a fluid outlet passage, valves in said passages, means operatively connecting the inlet and outlet valve of each chamber with the rod therein, and means for connecting said inlet valves for alternate movement thereof in opposite directions.

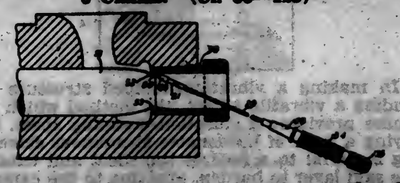
2,106,790

METHOD AND DEVICE FOR MEASURING

Rudolph S. Brescka, Cranford, and Edward J. Meagher, Newark, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

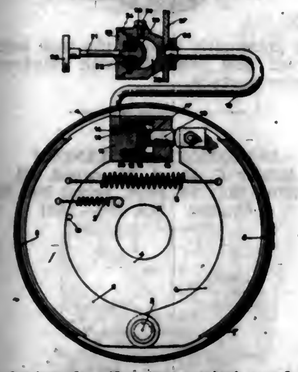
Application September 19, 1935, Serial No. 41,200

6 Claims. (Cl. 33—125)



1. A gauging device comprising a handle, means to secure a plastically deformable slug thereto, a plastically deformable slug in the securing means, and means carried by the handle actuable to exert a hammering action on the slug.

2,106,791
RESILIENT DIAPHRAGM
Louis Charles Brisson, Neuilly-sur-Seine, France, assignor to Société Anonyme: Société des Freins Hydrauliques S. de Lavaud, Paris, France
Application October 27, 1936, Serial No. 107,782
1 Claim. (Cl. 60—54.6)



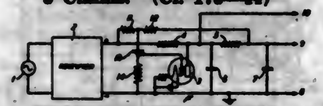
In a device for the transmission of forces, a rubber diaphragm in the shape of a cap, the edge of which has a side surface substantially parallel to the direction of the forces transmitted and a front surface substantially at right angles to this direction, a rigid ring slightly expansible under the effect of temperature rises, having an L cross-section, and fitting on said edge by its substantially perpendicular faces, means for causing the rubber to firmly adhere to said ring at said faces, thin rubber layers integral with the rubber of the diaphragm and covering the outer faces of the ring substantially at right angles to the direction of the forces transmitted, and means for applying clamping pressure to said faces.

2,106,792
METHOD OF MAKING VIBRATION-DAMPED STRUCTURE
Donald S. Bruce, Somerville, and Roy E. Berg, Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y., a corporation of New York
Application July 5, 1935, Serial No. 29,928
1 Claim. (Cl. 154—23)



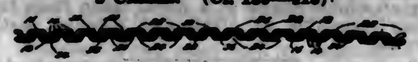
In making a vibration-damped structure including a vibratile object, the method which includes providing a vibration-damping sheet, applying a layer of hardenable bituminous cementing material to a face of the sheet and causing the said layer to harden, applying to the exposed face of the hardened layer a flowable mixture including rubber dissolved in a volatile solvent for the cementing material, to soften the said exposed face, and then adhering the product by means of the softened face to the vibratile object, the proportion of the rubber being adequate to increase substantially the viscosity of the said solvent but not substantially in excess of about two parts by weight to one hundred parts of the solvent.

2,106,793
FILTER INCLUDING SPACE DISCHARGE DEVICE
Everett T. Burton, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application December 26, 1934, Serial No. 759,172
8 Claims. (Cl. 178—44)



1. In a filtering circuit, a line having series and shunt filtering elements including a grid controlled space discharge tube whose space path impedance is effectively shunted across the line, input and output terminals for said filter, impedances connecting said grid to receive voltage variations appearing across both the input and the output terminals of said filter, said grid producing impedance changes in the space path of said tube in correspondence with said voltage variations for variably shunting current from the line to reduce the voltage fluctuations appearing across said output terminals.

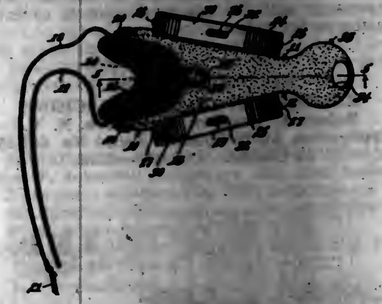
2,106,794
FABRIC
Boughton Cobb, Hewlett, N. Y., assignor to The Esmond Mills, New York, N. Y., a corporation of Massachusetts
Application April 12, 1934, Serial No. 720,261
5 Claims. (Cl. 139—413)



1. A patterned blanket fabric made of light warp threads, and two sets of relatively heavy filling threads tied in at intervals by the warp threads, woven one substantially over the other to conceal the warp threads and to form the face and reverse of said fabric with the threads of one set only appearing at a time respectively on the face and reverse of the fabric, the threads of both sets each appearing for alternate respective distances complementally to the other over and under said warp threads to form a patterned face with the threads of one set forming the ground and the threads of the other set forming the pattern and a reverse having a complemental reverse pattern with the threads of the second set forming the ground and the threads of the first set forming the pattern, each thread of one set being spun from one percentage mixture of cotton and wool fibres, said percentage mixture having certain dye receiving properties and each thread of the other set being spun from a different percentage mixture of cotton and wool fibres, said different percentage mixture having different dye receiving properties, whereby said fabric may be piece-dyed with a dye for each of said species of fibres to produce in the respective pattern and ground portions substantially standard shades of any two of a plurality of different colors.

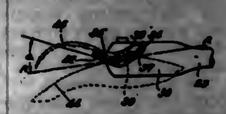
5. A fabric comprising warp threads and a plurality of sets of undyed pattern-forming filling threads, at least three of said sets of filling threads being each spun from a different percentage mixture of a plurality of different species of fibres, said plurality of species being identical for the different sets, each species of fibre having different dye receptive properties and interwoven to produce upon dyeing a plurality of successive stripes of variegated shades, whereby when said fabric is dyed with a dye suitable for dyeing one of said species of fibres, each of said sets of threads will take said dye in amounts proportionate to the amount of said species of fibres therein to produce varying shades of dye color in each respective set.

2,106,795
RESPIRATOR
Harvey S. Cover, South Bend, Ind.
Original application April 27, 1934, Serial No. 722,619. Divided and this application September 21, 1934, Serial No. 744,979
7 Claims. (Cl. 128—146)



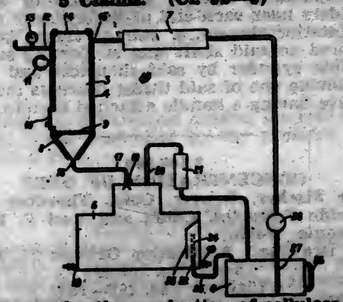
1. The combination of a respirator having a flexible face contacting margin and a cut-out for the nose, and a face contacting flexible member adapted to be applied to said respirator in the cut-out area thereof, so arranged that the bridge of the nose will move the face contacting flexible member and thereby move the flexible face contacting margin of the respirator into close contact with the usual depressions found on each side of the bridge of the nose.

2,106,796
PEELER
Ralph F. De Vault, South Pasadena, Calif.
Application March 26, 1935, Serial No. 13,025
16 Claims. (Cl. 30—239)



1. A paring device comprising a body portion embodying a length of metal bent intermediate its ends providing a handle and parallel leg members, a cutter pivotally mounted between the free end portions of the parallel leg members, said cutter embodying a pair of end members, a blade secured to the end members, a rod connecting the end members and disposed in spaced relation with the blade and providing a guide for the blade, and trunnions extending outwardly from said end members for pivotal engagement with said leg members, said trunnions being so positioned as to define an axis of rotation between the lower portions of said blade and said rod and lying substantially in the plane defined by the lower edges of said blade and said rod.

2,106,797
PRODUCTION OF CELLULOSE FROM LIGNO-CELLULOSIC MATERIALS
Henry Dreyfus, London, England
Application May 26, 1934, Serial No. 727,666
In Great Britain June 12, 1933
5 Claims. (Cl. 92—9)

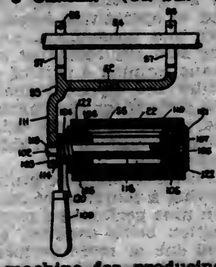


1. Process for the production of cellulose from ligno-cellulosic materials, which comprises bringing an organic true solvent composition, capable of dissolving lignin from the materials, into contact with the materials at an elevated temperature, causing it to flow through the materials whereby lignin is dissolved out of the materials by the solvent composition, and removing from the materials the solution of lignin so formed after at most 20 minutes.

2,106,798
PROCESS OF MAKING LOWER ALIPHATIC ACID ANHYDRIDES AND ALDEHYDES
Henry Dreyfus, London, England
No Drawing. Application November 1, 1935, Serial No. 47,797. In Great Britain November 24, 1934
16 Claims. (Cl. 260—123)

1. Process for the production of an anhydride and an aldehyde of the lower aliphatic series, which comprises subjecting to thermal decomposition the vapor of an alkylidene diester of a lower aliphatic acid while diluted with at least one-third of its own volume of an inert gaseous medium.

2,106,799
PACKAGE CORE HOLDER FOR YARN PACKAGING DEVICE
William J. Kivin, Cumberland, Md., and Joseph L. Killoran, Drummondville, Quebec, Canada, assignors to Celanese Corporation of America, a corporation of Delaware
Original application August 30, 1934, Serial No. 742,108. Divided and this application February 13, 1936, Serial No. 63,730
5 Claims. (Cl. 242—72)



1. In a machine for producing on a core a cross-wound package of yarn, the combination

with a stationary support forming a part of the machine and a bracket adapted to rotate on said stationary support, of means for releasably holding the package, said means including a non-rotatable shaft mounted in said bracket and supported at one end only, an expansible cylinder for expanding against the inside of a core, shoulders near each end of the cylinder and on the interior thereof, a pair of thrust bearings mounted on said shaft and supporting said expansible cylinder by said shoulders and means for moving one of said thrust bearings including a sleeve having a handle attached thereto.

2,106,900

CONCENTRATION OF ORES

Oscar Fischer, Denver, Colo., Theodore Earle, Pacific Palisades, Calif., and Earl F. Haffey, Tacoma, Wash.

No Drawing. Application October 21, 1936, Serial No. 106,900

6 Claims. (Cl. 209—167)

1. The process of concentrating oxidised ores containing silicious gangue material which comprises adding to the ore pulp a fatty acid or salt thereof to act as a collecting agent and a soluble cyanide to act as a depressing agent for silica and other gangue and subjecting the pulp to froth flotation.

2,106,901

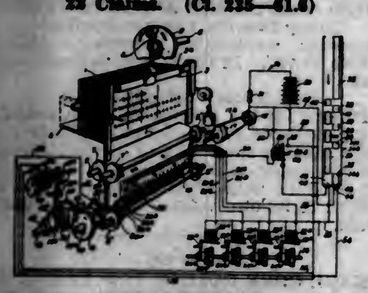
RECORD CONTROLLED MACHINE

Robert L. Houston, West Brattleboro, Vt.

Application June 16, 1928, Serial No. 286,625

Renewed November 11, 1933

22 Claims. (Cl. 235—61.6)



1. In a record controlled apparatus utilising a record card having a plurality of columns each containing a plurality of index point positions thereon of different values, the combination of means for sensing the perforations in a column, means for producing relative movement between the record card and the sensing means, an accumulator order for said column, mechanism for actuating said accumulator order, an electromagnet adapted to operatively connect said accumulator order and mechanism, an operating circuit including said electromagnet and sensing means, and means forming a part of said circuit adapted to render the electromagnet operative for one or more periods for the column and the duration of said period or periods being proportional to the value or values of said index point or points being registered.

3. A record controlled machine utilising a perforated card having a plurality of columns each having less than nine perforation positions, each perforation position being assigned a predetermined value and one or more perforation positions being adapted to be perforated in each column to express any digit comprising a single sensing member for a column of the card which sensing member cooperates with each perforation in the column, an electric circuit for the column of the card including the sensing member, the circuit being controlled by the sensing member and one or more perforations in the column; feeding means for the card, a clutch controlling the feeding means, a commutator for disengaging the feeding means clutch so that the card is arrested for predetermined intervals of time proportional to the assigned value of the perforation position when each perforation position of the column is aligned with the sensing member, means for closing and opening the circuit of the sensing member so that the circuit is closed a predetermined period of time proportional to the assigned value of the perforation position as it is aligned with the sensing member and an accumulator order controlled by the circuit for registering upon the accumulator order a value or values proportional to the duration of current which corresponds with the assigned value of each perforation in the column.

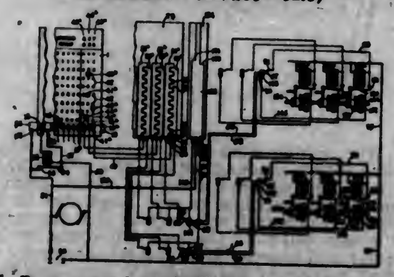
2,106,902

RECORD CONTROLLED MACHINE

Robert L. Houston, New York, N. Y.

Application April 25, 1930, Serial No. 447,351

14 Claims. (Cl. 235—61.6)



1. In a record controlled machine utilising a record card having a plurality of designation columns and each column having a plurality of sets of independent designation positions, said designation positions in each column being in columnar alignment and interspaced with respect to each other, the combination of means for sensing the independent designations in each column of the card, an accumulator order for each set of independent designation positions, and means for distributing impulses derived from the sensing means upon contact with each independent designation to a different one of said accumulator orders upon one passage of the card over the sensing means.

10. In a record controlled machine utilising a record card having a plurality of sets of independent designation positions in each column of the card, said positions in each column being in columnar alignment and the designation positions of each set being interspaced with respect to the positions of another set, comprising, in combination, a feed roller to feed the cards into the machine; an accumulator order for each set of independent designation positions; means operating each accumulator order to enter the value of a designation thereupon; and an electric circuit for each accumulator order connected with and controlling the operating means therefor, the electric circuits for each column of the card having a single sensing means for these circuits to sense each designation in that column of the card; each electric circuit including a selector for each set of independent designation positions in each column of the card; each selector including a roller rotating at the same speed as the feed roller, a metallic strip on said roller, projections extending from the strip, the number of projections equalling the number of designation positions in each set in one column of the card, means cooperating with the metallic strip and the projections to close its respective electric circuit as the sensing means passes over each designation position of its respective set of independent positions and to break the circuit as the sensing means passes over other positions; an electrical holding circuit for each accumulator order and controlling the operating means therefor to enter the value of said designation upon the accumulator order including a commutator for all of said circuits and rotating at the same speed as the selectors, a metallic strip upon the commutator for each independent set of designation positions in one column of the card and common to corresponding sets of designation positions in all columns, and means cooperating with the strips to retain the holding circuit closed for a predetermined period to enter the value of designations upon the accumulator order.

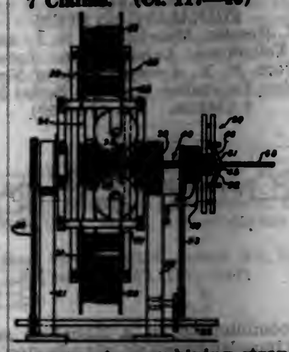
2,106,903

APPARATUS FOR HANDLING STRANDS

Fred V. Johnson, Baltimore, Md., and Roland E. Nydegger, Wilmington, Del., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application October 20, 1936, Serial No. 106,523

7 Claims. (Cl. 117—46)



1. An apparatus for combining strands which comprises a rotatable frame, a plurality of strand supplies in the frame, and a strand delivery guide mounted axially of the frame to receive the strands and deliver them from the frame, the said guide comprising an elongated hollow member to receive and pass one of the strands and having a passage therefor sufficiently narrow to prevent lateral deformation of the strand therein.

2,106,904

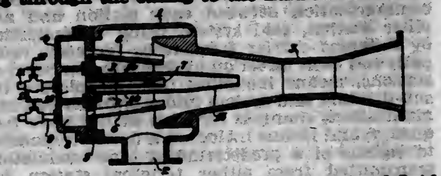
REGULATING DEVICE FOR THERMOCOMPRESSORS

John Kirgan, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey

Application March 23, 1936, Serial No. 70,213

7 Claims. (Cl. 230—103)

1. A thermo-compressor having a casing and a number of nozzles therein, means for supplying a power fluid to the nozzles, means for throttling the flow of fluid to some of said nozzles to vary the pressure of such fluid, and means within the casing for returning a part of the fluid discharging through the casing to the fluid streams issuing from the unthrottled nozzles, the rate of fluid return being controlled by the pressure of the throttled fluid.



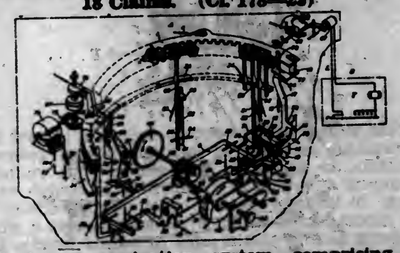
2,106,905

TELETYPEWRITER

Wilmarth Y. Lang, Tewaco, N. J., and Edward F. Watson, Larchmont, N. Y.; said Lang assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York, and said Watson assignor to American Telephone and Telegraph Company, a corporation of New York

Application September 28, 1935, Serial No. 42,554

18 Claims. (Cl. 178—23)



1. A communication system comprising in combination a first station having a teletypewriter, a second station having a teletypewriter and connected to the first station by a communication line, instrumentalities at the second station for suppressing printing and spacing of the teletypewriter at that station, and means for operating said instrumentalities.

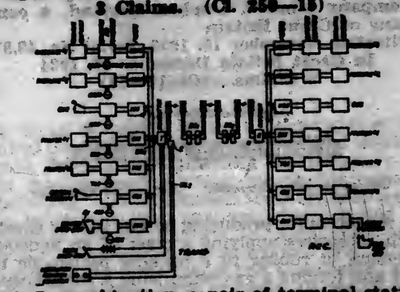
2,106,906

RELAY SYSTEM

Chester W. Latimer, West Orange, N. J., and James L. Finch, Patchogue, and Harold H. Beverage, Riverhead, N. Y., assignors to Radio Corporation of America, a corporation of Delaware

Application July 8, 1936, Serial No. 89,606

3 Claims. (Cl. 250—15)



1. In combination, a pair of terminal stations, an intermediate station, said intermediate sta-

tion comprising a receiver normally operative and a transmitter normally inoperative, means including a carrier wave system for establishing communication between each station and another station, said system being characterized by different carrier frequencies for each radio path and each direction of transmission between stations, means including tone modulators for sub-dividing said system into a plurality of communications channels for each carrier wave frequency, and means including a device responsive to signals of a predetermined tone modulation transmitted from either terminal station for starting up the transmitter at the intermediate station.

2,106,807

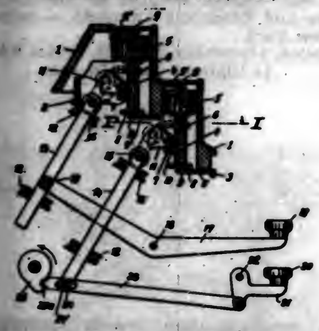
ZERO RESETTING MECHANISM FOR REGISTERS

Karl Locke and Rudolf Brunhuber, Berlin-Tempelhof, Germany

Application June 5, 1935, Serial No. 24,996

In Germany August 2, 1934

14 Claims. (Cl. 235—144)



1. The combination in a calculating machine or the like, having a counting mechanism, including a plurality of parallel rotatable shafts having indicator wheels fixed thereon, comprising clearing cams on said shafts, and clearing means rockable about an axis adjacent and substantially transverse to the axis of said shafts and adapted to engage said clearing cams to restore said indicator wheels to their initial position.

2,106,808

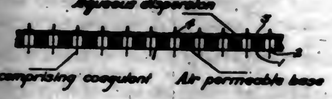
PROCESS FOR PRODUCING POROUS SHEETS OF RUBBER

Edward Arthur Murphy, Wylde Green, Birmingham, and Stanley Douglas Taylor, Sutton Coldfield, England, assignors to Dunlop Rubber Company Limited, London, England, a company of Great Britain

Application November 15, 1935, Serial No. 49,972

In Great Britain December 22, 1934

6 Claims. (Cl. 18—58)



1. A process for producing porous rubber sheets which comprises applying a layer of an aqueous dispersion of rubber to a backing permeable to gases and forcing a gas comprising a coagulating reagent in minute separated streams through said dispersion.

2,106,809

SWAGED DENTURE AND METHOD OF MAKING THE SAME

Charles H. Prange, Lyndhurst, N. J., and Erich H. Zahn, Port Washington, N. Y., assignors to Austenal Laboratories, Inc., New York, N. Y., a corporation of New York

Application December 15, 1934, Serial No. 757,654

9 Claims. (Cl. 32—2)



1. A metallic denture base comprising two nested plies of metallic denture base material coextensive in area with each other and individually swaged into conformity with the same uniquely irregular pattern, the inner ply being relatively weak but of great deformability, the outer ply being less deformable but of greater strength, whereby the denture base is of adequate rigidity and has an inner surface bearing an accurate and detailed imprint of the pattern; and a fused spacer between the plies bonding them together into a completely integrated unit, said spacer comprising metallic foil coextensive in area with said plies and consisting of a metal of the group which includes silver, gold, and alloys thereof.

2,106,810

SIGNALING SYSTEM

Ralph E. Ressler, Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application December 11, 1935, Serial No. 53,948

8 Claims. (Cl. 178—59)



1. In combination in a signaling system, a polarized impulse receiving relay having an operating winding and a holding winding, a polarized impulse repeating relay having two operating windings, a circuit including the armature of said impulse receiving relay in one of its two operated positions for energizing said holding winding in a direction to maintain the position of its armature, a circuit including the armature of said impulse receiving relay in said one of its positions for energizing one of the operating windings of said impulse repeating relay to position and hold the armature of said impulse repeating relay in one of its two operated positions, a circuit including the armature of said impulse receiving relay in the other of its two operated positions for energizing said holding winding in a direction to maintain the position of its armature, and a circuit including the armature of said impulse receiving relay in said other of its two operated positions for energizing the other of the operating windings of said impulse repeating relay to position and hold the armature of said impulse repeating relay in the other of its two operated positions.

2,106,811

PREPARATION OF ACETONE-SOLUBLE CELLULOSE ACETATE

George A. Richter, Berlin, N. H., assignor to Brown Company, Berlin, N. H., a corporation of Maine

No Drawing. Application September 16, 1936, Serial No. 100,212

6 Claims. (Cl. 260—102)

1. In a practice of transforming a solution of chloroform-soluble cellulose acetate in its acetylating mixture to acetone-soluble form by treatment of such solution with hydrolyzing reagents, that improvement which comprises adding hydrogen peroxide to such solution in the amount of about 0.2 to 0.5%, based on the dry weight of cellulose, in the course of the treatment of such solution with the hydrolyzing reagents.

2,106,812

PROCESS OF XANTHATING CELLULOSE

George A. Richter and Harold P. Vannah, Berlin, N. H., assignors to Brown Company, Berlin, N. H., a corporation of Maine

No Drawing. Application February 14, 1936, Serial No. 63,876

7 Claims. (Cl. 260—190)

1. A process of producing cellulose xanthate solution, which comprises admixing and agitating cellulose fibers with aqueous caustic soda solution in amount sufficient to yield a suspension of fibers substantially devoid of lumps or fiber aggregates in such caustic soda solution; and admixing with the resulting suspension of fibers in caustic soda solution carbon bisulphide in the presence of an emulsifying agent acting to induce at the early stage of mixing microscopically fine particle size emulsification of the carbon bisulphide in the caustic soda solution and thus to promote the xanthation of the cellulose fibers and the dissolution of the cellulose xanthate in the caustic soda solution.

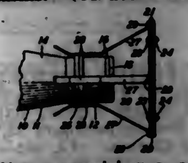
2,106,813

ACOUSTIC DEVICE

Frank F. Romanow, West Hempstead, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application June 9, 1934, Serial No. 729,759

5 Claims. (Cl. 179—187)



1. A transmitter comprising a casing having an opening therein, a diaphragm mounted in said casing and juxtaposed to said opening, an acoustic screen of uniform fabric in fixed axial alignment with and in front of said diaphragm and spaced from the wall of said casing to define an open lateral space between said screen and said casing, and means including a plurality of spacer members for supporting said screen.

2,106,814

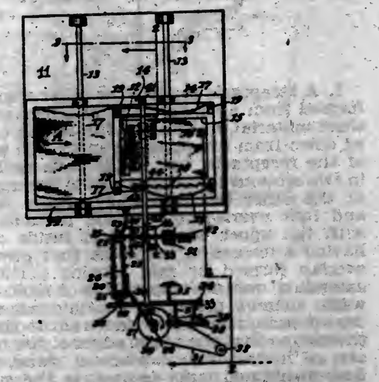
AUTOMATIC MULTIPHOTO APPARATUS

Elizabeth Ellmer, New York, N. Y.

Application January 15, 1937, Serial No. 120,669

2 Claims. (Cl. 88—16)

1. In an automatic multiple photograph apparatus, means to support a light sensitive plate medium, a lens adapted to throw the picture on a predetermined portion of said medium, means to successively move said medium in a right and left hand and in up and down directions so as to cover the major portion of said medium with a multiple of pictures, in a multiple of series both in right and left hand and in up and down directions; a movable frame carrying said medium; said means including a second frame movable in one direction, said plate carrying frame being movable within said second frame in a transverse direction to the movement of said second frame; a source of power, said means being operated by said source of power in an automatic manner; said means also including an endless chain driven by said source of power, a member to intermittently stop the movement of said chain, a second member to connect said chain to said second frame to intermittently and gradually move the same in one direction upon the intermittent movement of the chain, and an element intermittently operated by said chain and adapted to intermittently move said first plate carrying frame in a transverse direction.



2,106,815

ACOUSTIC DIAPHRAGM AND METHOD OF MAKING SAME

Marvel W. Scheldorf, Haddon Heights, N. J., assignor to Radio Corporation of America, a corporation of Delaware

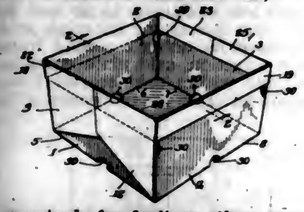
Application July 31, 1935, Serial No. 34,065

15 Claims. (Cl. 181—32)



1. In an acoustical device, a diaphragm of the conical type, translating means attached thereto, means for flexibly supporting the periphery of said diaphragm, compliant means for radially subdividing the diaphragm non-symmetrically into inner and outer sections, characterized by successive sectors varying in mechanical and acoustic characteristics continuously around the circumferential expanse of the diaphragm, said translating means being attached to one of said sections.

2,106,816
BERRY BASKET
Frank K. Shimizu and Esau Shimizu, San Jose, Calif.
Application January 13, 1937, Serial No. 120,326
7 Claims. (Cl. 229—32)



1. A receptacle for fruit or other commodities, formed from a single blank of paper or suitable sheet material, having two full length cuffs folded down from two opposite upper side wall edges of the receptacle, two inside cuffs each formed in two sections folded down from the upper edges of the other two side walls of the receptacle, and four overlapping outside portions integral with the upper edges of said inside cuffs and having a formation therewith that prevents the overlap formed by said lapping portions from extending over the upper edge of said other side walls, thereby providing abutting edges on the top of each said other side wall at the middle thereof, so that the upper edges of the receptacle are all in the same horizontal plane, with the first mentioned cuffs secured to the surface of the two side walls, and the inside cuffs secured to the inner surface of the other two side walls, serving to hold said outside portions in overlapping relation.

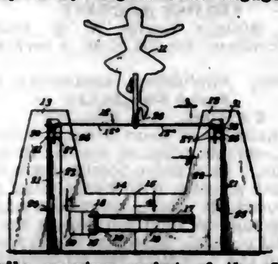
2,106,817
SEALING GASKET
Kenneth J. Soule, Ridgewood, N. J., assignor to Raybestos-Manhattan, Inc., Passaic, N. J., a corporation of New Jersey
Application April 12, 1935, Serial No. 15,970
4 Claims. (Cl. 288—1)



1. A unitary gasket element, comprising a flexible body confined within two perimetric lines, the portion of said body adjacent its outer extremity being of relatively soft sealing material and having a homogeneous transverse section, while the portion of said body adjacent its inner extremity is substantially entirely of fibrous material.

2,106,818
DISPLAY FIGURE
William J. Sweeney, Belleville, N. J.
Application April 3, 1937, Serial No. 134,822
5 Claims. (Cl. 40—126)

1. In display apparatus, a figure having a downwardly opening socket on the back of the same, spaced supports having upwardly opening sockets on the back of the same and wire pieces having upwardly angled ends engaged in said



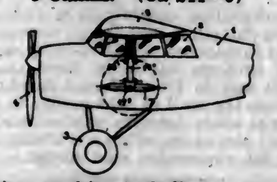
downwardly opening socket of the figure and downwardly angled ends entered in said upwardly opening sockets on the support.

2,106,819
METHOD FOR MAKING TRANSPARENT PUFFING
Frank Tavin, New York, N. Y., and Hans Haas, Freehold, N. J., assignors to Isidore Eckstein and Morris Landau, doing business as I. D. Manufacturing Co., New York, N. Y.
Application July 26, 1937, Serial No. 155,654
5 Claims. (Cl. 2—278)



1. A method of producing translucent puffing consisting of joining together two pieces of material by stitching, said stitching creating pockets to receive different colored threads by inserting a hollow needle through the material into said pockets and forcing a blast of air through said hollow needle whereby a colored thread within said hollow needle is forced into said pockets to produce a translucent, ornamental, colored, puffed fabric.

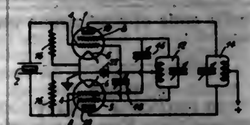
2,106,820
FLYING MACHINE
Emile Henri Thibault, Paris, France
Application March 5, 1936, Serial No. 67,188
In France February 23, 1935
5 Claims. (Cl. 244—9)



1. A flying machine including a complete airplane fuselage, at least one fixed wing, two further wings symmetrically disposed with reference to said fuselage and adapted to be applied against two parts respectively of said fixed wing so as to make with said fixed wing a supporting surface of a section analogous to a normal aerofoil section, said further wings being mounted on

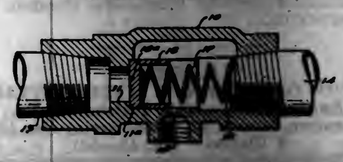
symmetrically disposed axis for free and unlimited angular movement, transverse with reference to the fuselage, means for displacing together said further wings so as to be brought in a position permitting self rotation, a fixed motor adapted to cooperate with said axis and to start said self rotation, means for braking simultaneously said further wings and means for locking said wings in the position in which they are adapted to be applied against the fixed wing.

2,106,821
PIEZOELECTRIC CRYSTAL CONTROLLED OSCILLATOR CIRCUITS
Harry Tunick, Rye, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Original application February 6, 1932, Serial No. 591,365. Patent No. 2,044,137, dated June 16, 1936. Divided and this application October 19, 1933, Serial No. 694,229. In Great Britain February 6, 1933
4 Claims. (Cl. 250—36)



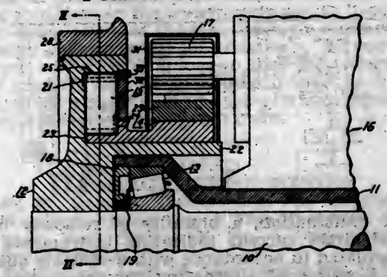
3. In an oscillation generator having a push-pull network including two multi-electrode electron discharge tubes and a piezo-electric device having at most two electrodes and circuit connections therefrom to similarly disposed electrodes in said tubes, the method of deriving oscillatory energy in a utilization circuit connected thereto, which comprises the steps of resonating said push-pull network at a natural frequency of said piezo-electric device, neutralizing the interelectrode capacitive feed-back of energy in said tubes by mutual interchange of electrostatic charges externally of said tubes, and as between unlike electrodes of said tubes, causing pulsations of electronic flow to take place contraphasally in one of said tubes with respect to the other, resonating said utilization circuit at an even harmonic of the natural frequency of said piezo-electric device, and utilizing said pulsations as the sole and entire control of the output energy in said utilization circuit.

2,106,822
FLUID SUPPLY SYSTEM
Gerald E. White, Lansing, Mich.
Application September 23, 1936, Serial No. 102,078
6 Claims. (Cl. 137—78)



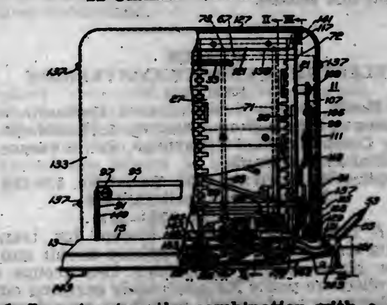
1. In combination, a valve comprising an elongated casing having an inlet opening in one end and an outlet opening in the other end of substantially the same size, the casing having a smaller auxiliary inlet opening formed in its side intermediate its opposite ends, a piston arranged within the casing to move longitudinally therein, the piston adapted to be moved to alternately close the large and small inlet openings, and a spring positioned within the casing, between the outlet end thereof and the piston to resiliently urge the piston to closed position with respect to the large inlet opening.

2,106,823
FLEXIBLE DRIVE
Frank L. Alben, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 8, 1936, Serial No. 89,572
4 Claims. (Cl. 105—131)



1. In a flexible driving mechanism, in combination, an axle, an axle housing, a roller bearing for supporting the housing on the axle, said housing having an enlarged portion for containing the bearing, a wheel center secured to the axle, said wheel center having an annular recess disposed therein and an extended portion overlapping the enlarged portion of said housing, a gear rotatably mounted on the extended portion of the wheel center, said gear having an annular flange disposed within the annular recess in the wheel center and a plurality of slots in said flange, and a plurality of flexible spring members disposed in said slots to engage the wheel center to flexibly transmit torque between the gear and the wheel center.

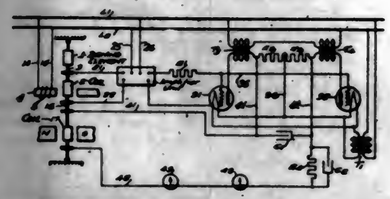
2,106,824
ELECTRIC TOASTER
George M. Bayne, Hamilton, Ontario, Canada, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 27, 1934, Serial No. 754,992
11 Claims. (Cl. 219—19)



1. In a toaster, the combination with a base, spaced end plates thereon, bread slice supports vertically movable in the end plates, a linkage pivotally mounted on the end plates and connected to the bread slice supports and a side bar operatively connected to the linkage and constituting with the linkage a carrying means for the

toaster and effective to raise toasted slices of bread resting on the supports partly above the end plates.

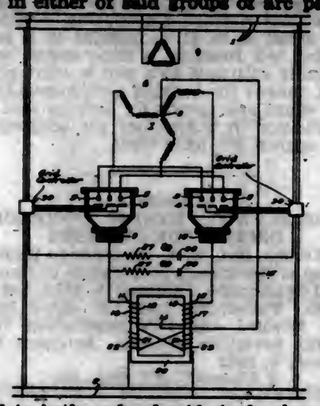
2,106,825
ELECTRONIC REMOTE METERING SYSTEM
Henry L. Bernardo, Kearny, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 5, 1934, Serial No. 705,471
1 Claim. (Cl. 177—351)



In combination, a plurality of remotely disposed direct current indicating instruments to be actuated in accordance with a variable quantity, a source of alternating current, a pair of electronic discharge devices each comprising a cathode, an anode and a control element, means for conductively interconnecting said cathodes and anodes, energizing means included in the individual anode circuits for energizing the respective anodes with opposite alternating potentials relative to their respective cathodes, impedance means included in each anode circuit between the individual energizing means and the common cathode connecting means, a line circuit for energizing the instruments comprising conductive means extending from the point in each anode circuit between the individual impedance means and the energizing means whereby the instruments are energized in accordance with the difference of the voltages across the impedances, a measuring device having an armature element responsive to said variable quantity, and translating means for applying an alternating voltage derived from said source to said control elements, said translating means including an element controlled by said armature element acting in a direction to increase the energization of said line circuit, and an element responsive to the current in said line circuit tending to reduce the current in said line circuit.

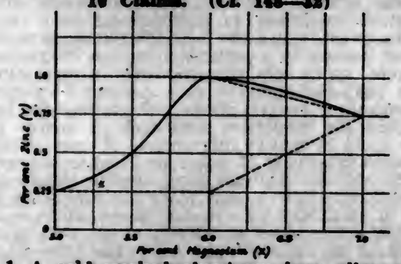
2,106,826
ELECTRIC CURRENT CONVERSION SYSTEM
Max Boesch, Berlin-Reinickendorf, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 14, 1937, Serial No. 136,896
In Germany April 15, 1936
5 Claims. (Cl. 172—281)

5. A frequency converter system for transferring energy between a polyphase circuit and a single phase circuit comprising two groups of controlled arc paths for alternately carrying current between said circuit, polyphase transformer means for connecting said core paths to the polyphase circuit, single phase transformer means for connecting said arc paths to the single phase circuit, a neutral point in each of said transformer means, a common connection to said neutral points and a harmonic by-pass across said single base transformer means whereby harmonics generated in either of said groups of arc paths are



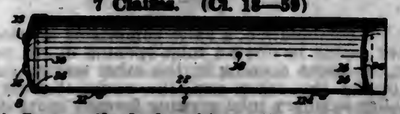
applied to both ends of said single phase transformer means.

2,106,827
ALUMINUM ALLOY
Robert H. Brown, New Kensington, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
Application May 25, 1936, Serial No. 81,599
10 Claims. (Cl. 148—32)



1. A cold worked aluminum base alloy containing from 5 to 7 per cent magnesium and a relatively small amount of zinc dependent upon the magnesium content, the proportion of zinc being between 0.25 and 1 per cent for a magnesium content of 5 to 6 per cent, and with linearly converging maximum and minimum limits of 1 to 0.75 per cent and 0.25 to 0.75 per cent zinc, respectively, with an increasing concentration of magnesium of from 6 to 7 per cent, said alloy being characterized by substantial freedom from stress cracking.

2,106,828
METHOD OF MAKING A LINED CONTAINER
Eugene L. Chappell, Pittsburgh, Pa.
Application March 11, 1935, Serial No. 10,539
7 Claims. (Cl. 18—59)



4. In a method of making a lined container or receptacle, the steps consisting in providing sections of the receptacle including an end section, applying a coating or lining of plastic protective material to said end section, assembling the lined

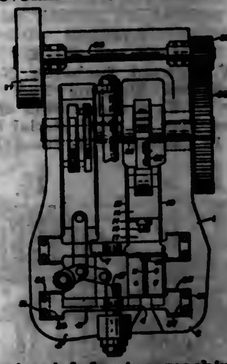
section and an unlined section, and applying said protective material centrifugally to the unlined section and forming the edge thereof against the lining of the lined end section.

2,106,829
PACKING ASSEMBLY
George Christensen, Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y., a corporation of New York
Application March 27, 1935, Serial No. 13,269
2 Claims. (Cl. 286—34)



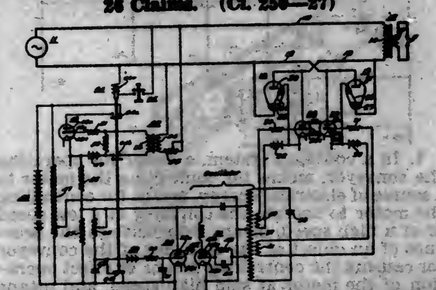
1. An assembly including a cylinder wall of regular surface, a piston in contact at its periphery with the said wall and movable within the cylinder, and an annular packing element supported by the portion of the piston adjacent to the periphery thereof and in packing contact with the inside of the cylinder wall, the said packing element including a resilient and penetrable packing composition in annular form and the portion of the piston supporting the packing being provided with teeth penetrating into and engaging the packing composition, said teeth constituting the sole positive connecting means between the packing element and piston.

2,106,830
FORGING MACHINE
William W. Criley, Cleveland, Ohio
Application February 6, 1936, Serial No. 62,641
3 Claims. (Cl. 78—13)



1. In a horizontal forging machine having a horizontal frame, one portion thereof being substantially U-shaped in upright cross section, transversely spaced lugs at the free ends of the U-shaped portion respectively and extending upwardly of the frame and terminating longitudinally of the frame short of the ends of the frame, clamping dies relatively movable laterally of the frame within the U-shaped portion and buttressed laterally thereby, a ram and cooperating die relatively movable longitudinally of the frame, whereby said U-shaped portion is stressed during operation of the ram and dies and tends to spread transversely of the frame, a longitudinal tie bar reinforcing the frame longitudinally, a transverse tie member having inwardly facing shoulders near the ends thereof, said lugs having outwardly facing shoulders in abutting relation to the inwardly facing shoulders, said transverse tie member having a hole extending longitudinally of the frame for accommodating the longitudinal tie bar, said longitudinal tie bar being offset laterally of the frame from the work engaging plane of the gripping dies, said transverse tie member being movable along the longitudinal tie bar to a position wherein the shoulders on the transverse tie member are free from the shoulders on the transversely spaced lugs, and the end portions of the transverse tie member are spaced longitudinally of the frame beyond the upper surface of the lugs so that the transverse tie member may be tilted relative to the frame to permit greater ease of access to the dies while the longitudinal tie bar is in place.

2,106,831
ELECTRIC CONTROL SYSTEM
John W. Dawson, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application April 10, 1935, Serial No. 15,730
26 Claims. (Cl. 250—27)



2. An electric system comprising, in combination, a source of low-frequency current, a load device, circuit means connecting the load device to the current source including a pair of inversely connected unidirectional conducting valves for permitting successive half cycles of the low-frequency current to flow, control means individual to each valve, and high-frequency current means for energizing said control means to render said valves conducting.

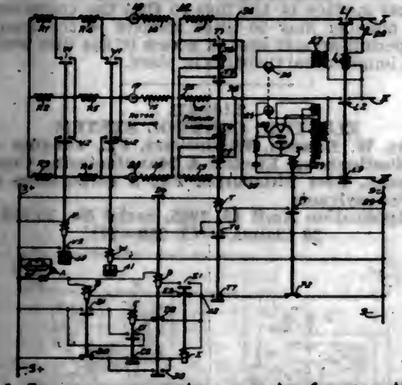
2,106,832
CENTRIFUGE
Hubert Dransfeld, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 5, 1936, Serial No. 67,253
In Germany March 9, 1935
6 Claims. (Cl. 210—71)



1. In a centrifuge, a body to be rotated, a stationary support, a resilient connection support-

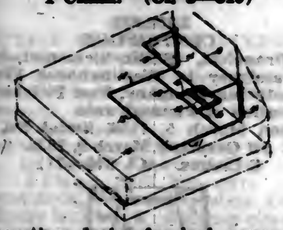
ing said body from said support, a plate also supported by said connection, a motor and a preselected counter-balance on said plate on opposite sides of said resilient connection, a thrust bearing structure for said body mounted on said plate, and means for driving said body by said motor.

2,106,823
MOVING STAIRWAY
William F. Ramsey, Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Chicago, Ill., a corporation of Illinois
Application February 6, 1936, Serial No. 62,626
13 Claims. (Cl. 198—16)



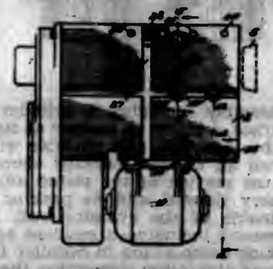
1. In a conveyor system, a motor for operating the conveyor, means for connecting the motor to a source of electrical energy, means for controlling the motor to operate the conveyor at a low speed or at a high speed, means responsive to the presence of an object at the entrance of the conveyor for causing the controlling means to effect operation of the motor at said high speed, and means responsive to movement of the conveyor for more than a predetermined distance for causing said controlling means to effect deceleration of the motor to said low speed.

2,106,824
ATTACHMENT FOR BEDS
Charles J. Ewald, Columbus, Ohio
Application September 14, 1933, Serial No. 689,397
1 Claim. (Cl. 5—319)



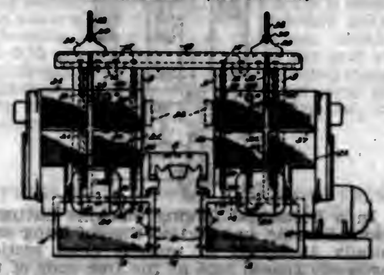
A supporting device for bed covers, said device comprising a base section and a cover-supporting section adjustably associated therewith, said base section comprising a U-shaped member horizontally and detachably disposed beneath the mattress of a bed and having its free ends merging into upwardly extending spaced vertical tubular arms, means for maintaining the arms in fixed spaced relation, said cover supporting section comprising a structure of U-shaped configuration having its spaced ends freely slidable in said tubular extending arms respectively, a member slidable in each of the tubular arms, pivot means for connecting the ends of the cover supporting section to the slidable members, said slidable members and arms cooperating to serve as stops and supports to hold the cover supporting section substantially in horizontal position.

2,106,825
TOOL HEAD FOR MILLING MACHINES
Worthy J. F. Forward, Rochester, N. Y., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y., a corporation of Delaware
Application May 28, 1937, Serial No. 145,312
6 Claims. (Cl. 90—18)



1. A self-contained tool head that is reversibly attachable to a support of a machine tool, including a box-like housing having opposite flat sides which are symmetrical and reversibly attachable to said support, a tool spindle arranged within and extending between the ends of said housing and projecting beyond one end thereof, a tool supported on said spindle beyond one end of the housing, a motor located at one edge of the housing between said flat sides, and gear connections between said motor and tool spindle.

2,106,826
MACHINE TOOL
Worthy J. F. Forward, Rochester, N. Y., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y., a corporation of Delaware
Application May 28, 1937, Serial No. 145,313
12 Claims. (Cl. 90—18)



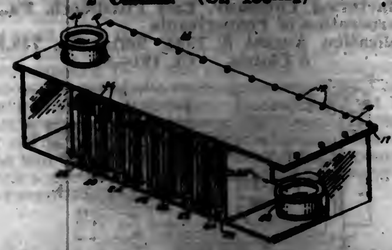
1. In a machine tool including a work table and a tool head support, a tool head removably attachable to the support and including a housing having opposite flat sides which are symmetrical and provided with intersecting keyways for cooperation with keys and keyways upon either vertical or horizontal supports, permitting the head to be reversibly attached to a vertical support or to be interposed horizontally between portions of a frame.

2,106,827
ELECTRIC SWITCH
Julius Fuchs, Cleveland, Ohio, assignor of one-half to Henry P. Hellman, Cleveland, Ohio
Application August 13, 1935, Serial No. 35,821
3 Claims. (Cl. 200—67)



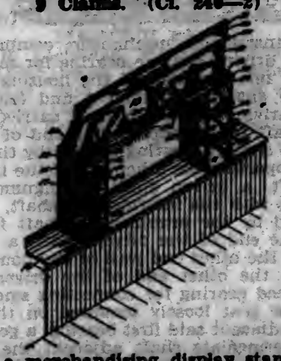
1. In a switch, an insulating chambered block containing an upper and lower chamber, a floor intermediate the aforesaid chambers, a common fulcrum extending from the upper chamber, into the lower chamber through the floor, two levers mounted at one end on the common fulcrum in the upper chamber, a pair of parallel cheeks forming jaws located at an angle relative to the fulcrum, the jaws adapted to receive and guide one of the levers mounted on the common fulcrum, a securing bolt passing through the jaws and projecting into the lower chamber, an upstanding pin centrally located in the lever adjacent the end remote from the fulcrum, an upstanding pin in the other lever adjacent the common fulcrum a helical spring mounted on the upstanding pins and adapted to exert controlling action upon the lever entering the jaws on actuation of the other lever, the last mentioned lever having an insulated end portion, the projecting portion of the fulcrum and the projecting portion of the bolt securing the jaws, providing connecting means for electric-current distributing wires in the lower chamber, and a shell cover in detachable connection with the upper chamber.

2,106,828
ELECTRICAL APPARATUS
Henry S. Gates, Sharon, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 28, 1936, Serial No. 98,102
2 Claims. (Cl. 183—4)



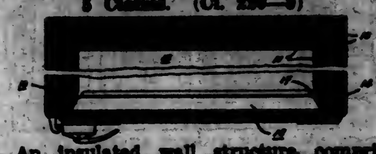
1. In an absorber for use with an electrical apparatus containing a dielectric material which will evolve chemically active gases when decomposed, a housing comprising a cover, bottom, end and side walls integrally secured together for receiving the evolved gases, an inlet into the housing, a gas-impervious diaphragm capable of being ruptured by an abnormal rise in pressure of the evolved gases in the electrical apparatus disposed in the inlet wholly within an end of the housing for admitting the gases to the housing, baffles carried in spaced relation in the housing for directing the flow of evolved gases in the housing, said baffles being alternately disposed and carried by the cover and bottom of the housing and extending across the housing between the side walls to provide a plurality of sections having openings alternately at the top and bottom of the adjacent baffles forming the sections for the ingress and egress of the gases, a tray of gas absorbing material removably disposed in each of the sections for absorbing the gases as they flow through the housing, said tray comprising a channel member frame having an opening therein for receiving the gas absorbing material and side walls of screen carried by the frame for retaining the gas absorbing material and permitting free access of the gases thereto, means for retaining the tray in spaced relation to the adjacent baffles forming the section and to the cover and bottom of the housing for providing spaces therebetween for the flow of gases, and means for permitting the gases to escape from the housing when the pressure of the gases in the housing reaches a predetermined value.

2,106,839
MERCHANDISING DISPLAY STAND
Alfred C. Gilbert, Hamden, Conn., assignor to The A. C. Gilbert Company, New Haven, Conn., a corporation of Maryland
Application June 18, 1935, Serial No. 27,169
9 Claims. (Cl. 240—2)



1. In a merchandising display stand, an upright supporting wall, means to hold merchandise at spaced locations along the front surface of said wall comprising shelves of opaque material extending forwardly from said wall, one of said shelves separating the said locations, a source of light positioned at the front edge of the last said shelf and disposed to illuminate merchandise displayed on the last said shelf together with merchandise displayed therebelow, and a light shade disposed to be flush with the front edge of the shelf and shaped to extend partially around said source of light.

2,106,840
REFRIGERATING APPARATUS
Richard E. Gould, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application October 26, 1935, Serial No. 46,918
5 Claims. (Cl. 220—9)



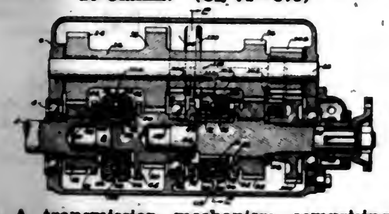
1. An insulated wall structure comprising, spaced apart sheet metal members having an

expanded rubber insulation therebetween, each of said sheet metal members having an aperture therein registering with one another to provide an opening in said structure, and said insulation having a hard impervious crust bonded to said members and extending from the edge of the aperture in one of said members to the edge of the aperture in the other of said members to form the walls of said opening and to seal the space between the metal members.

2,106,841
MOTOR VEHICLE

Walter R. Griswold, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan

Application March 6, 1935, Serial No. 9,616
10 Claims. (Cl. 74—375)

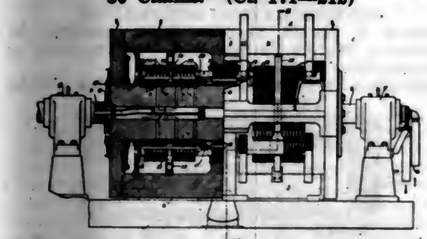


1. A transmission mechanism comprising a housing, a driving shaft, a bearing for said shaft carried by one end wall of the housing, an intermediate shaft in alignment and telescoping with the driving shaft, a bearing carried by the driving shaft for supporting one end of the intermediate shaft, a bearing carried by the housing for supporting the other end of the intermediate shaft, a driven shaft in alignment and telescoping with the intermediate shaft, a bearing carried by the intermediate shaft for supporting one end of the driven shaft, a bearing carried by the other end wall of the housing for supporting the other end of the driven shaft, change speed gearing for connecting said shafts including a gear loosely mounted on the driving shaft adjacent said first bearing, a gear fixed to the intermediate shaft adjacent the second intermediate shaft bearing, a gear loosely mounted on the driven shaft, gears arranged to mesh respectively with said above mentioned gears and means for controlling the gear connections between the shafts.

2,106,842
CURRENT-COLLECTION APPARATUS

Floyd T. Hague, Pittsburgh, and Frederick R. Davis, Irwin, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application December 17, 1935, Serial No. 54,898
30 Claims. (Cl. 171—212)

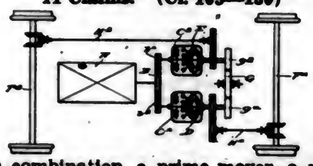


30. Current-collection apparatus particularly adapted for heavy-duty unipolar generators of low voltage and high current-capacity, comprising a rotating, solid collector-cylinder, a stator part having a plurality of axially extending arms spaced around the collector-cylinder, brushholders disposed between successive pairs of said arms and supported thereby, brushes so supported by said brushholders as to bear substantially radially on said collector-cylinder, axially extending air-distributor members mounted under the several axially extending arms and each having a plurality of nozzles directed toward the collector surface, and separable segmental air-ducts surrounding said axially extending arms and separably connected to said air-distributor members for supplying air thereto.

2,106,843
POWER TRANSMISSION GEAR FOR RAIL VEHICLES

Wilhelm Hahn, Heidenheim-on-the-Brenz, Germany

Application February 15, 1936, Serial No. 64,165
In Germany February 16, 1935
11 Claims. (Cl. 105—130)

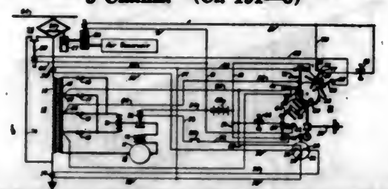


1. In combination, a prime mover, a plurality of driven axles, a plurality of hydraulic power transmitters separately connected to said prime mover and arranged to be alternately engageable selectively for power transmission, a positive drive mechanism arranged to connect a selected transmitter with one of said axles, and a yielding drive mechanism having a slip coupling with relatively slipping elements arranged to yieldingly connect the selected transmitter with another of said axles.

2,106,844
RAILWAY CONTROL SYSTEM

Edwin L. Harder and Lloyd J. Hibbard, Forest Hills, and William R. Taliaferro, Pittsburgh, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application August 8, 1934, Serial No. 738,978
5 Claims. (Cl. 191—8)

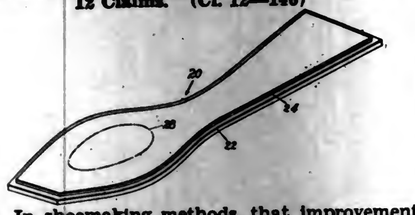


1. In a protective relay system, in combination, electrical apparatus, a pantograph collector for connecting said apparatus to a power conductor, means for grounding the pantograph, means for lowering the pantograph to disconnect the apparatus from the power conductor, relay means responsive to abnormal current conditions in said apparatus for causing the operation of said grounding means and said pantograph lowering means in sequential relation, and contact members associated with said relay and disposed to energize the operating element of the relay to automatically reset the relay under predetermined conditions.

2,106,845
MANUFACTURE OF SHOE BOTTOM UNITS

Raymond E. Hopkins, Weymouth, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application May 1, 1936, Serial No. 77,373
12 Claims. (Cl. 12—146)



1. In shoemaking methods, that improvement which consists in securing two layers of material together by means of adhesive to form a laminated sole blank, making a preliminary cut extending through one of said layers near the toe end of the blank thereby initiating the division of said blank by a rearwardly progressing splitting operation into an insole having an opening in its forepart and an outsole having a forepart projection complemental to said opening, and thereafter making a second cut complementing said first cut and completing said division of said blank.

2,106,846
FOOTBALL CARD GAME

Sidney Katz, Boston, Mass.

Application December 24, 1935, Serial No. 56,098
3 Claims. (Cl. 273—152)



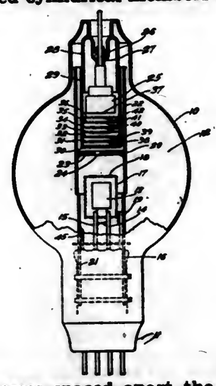
1. A football game apparatus comprising a deck of cards including a series of movement cards, certain of said cards having a numeral in each corner, a movement indication at each end between each pair of numerals, with the movement indication on one end of each card contradistinguished from the movement indication on the other end of the card, and each of said cards having a play indication on each edge at diametrically opposed corners, and a series of penalty cards provided with characters indicative of the ball carrier at each corner and also provided with a penalty indication adjacent each end and between said characters.

2,106,847
ELECTRIC DISCHARGE APPARATUS

Heinrich Kniepkamp, Berlin-Pankow, Germany, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany

Application February 20, 1936, Serial No. 64,873
In Germany March 4, 1935
6 Claims. (Cl. 250—27.5)

1. An electric discharge device comprising a container, a gaseous medium therein, a press at one portion of said container, a press at another portion of said container, an anode structure sealed through said first press, a cathode structure sealed through said second press, and separate grid structures supported on each press including nested cylindrical members supported on



different presses spaced apart the order of the mean free path of an electron of the gaseous medium.

2,106,848
REMOVABLE OVEN VENT GRILLE FOR ELECTRIC RANGES

Edwin H. Lockwood, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania

Application February 27, 1936, Serial No. 66,018
1 Claim. (Cl. 126—21)



An openwork disc constituting a duct outlet for insertion in a back splasher, said disc being dome shaped and having an inwardly extending flange at its edge, and spring fingers extending from the inner edge of said flange into said duct and frictionally engaging the walls thereof to hold the disk in the mouth of said duct at the back splasher.

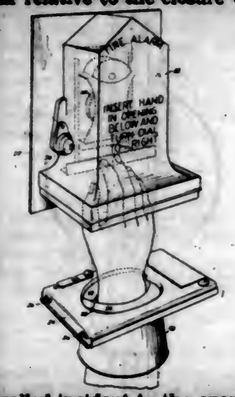
2,106,849
FIRE ALARM BOX

Robert B. Long, Dayton, Ohio

Application October 2, 1935, Serial No. 43,214
6 Claims. (Cl. 177—379)

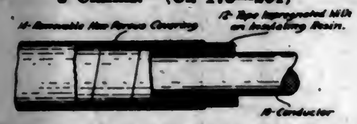
1. A device for identifying the operator of a fire alarm transmitting device including a combination with means for operating the signal transmitting device, said means including manually operable split knob portions having an annular peripheral groove intermediate said portions and diametrically arranged stationary members extending into said groove, said stationary members obstructing a portion of the periphery of the knob while leaving the remainder of the knob unobstructed, an enclosure for the signal transmitting device having an opening, a contractible handcuff detachably mounted contiguous to said opening through which the operator's hand may be inserted to operate said knob, means

for actuating and locking the handcuff in contracted position, means for releasably supporting the handcuff relative to the closure opening and



means controlled incident to the operating of the transmitting device for releasing the handcuff and effecting through said actuating means contraction thereof upon the arm of the operator.

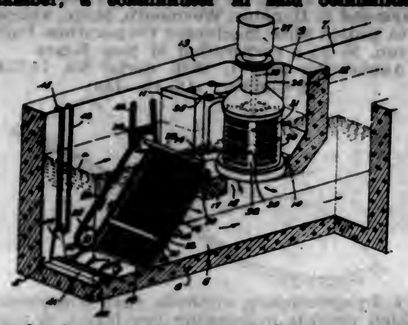
2,106,250
METHOD OF INSULATING CONDUCTORS
Leon McCulloch, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application June 1, 1935, Serial No. 24,581
3 Claims. (Cl. 173—264)



1. In the method of insulating conductors, in combination, impregnating tape with an insulating solution of polystyrol in monostyrol, winding the conductors to be insulated with the impregnated tape, covering the wound conductor with a pliable non-porous sheet material to protect it, immersing the covered conductor in hot resin and applying pressure thereto to harden the insulating solution, removing the conductor from the hot resin when the insulating solution is hardened, and removing the non-porous sheet material from the insulated conductor.

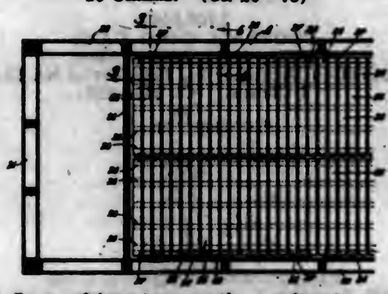
2,106,251
COMBINED STRAINING AND COMMINUTING APPARATUS
Carl H. Nordell, Chicago, Ill., assignor to Chicago Pump Company, Chicago, Ill., a corporation of Illinois
Application July 2, 1936, Serial No. 88,570
10 Claims. (Cl. 210—152)

9. The combination of a screen chamber having side and bottom walls, a comminuter chamber therein having an end wall and a bottom wall extending between the side walls of the screen chamber, the bottom of the screen chamber being in part located below the bottom wall of the comminuter chamber and said comminuter chamber having an inlet, opening thereto, from the screen chamber, and a discharge opening, leading to the screen chamber, a grid screen extending between the bottom of the screen chamber to the bottom of the comminuter chamber, a comminuter in said comminuter



chamber having a strainer wall above and around said discharge opening, and scraping means for ridding the grid screen of solids and semi-solids.

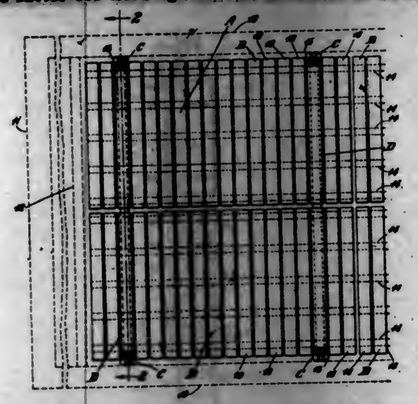
2,106,252
FLOOR RACK
Roland J. Olander, Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application July 10, 1936, Serial No. 90,617
16 Claims. (Cl. 20—78)



1. In a refrigerator car, the combination with a removable floor rack; of hinge means pivotally supporting said rack including cooperating pivotally connected pairs of hinge members, one of said members of said hinge means being fixed to the rack; and means for detachably securing the other of said hinge members to the car including a fixed anchoring member on the car and a cooperating fixed anchoring member on said last named hinge member, having shouldered engagement with said first named anchoring member and being slidable into and out of shouldered engagement with said first named anchoring member.

2,106,253
FLOOR RACK FOR REFRIGERATOR CARS
Roland J. Olander, Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application July 11, 1936, Serial No. 90,119
14 Claims. (Cl. 20—78)

1. In a refrigerator car having spaced opposed walls and a floor, the combination with a longitudinally divided, sectional floor rack covering said floor, said floor rack fitting between said walls; of means for pivotally supporting said sections for swinging movement at said walls; removable spreading means extending transversely of said sectional rack and interposed between said pivot means in shouldered engagement with the latter for holding said sections against rela-



tive movement toward each other in a transverse direction.

2,106,254
APPLICATOR GRID FOR CEMENTING MACHINES
Frank H. Paquin, Groveland, Mass.
Application December 14, 1936, Serial No. 115,886
3 Claims. (Cl. 91—67)



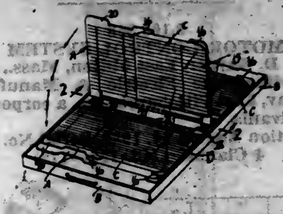
8. Apparatus for applying cement comprising a reticulated body having a multiplicity of curviform crests of the body between the reticular openings thereof, said crests being spaced little distances apart in directions both along and across the body.

2,106,255
SPACE-CURRENT DEVICE
Noah C. Fearey, Park Ridge, Ill., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Original application February 26, 1934, Serial No. 712,023. Divided and this application July 17, 1937, Serial No. 153,411
4 Claims. (Cl. 250—27.5)



1. A luminous electrical discharge tube enclosing a gaseous atmosphere of such a pressure that gas ions carry a substantial part of the current, and comprising an anode and a thermionic cathode comprising a heating element and a refractory insulating member in good thermal relation therewith, said insulating member having a coating comprising a sintered mixture of metal particles and thermionically active particles.

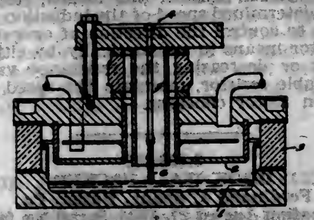
2,106,256
RECORD KEEPING DEVICE
Bernard E. Rosene, Evanston, Ill.
Application February 8, 1934, Serial No. 710,488
20 Claims. (Cl. 129—16)



2. In a record keeping device, the combination with a substantially rectangular holder mounted at one edge on a base of support for pivotal movements in respect thereto, of a record sheet folded over the free edge of the holder to afford a pair of leaves overlying opposite sides of the holder, and means detachably anchoring the folded portion of the sheet to the free edge portion of the holder, the said opposite leaves of the folded sheet being free except at the fold and terminating with their free edges in relatively close proximity to but not beyond the axis of the pivoted edge of the holder.

9. In a record keeping device, the combination with a record carrying card, of laterally spaced apertures adjacent one edge of the card, a resilient wire-like element formed near opposite ends with laterally offset U-shaped loops spaced equal to that of the apertures in the card and normally embracing opposite sides of the card adjacent the apertures, said loops being offset approximately at right angles to the intermediate portion of the wire-like element and the free ends of said loops extending at approximately that angle to a point normally beyond the edge of the card and terminating in aligned outturned trunnions that are insertable through the card apertures by bowing the intermediate portion of the wire-like element.

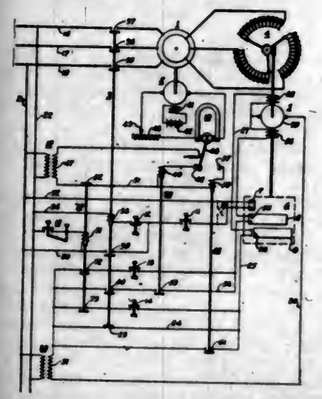
2,106,257
VAPOR ELECTRIC DEVICE
Joseph Slepian, Pittsburgh, and Leon R. Ludwig, Forest Hills, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 26, 1935, Serial No. 33,292
6 Claims. (Cl. 250—27.5)



1. An electric valve comprising a mercury cathode, an anode closely spaced from and directly exposed to said cathode, said anode serving as a condenser for the vapor emitted from said cathode, said anode-condenser during normal operation of said valve being subject to periods of inverse potential and means for maintaining the negative reluctance during said periods, said means including a quantity of carbon monoxide at a pressure of several microns in said valve, a

make-alive electrode in said valve, at least a portion of said make-alive electrode consisting of a material which will evolve carbon monoxide on the passage of current therethrough.

2,106,858
MOTOR CONTROL SYSTEM
Frederick D. Snyder, East Milton, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application August 14, 1936, Serial No. 95,966
4 Claims. (Cl. 172—179)



4. In a system of control for a wound rotor induction motor, in combination, an induction motor having a primary winding and a secondary winding, a source of alternating current, switching means for connecting the primary winding to and disconnecting the primary winding from the source of alternating current, a variable resistor connected in circuit relation with the secondary winding, motor means adapted to vary the resistance value of said variable resistor, means adapted to energize said motor means when the primary is disconnected from the source of alternating current to increase the resistance value of the variable resistor to a maximum, means adapted to energize said motor means with the interconnection of the primary winding with the source of alternating current to automatically decrease the resistance value of the variable resistor, and means, responsive to a predetermined speed of the induction motor, adapted to control the direction of operation of said motor means to automatically, by either increasing or decreasing the resistance value of the variable resistor, maintain the speed of the induction motor constant.

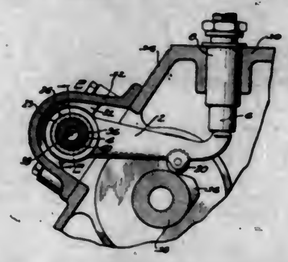
2,106,859
HOOK WALL PACKER
Ferdinand J. Spang, Butler, Pa.
Application August 27, 1936, Serial No. 98,159
7 Claims. (Cl. 166—12)

1. A packer comprising a tubular body, an expansible element carried by said body, a member having a conical surface carried by said body and engaging said element, a ring member slidable on said body, a slotted hook depending from said ring, a relatively heavy outwardly bowed spring secured at one end to said hook below the slot therein and having the other end engaging said ring, a series of slips carried by said ring, and relatively light outwardly bowed springs secured to said ring having one end engaging said



slips for holding the same against said conical surface.

2,106,860
BEARING
Milton Tibbetts, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application February 20, 1935, Serial No. 7,311
14 Claims. (Cl. 308—240)



1. A bearing construction comprising members arranged for relative rotation and having spaced bearing surfaces and floating bearing means interposed between said members and provided with a series of relatively fixed separated contact portions each having substantially a line contact with the bearing surface of one of said members and a series of relatively fixed separated contact portions each having substantially a line contact with the bearing surface of the other of said members.

2,106,861
DRINK MIXER
Harold Tofte, Syracuse, N. Y., assignor to T. N. Benedict Manufacturing Company, East Syracuse, N. Y., a corporation of New York
Application December 26, 1935, Serial No. 56,199
10 Claims. (Cl. 259—106)

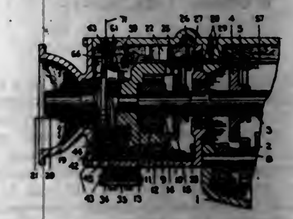
1. In a drink mixer, the combination of a suitable standard, upper and lower supports movable along the standard, a motor carried by the upper support and having a stirrer depending from its rotor, a cup holder mounted on the lower support and motion transmitting and reversing mecha-

nism between the supports including opposing racks carried respectively by the supports and a



reversing gear means supported by the standard between the racks and meshing with the racks.

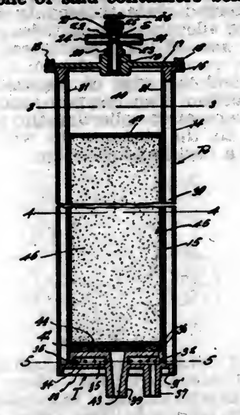
2,106,862
CONTROL SYSTEM FOR TRANSMISSIONS
Phillip R. Wheeler, Alexandria, Va.
Application July 22, 1932, Serial No. 624,112
22 Claims. (Cl. 192—4)



1. In a no-back device, a portion of a driving shaft, a circular clamp ring fitting around the said shaft, a lever having two lines of connection with the said clamp ring near one end of said lever, means releasably engaging the end of the lever, means operably associated with a transmission having forward and reverse speeds to cause the release of the said lever end when a shift is made to reverse, and a means operable to cause the lever end to be re-engaged when a shift is made to low.

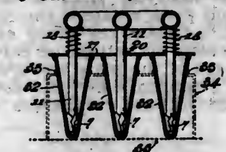
2,106,863
DECOLORIZING SYSTEM FOR PURIFICATION OF LUBRICATING OIL IN INTERNAL COMBUSTION ENGINES
Ralph D. Whitney, New York, N. Y.
Application April 26, 1933, Serial No. 668,139
3 Claims. (Cl. 210—131)

1. An oil decolorizing device comprising a pair of oil containers having substantially imperforate side walls one of said containers having a portion thereof disposed within the other container, at least one wall of the said portion of the said one container being arranged in spaced relation to at least one wall of the said other container thereby defining a heat exchange chamber, one of said containers being formed with passage means communicating with said heat exchange chamber, each of said containers being formed with outlet means, and one of said containers being formed



with inlet means, and means for preventing flow of oil from one of said outlet means to the other.

2,106,864
LABEL PLACING APPARATUS AND METHOD
James Balton, Baltimore, Md., assignor of one-fourth to Joseph Shapiro, Baltimore, Md., one-fourth to Isaac Shapiro, Chicago, Ill., one-fourth to Nathan Shapiro, and one-fourth to Samuel Shapiro, both of Chelsea, Mass.
Application June 2, 1936, Serial No. 83,155
9 Claims. (Cl. 216—12)



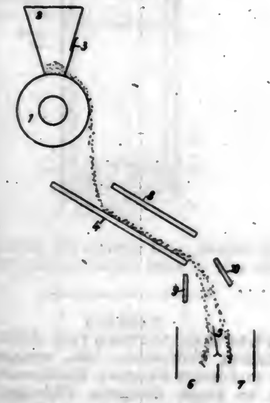
3. In apparatus for labeling cup pastry, a tube, means temporarily to establish a negative air pressure in the tube to hold a label to the end of the tube, a label folder into which the label and tube are insertable and having means to fold the label around the end of the tube into a cup-like form.

8. The method of placing a label in the tip of an ice cream cone which consists in taking a flat polygonal label and forming it into a cup shape by folding it around the end of a rod-like member and causing it to adhere to said rod-like member and then inserting the label closed-end down into a cone and then releasing the label from said rod-like member.

2,106,865
METHOD AND APPARATUS FOR ELECTROSTATIC SEPARATION
Theodor Bantz, Frankfort-on-the-Main-Praunheim, Georg Grave, Frankfort-on-the-Main-Heddernheim, and Erich Oppen, Hanover-Kirchrode, Germany, assignors to American Lurgi Corporation, New York, N. Y., a corporation of New York
Application March 1, 1935, Serial No. 8,934
In Germany January 31, 1935
4 Claims. (Cl. 209—127)

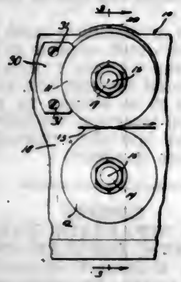
1. Process for the electrostatic separation of mixtures of finely divided conductive and non-

conductive particles which comprises dropping the same from a height onto an inclined, conductive, uncharged plate thereby breaking up agglomerates, allowing said particles to slide along said plate and off the edge thereof whereby the conductive particles are thrown a greater distance beyond the edge of the plate in a horizontal direction than the non-conductive particles, and separately collecting the particles with reference to the distance to which they are thrown in a horizontal direction.



3. Apparatus for the electrostatic separation of finely divided material comprising an inclined conductive uncharged plate, means for showering the material from a considerable height onto said plate adjacent the higher edge thereof, means adjacent the lower edge of the plate for separately collecting the particles falling over the edge of the plate and a second uncharged plate arranged above and substantially parallel to said inclined conductive uncharged plate.

2,106,866
METALWORKING MACHINE
Frank A. Best, East Windsor, Ontario, Canada
Application October 15, 1934, Serial No. 748,415
15 Claims. (Cl. 153—54)



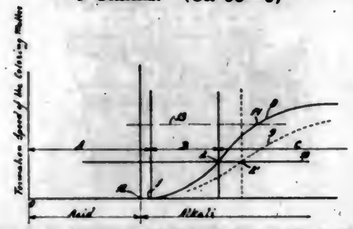
10. In a rolling machine, a frame, an eccentric journaled in said frame, a second eccentric journaled in the first eccentric, the throw of said eccentrics being substantially the same, a shaft journaled in the second eccentric, a second shaft journaled in said frame in substantially parallel relation to the first shaft and having a fixed axis, and opposed forming rolls carried by said shafts.

2,106,867
LAMINATED MATERIAL
Charles V. Brady, Webster Groves, Mo., assignor to Bemis Bro. Bag Co., St. Louis, Mo., a corporation of Missouri
Application April 22, 1935, Serial No. 17,584
1 Claim. (Cl. 154—50)



A laminated material comprising a layer of fabric having a relatively loose weave, a layer of paper adhered to said fabric, and a relatively thin film of chlorinated rubber material adhered to the other surface of the paper, said fabric supplying strength to the laminated material, while the paper buttresses the reticulations of the fabric against diagonal stretching, and the said chlorinated rubber material being capable of yielding to an extent sufficient to adhere to the paper even when the paper is stretched in buttressing the fabric as aforesaid, thereby to maintain the laminated material liquid-proof even while in use.

2,106,868
METHOD OF OBTAINING PHOTOGRAPHIC CONTRASTS
Jan Hendrik de Boer and Klaas Hinderikus Klaassens, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application December 19, 1934, Serial No. 758,232
In Germany December 27, 1933
6 Claims. (Cl. 95—6)



1. In the method of producing photographic contrasts by selectively exposing to actinic light a layer sensitized with a naphthalene diazonium compound and forming coloring matter by the union of the diazonium compound and its light-decomposition product, the step of imparting to said layer prior to exposure a pH value lying within a range having an upper limit corresponding to the point at which there will be substantially no formation of coloring matter during the exposure and a lower limit greater than 7 and corresponding to the point at which the color formation subsequent to the exposure can be obtained solely by the influence of water and without the addition and removal of any chemical substance.

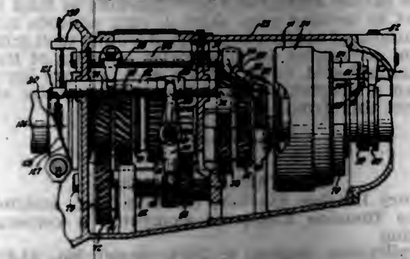
2,106,869
DRIER FOR GRANULAR AND LIKE MATERIALS
Engelbert Falkenstein, Duesseldorf-Gerresheim, and Emil Bartholmess, Duesseldorf-Oberkassel, Germany
Application May 21, 1937, Serial No. 144,034
In Germany January 13, 1936
8 Claims. (Cl. 34—34)

1. Method of drying granular and like material which comprises the step of injecting the material substantially vertically upwards into a counter-current of drying gas so that the material



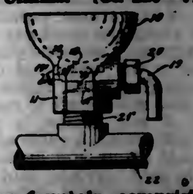
first travels upwards under its own momentum counter to the gas current and then falls, travelling with the gas current.

2,106,870
TRANSMISSION
Carl W. Fleas, Detroit, Mich.
Application July 17, 1933, Serial No. 680,866
17 Claims. (Cl. 74—336)



1. In a variable speed transmission mechanism, the combination with a driven member and a member rotatable relative thereto, of reduction gearing between the two members, a friction clutch also between said members for directly connecting the same, means responsive to the speed of and the load on the driven member for actuating said clutch, means permitting the driven member to overrun said reduction gearing when the same is rotating at the angular speed of the other member through the action of said clutch, and means acting directly on said clutch actuating means for varying the speed at which said clutch actuating means operates to directly connect the driven member to the other of said members.

2,106,871
POULTRY FOUNTAIN
Herbert A. Hegnett, Pomona, Calif.
Application April 5, 1937, Serial No. 135,147
8 Claims. (Cl. 119—74)



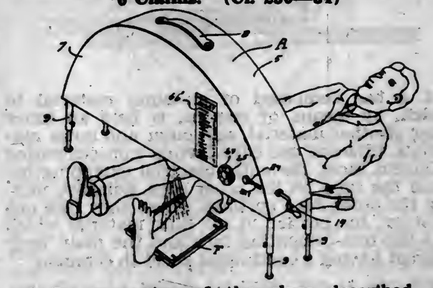
1. A poultry fountain comprising a bowl, a water inlet, a needle valve cooperative with the inlet for regulating the flow, said inlet opening upwardly towards the inner surface of the bowl and the axis thereof being in angular relation to a plane passing through the vertical axis of the bowl.

2,106,872
CIRCULAR KNITTING MACHINE
Henry Harold Holmes, Leicester, England, assignor, by mesne assignments, to H. Brinton Co., Philadelphia, Pa., a corporation of Pennsylvania
Application February 28, 1928, Serial No. 257,620
In Great Britain April 1, 1927
8 Claims. (Cl. 66—24)



1. For a circular knitting machine, the combination of a needle-cylinder, needles therein, a needle-dial, needles of standard type in said dial, loop-transfer points each associated with a dial needle and slidable in said dial alongside and independently of its needle in a path substantially parallel with that of the needle, a cam to move the transfer points to engage loops on the dial needles, a dial needle clearing cam to clear loops on the dial needles, a withdrawal cam for the dial needles to move them to yield their cleared loops to the transfer points, and a cam to raise the cylinder needles to receive loops from the transfer points.

2,106,873
PORTABLE SELF-CONTAINED X-RAY APPARATUS
Hamilton L. J. Marshall, Troy, Ala., assignor to Osteograf Co., Inc., Troy, Ala., a corporation of Alabama
Application September 16, 1935, Serial No. 40,843
6 Claims. (Cl. 250—34)

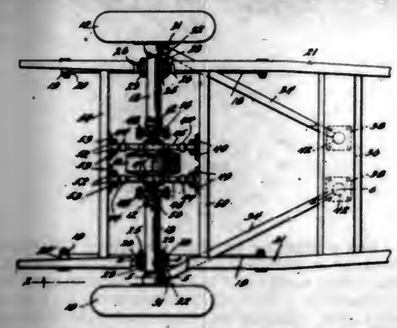


1. In apparatus of the class described, an X-ray tube, a high voltage generator and a low voltage generator for energizing the tube, a spring motor, drive means between the spring motor and the generators, stop means normally holding the spring motor against operation, starting means for releasing the stop means, electrically released holding means for retaining the stop means released, and timing control means for the holding means for controlling the duration of spring motor operation.

2,106,874
MOTOR VEHICLE
Clyde R. Paton, Birmingham, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application November 21, 1934, Serial No. 754,147
12 Claims. (Cl. 180—73)

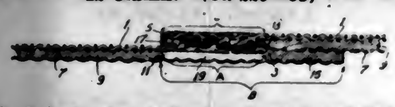
1. In a motor vehicle, the combination with a

vehicle frame, of driving road wheels disposed at opposite sides of said frame, and means yieldingly supporting said road wheels for independent rising and falling movement with respect to the frame, said means comprising a differential gear housing disposed generally centrally of the frame and having gearing therein, at least one longitudinally extending leaf spring assembly acting be-



tween said frame and said housing to yieldingly support the latter, driving axles carrying said road wheels, said axles extending laterally of said differential housing and having universal joint connections with the gearing therein, and longitudinally extending leaf spring assemblies supporting said axles on said frame adjacent each road wheel.

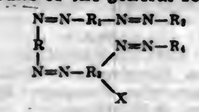
2,106,875
SEAMED BAG
William Wallace Rowe, Cincinnati, Ohio, assignor, by mesne assignments, to Bemis Bro. Bag Co., St. Louis, Mo., a corporation of Missouri
Application July 19, 1935, Serial No. 32,159
12 Claims. (Cl. 229—55)



1. A bag composed of an outer material to which, by means of cement, is held an inner liner of other material, said outer and inner materials adjacent one edge having non-cementing adjacent faces, the outer material extending beyond the liner on the other edge, adhesive joining the outer edge portions where they face one another, the portion of the liner material which has the non-cementing face and the main body thereof having a continuous sheet in common.

2,106,876
AZO DYESTUFFS
Friedrich Schubert, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application March 30, 1936, Serial No. 71,797. In Germany April 4, 1935
9 Claims. (Cl. 260—76)

1. Azodyestuffs of the general formula:

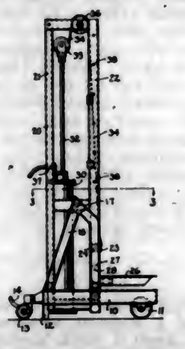


wherein X is a member of the group consisting of hydrogen and N=N—R_5, and R stands for a radical selected from the group consisting of the benzene series and the 1,1'-diphenyl series, bearing the azo groups in the 4,4'-positions, R_1 stands for a radical of a naphtholsulfonic acid capable of coupling twice, R_3, R_4 and R_5 stand for aromatic radicals, R_2 stands for a radical of a 1,3-dihydroxy compound of the benzene series, yielding on leather in general brown to blackish brown shades of good fastness properties.

2,106,877
PROCESS OF PRODUCING ALCOHOLS FROM ALKYL SULPHURIC ACIDS
William H. Shiffler and Melvin M. Heim, Berkeley, and Marvin F. Miller, Albany, Calif., assignors to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware
No Drawing. Application August 22, 1930, Serial No. 477,146
9 Claims. (Cl. 260—156)

9. The process of producing tertiary amyl (pentyl) alcohol from an acid aqueous solution containing the reaction products of olefines of five carbon atoms, and corresponding at least in part to tertiary amyl alcohol, with aqueous sulphuric acid which comprises subjecting such solution, containing an appreciable quantity of free sulphuric acid, to distillation at a pressure lower than atmospheric to hydrolyze and vaporize alcohol therefrom.

2,106,878
PORTABLE ELEVATOR
Henry Lutcher Sinclair, Houston, Tex., assignor to Houston Compress Company, a corporation
Application August 6, 1935, Serial No. 34,862
1 Claim. (Cl. 187—9)



A portable hoist including a frame, a trackway longitudinally of said frame, a platform adapted for movement along the trackway, a motor unit comprising a vertically movable plunger in a cylinder mounted in the lower end of said frame, a sheave attached to said motor unit, means for actuating said motor unit to move the sheave longitudinally of said frame, a pulley in the upper end of said frame, a cable attached to the upper end of said frame and having its opposite end attached to said carriage, said cable passing from the carriage over said pulley and through said sheave, and adjustable stop means on said trackway to limit the upward movement of said carriage, whereby the position of said carriage will not be altered by removal of the load therefrom.

2,106,879
CERAMIC GLAZING COMPOSITION
Edward R. Stowell, Fort Wayne, Ind., assignor of one-half to Worthington Heyt, Cleveland Heights, Ohio
No Drawing. Application June 19, 1936, Serial No. 86,024
5 Claims. (Cl. 106—38.3)

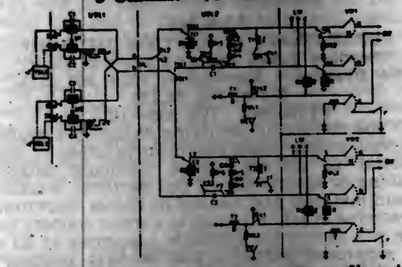
1. A process of making a "slip" for glazing ceramics, comprising bringing together a major portion of finely divided silicon carbide with a small proportion of finely divided silica and a small proportion of a sodium silicate compound of relatively low viscosity and water, allowing the silica to react with the silicate and finally adding a sodium silicate compound of relatively high viscosity and water sufficient to reduce the mass to a suitable consistency for brushing, spraying or dipping.

2,106,880
FRUIT JAR
Glenn A. Teas, Bedford, Ohio
Application October 24, 1935, Serial No. 46,540
1 Claim. (Cl. 215—37)



A method of eliminating bubbles from the interior of a jar of the type in which a closure with a bottom surface extending upwardly and outwardly from the center directly engages the contents of the jar, which consists in spinning the closure after application whereby the bubbles are discharged radially to the edge of the closure.

2,106,881
TELEPHONE SYSTEM
Fritz Wolf, Birkenwerder, near Berlin, Germany, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany
Application February 10, 1936, Serial No. 63,114
In Germany February 27, 1935
8 Claims. (Cl. 179—17)

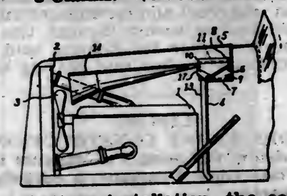


1. In a telephone system, a common line, telephone lines branched from one end of said common line, connecting lines branched from the other end of said common line, switches in each connecting line for extending calls from said telephone lines, means responsive to an incoming call over either connecting line or an outgoing call on one of said telephone lines for taking said common line and one of said connecting lines into use to the exclusion of the other telephone line and connecting line, switching means in said connecting line operated responsive to the call to apply an auxiliary potential to the connecting line to influence the switches thereon, said switching means operated transitorily responsive to an outgoing call and for the duration of an incoming call.

2,106,882
PASTE OF PARAMAGNETIC PARTICLES FOR USE IN THE EXAMINATION OF PARAMAGNETIC MATERIALS FOR FLAWS BY THE MAGNETIC METHOD
Carl E. Betz, Park Ridge, Ill., assignor to Magnaflux Corporation, Chicago, Ill., a corporation of Pennsylvania
No Drawing. Application December 12, 1936, Serial No. 115,640
3 Claims. (Cl. 175—183)

1. A plate for use in examining paramagnetic materials for flaws by the magnetic method, said paste comprising a uniform dispersion of finely divided paramagnetic particles in an oily vehicle and a small percentage of a dispersing agent effective to prevent agglomeration of said particles and to disperse said particles upon dilution of said paste.

2,106,883
BATTERY INSTALLATION FOR MOTOR VEHICLES
John Oliver Black, Detroit, Mich., assignor to The American Forging and Socket Company, Pontiac, Mich., a corporation of Michigan
Application April 8, 1936, Serial No. 73,240
3 Claims. (Cl. 180—68.5)

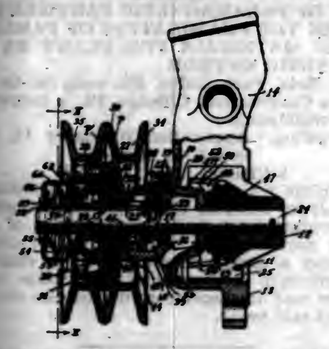


1. In a battery installation, the combination with a battery and a box receiving the battery and having an inlet in a wall thereof for cooling air and an outlet therefor in its bottom, of a strip substantially encircling the interior of the box at the junctures of its walls and bottom, and spacing the battery from the walls and bottom, said strip having a break therein defining a passage through which air may pass to the space beneath the battery and thence to the outlet, a strip extending upwardly from said first-mentioned strip and located between the break and the inlet, whereby said strips jointly baffle the air to prevent its direct flow from the inlet to the outlet.

2,106,884
SEAL FOR PUMP STRUCTURES
Sherwood C. Bliss, Buffalo, N. Y., assignor to Houde Engineering Corporation, Buffalo, N. Y., a corporation of New York
Application April 3, 1936, Serial No. 72,483
2 Claims. (Cl. 286—7)

1. In a pump structure of the class described comprising a frame providing a pump chamber and a bearing boss, a shaft structure extending through and journaled in said boss, and a pump

rotor within said pump chamber secured to the inner end of said shaft and having a recess surrounding said shaft, sealing structure comprising resilient packing material within the inner portion of said recess, a non-metallic sealing washer surrounding said shaft between said packing material and the adjacent end of said boss, a thin sheet metal retaining washer between said packing material and said sealing washer, said retaining washer being free for axial movement in said recess but having interlocking connections with said rotor for rotation therewith, said re-



taining washer being of large internal diameter so as to be in intimate engagement with only the peripheral portions of said packing material and the sealing washer, said sealing washer being of slightly larger internal diameter than said shaft so as to be free to rotate relative to the shaft, and spring means arranged to cause the exertion of pressure against said packing material for compression thereof within said recess and around said shaft and for engagement thereof with said sealing washer through the bore of said retaining washer for holding said sealing washer intimately against said bearing boss.

2,106,885

STORE FRONT CONSTRUCTION

Clyde J. Bristow, Oakmont, Pa., assignor to Pittsburgh Plate Glass Company, a corporation of Pennsylvania

Application February 12, 1936, Serial No. 63,539

3 Claims. (Cl. 189—78)



1. In combination in a store front construction, a pair of glass sheets having their edges in opposition, a clamping plate extending across said edges on the outer sides of the sheets formed so that it may be bent at its center to fit against the faces of the sheets and having an opening through its central portion, a cap fitting into said opening and provided with flanges which overlie the outer face of the plate on each side of the center line thereof, a stem secured at one end in the cap extending inwardly between the edges of the glass sheets, and a back clamp releasably secured upon the inwardly extending portion of the stem and engaging the rear faces of the glass sheets in opposition to the clamping plate.

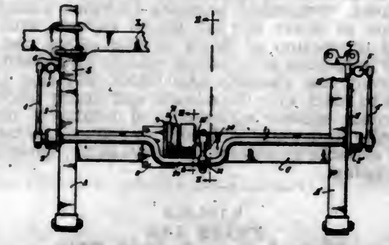
2,106,886

STABILIZER STRUCTURE FOR AUTOMOBILES

Harry L. Chisholm, Jr., Buffalo, N. Y., assignor to Houde Engineering Corporation, Buffalo, N. Y., a corporation of New York

Application February 13, 1936, Serial No. 63,495

3 Claims. (Cl. 267—11)



1. In stabilizing structure for automotive vehicles, an integral torque bar extending across and journaled at its ends on the vehicle chassis, levers connecting the ends of said bar with the vehicle axle structure, said bar intermediate its ends having an offset portion, a hydraulic shock absorber of the rotary type mounted on said chassis within said offset portion of the bar and with its axial line coincident with the axial line of rotation of said bar, and a connection from said offset portion for transmitting the rotary movement of said bar to the shock absorber rotary element.

2,106,887

METHOD OF TREATING ORES

Theodore Earle, Pacific Palisades, Calif.

No Drawing. Application June 30, 1936, Serial No. 88,147

17 Claims. (Cl. 209—167)

1. The method of preparing sands, comminuted ores and similar materials for separation by froth flotation which includes regulation of the moisture content of the material between an upper limit less in amount than will satisfy the affinitive capacities of all of the separated particles and a lower limit determined by the amount of moisture adsorbable to the material from the atmosphere, and subsequent thorough admixture with the moisture-regulated material of relatively minute quantities of selective reagents.

2,106,888

SEPARATORY FLOTATION METHOD

Theodore Earle, Pacific Palisades, Calif.

No Drawing. Application June 30, 1936, Serial No. 88,148

13 Claims. (Cl. 209—167)

1. The method of purifying naturally granular material which comprises disintegration of said material to its constituent elements without crushing or splintering of the particles, washing of said material and discard of slimes therefrom, dewatering of said material to a water content less than will satisfy the affinitive capacities of all of the separated particles and to that minimum essential for selective flotatively effective limitation of the adsorptive powers of the particles relative to flotation reagents, agitation of said water-regulated material with a fatty acid and agitation of said mixture in a froth flotation cell for separation and removal of impure particles through said cell.

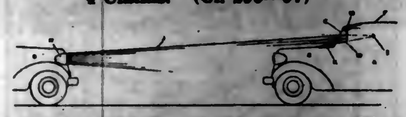
2,106,889

LIGHT SCREEN FOR AUTOMOBILES

Joseph Frank, Brooklyn, N. Y.

Application November 24, 1936, Serial No. 112,458

4 Claims. (Cl. 296—97)



4. A combined light reflector, screen and transmitter, comprising a sheet of flexible transparent celluloid coated on one side with a thin coating of silvering material capable of reflecting a large percentage of light impinging on the same, said coating being sufficiently thin to transmit therethrough a relatively small percentage of impinging strong white light as a clear blue color and acting to transmit red, green and yellow light as such, and said coating being continuous and capable of maintaining its continuity and light reflecting and transmitting capacities even though the sheet be repeatedly flexed in changing its form during use.

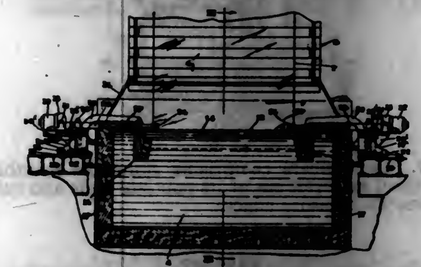
2,106,890

APPARATUS FOR MAKING SHEET GLASS

Heward L. Halbach, Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company, a corporation of Pennsylvania

Application December 24, 1935, Serial No. 56,064

8 Claims. (Cl. 49—17)



1. In combination in apparatus for making sheet glass including a drawing kiln connected at one end with a melting tank, and means for drawing a glass sheet continuously upward therefrom in a plane transverse to the kiln, a pot of refractory material also extending transversely of the kiln with its edges above the level of the bath and provided with a transverse rib for defining the line of draw and with inlet openings through its bottom on opposite sides of the ridge to permit a free flow of glass to the interior thereof, the end walls of the pot being spaced away from the side walls of the kiln, and edge holding means for the sheet above the surface of the glass in the pot and inward of the end walls thereof, the inlet opening on the side of the pot nearest the melting tank being nearer to said rib than the other inlet opening.

2,106,891

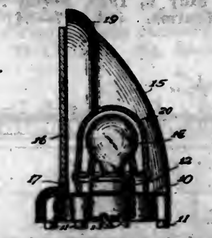
ILLUMINATED SIGN

Hyman C. Hammer, Chicago, Ill., assignor to Price Brothers, Inc., Chicago, Ill., a corporation of Illinois

Application August 2, 1937, Serial No. 158,089

1 Claim. (Cl. 40—130)

A luminous sign of the character described, comprising a base, a source of illumination mounted on said base, a hollow shell surrounding said source of illumination and having a dull finish provided on the inner surface thereof, said shell being open at its forward end, and an opaque plate member for partially closing said open end, said opaque member being supported



at its bottom edge on the base and having its outer edge spaced from the edge of said shell to produce a narrow space whereby, when the interior of said shell is illuminated, the band of light issuing through said space will present the effect of a luminescent tube.

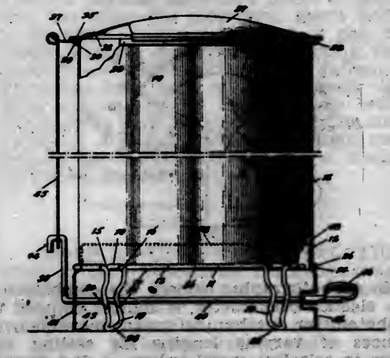
2,106,892

CLOSURE OPERATING MECHANISM FOR WASTE CANS

Meyer Kamenstein, Brooklyn, N. Y.

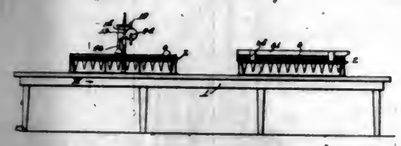
Original application August 28, 1935, Serial No. 38,176. Divided and this application January 23, 1936, Serial No. 60,441

4 Claims. (Cl. 220—36)



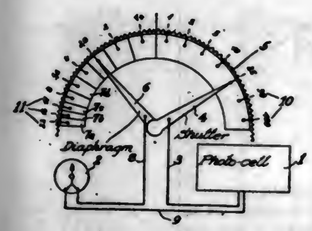
4. A can, a closure therefor, mechanism for actuating the closure including a rocking shaft having one end extending at right angles to the shaft and connected to the closure with said end vertically disposed when the closure is in closed position, and disposed to open the closure when the end is rotated from its normal vertically extending position in either rotary direction, said shaft provided at its other end with two pedals extending therefrom in opposite directions from the axis of rotation of the shaft and each pedal constituting a foot actuated lever for rotating the shaft, and said pedals normally disposed in relative horizontal position when the first named shaft end is in its vertical, closure-closed position and said pedals adapted whenever pressure is imposed on either of the pedals to depress one and elevate the other and thus rotate the shaft to shift the end vertically and thus open the closure and when pressure is applied to the elevated pedal to restore the pedals to their normal horizontal position.

2,106,893
METHOD OF MAKING FROZEN CONFECTIONS
Frederick Thomas Krein, Park Ridge, Ill., assignor to Dixie-Vortex Company, a corporation of Delaware
Application May 6, 1935, Serial No. 19,939
3 Claims. (Cl. 107—54)



1. The method of preparing a chocolate coated frozen confection, including chilling a container, continuously, progressively and uniformly spraying the container with chocolate, filling the container to a desired extent with a confectionery mass, and refrigerating the whole to harden the mass.

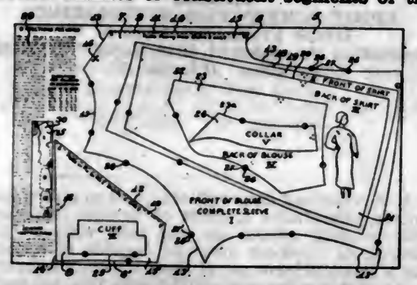
2,106,894
PHOTOGRAPHIC CAMERA
Heinz Küppenbender, Dresden, Germany, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany
Application September 20, 1935, Serial No. 41,390
In Germany August 16, 1934
6 Claims. (Cl. 95—10)



1. In a photographic camera the combination of an electric photometer, a shutter coupled to the photometer, mechanical means movable over distances of varying lengths for setting the shutter to selective speed values, a dial having non-uniform gradations indicating said speed values, and electrical means for rendering uniform the increments in the current of the photometer upon adjustments of the shutter to successive speed values, said last named means being formed by resistance sections in the photometer circuit successively engageable by the shutter setting means and having non-uniform coefficients of resistance, the coefficients of resistance being reversely proportionate to the distance between each two successive dial gradations.

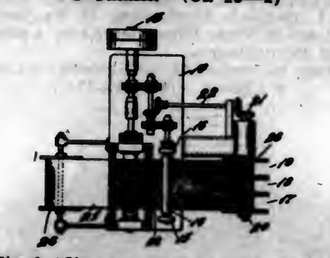
2,106,895
GARMENT PATTERN
William I. Le Coq and Martha W. Le Coq, Philadelphia, Pa.
Application October 28, 1936, Serial No. 107,952
4 Claims. (Cl. 33—12)

1. A pattern for a garment, comprising a severable sheet having delineated thereon a series of pattern outlines of constituent segments of the



garment, in nested relation, one within the outline of another.

2,106,896
SHREDDED SHEET MATERIAL
Norman E. McCulloch, Pawtucket, and Willard A. Bourne, Barrington, R. I., assignors to The Rayon Processing Co. of R. I., Inc., a corporation of Rhode Island
Application October 23, 1934, Serial No. 749,564
3 Claims. (Cl. 19—1)

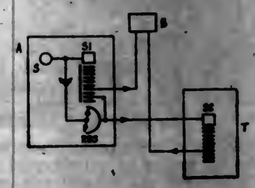


1. Staple fibers comprising spinnable lengths of sheet material cut at its opposite ends and cut along its opposite edges.

2,106,897
AUTOMATIC OR SEMIAUTOMATIC TELEPHONE SYSTEM
Richard Mercer, Kenton, England, assignor to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application February 9, 1935, Serial No. 5,735
In Great Britain February 21, 1934
9 Claims. (Cl. 179—18)

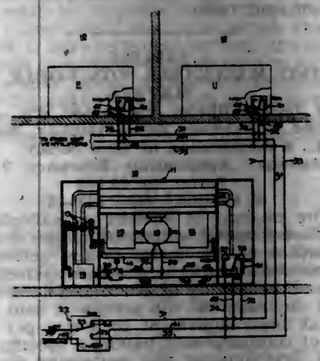
1. In a switching system, a selector switch having its contact bank divided into separately designated contact groups, means responsive to control corresponding to the designation of a contact group for bringing said selector into association with the designated group of contacts, there being lines connected to the contacts of said selector and grouped generally in accordance with the grouping of the contacts, means for causing the selector to search over the contacts of a selected group for an idle line, means effective in the event that an idle line is found for arresting the searching operation and for causing the selector to make connection with the idle line and effective in the event that all of the lines connected to the contacts of the group are busy for arresting the operation of the selector when the end of the group is reached, certain of said groups of lines having more lines therein than there are contacts in a group, the additional overflow lines being connected to spare contacts

in other contact groups, an overflow link associated with said selector and having access to the overflow lines, means effective when the selector is brought into association with a contact group serving a group of lines containing overflow lines for operating the overflow link to make connection with the selector and to make connection



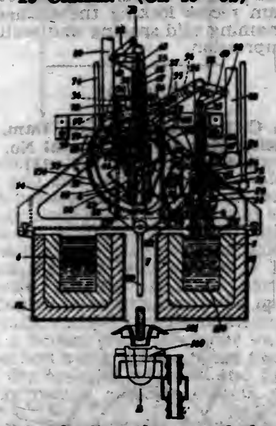
with an idle overflow line of the called group, and means effective in the event that all of the non-overflow lines of the called group are busy and upon the consequent arresting of the movement of the selector at the end of the contact group for completing connection by way of the overflow link with the selected idle overflow line.

2,106,898
UNIT VENTILATOR CONTROL SYSTEM
Wayland R. Miller, Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application April 2, 1936, Serial No. 72,521
2 Claims. (Cl. 98—1)



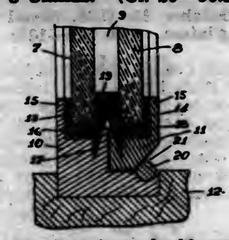
1. In a system of the class described, a plurality of unit ventilators for a plurality of spaces, each of said unit ventilators including conditioning, ventilating and control means, a single pole double throw switch associated with each unit ventilator, a master single pole double throw switch, a pair of line wires for supplying electrical energy to said unit ventilators, a first of said line wires being connected to the switch arm of the master switch and the second of said wires being connected to the ventilating and control means of each unit ventilator, connections between the contacts of the master switch and the contacts of each switch associated with said unit ventilators, and connections between the ventilating and control means and the switch arm of the switch associated with that unit ventilator whereby the unit ventilators may be controlled by the master switch and by the switches associated therewith.

2,106,899
MEANS FOR FEEDING GLASS TO GLASS FORMING MACHINES
Thomas Courtney Moorhead, Strand, London, England, assignor to The United Glass Bottle Manufacturers Limited, London, England, a British company
Application February 5, 1936, Serial No. 62,289
In Great Britain January 8, 1936
19 Claims. (Cl. 49—62)



3. Means for feeding charges of glass to glass forming machines comprising a pair of parallel furnace forehearths having a space therebetween, a pair of parallel bell-crank levers arranged one over the other for movement about horizontal pivots disposed over said space, a pair of vertically disposed units interconnecting the free ends of the bell-crank levers, a gathering cup depending from each of the vertically disposed units and means for swinging the bell-crank levers about their horizontal pivots to move the gathering cups into gathering positions over said forehearths respectively or into a discharging position over said space.

2,106,900
DOUBLE WINDOW CONSTRUCTION
William Owen, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa., a corporation of Pennsylvania
Application April 27, 1937, Serial No. 139,239
3 Claims. (Cl. 20—56.5)



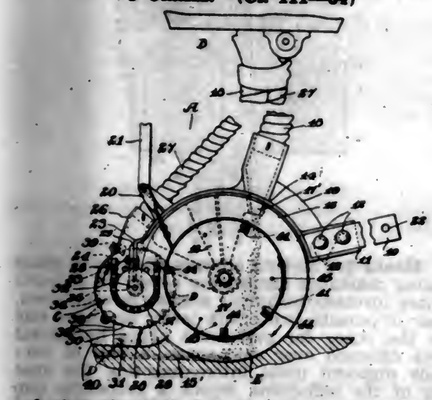
1. In combination in a double window, a stationary frame provided with a rabbet on one side and with an inwardly extending flange on its other side, a glass sheet fitting in the frame with its edges in opposition to said flange, releasable means carried by the frame and engaging the sheet at its edge in opposition to said flange, a movable frame fitting in said rabbet in the stationary frame provided with an inwardly ex-

tending flange on one side thereof, a glass sheet fitting in the movable frame with its edges in opposition to the flange thereon, releasable means carried by the movable frame and engaging the sheet at its edge in opposition to said last flange, a cam recess extending around the frames at the outer edges of the movable frame and lying partly in such frame and partly in the stationary frame, yielding spacing and sealing means between the glass sheets at their edges, and a removable strip in said cam recess locking the frames together and maintaining said spacing and sealing means under compression.

2,106,901
SEEDER

Hugo C. Rasmussen, Beaver Dam, Wis.

Application May 24, 1934, Serial No. 727,254
5 Claims. (Cl. 111—34)

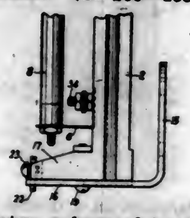


1. A seeder including, a pair of inwardly slanting discs, a fertilizer tube leading between said discs to feed fertilizer to the bottom of the furrow made in the ground by said discs, a rotatable seed dropper including a series of seed receiving pockets positioned between the rear portion of said discs and having a furrow opener means, and means for rotating said seed dropper.

2,106,902
SUBSTATION PROTECTOR

Roy G. Sands, Waukegan, Ill., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware

Application October 25, 1935, Serial No. 46,653
6 Claims. (Cl. 200—133)

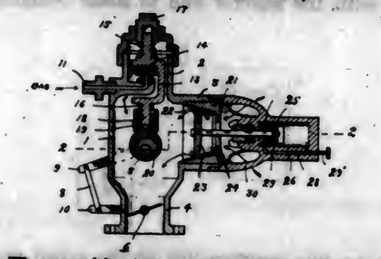


1. In a protector, a base of insulating material, a reversible L-shaped bracket including a leg for attaching said base to a wall and adapted to be exposed or concealed when said protector is mounted on said wall depending upon the position of said bracket, a cover, and means carried on said bracket for securing said cover in place independently of said base.

2,106,903
GAS MIXER

Albert Tonkin, Cloquet, Minn., assignor of two-thirds to J. L. Mannahan, Minneapolis, Minn.

Application March 27, 1936, Serial No. 71,185
4 Claims. (Cl. 48—180)



1. The combination with a fuel gas and air mixer having a main mixing chamber provided with gas inlet and discharge ports, an air inlet chamber communicating with said main mixing chamber intermediate of said gas inlet and discharge ports, a valve for control of said air inlet including a piston carrying rod, a cylinder within which said piston reciprocates, an expansive spring within said cylinder intermediate of the piston and head of the cylinder towards said valve to normally keep the latter closed, said cylinder being adapted to contain a body of oil positioned upon both sides of said piston, an oil by-pass from one end of the cylinder to the other and a manually adjustable valve within said by-pass to regulate the flow of oil from one end of said cylinder to the other and thus control the action of said valve.

2,106,904
COATING MALLEABLE NON-NOBLE HEAVY METALS

Ernest John Wilhelm, Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y., a corporation of New Jersey

No Drawing. Application February 21, 1936, Serial No. 65,138
6 Claims. (Cl. 148—6)

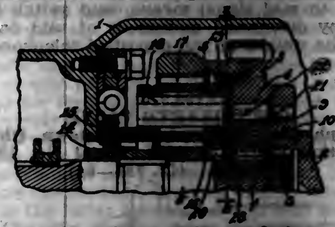
1. The method of coating a malleable non-noble heavy metal which comprises subjecting the surface of the metal to the action of an acid solution containing a reagent selected from the group consisting of chromic acid and water soluble dichromates, the acidity of said solution being at least equivalent to 3 ccs. per liter of water of sulphuric acid having a specific gravity of 1.84, said solution also containing the anions of a mineral acid of the group consisting of sulfuric acid, hydrochloric acid and nitric acid, regulating the ratio between the concentration of said reagent and the concentration of mineral acid anions in said solution within limits at which a colored coating is formed, and leaving the surface of the metal in contact with the solution until a visible colored protective coating appears on said surface.

2,106,905
OVERSPEED DRIVE NO BACK LOCKOUT

William B. Barnes, Indianapolis, Ind.

Application January 8, 1934, Serial No. 705,706
7 Claims. (Cl. 74—230)

1. In a transmission, the combination with a driving and a driven shaft, of an overspeed gearing for drivingly connecting said shafts, a one-way clutch for drivingly connecting said shafts, one of the members of said clutch being in constant driving connection with one of the gears of said gearing and another member of said clutch being in constant driving connection with the

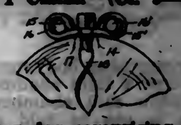


driving shaft, and means for rendering said one-way clutch inoperative in either direction of rotation when the shafts are drivingly connected through said overspeed gearing.

2,106,906
MEANS FOR AND METHOD OF TOWING LOGS

Hilmer F. Berg, Port Angeles, Wash.

Application January 22, 1935, Serial No. 2,847
1 Claim. (Cl. 9—16)

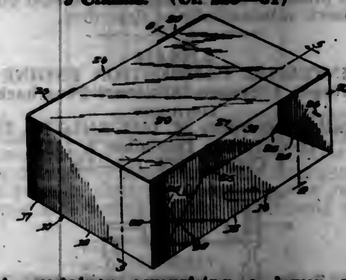


A log towing dog comprising a plate adapted to be disposed transversely upon a log and having a centrally located opening therethrough and formed at its opposite ends with eyelets to serve as reeveways for opposite sides of a cable that may be looped about the log to which the plate is applied, a spike extended through the opening in the plate comprising a shank portion on which the plate may pivot, a head for retaining the plate on the spike and by which the spike may be driven into the log; the lower end portion of the spike comprising a flattened and twisted blade portion.

2,106,907
BOX

John P. Brunt, Chicago, and Edward E. Maston, Wilmette, Ill., assignors to Brunt & Company, Chicago, Ill., a corporation of Delaware

Application January 6, 1936, Serial No. 57,772
9 Claims. (Cl. 220—31)

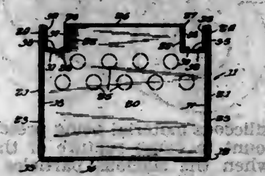


1. A container comprising a lower section formed of a unitary piece of foldable material into a bottom portion, side and end portions, and having corner portions folded upon themselves into substantial triangular form and secured to the sides of the box at a point in spaced relation from the upper edge, and a cover adapted to be received over the side portions and inside of a portion of each of said corner portions.

2,106,908
CHANNEL-VENTED BOX

John P. Brunt, Chicago, and Edward E. Maston, Wilmette, Ill., assignors to Brunt & Company, Chicago, Ill., a corporation of Delaware

Application January 6, 1936, Serial No. 57,773
3 Claims. (Cl. 229—6)

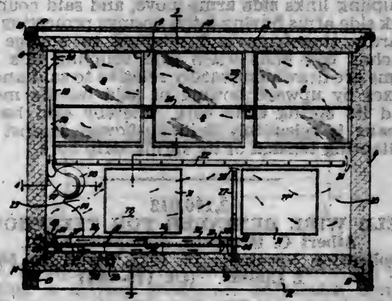


1. In combination, a receptacle having bottom, side and end walls, the end walls having struck-out portions at the upper corners thereof whereby openings are formed in said end walls, the struck-out portions remaining connected to said end wall at one of their sides, and a cover therefor having fold lines extending longitudinally thereof whereby channel portions are formed adapted to be fitted into the openings in said end walls, each channel comprising two side walls and a bottom wall, the outer wall of each channel portion being fitted against the adjacent side wall, the opposite side wall and the bottom wall having partial cut-outs therein.

2,106,909
REFRIGERATOR

Charles S. Evans, Oakland, Calif., assignor to Forderer Cornice Works, San Francisco, Calif., a corporation of California

Application March 9, 1936, Serial No. 67,781
3 Claims. (Cl. 62—63)



1. A refrigerator comprising a food chamber, a cooling chamber, an elevated shelf in the cooling chamber for supporting the ice so that the ice water may drip into the space below the shelf, a plate in the space below the shelf for receiving the drip and for dividing said space into passages and means for withdrawing air from the food chamber and discharging it into the passage below said plate.

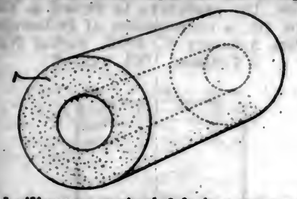
2,106,910
CATALYTIC DEVICE

John Finn, Jr., Berkeley, Calif., assignor of one-tenth to Phyllis Frahwitter, Berkeley, Calif.

Application April 16, 1936, Serial No. 74,893
8 Claims. (Cl. 23—234)

1. A catalytic device comprising a catalytic material dispersed in a frangible matrix, said

matrix containing finely divided particles of an unannealed fused siliceous material and a binder bonding the particles together as a rigid body,



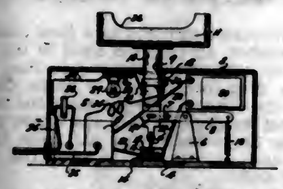
the fused siliceous material being present in sufficient amount to cause rupture of the binding material when the silicious particles are ruptured by temperature changes.

2,106,911
LUGGAGE HANDLE
Emile Garfinkel, Newark, N. J.
Application May 22, 1936, Serial No. 81,263
2 Claims. (Cl. 190—57)



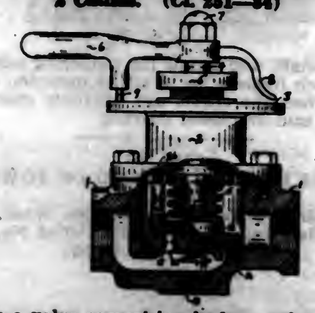
1. A collapsible handle for luggage, comprising a handle means having a spring strip core extending longitudinally thereof, coupling loops affixed to the ends of said spring strip core and adapted to extend from the ends of said handle means, said coupling loops having side arms connected at their free extremities by a transverse stop bar, anchor boxes for fixed attachment to the luggage, said anchor boxes having inner end walls provided with openings through which said coupling links side arms move, and said coupling link side arms having latch nosings projecting upwardly therefrom and adapted to engage the anchor box ends when said coupling link side arms are drawn outwardly relative to said anchor boxes by upward bowing of said handle means and its spring strip core, whereby said handle means is releasably held up-bowed against the collapsing tension of its spring strip core.

2,106,912
HELD WIRE REMINDER FOR TELEPHONES
Albert C. Herzberg, Memphis, Tenn.
Application November 19, 1935, Serial No. 50,512
2 Claims. (Cl. 179—84)



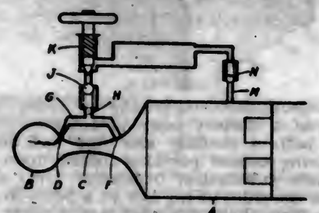
2. In an apparatus of the class described having an electrically actuated signal means, a casing, a column vertically movable through the upper wall of said casing, a pivoted lever means to one end of which the inner portion of said column is connected, spring means connected with the other end of said lever means to yieldably swing the latter to hold the column in normal initial uplifted position, means on the exterior portion of said column to hold a telephone receiver deposited thereon after removal from the receiver suspension hook of a telephone instrument, and a control switch to govern delivery of electric current to said signal means, said switch being closed by downward movement of said column under the weight of the deposited telephone receiver.

2,106,913
OPEN HEARTH VALVE
Joseph Glen Hubbard, Youngstown, Ohio
Application March 9, 1937, Serial No. 129,232
2 Claims. (Cl. 251—84)



1. In a valve comprising body members drilled and tapped to form a fluid chamber therein, a circular disk within said chamber having an opening therein, a pin in said circular disk adapted to engage an opening in one of said body members, a rotatable cam shaped disk positioned upon the said circular disk, a stem formed on said rotatable cam shaped disk, an operating stem positioned in one of said body members and adapted to engage the stem formed on the rotatable cam shaped disk, a button-like insert positioned in said rotatable cam shaped disk and a coil spring also positioned in said rotatable cam shaped disk and adjacent to the said button-like insert, a secondary spring tension means positioned on the said cam shaped disk designed to apply extra tension to the said button-like insert, said secondary spring tension means comprising a cylindrical member positioned upon the said rotatable cam shaped disk, a pair of plungers and a coil spring positioned within said cylindrical member, one of said plungers adapted to contact a cam formed on an inside surface of one of said body members, and the other one of said plungers bearing against the said button-like insert, substantially as described.

2,106,914
INTERNAL COMBUSTION ENGINE
Prosper L'Orange, Stuttgart-Feuerbach, Germany
Application December 24, 1934, Serial No. 759,005
In Germany December 7, 1933
1 Claim. (Cl. 123—32)



An internal-combustion engine of the character described, comprising a cylinder, a head on said cylinder provided with a pre-combustion chamber and with a Venturi passage connecting said chamber with the cylinder, an elongated fuel receptacle in said head arranged close to the Venturi passage and parallel to the axis thereof, ducts connecting opposite ends of said receptacle with opposite end portions of the Venturi passage, a fuel supply passage leading to the receptacle, means for feeding fuel to the receptacle through said supply passage after each explosion, and a check valve controlling said latter passage and enabling the receptacle to be influenced by the air compression in the cylinder for feeding fuel into the pre-combustion chamber and by the explosion in the latter for feeding fuel into the cylinder, the duct located near the pre-combustion chamber being narrower than the duct located near the cylinder for preventing the receptacle from being completely emptied into the pre-combustion chamber.

2,106,915
DRIER
James P. Martel, Evanston, Ill., assignor to Oliver United Filters Incorporated, San Francisco, Calif., a corporation of Nevada
Application July 1, 1935, Serial No. 29,276
5 Claims. (Cl. 34—12)



1. In a drier comprising a traveling support adapted to carry a bed of material: a rotatable shaft mounted above said support; discs mounted on said shaft at an angle therewith; the shaft and discs being so disposed with respect to the support that the lower peripheries of the discs will rotate through the material carried by the support as the material passes beneath the discs; and means for positively driving said shaft.

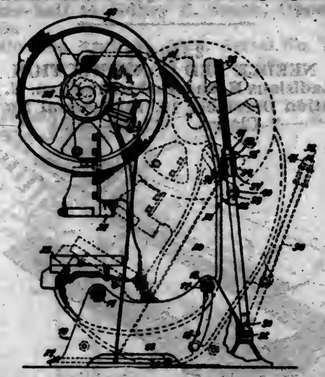
2,106,916
FLUSH VALVE CONTROL
Erwin F. Mortlock, Pasadena, Calif.
Application January 21, 1937, Serial No. 121,439
17 Claims. (Cl. 4—37)



1. A tank of the class described, having in combination: an inlet valve; a float controlling the inlet valve; a buoyant outlet valve; and means operatively associating said float with said outlet valve to close the buoyant outlet valve in response to lowering of the liquid level in the tank.

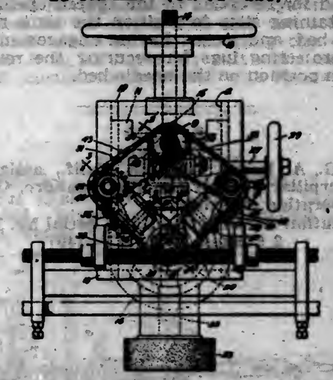
2,106,917
INCLINING DEVICE FOR INCLINABLE PUNCH PRESSES
Frederic Orton, Buffalo, N. Y., assignor to Niagara Machine & Tool Works, Buffalo, N. Y., a corporation of New York
Application November 18, 1935, Serial No. 50,308
12 Claims. (Cl. 164—103)

1. An inclining device for a punch press having a base and a main frame inclinably mounted on said base for fore and aft movement, comprising an elongated member maintained at all times under tension and extending upwardly in



rear of said main frame and means pivotally connecting said member with the rear of said base and main frame and including a single means for varying the effective length thereof.

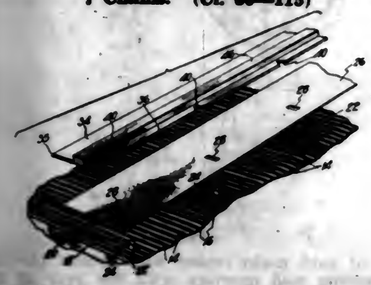
2,106,918
TRANSMISSION MECHANISM
Henry J. Perasnell, Philadelphia, Pa.
Application September 5, 1935, Serial No. 39,223
14 Claims. (Cl. 74—228)



12. Equipment of the character described including a driving shaft, an adjustable driven shaft, a movable support for the driven shaft providing for adjustment thereof, four links two of which are pivoted to each other on an axis substantially coincident with that of the driving shaft and the other two of which are pivoted to each other on an axis substantially coincident with that of the driven shaft, pivot means joining the free ends of said links in pairs to form an angular figure the corners of which are defined by the pivots, a rotative driving member on the driving shaft, a rotative driven member on the driven shaft, rotative idler members mounted substantially coaxially with said pivot means, an endless flexible driving element engaging said members, an additional shaft mounted on said support with its axis at an angle to but intersecting the axis of the driven shaft, the additional shaft being mounted for pivotal movement, and gearing interconnecting the driven shaft and the additional shaft, whereby power

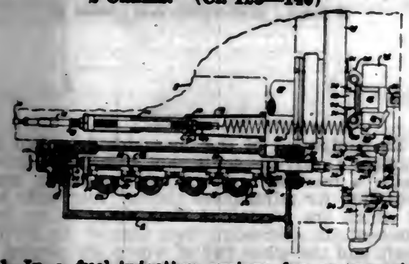
may be delivered to the said additional shaft regardless of pivotal movement thereof or of movement thereof with said support and driven shaft.

2,106,919
NEEDLE BED CONSTRUCTION
Ladislaus Rebaczynski, Brooklyn, N. Y.
Application December 10, 1935, Serial No. 53,704
7 Claims. (Cl. 66—115)



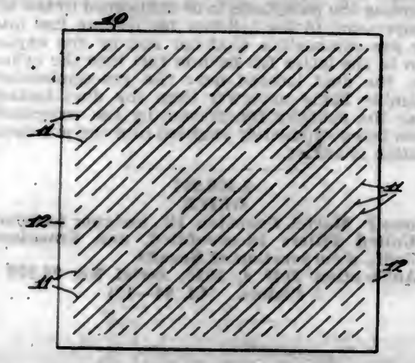
1. A knitting machine needle bed comprising a body portion, spaced ribs on the body portion forming intervening channels for needles and needle jacks, and means for preventing displacement of needles and needle jacks relative to the channels, said means comprising a retaining strip overlying said ribs and intervening channels, said retaining strip having spaced openings therein, lugs projecting from certain of said ribs and adapted for reception in the spaced openings of the retaining strip to position the same relative to the bed, and means having engagement with said projecting lugs for securing the retaining strip in position on the needle bed.

2,106,920
ENGINE
Carl G. A. Rosen, Oakland, Calif., assignor to Caterpillar Tractor Co., San Leandro, Calif., a corporation of California
Application December 26, 1933, Serial No. 703,929
2 Claims. (Cl. 123—140)



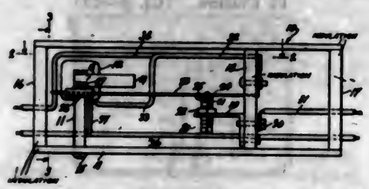
1. In a fuel injection system for compression ignition and the like engines, a plurality of individually detachable fuel injection devices each having an element mounted for axial reciprocation to control operation thereof, the elements being all axially alined with adjacent ends of adjacent elements in surface to surface contact to provide for movement of all of said elements simultaneously in either direction and to allow for ready removal or insertion of any of said devices, and a C-clamp member mounted for reciprocation along an axis parallel to the axis of reciprocation of said elements and having spaced apart means engaging the outermost elements to effect simultaneous movement of all of said elements as a unit together in either direction, said clamp member comprising the sole means for maintaining said elements in free abutting relation.

2,106,921
FRUIT PACKING SEPARATOR
George Sykes, Los Angeles, Calif.
Application August 10, 1936, Serial No. 95,186
3 Claims. (Cl. 217—27)



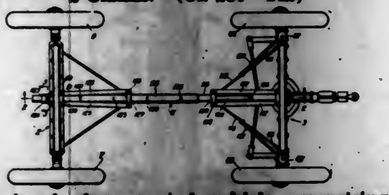
1. A fruit packing separator comprising a sheet of flexible material having a continuous marginal portion and provided throughout its area within said continuous marginal portion with diagonally disposed slits arranged in substantially parallel rows which slits divide the sheet into a series of continuous narrow strips extending from points adjacent two sides of the sheet to points adjacent the other two sides of said sheet and with said slits disposed in staggered relation.

2,106,922
FLICKERING DEVICE
Joseph Tascher, Brooklyn, N. Y.
Application October 6, 1936, Serial No. 104,177
2 Claims. (Cl. 200—87)



1. A pulsating device comprising a base, an electro-magnet supported above said base and having a core provided at one end with a lateral extension, a support rising from said base and spaced from the magnet longitudinally of the side arm of the core, a bracket carried by said support and adapted to have a conductor connected thereto, a contact carried by said bracket, a resilient arm of nonmagnetic material extending from said support over said bracket and carrying a contact disposed over the contact of the bracket, said arm extending in overlapped and parallel spaced relation to the side arm of the core, and a weight of magnetic material carried by said arm and shiftable along the same opposite the side of the core and constituting an armature.

2,106,923
WHEELED VEHICLE
Miles H. Tuft, Rock Island, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Original application June 15, 1934, Serial No. 730,758. Divided and this application February 8, 1935, Serial No. 5,523
2 Claims. (Cl. 280—142)



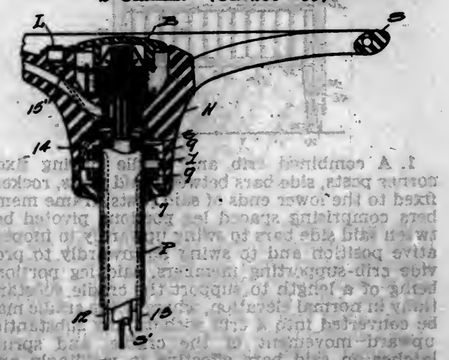
1. A wheel supported vehicle comprising a front gear, a rear gear, and means connecting said gears comprising a pair of reach pole sections rigidly connected with said gears, respectively, one of said sections being torsionally yieldable and having one end rigidly connected to one of said gears, and holding means adjacent the other end of said yieldable reach pole section for rigidly connecting said other end of the yieldable section with said other section selectively at any one of a plurality of longitudinally spaced points on said other section so that the amount of torsional yielding of said first section remains constant for any given stress independent of the distance between the front and rear gears.

2,106,924
AUTOMATIC LOCOMOTIVE FLANGE OILER
Joseph A. Gaffre, Portola, Calif.
Application August 7, 1937, Serial No. 157,924
12 Claims. (Cl. 184—3)



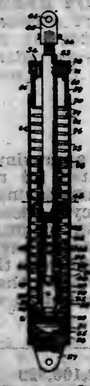
1. An oiler of the character described comprising an oil line having a discharge opening arranged and adapted to discharge oil against the flange of a driving wheel of a locomotive, a fluid pressure line, an ejector in said oil line and fluid pressure line arranged and adapted for actuation by the fluid in the pressure line for causing a flow of oil with the fluid to said discharge opening, a valve associated with said ejector operative by the fluid in the pressure line to move for opening the oil line to flow of oil to the ejector and automatically operative upon cessation of admission of fluid under pressure to the ejector to move for closing the oil line to flow of oil in the oil line to the ejector.

2,106,925
CIRCUIT CONTROLLER FOR INDICATORS
Lydia A. Hagler, Otis Orchards, Wash., assignor of one-half to Sidney E. Smith, Opportunity, Wash.
Application April 21, 1936, Serial No. 75,600
2 Claims. (Cl. 200—59)



1. The combination with the hollow hub of a steering wheel a rotary head rigid therewith, an integral upwardly projecting contact member on the head, and an integral downwardly projecting contact member, said contact members being spaced within the head and of resilient material, of a tubular post having stationary contact units thereon located above and below the head, said units each having annular track-ways on adjoining faces for co-action with said contact members, and means for disconnecting one contact member from its stationary unit while the other contact member is connected with its stationary unit.

2,106,926
DOOR CLOSER
Charles E. Hammell, Red Bank, N. J.
Original application July 20, 1931, Serial No. 554,064. Divided and this application April 21, 1934, Serial No. 721,750
6 Claims. (Cl. 187—31)



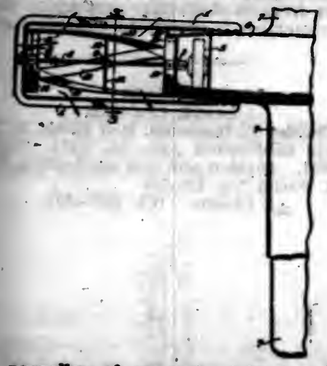
1. In combination, a door, actuating levers therefor, plural power devices of different effective length to move said door, a cylinder, a piston within said cylinder, said power devices contained within said cylinder, and means operable from without said cylinder to adjust one of said power devices.

2,106,927
COMBINATION CRIB AND CRADLE
Mary A. Kinnear, Worcester, Mass.
Application May 19, 1937, Serial No. 143,596
2 Claims. (Cl. 5—106)



1. A combined crib and cradle having fixed corner posts, side bars between said posts, rockers fixed to the lower ends of said posts, frame members comprising spaced leg portions pivoted between said side bars to swing upwardly to inoperative position and to swing downwardly to provide crib-supporting members, said leg portions being of a length to support the cradle substantially in normal elevation, whereby the cradle may be converted into a crib without any substantial upward movement of the cradle, and spring latches on said bars effective to yieldingly and automatically receive said frame members when said members are swung upward and to retain said members in raised position between said side bars.

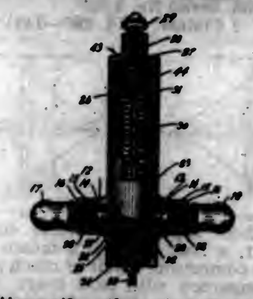
2,106,928
AIR OR WATER CRAFT PROPULSION
Charles M. Lee, Falls City, Nebr.
Application June 30, 1937, Serial No. 151,189
4 Claims. (Cl. 170—156)



1. A propeller of approximately general cylindrical form mounted for rotation around a central longitudinal axis having one open end and one closed end, said cylindrical form being open at its sides except for longitudinally extending pitched peripheral blades having their working faces on the outside and with their forward edges nearer the axis of rotation than the rear edges, and said blades extending in a helical direction around the cylinder.

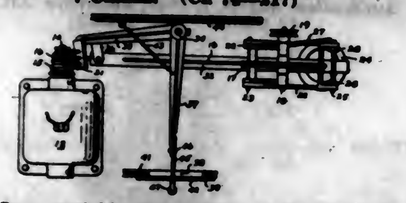
2,106,929
WATER TEMPERATURE CONTROL VALVE
Charles B. McClure, Denver, Colo., assignor to Lenore L. McClure
Application February 13, 1936, Serial No. 64,505
1 Claim. (Cl. 236—12)

A thermostatically controlled mixing valve, comprising a housing, hot and cold water inlets to the housing, valves in said inlets, valve operating means on said valves extending into said housing, a sleeve in said housing, a thermostat moving said sleeve axially, cams on said sleeve adapted to engage said valve operating means, one of said cams adapted throughout a range of adjustment to maintain one of said valves fully



open at all times, the other of said cams adapted to maintain said other valve partly open, means for rotating said sleeve to initially set said valves, said thermostat moving said sleeve to maintain a predetermined temperature by regulating said partly open valve, said cams being so formed that either valve may be independently fully opened at will.

2,106,930
VARIABLE SPEED BELT DRIVE
Ferdinand Nigra, San Francisco, Calif., assignor to Nigra Duplicator Company, San Francisco, Calif., a corporation of California
Application September 20, 1935, Serial No. 42,250
7 Claims. (Cl. 74—217)

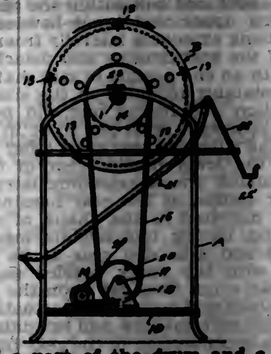


7. In a variable speed drive of the character described, the combination of a drive shaft fixed against an axial shifting thereof and having a stepped pulley fixedly mounted thereon and providing a succession of belt grooves, a driven pulley, a belt extending around said driven pulley and engaged in a groove of the stepped pulley, and means mounting said driven pulley for free pivotal movement thereof about an axis in its plane whereby said pulley is arranged to be and remain in the plane of the belt when the belt engages different grooves of the stepped pulley.

2,106,931
PHOTOGRAPHIC PRINT DRIER
Virgil L. Polson, East Moline, Ill.
Application August 24, 1937, Serial No. 160,682
2 Claims. (Cl. 34—4)

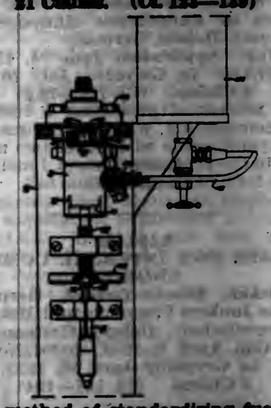
1. An apparatus for drying photographic prints comprising a supporting frame, a drum rotatably supported thereby, means for rotating the drum, a plurality of squeegee plates, means for removably holding the plates to the rim of the drum, means for heating the drum, a chute carried by the frame and extending under the drum for receiving the prints dropping from the

plates, and a rack for receiving and holding the plates released from the drum, the plate holding means including a stationary member for holding the rear edge of each plate between



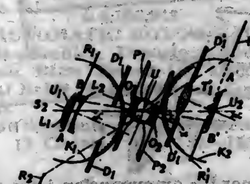
itself and a part of the drum and a manually releasable member for holding the front edge of each plate to the drum and said rack being located adjacent a downwardly movable part of the drum.

2,106,932
ENGINE
Carl G. A. Rosén, Oakland, Calif., assignor to Caterpillar Tractor Co., San Leandro, Calif., a corporation of California
Application November 7, 1933, Serial No. 696,960
21 Claims. (Cl. 123—139)



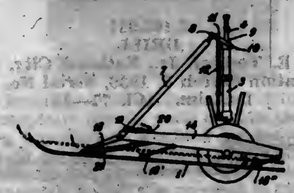
1. The method of standardizing fuel injection pumps of the type adapted to eject measured amounts of fuel therefrom, so as to obtain uniform action thereof and interchangeability, each pump having a train of members including a pump plunger member adapted for movement to determine the beginning of fuel injection and a second member associated with said plunger member; which comprises the steps of providing a plurality of sets of said second members, the members of each set having a dimension in the motion transmitting line thereof varying by a constant amount from the corresponding members of another set, said constant amount being less than the permissible error in the dimension of the plunger member in a standardized pump, determining the size of the second member which most accurately satisfies the conditions for a given pump, and mounting a second member of the determined size in said pump.

2,106,933
REPRODUCTION OF LENTICULAR FILMS
Anne Henri Jacques de Lasteyrie Saint Genies, Versailles, France
Application July 25, 1936, Serial No. 92,665
In France August 1, 1935
8 Claims. (Cl. 88—24)



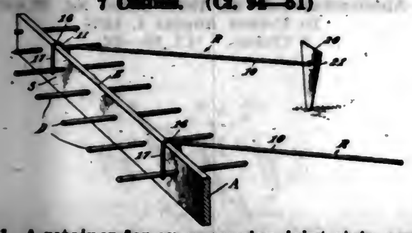
1. In a system for copying goffered films with the aid of a principal optical system of small aperture, the plane of its pupil being different from the zone of convergence of the axes of the elementary beams of each of said films, supports for said films, means to give to said films and to said principal optical system synchronous homothetic relative displacements while remaining parallel to one another and perpendicular to the axis of said principal optical system, a source of light placed beyond the original film on the optical axis of said principal optical system which passes, throughout the copying operation, through the centre of said optical system and the centre of the two films, a guard rigidly connected with the support of each film, each provided with a window the periphery of which is equal to said respective zones of convergence, and screens movable relatively to the films in planes near to said films, said screens each having a window the periphery of which is equal to the conical projections of said respective zones of convergence on the respective planes of said films from the centre of said principal optical system, said windows remaining coincident with said respective projections during their movement relative to said films.

2,106,934
LANDING GEAR FOR AIRCRAFT
Raymond Saulnier, Puteaux, France
Application March 18, 1936, Serial No. 69,542
In Germany March 19, 1935
11 Claims. (Cl. 244—103)



1. Landing gear for aircraft comprising in combination, a pair of runners, rigid rods linked to and carrying each runner, and a deformable member associated with said rods and organized to resist the aerodynamic stresses acting on the runner, while being capable of yielding to the pressure acting on the runner on landing, one of said rods being linked at one end to a point near the front end of the runner, a lever pivotally connected with the other end of said rod and with a point of another of said rods, the bottom end of which is linked to the rear part of said runner.

2,106,935
RETAINER FOR EXPANSION JOINT STRIPS
Vincent Schiavi, Wilmington, Del.
Application March 15, 1937, Serial No. 131,067
7 Claims. (Cl. 94—51)



1. A retainer for an expansion joint strip comprising an anchoring rod, means at one end of the rod for attachment to the strip, and an apertured anchoring member loosely carried at the other end of the rod, whereby said rod may be angularly adjusted relative to said member.

2,106,936
LIGHTWEIGHT SADIRON CONSTRUCTION
Howard A. Smith, St. Louis, Mo., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application July 16, 1935, Serial No. 31,613
8 Claims. (Cl. 219—25)



1. In an electric appliance having a heating element and a shell, a terminal assembly for said heating element comprising an elongated plate portion having a pair of terminals thereon and spaced longitudinally thereof, and an arm portion extending from one side thereof and arranged at an angle relative to the plane of said plate portion, the opposite side of said plate portion and the outer end of said arm portion engaging spaced parts of said shell under stress to support said terminal assembly relative to said shell.

2,106,937
DRILL
John E. Torbert, Jr., National City, Calif.
Application March 4, 1936, Serial No. 67,146
1 Claim. (Cl. 77—15)

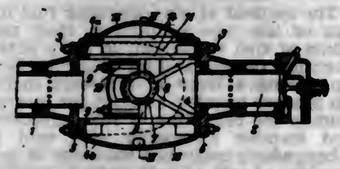


In a power drill, a tool head including a shaft housing, a shaft rotatably mounted therein and having one end portion adapted to receive rotary motion from a drive shaft, a gear housing having companion upper and lower sections, a bolt extending through the gear housing centrally thereof and having a threaded head at its lower end screwed into a threaded opening formed in the lower section, the upper end portion of said bolt being threaded and projecting outwardly through an opening in the upper section of the gear housing, a double gear loosely mounted about said bolt within the gear housing and having upper and lower beveled gears, a tubular shank extending laterally from the lower section of the gear housing and detachably connected with an end portion of said shaft housing, a shaft rotatably mounted in the shank of the lower section and having one end portion detachably connected with the shaft in the shaft housing and a beveled gear at its other end meshing with the lower beveled gear of the double gear, a tubular shank extending laterally from the upper section of the gear housing, a shaft rotatably mounted in the shank of the upper section and having tool holding means at its outer end and a beveled gear at its inner end meshing with the upper beveled gear of the double gear, a nut threaded upon the projecting end portion of said bolt, and an actuating handle formed rigid with said nut and extending radially across the upper section of the gear housing and terminating adjacent the shank of the lower section whereby the nut may be loosened to permit turning of the upper section to dispose its shank in predetermined angular relation to the shank of the lower section and the nut then again tightened to secure the upper section in the adjusted position.

2,106,938
FIREPROOFING OF WOOD
Heinrich Trumm, Carl Ciar, Paul Kühnel, and Walter Schaff, Oberhausen-Holten, Germany, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany
No Drawing. Application June 21, 1935, Serial No. 27,744. In Germany July 10, 1934
5 Claims. (Cl. 134—78.6)

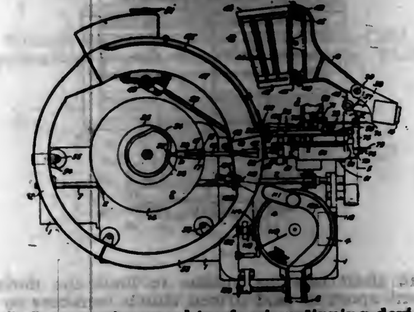
1. The process of producing a resinous fireproofing composition, which comprises acting on 1 mol. dicyandiamide with about two mols formaldehyde in the presence of about 1 mol. ammonia under the form of an ammonium salt.

2,106,939
CRANKCASE FOR INTERNAL COMBUSTION ENGINES
Karl Wilcken, Dessau-Ziebigk, Germany, assignor to Junkers Flugzeug- und Motorenwerke Aktiengesellschaft, Dessau, Germany
Application April 2, 1936, Serial No. 72,256
In Germany April 10, 1935
3 Claims. (Cl. 121—194)



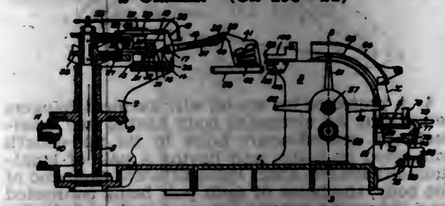
1. An internal combustion engine in which the cylinders are arranged on opposite sides of the crankshaft, comprising in combination, a crankcase forming a unitary structure having, at right angles to the crankshaft, the cross-section of an U, the legs of which extend parallel to the plane passing through the cylinder axes, a series of cylinders mounted on the bottom of said U-shaped structure and a series of cylinders mounted on the free ends of the legs of the crankcase so as to brace the legs relative to each other, crank bearings arranged on the inner side of said bottom and formed with a joint extending at right angles to the mean cylinder plane and a bearing cap for each crank bearing separately mounted in the cavity of said U-shaped structure.

2,106,940
WAXING MACHINE
Dennis Wood, Stanmore, England
Application September 21, 1936, Serial No. 101,835
In Great Britain August 30, 1935
7 Claims. (Cl. 91—46)



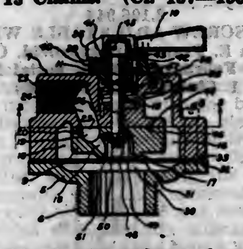
7. In a waxing machine having dipping devices mounted upon a rotary carrier, a dipping device comprising an arm pivoted on said carrier, a lever pivoted on said arm, a holder detachably mounted upon said lever, said holder consisting of a stamped metal cage adapted to receive an article to be dipped, means controlling pivotal movement of said arm for lowering and thereafter raising said holder, and other means controlling pivotal movement of said lever for tilting said holder and draining said article when raised after dipping.

2,106,941
CONVEYER
Dennis Wood, Stanmore, England
Original application September 21, 1936, Serial No. 101,835. Divided and this application March 10, 1937, Serial No. 130,180. In Great Britain August 30, 1935
2 Claims. (Cl. 198—21)



1. Means for feeding articles standing upon a conveyer belt to a machine, comprising a wheel rotatable on a horizontal axis in proximity to said belt, the plane of rotation of said wheel being perpendicular to the travel of said belt, a plurality of finger-like members secured on said wheel, said members being perpendicular to the plane of rotation of said wheel and passing upwards in turn beside said belt, means for pushing said articles one at a time laterally off said belt at a position aligned with the upward movement of said members, and a tubular guide concentric with said wheel, said guide having a continuous slot at one side for the passage of said members during rotation of said wheel, said members catching said articles as pushed off said belt and lifting them one at a time through said guide, and said articles being steadied at their upper ends by said guide while standing on said members.

2,106,942
AUTOMATIC ROTOR VALVE
Vernon D. Beehler, Evanston, and Robert D. McIntosh, River Forest, Ill., assignors to The Imperial Brass Manufacturing Company, Chicago, Ill.
Application September 10, 1934, Serial No. 743,388
13 Claims. (Cl. 137—153)



1. A combined rotor valve and pressure shut-off comprising a valve body and a rotor housed within said body, a fluid chamber within said body, a passage for fluid therethrough, a base member forming a pressure chamber separated from said body by a diaphragm, said rotor being positionable to selectively conduct gas to a plurality of outlets, said diaphragm being positionable against said passage to effect closure thereof; a handle attached to said rotor engageable in stops at predetermined positions of said rotor, a power means operable on said rotor between certain stops to effect return of said rotor to a selected position and inoperative between other stops.

2,106,943
COMPOSITION MATERIAL
Albert C. Fischer, Chicago, Ill.
Application February 15, 1932, Serial No. 593,839
Renewed July 2, 1937
17 Claims. (Cl. 154—44)

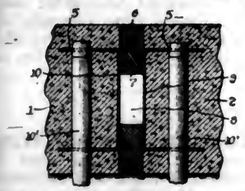


1. A laminated structure comprising juxtaposed composite sheets, each of said sheets comprising a foundation provided on one face with a series of integrally formed projecting ribs of solid rubber and intervening recesses, and sponged rubber inserted within the recesses to provide cellular mass portions.

2,106,944
PAVING
Albert C. Fischer, Chicago, Ill.
Application June 17, 1933, Serial No. 676,247
5 Claims. (Cl. 94—18)

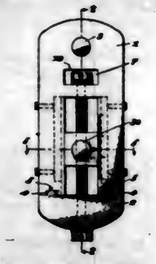
1. A paving construction comprising spaced apart expansion joint elements and paving sections having inserted therebetween an expansible joint, means embedded in the joint and in each

of the sections, and means for supporting the first



means in place while the sections are being assembled.

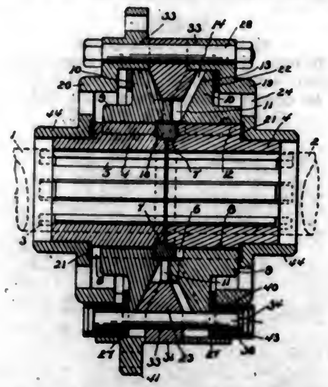
2,106,945
SLIDING SCREW ADJUSTABLE WRIST PIN
Eldon E. Francis, Bakersfield, Calif.
Application February 5, 1937, Serial No. 124,332
1 Claim. (Cl. 74—600)



In a device of the class described, the combination of an inverted substantially U-shape frame including spaced side portions, said side portions provided with elongated grooves on their inner faces, said side portions provided in their outer ends with dove-tail grooves, an end section provided with dove-tail tenons, said tenons in said dove-tail grooves, long fastening bolts extending through portions of said end section and through said dove-tail tenons and into the side portions of said frame, said frame provided in its side with a recess, said recess being formed in said frame near its upper end, a rotatable shaft extending through said end section and having its outer end extending beyond said end section, said rotatable shaft having its inner end extending into said recess, a roller bearing within said recess and on said shaft, a nut within said recess against said roller bearing and fastened on the inner end of said rotatable shaft, a roller bearing on the outer portion of said shaft and against the outer face of said end section, a nut fastened to the outer end of said shaft and against the last-mentioned roller bearing, said frame provided in its side portions with registering elongated grooves, bearing strips in said elongated grooves, adjusting screws extending through the side portions of said frame and engaging said bearing strips, a block provided with a wrist pin adjustably mounted on said rotatable shaft between the side portions of the frame, and said block provided with extensions at its sides engaging said bearing strips within said elongated grooves.

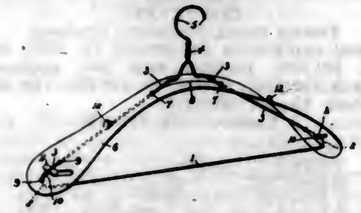
2,106,946
DIFFERENTIAL MECHANISM
Clayton E. Frederickson, Chicago, Ill.
Application March 31, 1936, Serial No. 71,945
18 Claims. (Cl. 74—389.5)

1. A differential comprising a driving clutch member having clutch teeth on its opposite sides, two driven clutch members located one at each side of said driving clutch member and having clutch teeth to mesh respectively with those of said driving clutch member, two shaft sections, means to mount said driven clutch members on said shaft sections so that said driven clutch members will turn with and be slidable along



said shaft sections, means to limit the movement apart of said driven clutch members to a distance such that only one driven clutch member at a time can be unmeshed from the driving clutch member, and including means continuously urging said driven clutch members into mesh with said driving clutch member.

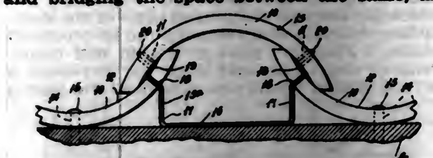
2,106,947
GARMENT HANGER ATTACHMENT
Alexander Hamilton and Charles Brock, St. Joseph, Mo.
Application February 18, 1937, Serial No. 126,487
8 Claims. (Cl. 223—88)



4. A protector for use on wire garment hangers comprising an elongated body having two longitudinally spaced-apart holes in its mid-length connected by a slit, and having a pair of longitudinally spaced-apart holes adjacent each end of the body, the holes of each pair being connected by a slit, and a tongue adjacent each end slit for purposes described, said body having longitudinally directed tongues located intermediate the end and mid pairs of holes which when bent up in use serve as stops for the shoulder straps of a garment.

2,106,948
NO SCREED TILE CLIP
Lou Harrington, San Antonio, Tex.
Application April 28, 1937, Serial No. 139,574
5 Claims. (Cl. 108—10)

1. In combination with spaced apart tiles, a clip having means frictionally engaging said tiles and bridging the space between the same, and



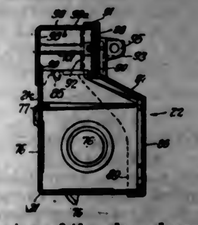
said means being in detachable engagement with tiles bridging the first mentioned tiles.

2,106,949
BREAD SLICER FEED
William Walter Hartman, Los Angeles, Calif.
Application August 24, 1936, Serial No. 97,558
27 Claims. (Cl. 146—153)



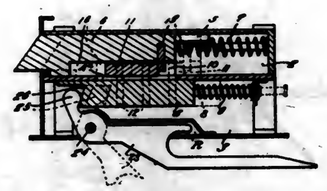
2. In combination with a slicing mechanism comprising a plurality of power driven slicing blades adapted to have a loaf moved therethrough on a given slicing level, a gravity infeed conveyor chute extending at a downward inclination and adapted to convey loaves to be sliced to a position lower than said slicing level, a movable elevator adapted to receive loaves from said chute and to positively engage the bottom of said loaves, and power driven means for moving said elevator to positively elevate the loaves to the slicing level, and a reciprocating ram for pushing a loaf elevated by said elevator through the blades of said slicing mechanism.

2,106,950
COMBINATION ENCLOSURE FOR ELECTRIC METERS AND PULL BOXES
Frederick C. Holtz, Springfield, Ill., assignor to Sangamo Electric Company, Springfield, Ill., a corporation of Illinois
Application January 19, 1935, Serial No. 2,462
24 Claims. (Cl. 247—2)



1. In apparatus of the class described, the combination of a base adapted to have an electric meter mounted thereon, a meter cover for enclosing said meter, securing means for securing said meter cover to said base adapted to be released by rotation of said cover, a pull box associated with said base, a cover for said pull box, means engaged by the pull box cover when the latter is in position for precluding rotation of said meter cover to releasing position until after said pull box cover has been removed, and means for sealing the pull box cover in position.

2,106,951
DOOR LOCK
Allan C. Hubbell, Long Beach, Calif.
Application June 10, 1936, Serial No. 84,580
4 Claims. (Cl. 70—149)

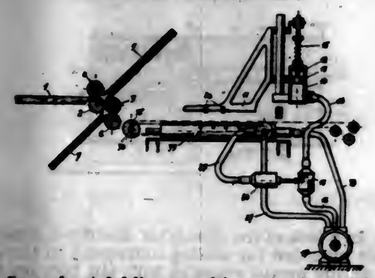


4. In a lock of the character described, a casing, a bolt mounted for sliding movement in the casing, spring means engaged with the bolt for normally projecting the latter, a block slidably mounted in the casing laterally of the bolt, said bolt being provided with a longitudinal channel and a vertical slot intersecting the channel, a vertically movable slide plate mounted in the casing and movable through said slot, said slide plate being provided with a notch aligning with the channel when the slide plate is in a lowered position, a spring device connected with the slide plate for normally urging the same to a raised position, means on said slide block and working in the channel of the bolt for engaging the slide plate when the latter is in a raised position for transmitting movement of the slide block to the bolt for retracting the latter, a handle mounted on one side of the casing, inter-engaging means on said handle and the slide plate for moving the slide plate downwardly upon rotation of said handle in one direction for placing the notch in the slide plate in alignment with said channel, whereby said bolt will be retained in projected position against retraction incidental to a sliding movement of said block, said first mentioned handle means and said bolt having inter-engaging means for retracting the bolt incidental to a movement of the handle in a reverse direction, and handle means at the second mentioned side of the casing engageable with said block for operating the latter to retract the bolt when said slide plate is in its raised position.

2,106,952
PROCESS OF PRODUCING ANHYDROUS ALKALI METAL SULPHIDES
Hermann Theodor Joseph König, Dordrecht, Netherlands, assignor to N. V. Stikstofbindingsindustrie "Nederland", a company of the Netherlands
No Drawing. Application December 27, 1933, Serial No. 704,209. In Germany December 28, 1932
14 Claims. (Cl. 23—134)

1. Process for preparing substantially pure anhydrous sodium sulphide comprising the steps of reacting on sodium carbonate at a temperature of about 600° C. with a gas mixture containing hydrogen sulphide up to about 15%, the remainder consisting of hydrogen and carbon monoxide in the proportion of about 5 to 2, eliminating from the spent gases up to 90% of the formed carbon dioxide and water vapor, adding fresh hydrogen sulphide up to the original amount and recirculating the so obtained gas mixture until the sodium carbonate is completely converted into normal sodium sulphide.

2,106,953
CROSS FOLDING MACHINE
Richard Ludewig, Leipzig, Germany
Application September 26, 1936, Serial No. 102,677
In Germany September 25, 1934
10 Claims. (Cl. 270—62)



1. In a sheet folding machine, a pair of folding rollers, means for feeding a sheet in the zone of action of said rollers, a stop for limiting the movement of said sheet, a vertically movable blade for creasing said sheet between said rollers, a suction actuated piston rigidly connected to said blade and adapted to move the same to crease said sheet, a suction line connected to the cylinder of said piston, a portion of said line being formed to provide an opening therein, and said opening being adapted to be overlaid by an edge portion of said sheet whereby to seal said opening and increase the suction in said line enough to actuate said piston.

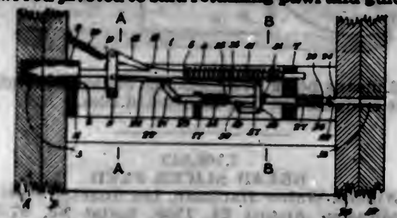
2,106,954
DOOR LATCH AND LOCK STRUCTURE
Charles E. Mace, Ottumwa, Iowa, assignor of one-half to Harold S. Vinson, Ottumwa, Iowa
Application November 2, 1936, Serial No. 108,991
7 Claims. (Cl. 70—146)



1. In a lock structure of the kind described, a support, a latch bolt slidably mounted thereon having a projecting arm, a handle having an arm extending substantially at right angles thereto, means for pivotally mounting said handle and arm to swing like a bell crank lever, a sliding bolt carried by said handle arm and adapted to coact with the arm on the latch bolt for opening the latch bolt when the sliding bolt is in retracted position and the handle is manipulated for latch opening movement.

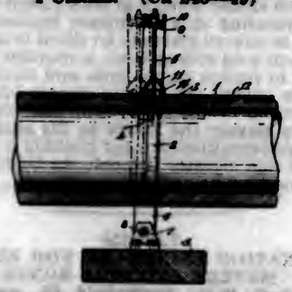
2,106,955
LOCK
Duncan Douglas McArthur Moffitt, Arapito, Westport, New Zealand, assignor to The Moffitt Automatic Lock Company Limited, Westport, New Zealand, a corporation of New Zealand
Application August 25, 1936, Serial No. 97,837
In New Zealand October 21, 1935
6 Claims. (Cl. 292—335)

1. In a latch for doors, a casing, a latch rod slidable in said casing, an engaging end to said rod, a spring normally tending to project said latch rod forwardly into engaging position, means to retract said latch rod, a releasing rod projectable through the hinged edge of the door, a spring to retain said releasing rod in projected position, a retaining pawl pivoted in said casing to engage and retain said latch rod retracted, a pawl rod pivoted to said retaining pawl and guided



in alignment with said releasing rod, means to retract said pawl rod rearwardly and operate said retaining pawl to engaging position with said latch rod, and means to disengage said retaining pawl from said latch rod when said releasing rod is moved forwardly upon the closing of the door.

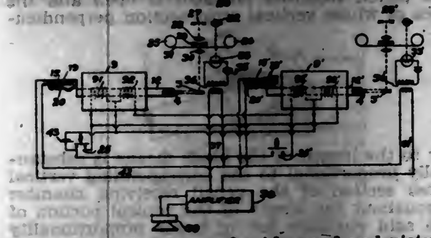
2,106,956
DEVICE FOR SUPPORTING STEAM PIPE LINES
Uhei Nakamura, Minoh-mura, Osaka, Japan
Application June 3, 1936, Serial No. 84,236
In Japan June 22, 1935
4 Claims. (Cl. 248—49)



1. A device for supporting a pipe line within a relatively confined space in order to prevent distortion of said pipe when expansion of said pipe occurs, comprising a supporting member below the pipe line, means pivotally mounted on said supporting member and extending upwardly beyond the pipe line, and means pivotally connected at one end to the upper end of said frame and at the other end to the pipe line.

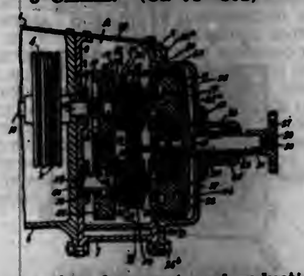
2,106,957
CHANGE-OVER FOR SOUND PICTURE APPARATUS
John F. Nielsen, Corona, Long Island, N. Y., assignor to United Research Corporation, Long Island City, N. Y., a corporation of Delaware
Application January 27, 1934, Serial No. 708,553
3 Claims. (Cl. 88—16.2)

3. Sound and picture changeover apparatus comprising a motion picture projector having a light blocking mechanism adapted to be removed and replaced, film sound record reproducing means associated with said projector comprising a light sensitive cell, an amplifier, a transformer for coupling said cell to said amplifier, a loud speaker connected to said amplifier, a second motion picture projector having a second light blocking system adapted to be removed and replaced, a second film sound record reproducing means associated with said second projector comprising a second light sensitive cell, and a second transformer for coupling said second cell to said amplifier, electrical contacts in shunt with each of said transformers, means for alternately operating said contacts and said blocking mechanism to instantaneously switch sound and picture



reproduction from one of said sound and picture reproducing means to the other thereof, said means including independent electrically actuating means for each light blocking mechanism and respective sound contacts, and means for actuating both of said electrical means simultaneously for simultaneously actuating said light blocking mechanisms and contacts for each of said picture projectors.

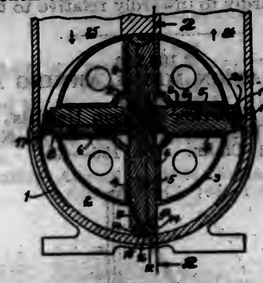
2,106,958
COMBINED MARINE GEARSET AND REDUCTION GEAR
Fred E. Pettit, Jr., Beverly Hills, Calif.
Application September 22, 1936, Serial No. 101,933
8 Claims. (Cl. 74—361)



1. In a combined gearset and reduction gear for coupling a drive shaft operating in a continuous direction to drive a driven shaft in either of two directions at a reduced speed, a bell gear secured to said driven shaft, a main driving gear and a reverse driving gear both meshed with internal teeth on said bell gear, means for mounting said main drive gear for rotation about an axis aligned with said drive shaft, a countershaft mounting said reverse driving gear for rotation about an axis parallel to the axis of said drive shaft, a gear driven by said drive shaft, an idler gear meshed with said last named gear and rotatable on said countershaft, and means for selectively coupling said drive shaft to said main drive gear, and means for selectively coupling said idler gear to said reverse drive gear.

2,106,959
POSITIVE PRESSURE COMPRESSOR
John Phillips, Oakland, Calif.
Application May 18, 1936, Serial No. 79,502
2 Claims. (Cl. 230—153)

1. In a rotary compressor having connected and reciprocating main vanes and a casing defining a compression chamber, a pressure seal shoe on the termini of said vanes and a fly vane movable on each of said main vanes and contacting each terminal shoe, a portion of said fly

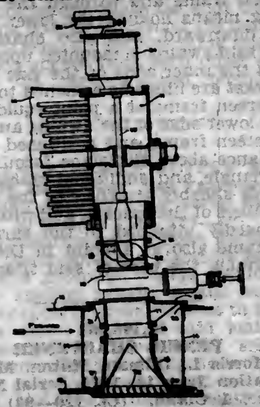


vane being exposed to chamber pressure, said portion being so shaped that pressure in said chamber will apply force to the oppositely disposed shoe.

2,106,960
PRODUCTION OF HIGHLY VISCOUS OILS
Mathias Pier and August Eisenhut, Heidelberg, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application June 12, 1935, Serial No. 26,518. In Germany June 28, 1934
6 Claims. (Cl. 196—13)

1. The process of producing a highly viscous oil which comprises subjecting a crude "high molecular paraffin wax condensation product" to extraction by means of a hydrocarbon, the critical temperature of which is below 250° C., at a temperature above 25° C., and subjecting that portion of the product which remains undissolved to extraction by means of a selective solvent other than said hydrocarbons.

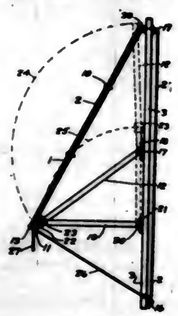
2,106,961
CONDENSER SCOOP APPARATUS
Henry F. Schmidt, Lansdowne, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application October 5, 1935, Serial No. 43,668
10 Claims. (Cl. 257—26)



1. An intake conduit for a ship comprising an intake fitting whose outboard end is disposed sub-

stantially flush with the hull of the ship, and a strainer plate disposed in said outboard end, said strainer plate comprising vanes curved and formed to change the direction of flow of water from rearwardly to inwardly relative to the ship.

2,106,962
COMBINATION METAL AWNING AND SCREEN
Joseph M. Sullivan, Jackson Heights, N. Y.
Application February 11, 1935, Serial No. 6,061
1 Claim. (Cl. 156—43)



A combination metal awning, screen and support, in which the awning portion is formed of a plurality of metal plates hingedly attached in such a manner that, as the awning is raised, the plates collapse like an accordion, and in which said plates are mounted upon a screen frame through hooks at the upper end and a bracket, with the entire bracket positioned in a triangle, in which the altitude corresponds with the screen frame, the hypotenuse with the awning, and the base with a horizontal plane extending from the lower edge of the awning, with the awning in the open position, and connecting the said lower edge to the frame, and also in which said awning is raised and lowered by a flexible strand connected to the lower edge of the awning, extending upward through an opening in the upper part of the frame and downward on the inside thereof; said device characterized in that the said flexible strand also extends from the lower edge of the awning, with the awning in the open position, downward diagonally to the lower part of the screen frame and through the said frame, providing means holding the lower edge of the awning downward, and also characterized in that the said awning is mounted upon a bracket, in which the inner ends of the side members of said bracket are hingedly attached to the surface of the screen frame at a point equidistant from both the lower edge of the awning and upper end of the screen frame, and positioned a considerable distance above the plane forming the base of the triangle, and additional braces with their outer ends slidably attached to the said former side members of the bracket, and with their inner ends hingedly attached to the surface of the screen frame also at a point in the horizontal plane forming the base of said triangle.

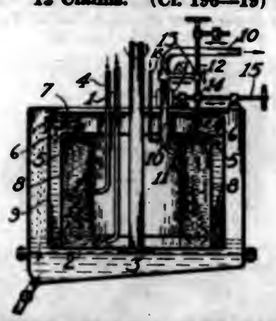
2,106,963
PENCIL SHARPENER
Morris L. Ullman, Milton, Mass.
Application June 12, 1935, Serial No. 26,203
1 Claim. (Cl. 120—93)

In a pencil sharpener, the combination of a body provided with a longitudinally disposed pencil receiving chamber, blade means parallel to and intrusive into the pencil receiving chamber, and a snugly fitting cover sheathing the said body save at its rear end and bottom and pivoted upon the said body near the mouth of the pencil receiving chamber, the said cover forming with the said body a conico-cylindrical chamber the end of which nearer the mouth of the pencil receiving chamber is open and the area of whose vertical cross-section perpendicu-



lar to the length of the blade means is substantially proportional to the corresponding vertical cross section of the pencil receiving chamber throughout the length of the conical portion of the said chamber but of lesser proportionality throughout the cylindrical portion of the said chamber, and the said cover being rotatably displaceable from the top of the said body in a direction perpendicular to the plane of the top of the said body.

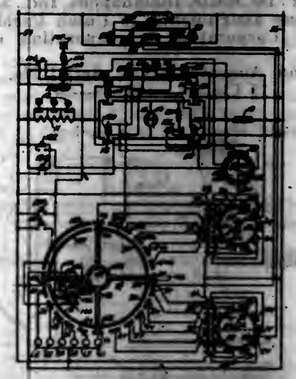
2,106,964
CENTRIFUGAL DEWAXING OF OILS
Alfred A. Wells, Roselle Park, N. J., assignor to Standard Oil Development Company, a corporation of Delaware
Application June 14, 1934, Serial No. 730,567
13 Claims. (Cl. 196—19)



2. Process for dewaxing oil comprising admixing therewith a solvent of relatively higher specific gravity having preferential solubility for oil in contact with wax, cooling the mixture to cause separation of wax as a solid phase, subjecting the cooled mixture to centrifugal force whereby a lighter waxy layer separates from a heavier oily layer containing a relatively higher content of oil and withdrawing the separated waxy layer from the whirling zone through a constricted passageway by means of its kinetic energy and without the application of force from the materials remaining in the centrifugal zone.

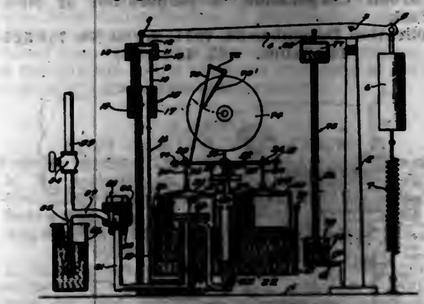
2,106,965
SCREW DOWN MOTOR CONTROLLER
David C. Wright and Harry L. Wilcox, Cleveland, Ohio, assignors to the Electric Controller & Manufacturing Company, Cleveland, Ohio, a corporation of Ohio
Application December 21, 1933, Serial No. 703,424
36 Claims. (Cl. 172—239)

3. The combination of a main motor, a control device for stopping the motor, a second motor, a second control device for stopping the second motor, a differential gear mechanism connected to both motors and to both control devices, means whereby the main motor drives the first mentioned control device through the said gear mechanism when the second motor is not running, and means whereby the second motor drives both control devices through said gear mechanism when said main motor is not running.



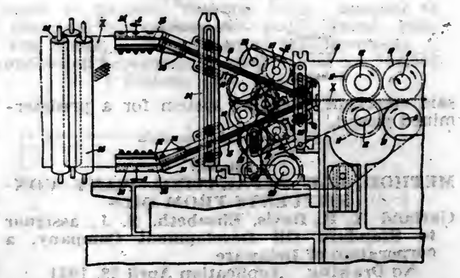
34. A screw-down motor control system for shifting the rolls of rolling mills into different adjusted positions with respect to each other and including a screw-down motor for shifting the rolls and arranged for connection to a source of electrical energy, a single control means for controlling the operation of the motor for roll shifting, scheduling means settable for predetermining concurrently a plurality of independent schedules of roll shifting by the screw-down motor, each schedule defining a plurality of adjusted roll positions in a predetermined sequence, and means for operatively associating the scheduling means with the same control means selectively with respect to said schedules for controlling the motor operations to effect the roll shifting in accordance with any selected one of the schedules and for concurrently rendering the motor irresponsive to the other schedules.

2,106,966
GAS GRAVITOMETER
George S. Binckley, Los Angeles, Calif.
Application May 6, 1935, Serial No. 20,975
5 Claims. (Cl. 265—44)



1. In a device of the character disclosed, a fulcrumed beam, a pendulum secured to said beam, means for varying the angle of the pendulum with respect to the axis of the beam, a pendulum weight, and thermostatic means between the pendulum and said weight to vary the position of the pendulum weight with reference to the fulcrum of the beam.

2,106,967
APPARATUS FOR MANUFACTURING EXPANDED METAL
Leonard W. Cress, Wheeling, W. Va., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va., a corporation of West Virginia
Application August 1, 1934, Serial No. 737,874
5 Claims. (Cl. 164—6.6)

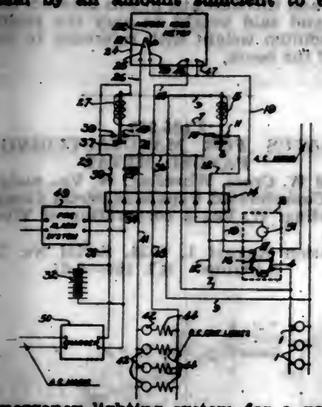


5. A mechanism for expanding a slitted blank of predetermined length having deformed selvedges, including a pair of stationary expander guides diverging from each other in a direction generally transverse the plane of the blank, the guides having grooves adapted to engage the deformed selvedges of the blank to interlock therewith and thus prevent the blank from being drawn laterally out of the guides during expansion, a pair of additional guides having grooves also adapted to engage the deformed selvedges of the blank, the additional guides being positioned beyond the divergent guides with their grooves arranged substantially parallel to each other, and means for feeding a blank through the guides including at least three sets of roller devices serially arranged along the path of movement of the blank, one set being positioned in advance of the entrance ends of the divergent guides, another set being associated with a divergent guide intermediate the ends thereof, and a third being positioned beyond the delivery ends of said additional guides, the three sets of roller devices being spaced from each other a distance less than the predetermined length of the blank.

2,106,968
EMERGENCY POWER SUPPLY SYSTEM
Joseph M. Dannheiser, San Francisco, Calif.
Application April 27, 1936, Serial No. 76,591
10 Claims. (Cl. 171—97)

1. In combination with a main lighting system and main power source, a stand-by battery system having a minimum charge requirement, an emergency lighting system, means for connecting said emergency lighting system to said stand-by battery upon failure of said main lighting source, means for disconnecting said battery from said emergency lighting system upon approaching said minimum stand-by charge requirement, and means for automatically maintaining said battery at a charge greater than said

minimum by an amount sufficient to energize



said emergency lighting system for a predetermined period.

2,106,969

METHOD FOR SEPARATING WAXY CONSTITUENTS FROM OILS

Garland H. B. Davis, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application April 28, 1934, Serial No. 722,965

9 Claims. (Cl. 196—19)

5. In the art of dewaxing wax-containing oils involving separation of wax from oil, the step of preparing the oil for separation of wax therefrom, which comprises adding thereto a heavy hydrocarbon distillate comprising high boiling fractions obtained by distilling hydrocarbon residues until they become substantially solid.

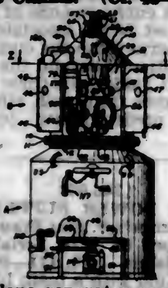
2,106,970

ACETYLENE GENERATOR

Maurice P. De Motte and Clarence H. Baker, Indianapolis, Ind., assignors, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application August 14, 1934, Serial No. 739,731

20 Claims. (Cl. 48—38)



1. An acetylene generator comprising an outer wall forming a gas chamber, said wall having a recess in one side thereof forming another chamber outside of said gas chamber and accessible from the exterior of said generator; and generator and gas control devices secured in said recess within the general outline of said wall.

15. An acetylene generator comprising a lower portion in operative relation to an upper portion; a charging platform rigidly secured to said lower portion; and means to facilitate opening said generator comprising a plurality of hinges operatively connecting said portions adjacent said platform so that said upper portion will rest on said platform when swung to open position.

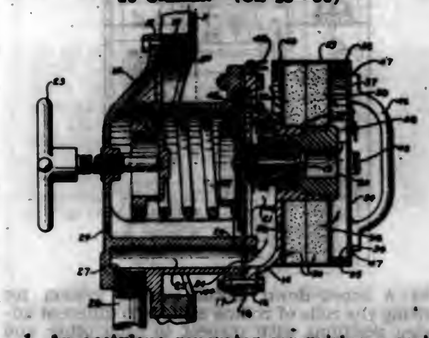
2,106,971

ACETYLENE GENERATOR

Maurice P. De Motte, Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application August 2, 1934, Serial No. 738,099

13 Claims. (Cl. 48—56)



1. An acetylene generator comprising a casing enclosing a gas generating chamber, said casing including a wall having a hole therethrough opening into said chamber; a gas delivery conduit extending through said hole into said chamber, adapted to communicate with said chamber and to convey acetylene gas therefrom to a gas distributing device; and mechanism responsive to pressure within said delivery conduit for controlling the flow of gas from said chamber into said conduit, said conduit passing through said pressure-responsive mechanism, said mechanism being enclosed within a housing, the major portion of which is disposed within said chamber, said mechanism, housing and conduit being removably mounted on said wall and removable as a unit from said chamber through said hole.

2,106,972

ACETYLENE GENERATOR

Maurice P. De Motte, Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application December 26, 1934, Serial No. 759,515

16 Claims. (Cl. 48—53.3)



1. An acetylene generator comprising an outer casing adapted to contain a partial filling of water; a carbide hopper in the upper portion of said

casing having an outlet opening above the surface of said water; an annular drip flange rigidly secured to said hopper around and below said outlet opening, said flange being provided with an interior annular recess; an annular valve seat of relatively soft rubber within said flange around said outlet opening and backed up throughout the extent of its annular surface by a rigid support; means for securing said valve seat within said drip flange comprising a relatively rigid annular retaining plate within said drip flange below said valve seat, and a spring ring between said plate and the lower wall of said recess; a movable mushroom-type carbide valve adapted to cooperate with said valve seat and form a fluid-tight closure for said outlet; and means for operating said valve to feed carbide from said hopper into said water.

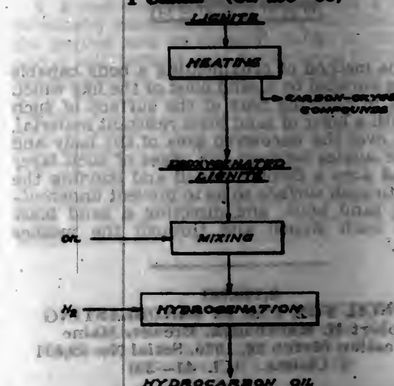
2,106,973

HYDROGENATION OF HIGH OXYGEN COAL

Carleton Ellis, Montclair, N. J., assignor to Standard-I. G. Company

No Drawing. Application April 13, 1931, Serial No. 529,597

1 Claim. (Cl. 196—53)



Process of liquefying lignite to form useful liquid hydrocarbon oils, which comprises rapidly heating the lignite in the absence of added reducing gases and at approximately atmospheric pressure to a temperature at least in the lower part of the range normally used for carbonization, maintaining the lignite at this temperature for a time sufficient to remove oxygen combined with carbon of said lignite and insufficient to cause appreciable carbonization or liquefaction of the lignite, incorporating the decomposed non-carbonized material with a pasting oil, and subjecting the mixture to the action of hydrogen at high temperature and under high pressure.

2,106,974

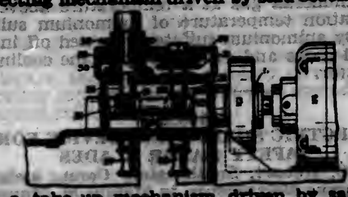
FILM DRIVING MECHANISM

Edwin L. Fischer, Jackson Heights, Long Island, N. Y., assignor to United Research Corporation, Long Island City, N. Y., a corporation of Delaware

Application July 10, 1935, Serial No. 30,755

6 Claims. (Cl. 88—18.6)

1. In a system for the projection of talking motion pictures, the combination of a motor, a shaft driven by said motor, a plurality of counter-shafts driven from said motor shaft, a gear driven by one of said counter-shafts, a second gear concentric with a second counter-shaft and intermeshed with said first gear, intermittent picture projecting mechanism driven by said second gear,



and a take-up mechanism driven by said first gear.

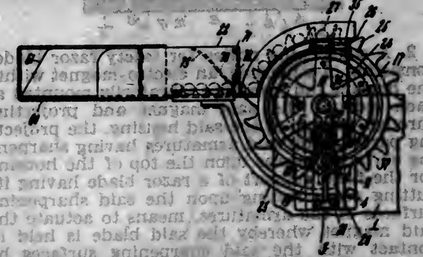
2,106,975

ARTICLE FEEDING AND PACKAGING MECHANISM

Joseph N. Francis, Woburn, Mass., assignor to Standard Coin Wrapper, Incorporated, Boston, Mass., a corporation of Massachusetts

Application September 18, 1934, Serial No. 744,545

7 Claims. (Cl. 226—2)



1. A mechanism of the class described, comprising a chute, a wheel having a plane of rotation substantially in the axis of said chute and projecting above the bottom of said chute, said wheel having peripheral teeth defining between them article receiving spaces from which articles are fed to said chute as said wheel is rotated, means for feeding articles successively into said spaces above the bottom of said chute in a direction transverse to the plane of rotation of said wheel, an abutment on one side of said wheel forming a stop against which the articles so fed may impinge, and inclined toward said wheel adjacent to said chute, means for rotating said wheel, and means cooperating with said abutment on the other side of said wheel to position said articles laterally of said wheel.

4. A mechanism of the class described, comprising a chute shaped to enter and support a carton for packaging articles, means for feeding articles of small heightwise dimension relative to said carton successively along the bottom of said chute into said carton, and a plate hinged to the upper portion of said chute and free to swing on its hinge axis and inclined downwardly and in the direction of passage of articles therein toward said carton, said plate having an upward extension from its lower portion inclined toward said carton in position to direct said articles into said carton in superposed relation.

2,106,976

NEUTRALIZATION OF ACID TREATED OIL

John McArthur Harris, Jr. and Norman F. Black, Baton Rouge, La., assignors to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application December 17, 1935, Serial No. 54,950

4 Claims. (Cl. 196—41)

1. A process for neutralizing sulfuric acid treated lubricating oil which comprises blowing the oil

with ammonia gas at a temperature above the sublimation temperature of ammonium sulfate, whereby ammonium sulfate is carried off in the evolved gases and deposited upon the cooling of the latter.

2,106,977
ELECTRIC SHARPENING DEVICE FOR SAFETY RAZOR BLADES
Louis C. Hobart, Southington, Conn., assignor, by mesne assignments, to Marcus M. Munelli
Application April 5, 1932, Serial No. 604,513
5 Claims. (Cl. 51—58)



2. A sharpening device for safety razor blades consisting of a housing, an electro-magnet within the housing, an armature vibratorily mounted at each side of the said magnet and projecting through the top of the said housing, the projecting parts of the said armatures having sharpening surfaces, means upon the top of the housing for the fixed support of a razor blade having its cutting edges resting upon the said sharpening surfaces of the armatures, means to actuate the said magnet whereby the said blade is held in contact with the said sharpening surfaces by magnetism and the armatures vibrated, so as to cause a reciprocating rubbing action between the edges of the blade and the sharpening surfaces.

2,106,978
WOOD PRESERVATIVE COMPOSITION
Sonfi Kameeam, New Forest, Dehra Dun, British India
No Drawing. Application April 12, 1934, Serial No. 720,248. In India April 27, 1933
3 Claims. (Cl. 134—78.6)

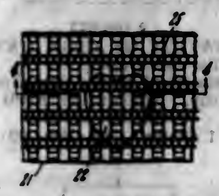
1. A wood preservative consisting of about 3 parts by weight of a copper sulphate, about 1 part by weight of a water-soluble arsenate, and about 3–5 parts by weight of an alkali dichromate.

2,106,979
PROTECTION OF BODIES FOR SANDBLASTING ORNAMENTATION
Robert H. Kavanaugh, Brewer, Maine
Application March 20, 1936, Serial No. 69,849
13 Claims. (Cl. 41—39)



3. The method of preparing a body for sand blast ornamentation which consists in spreading over the surface to be ornamented of such body a coating of material in liquid suspension or solution, which material has the capacity of coalescing into a substantially continuous coherent film upon drying of the liquid vehicle, and of then remaining in adherent connection with the surface to which it has been applied, with an adhesive bond of less strength than its coherent strength, and applying and adhesively connecting to such film a stencil sheet or layer of sand blast resistant material.

2,106,980
METHOD FOR SANDBLAST ORNAMENTATION
Robert H. Kavanaugh, Brewer, Maine
Application March 20, 1936, Serial No. 69,850
3 Claims. (Cl. 41—39)



1. The method of ornamenting a body capable of being abraded by a sand blast or the like which consists in covering part of the surface of such body with a layer of sand blast resistant material, placing over the uncovered area of the body and into the angles between the edges of such layer and said area a flexible stencil and bonding the stencil to such surface so as to prevent undercutting by sand blast, and directing a sand blast against such stencil and through the meshes thereof.

2,106,981
STENCIL FOR USE IN SANDBLASTING
Robert H. Kavanaugh, Brewer, Maine
Application March 20, 1936, Serial No. 69,851
3 Claims. (Cl. 41—39)



1. A lace stencil impregnated with sand blast resistant material and having one or more masks of sand blast resistant material united to its structure over a limited area of such structure.

2,106,982
GALVANIZING FLUX
Raymond J. Kepfer, Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 14, 1934, Serial No. 752,942
7 Claims. (Cl. 91—70.2)

3. As a new manufacture, a prepared foaming galvanizing flux composition for use on a galvanizing bath of molten metal, comprising about one-half to two per cent of triethanolamine and a chloride flux selected from the group consisting of zinc chloride, ammonium chloride, and zinc ammonium chloride.

2,106,983
WOOD PRESERVATIVE
Kenneth H. Klipstein, Short Hills, N. J., assignor to Calco Chemical Co., Inc., Bound Brook, N. J., a corporation of Delaware
No Drawing. Application February 27, 1937, Serial No. 128,137
1 Claim. (Cl. 167—33)

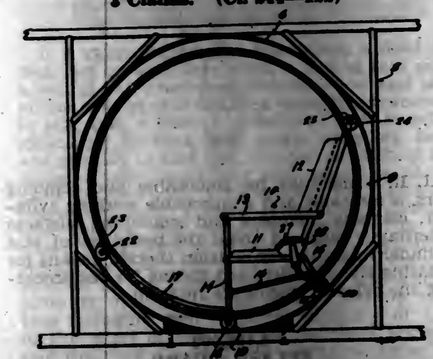
An insecticidal composition comprising a volatile petroleum solvent, betanaphthol and diacetone alcohol.

2,106,984
IMPROVED NUT
Anthony George Maldon Michell, Melbourne, Australia
Application July 18, 1935, Serial No. 31,961
In Great Britain June 13, 1935
7 Claims. (Cl. 85—32)



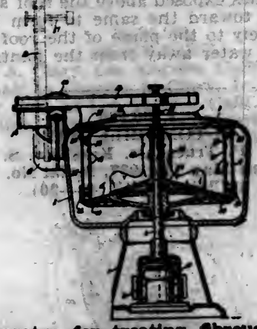
3. A nut comprising a core having a circumferentially continuous internally threaded conoidal portion and an integral flange at the larger end of said portion, said flange being formed with circumferential salliences, a separately formed shell surrounding the core, circumferentially spaced from its conoidal portion and constructed with a recess having niches corresponding with said salliences, the base of said recess forming a seat for supporting the flange of the core, a recess at the lower end of the shell forming a shoulder, and said core being permanently attached to the shell by having its lower end expanded into the latter recess under said shoulder.

2,106,985
AEROPLANE SEAT STRUCTURE
Robert C. Miller, Unionstown, Pa.
Application July 1, 1936, Serial No. 88,483
3 Claims. (Cl. 244—122)



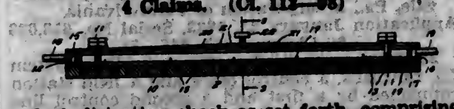
3. A seating structure for aeroplanes comprising a cylindrical casing having its edges bent to form opposed internal trackways provided with closed outer sides, respectively, a chair arranged in said casing, means for supporting said chair comprising pairs of opposed rollers rotatively mounted on said chair to run in said trackways, the rollers of one pair being laterally separable for frictional engagement with the closed sides of their respective trackways, a lever on one side of said chair adjustable into different set positions, and means operative by said lever to separate said separable roller in different degrees in different set positions of said lever, whereby variable braking pressures are selectively obtained between said separable rollers and their respective trackways, and including a rotary spreader, and operating connections between said spreader and separable rollers.

2,106,986
APPARATUS FOR TREATING FIBROUS WASTE FOR JOURNAL BOX USE
Edwin S. Pearce, Indianapolis, Ind., assignor to Railway Service & Supply Corporation, Indianapolis, Ind., a corporation of Indiana
Application January 9, 1934, Serial No. 705,917
7 Claims. (Cl. 68—23)



4. Apparatus for treating fibrous waste for journal box use, comprising a stationary casing, a rotatable shaft in said casing, a work-receiving basket structure arranged within said casing and mounted on said shaft for rotation therewith, said basket structure having spaced peripheral walls, the outer one of which is constructed and arranged to retain oil when stationary and the inner one of which is of perforate form, said outer peripheral wall being arranged for discharge of oil therefrom when in rotation, agitating means arranged in said basket structure for rotary movement about said shaft and on which agitating means work may be placed, means for effecting rotary movement of said agitating means about said shaft, and means for rotating said shaft and hence said basket structure.

2,106,987
DISTORTION CHECK FOR WELDING APPARATUS
Lawrence C. Powell, Portsmouth, Va.
Application December 22, 1936, Serial No. 117,239
4 Claims. (Cl. 113—98)



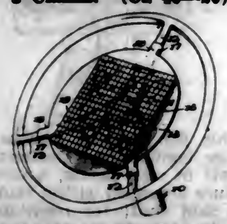
1. A distortion check as set forth, comprising a bed adapted to receive a pair of articles to be welded together, an article clamping bar provided with an elongated slot therein, means for clamping the bar on to the bed, a second slotted bar engaging the outer side of said first bar and engageable beneath the clamping means of said first bar adjacent the ends thereof, and threaded means carried by said second bar and engageable with the first bar intermediate the ends thereof to hold said first bar against longitudinal bending.

2,106,868
CAR ROOF STRUCTURE
John J. Tatum, Baltimore, Md.
Application January 6, 1936, Serial No. 57,813
4 Claims. (Cl. 105—5.4)



1. In a car roof structure, side walls, roof sheets extending side by side transversely of the roof and having downturned edges secured to the side walls, and carlines of inverted V-form projecting upwardly above the level of the roof between and rigidly secured to and underlying the juxtaposed edges of the adjacent sheets to unite said sheets, each carline presenting an apex portion and sides exposed above the roof sheets and converging toward the same to form baffles inclined acutely to the plane of the roof sheets to direct rain water away from the joints between the sheets.

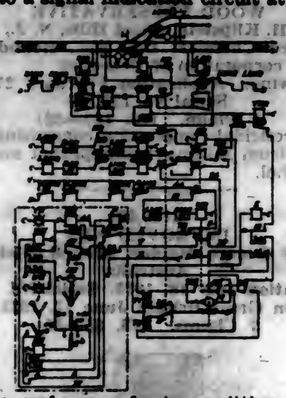
2,106,869
AUTOMOBILE MAP
Jesse P. Truesdale, Kershaw, S. C.
Application May 11, 1937, Serial No. 142,951
2 Claims. (Cl. 40—26)



2. The combination with the steering wheel of a vehicle including a rim and spokes, and a horn button disposed centrally of the steering wheel, of a substantially circular flexible sheet having a map thereon, said flexible sheet being applied to the upper side of the steering wheel and covering the button, said sheet having a smaller diameter than the rim and arranged in substantial concentric relation to the rim for providing a space between the rim and the edge of the sheet, radial arms carried by the sheet and arranged upon the spokes, and means to attach the radial arms to the spokes.

2,106,900
REMOTE CONTROL SYSTEM
Harry C. Vandeusal, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application January 23, 1933, Serial No. 653,023
26 Claims. (Cl. 246—3)

23. In a centralized traffic controlling system for railroads, a control office and a field station connected by a first and a second control line wire, a switch control lever and a signal control lever at said office, a track switch and associated signals at said station, means responsive to the operation of said switch control lever for controlling the operation of said track switch over said first control line wire, means responsive to the operation of said signal control lever for controlling the operation of said signals over said second control line wire, a relay directly responsive to the operation of said signal lever and energizable independently of said line wires for transferring said first line wire from a switch control to a signal indication circuit at said control office, and means for transmitting signal indications over said first line wire.



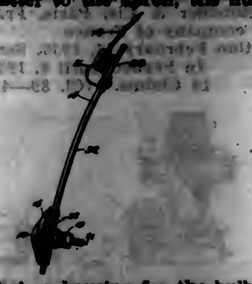
2,106,901
MACHINE FOR SMOOTHING AND COMBING SKINS AND THE LIKE
Alexander Wilhelm, Budapest, Hungary, assignor to the firm Pannonia Bőrnyújtógyárosnemesítő és Kereskedelmi r. t., Ujpest, Hungary, a company of Hungary
Application July 25, 1936, Serial No. 92,525
In Hungary October 8, 1935
4 Claims. (Cl. 149—24)

1. In a machine for smoothing and combing furs, a rotatable and reciprocable working cylinder, combing members and smoothing surfaces alternately disposed about the periphery of said cylinder in stationary relation thereto, means for rotating the cylinder, and means for reciprocating the cylinder during its rotation.

2,106,902
SPLASH GUARD
Gustave F. Bahr, Fairfield, Conn., assignor to Casco Products Corporation, Bridgeport, Conn., a corporation of Connecticut
Application October 12, 1936, Serial No. 105,164
6 Claims. (Cl. 240—8.1)

1. In a splash guard, an apron having an aperture therein; an electrical socket carried in the aperture of the apron, said socket having an outer metal shell in circuit therewith, the shell having an open end passing through the apron aperture and being projected therebeyond and having an external thread on the thus projected

part thereof, the shell also having an external shoulder at the base of the apron; an electric lamp carried by the socket in the open end of the shell; a nut at the front of the apron and screwed on the threaded portion of the shell for securing the latter to the apron, the nut being



formed to include a housing for the bulb of the lamp including a substantially cylindrical wall around said bulb extending beyond the tip of the same; a connection plate electrically connected with the shell and held thereby against the apron, for conducting current to the bulb; and means connected with the socket for conducting current from the bulb.

2,106,903
GAUGE
Ralph E. Bestic, Los Angeles, Calif.
Application March 9, 1936, Serial No. 67,887
3 Claims. (Cl. 33—147)

1. A gauge including a base plate, a fixed jaw mounted on said base plate, a slot in said plate, a pair of angle members secured below said plate at the ends of said slot and extending transverse to said slot, a pair of cylindrical slide members extending between said angle members below and parallel to said slot, a slider on each of said slides, a yoke connecting said sliders, a pair of arms on said yoke, a cylindrical post extending below said plate, a collar rotatively mounted on said post, a ring rotatively mounted on said collar, a dial secured to said collar, a second dial secured to said ring, a pair of flexible members secured to and extending between said arms, a plurality of loops in one of said flexible members engaging said collar, a plurality of loops in the other of said flexible members engaging said ring, and a second jaw positioned above said plate, said second jaw member having a portion thereof extending through said slot and secured to said yoke.

2,106,904
PHYSICAL EXERCISER
Arthur William Chapman, London, England
Application April 1, 1937, Serial No. 134,430
In Great Britain April 15, 1936
6 Claims. (Cl. 272—97)

1. A physical exercising device comprising tubes arranged as a telescopic system, a spring housed therein to extend the system, and grips mounted on the opposite ends of the system to facilitate



compression thereof, and screw means for adjusting the spring by rotating an element associated with one of said grips.

2,106,905
HEADLIGHT
Charles A. Clary, Los Angeles, Calif., assignor of one-half to Charles A. Clary, Jr., and Pauline Baker, both of Los Angeles, Calif.
Application November 5, 1935, Serial No. 48,827
1 Claim. (Cl. 240—41.1)



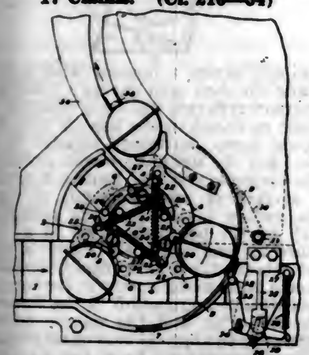
A headlight having a housing with a shell, the housing and the shell each having a window opening, a primary reflector having a concave reflecting surface mounted in the base of the shell, an illuminating lamp positioned relative to the reflector to have the light therefrom reflected to a focus, the secondary mirror having a concave reflecting surface of greater radius of curvature than the radius of the primary reflector, said secondary mirror being mounted in a frame, a link connecting one side of the frame to the shell, a bracket attached to a substantially opposite side of the frame and having a tongue, the tongue having an adjustable connection to the housing, the shell, the reflector and the mirror being positioned whereby the optical axis of an incident ray on the secondary mirror from the lamp and the primary reflector and the optical axis of the reflected ray from the secondary mirror form an acute angle and also whereby the optical axis of reflected ray is inclined downwardly relatively to the horizontal, the illumination from the said lamp being adapted to project a cone of light rays adapted to form on a horizontal road surface located below the primary reflector substantially oval in outline with the long axis of the plane of the optical axes of the said incident and reflected rays, the distance between the primary reflector and the mirror being such that secondary unfocused light rays from the primary reflector and from the inside of the shell illuminate the secondary mirror whereby the secondary illumination from the said mirror appears to an observer having his eyes outside of the cone of rays forming the elliptical pattern, as a non-glare illumination.

2,106,996
BOTTOM TUBING PLUG FOR OIL WELLS
William K. Edwards, Big Spring, Tex.
Application May 3, 1937, Serial No. 140,551
6 Claims. (Cl. 166—13)



1. A bottom tubing plug for oil wells comprising a disk having its upper face ground to form a tight joint with the seat in a tubing section, said device provided with a peripheral groove, and a resilient expansion ring seated in the groove and arranged to frictionally engage a groove within the tubing section.

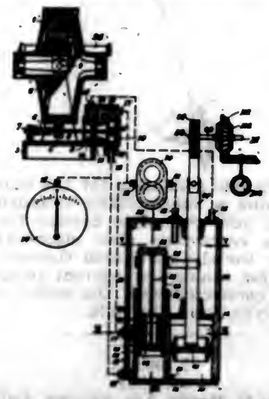
2,106,997
BOTTLE LABELING MACHINE
James O. Fenner, Worcester, Mass., assignor to Economic Machinery Company, Worcester, Mass., a corporation of Massachusetts
Application July 11, 1933, Serial No. 679,959
17 Claims. (Cl. 216—54)



2. In a labeling machine including a labeler and means for feeding articles thereinto, the combination of an article feeding mechanism to present the articles to said labeler, means associated with the article feeding mechanism for successively arranging the articles in a definite and uniform facial position and means for retaining the set position of the articles for presentation to said labeler.

14. A labeling machine comprising a table rotatable about a vertical axis, brackets mounted on the upper surface of the table, a gripping device pivotally mounted on the table adjacent to each bracket, each gripping device being adapted to clamp an article against the corresponding bracket, and mechanism for swinging the gripping devices about their pivots and into engagement with the articles for holding the articles in position for presentation to a labeling operation.

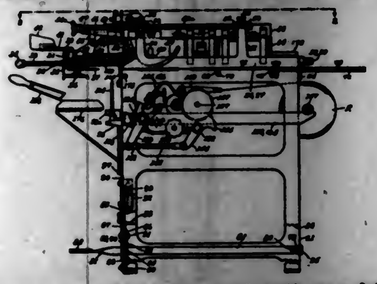
2,106,998
TACHYMETRIC CORRECTING DEVICE, MORE PARTICULARLY FOR USE IN CONNECTION WITH SIGHTING APPARATUS FOR ARTILLERY
Jean Fleux, Paris, France, assignor of one-half to Schneider & Cie, Paris, France, a joint-stock company of France
Application February 14, 1936, Serial No. 63,934
In France April 4, 1935
14 Claims. (Cl. 89—41)



1. A tachymetric correcting device for use in gunnery fire control systems in combination with a target observing telescope and an element of the gun laying mechanism whose position is to be corrected to compensate for the probable change of position of the target during the time of flight of the projectile, comprising a suspension frame operatively connected with the observing telescope to move therewith at least in azimuth, a gyroscope having its casing pivotally mounted in said suspension frame on an axis at right angles to the axis of rotation of the gyroscope rotor, a fluid operated servo-motor device operatively connected to the element whose position is to be corrected, means controlling the supply of fluid to said servo-motor device including a movable member subjected on one side to the pressure of the fluid supplied to said controlling means, and means for transmitting to the other side of said member the thrust exerted by said gyroscope casing in attempting to precess about its pivotal axis in said suspension frame upon movement of said frame in azimuth.

2,106,999
HAND OPERATED WRAPPING MACHINE
Henry Ernest Goerke, Floral Park, and Gustave Adolph Bystrom and Harry William Schmale, Brooklyn, N. Y., assignors to American Machine & Foundry Company, a corporation of New Jersey
Application May 5, 1934, Serial No. 724,150
20 Claims. (Cl. 93—2)

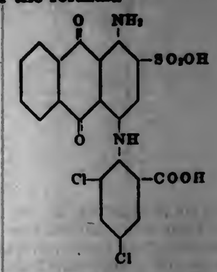
1. In a hand operated wrapping machine, the combination with manually operable means for drawing a web of wrapping material from a roll and severing a wrapper from the web, of devices for supporting the severed wrapper in a horizontal position, spaced swingable tuckers above said devices, a manually operable lifter arranged to move an article upwardly between said devices and tuckers to drape the wrapper about three sides of the article and tuck the wrapper down over the ends of the article, a manually operable horisontally movable slide, a bottom folder and a pair of spaced end folders on said slide adapted when moved toward the article while said lifter is in an elevated position to fold one end of the wrapper under the bottom of the article and fold the forward side flaps of the wrapper over said tuckers, respectively, a heated sealer table arranged to wipe the skirt of the wrapper under the bottom of the partially wrapped article when the latter is pushed thereover and heat seal the



bottom seam so formed, spaced stationary folders on said table adapted to complete the folding of the end flaps of the partially wrapped article when the latter is pushed therebetween, a pusher on said slide adapted to advance the partially wrapped article onto said table and between said stationary folders, spaced cam rails on said pusher adapted to lift said tuckers up from the partially wrapped article, sealing plates beyond said stationary folders to heat seal the overlapped end flaps of the wrapper, and cooling plates beyond said sealing plates.

2,107,000
ACID WOOL DYESTUFFS OF THE ANTHRAQUINONE SERIES
Richard Hilpert, Frankfort-on-the-Main-Hoechst, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application July 28, 1936, Serial No. 93,122. In Germany August 14, 1935
1 Claim. (Cl. 260—99)

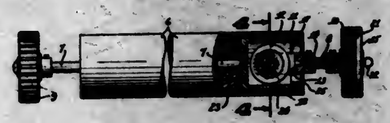
The members of the group consisting of the compound of the formula



and the alkali metal salts thereof.

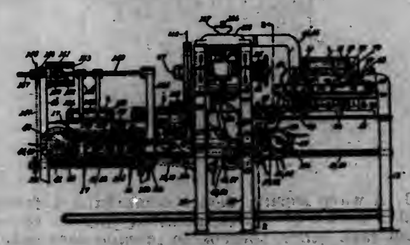
2,107,001
ERASER HOLDER FOR TYPEWRITERS
Charles G. Hurrie, San Francisco, Calif.
Application May 17, 1937, Serial No. 142,971
7 Claims. (Cl. 197—161)

1. In a typewriter having a platen assembly including a roller and a knob for rotating said roller, said assembly having a concealed interior chamber, and a passage extending therefrom to the outer end face of said knob, a rotatable reel mounted in said chamber, a flexible connecting member wound upon said reel and extending through said passage, an eraser connected with



the exterior end of said flexible member, a spring connected with said reel, said spring being tightened by the unwinding of said flexible member and acting to re-wind the same upon said reel, the eraser being yieldably held by said flexible member and said spring in an accessible position adjacent the end face of said knob.

2,107,002
HELICAL SINGLE KNIFE TYPE BREAD SLICER
Thormod Jensen, Laurelton, and Anton Van Veen, Brooklyn, N. Y., assignors to American Machine & Foundry Company, a corporation of New Jersey
Application February 27, 1934, Serial No. 713,174
9 Claims. (Cl. 146—95)



1. In a bread slicing machine, the combination with a helical knife, of means for rotating said knife, a table beneath said knife, mechanism for continuously advancing a loaf lengthwise of said table and across the path of said knife, a guide on the table arranged to bear against one side of the advancing loaf, and a stationary ledger plate arranged to engage the other side of said loaf and having an inclined edge along which the cutting edge of said knife moves while cutting a slice from the loaf, the inner face of said ledger plate being grooved lengthwise from its inclined edge to provide ridges adapted to press into the advancing loaf and hold it down on said table, said knife rotating in a direction to move the lower edge of said knife against said ledger plate.

2,107,003
GARMENT PROTECTOR FOR GARMENT HANGERS
Allen M. Johnson, Greenfield, Ohio
Application July 24, 1936, Serial No. 92,377
3 Claims. (Cl. 223—93)

1. A device of the character described comprising a strip of resilient material having a central slot therein for engaging a hook portion of a suspension member, and a plurality of centrally converging slits intermediate the ends thereof, and having a slit at each of the opposite ends

thereof which makes a series of alternating



angles to form tabs in the strip for engaging the suspension member.

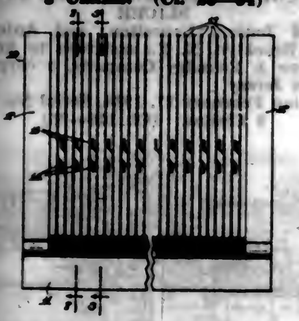
2,107,004

DEVICE FOR WARP LEASING

Frank H. Kaufmann, Elkins Park, Pa., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania

Application April 20, 1937, Serial No. 137,926

8 Claims. (Cl. 28—54)



1. A warp leasing device comprising a frame, and a series of dents mounted therein spaced from each other, thereby to provide dent spaces in which the warp is located, said dents being arranged in pairs, one dent of each pair having a hook open in one direction and the other dent of each pair having a hook open in the other direction.

2,107,005

CELLULOSE ETHER RECOVERY

Walter J. Le Fevre and Joseph W. Britton, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan

No Drawing. Application February 5, 1937, Serial No. 124,262

7 Claims. (Cl. 260—152)

1. The process which consists in etherifying an alkali cellulose with an excess of a lower alkyl halide in a closed reactor, thereafter employing the pressure of the remaining volatile reactants to effect a complete discharge of the reactor content when pressure thereon is released, and leading the discharged reactants and product into a body of water, the temperature of which is substantially below the boiling point of the alkyl halide.

2,107,006

APPARATUS FOR TREATING DEPLETED OIL SANDS

William E. Lang, Lexington, Ky.

Application May 1, 1936, Serial No. 77,413

7 Claims. (Cl. 166—1)

1. A pressure packer, adapted for use in oil wells, having a chamber therein and means for connecting the chamber to a well tubing, passage means for conducting fluid under pressure between the chamber and the exterior of the packer at a short intermediate portion only thereof, mechanical means adapted to releasably press and seal the packer against a well wall at each side of



said intermediate portion to prevent flow of fluid under pressure lengthwise along the exterior of the packer and restrict flow of fluid to that passing between said intermediate portion of the packer and the directly surrounding well wall, thereby permitting fluid to be forced into or withdrawn under pressure from a portion only of an oil sand exposed in a well.

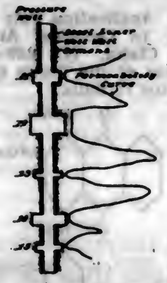
2,107,007

METHOD OF INCREASING RECOVERY FROM OIL SANDS

William E. Lang, Lexington, Ky.

Application December 15, 1936, Serial No. 115,996

12 Claims. (Cl. 166—21)



1. A method of pressuring an oil sand having a plurality of associated productive stratums of different permeabilities exposed in a pressure well, comprising injecting a pressure fluid under pressure directly from the well into one or more stratums of relatively low permeability without making an injection into the stratums of relatively high permeability, so that pressure fluid can enter the latter stratums only after diffusion through and from sand of lower permeability, whereby oil from the stratums of low permeability is forced into the stratums of high permeability and increases the percentage of saturation thereof, promoting uniformity of recovery and maximum production from the entire sand.

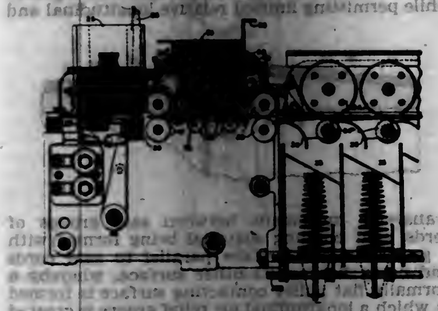
2,107,008

SIGNING DEVICE

William W. Lasher, Jr., Brooklyn, N. Y.

Application February 6, 1935, Serial No. 5,219

9 Claims. (Cl. 209—119)



1. In combination, a reciprocating sensing means comprising a plurality of contact pins each having an inner member and an outer member, both of said members being movable with respect to each other, electric circuits; and means for connecting the inner members in series and the outer members in parallel in said circuit.

2,107,009

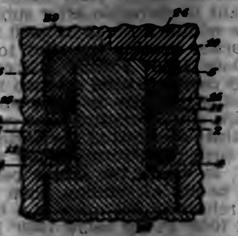
APPARATUS FOR MOLDING STRUT PISTONS

Ernst Mahle, Stuttgart, Germany

Application June 24, 1935, Serial No. 28,524

In Germany June 27, 1934

6 Claims. (Cl. 22—58)



2. Apparatus for molding pistons having preformed metal inserts which comprises, an outer metal mold shell formed in two parts, and a one-piece extractable metal core, which carries formations homogeneous therewith for holding inserts, said core being shaped to give the piston its internal form.

2,107,010

SMOKING STAND AND ACCESSORIES THEREFOR

Edward F. McDonald, Buffalo, N. Y., assignor to Faries Manufacturing Company, Decatur, Ill.

Original application November 23, 1931, Serial No. 576,982. Divided and this application April 6, 1933, Serial No. 664,758

8 Claims. (Cl. 131—51)

3. In a portable smokers' stand, an upright tubular standard, a closure plate at the upper end of said standard and having an opening therethrough, a waste receptacle disposed within said standard and having an upper funnel portion releasably secured to the walls of said opening, a handle secured to the funnel, a tray having a central aperture, the walls of said aperture releasably engaging said closure plate and supported thereby.



2,107,011

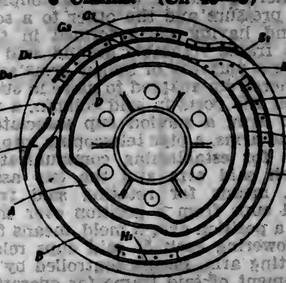
MACHINE FOR MAKING HOLLOW GLASSWARE

Thomas Courtney Moorhead and Edgar Philip Dorman, Strand, London, England, assignors, by mesne assignments, to Ball Brothers Company, Muncie, Ind., a corporation of Indiana

Application August 15, 1933, Serial No. 685,269

In Great Britain August 1, 1933

6 Claims. (Cl. 49—6)



5. In a glass shaping machine, a cam plate, a substantially circular guide rail mounted on the operative face of said plate and defining the inner wall of an inner cam track, a second guide rail substantially concentric therewith mounted on the operative face of said plate and defining the inner wall of an outer cam track, an eccentric guide rail connecting the first-mentioned guide rail with the second guide rail to connect the inner cam track with the outer cam track, said first-mentioned and second guide rails having detachable segments, and a detachable eccentric guide rail segment adapted to be interchanged with said detachable segments to connect said guide rails.

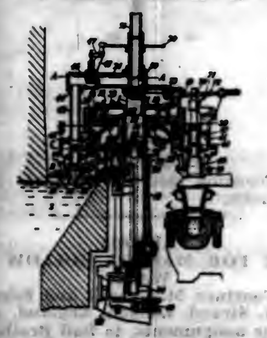
6. A glass shaping machine comprising a frame rotatable about a vertical axis, a plurality of molds pivotally supported on said frame, a cam having an inner guide track and outer guide track, means for connecting the inner and outer tracks of said cam, means for rotating said frame, means associated with said molds and cooperating with the tracks on said cam for causing the molds to travel for a portion of each revolution of the frame in an inner circle and for the remainder of such revolution in an outer circle, said track-connecting means being interchangeable with other portions of said track to vary the distance through which said molds travel in each of the inner and outer circles.

2,107,012

MEANS FOR FEEDING GLASS TO GLASS SHAPING MACHINES

Thomas Courtney Moorehead, London, England, assignor, by mesne assignments, to Ball Brothers Company, Muncie, Ind., a corporation of Indiana

Application January 30, 1935, Serial No. 4,193
In Great Britain January 18, 1935
3 Claims. (Cl. 49—5)



1. Apparatus for feeding glass from a forehearth to the molds of a glass-shaping machine comprising a central vertical column having two cavities therein one of which is coupled to a source of pressure and the other to a source of suction and having ports formed in the wall thereof, a frame rotatable around said column and having a plurality of hollow arms extending radially therefrom adapted to move in succession past one of the ports in said column, a valve in each such arm, a suction cup associated with each of said arms, a pipe telescoping into each of said arms for establishing communication between each said arm and the cup associated therewith, means for rotating said frame to move said cups from a position over the forehearth to a position over a mold, means for raising and lowering each of said cups relative to its supporting arm, means controlled by the rotary movement of said frame for operating said cup raising and lowering means to cause each cup to dip into the forehearth, means responsive to the rotation of said frame for operating said valves to connect the interior of said cups to a source of suction and gather a charge of glass therein when said cups are in their lowered position, a severing mechanism, means controlled by the rotary movement of said frame for actuating said severing mechanism to cause it to pass beneath each cup as it leaves the forehearth to sever the glass stringing therefrom, and means controlled by the movement of said frame for connecting said cup to the pressure cavity in said column to discharge the glass gathered in said cup into the mold of the shaping machine.

2,107,013

BELT

Delevan F. Morgan, Oak Park, Ill., assignor to Nuecord Company, Chicago, Ill., a corporation of Illinois

Continuation of application Serial No. 40,275, September 12, 1935. This application February 21, 1936, Serial No. 65,096

4 Claims. (Cl. 74—232)

1. A power transmission belt comprising a plurality of cords extending longitudinally of said belt and arranged in a series of spaced groups across substantially the full width of said belt, the space between said groups being of substantially less width than the width of said groups, a web supporting said groups of cords, and an elastic bonding material in said space and joining said cords and said supporting web together while permitting limited relative longitudinal and



transverse movement between said groups of cords, said bonding material being formed with a groove in one surface parallel to said cords and being flat on its other surface, whereby a normally flat pulley contacting surface is formed in which a longitudinal air relief groove is created under the first mentioned groove during operation of the belt over a pulley.

2,107,014

PROCESS OF TREATING AUSTENITIC CHROME-NICKEL STEEL ALLOYS

Julius F. Sachse, Philadelphia, Pa., assignor to The Midvale Company, Philadelphia, Pa., a corporation of Delaware

No Drawing. Application January 6, 1937, Serial No. 119,265

3 Claims. (Cl. 148—12)

1. The herein described method of treating nickel-chromium-carbon steel alloys to render them resistant to corrosion after subjection to a temperature within a range of 1000 to 1600° F., which comprises heating the alloy to such temperature above 1650° F. that the carbon is in substantially complete solid solution in the alloy, then subjecting the alloy to a hot working operation through a temperature zone ranging from the temperature specified at the beginning of the working to such temperature below a maximum of 1650° F., at which the larger percentage of carbon will be out of solution, then cooling the alloy, then reheating the alloy to a temperature in excess of 1000° F. but below 1600° F. and substantially below the temperature of the first heating, holding the alloy at that temperature for a substantial period of time, and then cooling to atmospheric temperature.

2,107,015

TIRE COVER AND LOCK THEREFOR

Bladen M. Short, Detroit, Mich., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich., a corporation of Michigan

Application August 26, 1935, Serial No. 37,874

14 Claims. (Cl. 150—54)

1. In a wheel assembly, a wheel, a wheel support, said wheel and support having cooperating attaching means adjacent the rim of the wheel, means cooperating with said attaching means and mounting said wheel on said support, a hood disposed over the front of the wheel and shielding said attaching and mounting means, means carried by said hood and engageable with the front of a tire mounted on the wheel, and means adjustably supporting said hood from said wheel support so that said hood may be held in cooperative relation with said wheel notwithstanding



variations in width of tires carried by the wheel.

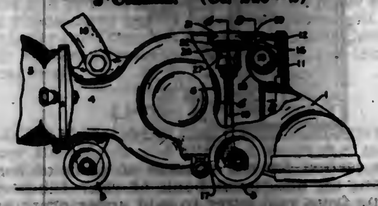
2,107,016

SUCTION CLEANER

Eugene L. Snyder, Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio

Application October 26, 1935, Serial No. 46,858

3 Claims. (Cl. 240—3)



1. In a suction cleaner, a casing, means movably supporting said casing, means to adjust said supporting means to raise and lower said casing relative to a surface covering undergoing cleaning, height-indicating means to indicate the position of said casing including a relatively movable transparent dial and pointer, said casing being provided with a forwardly facing aperture, an electric light within said casing adjacent said aperture, a reflector partially enclosing said light to direct rays through said aperture, said reflector being formed with an aperture, said casing being formed with a second aperture toward which rays through said reflector aperture are directed, said dial being mounted in said second aperture and illuminated.

2,107,017

AIR CONDITION INDICATOR

Athelstan F. Spilhaus, Cambridge, Mass.

Application April 4, 1936, Serial No. 14,635

1 Claim. (Cl. 73—336)

An air condition indicator comprising a chart turnable about a fixed axis and having radiating, angularly spaced thermometric arc graduations thereon, a bi-metallic thermostatic strip having one end connected to said chart for turning the latter, means for movably supporting the other end of said strip for setting said chart to desired zero position, mutually spaced concentric humidity indicating arcs disposed on said chart about the turning axis thereof as a center, a pivoted pointer turnable about an axis common successively to said consecutive thermometric graduations as said chart turns under the action of said bi-metallic strip, a lever arm fixed upon said pointer, a hygroscopic hair element having one end connected to said lever arm for turning said pointer, means for changing the point of connection of said hair element to said lever arm to determine the range of movement of said pointer,



means for movably supporting the other end of said hair element for setting the zero position of said pointer, and a zone depicted upon said chart and superimposed on said temperature and humidity indications for indicating a factor, such as human comfort or ice forming conditions.

2,107,018

COLLAPSIBLE FORM

John C. H. Wendes, Naugatuck, Conn., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware

Application July 13, 1936, Serial No. 91,446

7 Claims. (Cl. 18—41)



1. A collapsible form comprising a plurality of separable sections having one or more complementary nesting edges and defining straight slots therebetween, when assembled, each of said sections having a tail piece, separable complementary seating members each engaging some of the tail pieces, and a common clamping member engaging said seating members with a readily detachable connection for securing the form in its assembled condition.

2,107,019

ODOR DISPENSER

Harry B. White, Canton, Ohio, assignor to The Hoover Company, North Canton, Ohio, a corporation of Ohio

Application July 13, 1934, Serial No. 734,946

3 Claims. (Cl. 21—127)

1. In an odor dispenser for suction cleaners of the type having jointed dusting tools, a flanged

collar adapted to be clamped between abutting ends of two dusting tool elements, a split resilient seat member carried by said collar, and



an open-ended vial seated in said seat with its major axis parallel to the central axis of said collar.

2,107,620

ADJUSTABLE PAPER ROLL SUPPORT

John H. Williams, Chicago, Ill., assignor to Victor Adding Machine Company, Chicago, Ill., a corporation of Delaware

Application June 24, 1937, Serial No. 150,086

8 Claims. (Cl. 242—55.2)



1. A paper roll support comprising a base having outwardly extending arms, said arms being pivotally carried for upward swinging movements on the base, means for adjusting said arms to vary the distance therebetween while they are swung upwardly and for locking them in their adjusted positions when lowered, and a pair of cooperating roll-engaging heads carried at the free ends of said arms.

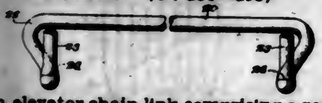
2,107,621

POTATO DIGGER CHAIN

Herman R. Altgelt and Rudolph J. Altgelt, South Bend, Ind., assignors to Oliver Farm Equipment Company, a corporation of Delaware

Application February 18, 1935, Serial No. 6,970

5 Claims. (Cl. 198—195)



1. An elevator chain link comprising a rod having sprocket wheel engaging portions and adjacent link engaging hooks, the bearing portions of said hooks having upset cross section and depressed cylindrical surfaces for increasing the wearing surface and strength thereof.

2,107,622

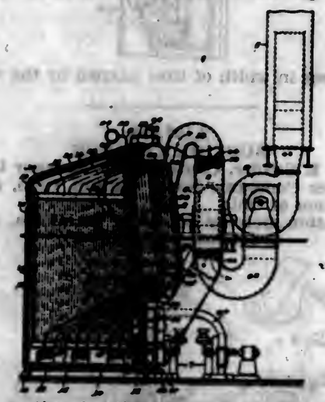
STEAM GENERATOR

John Philipp Rudeshausen, Philadelphia, Pa., assignor of one-half to Day and Zimmermann, Incorporated, Philadelphia, Pa., a corporation of Maryland

Application April 8, 1935, Serial No. 15,211

4 Claims. (Cl. 122—235)

1. In a steam generating unit, the combination of a combustion chamber and a boiler section, the walls of said combustion chamber being lined with water tubes exposed to the radiant heat of the burning fuel in said chamber, and forming a substantial part of the steam generating section of said unit, said boiler section comprising a transverse steam-and-water drum at the upper end of said boiler section, a transverse water drum substantially vertically below said first mentioned drum, a bank of riser tubes connecting said lower drum with said upper drum at points above the normal water level of said boiler, a bank of downcomer tubes connecting said upper drum below the water level thereof with the lower drum, and a baffle extending between said banks downwardly from said upper drum to a point adjacent but spaced from said lower drum to provide a passage for the gases of combustion from said riser bank to said downcomer bank of said boiler, a wall extending from said lower drum upwardly between said combustion chamber and said boiler section and providing at the top thereof a passage from the top of said combustion chamber to the top of said



boiler section for the passage of gases of combustion, an additional bank of riser tubes extending from said lower to said upper drum and arranged to the rear of said wall, the heat absorptive capacity of said boiler section being relatively small whereby the temperature of the gases of combustion leaving said boiler section after traversing the tubes thereof is higher than the temperature required to ignite the fuel in said combustion chamber, burners for impelling fuel in a finely divided condition into said combustion chamber, and means to supply air to said burners and means to transfer the heat of the gases, immediately they leave said boiler, to said air on its passage to said burners to raise the temperature of the air so supplied to substantially the temperature at which said fuel ignites.

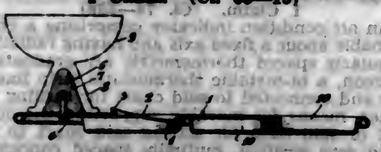
2,107,623

SERVICE PLATTER

Margaret Bertsch, Philadelphia, Pa.

Application March 25, 1937, Serial No. 132,994

1 Claim. (Cl. 65—15)



A service platter having a thumb hole and a plurality of depressions located in spaced relation along the marginal portion of said platter and adapted to receive food articles, and a conoidal mount, for the reception of a vessel, positioned rearwardly of said thumb hole, said mount and said thumb hole being arranged substantially along the longitudinal axis of said platter, the arrangement being such as to maintain a balance when the platter and its contents are supported through the medium of said thumb hole.

2,107,624

COUPLING DEVICE FOR TOY TRAINS

Joseph L. Bonanno, Forest Hills, N. Y., assignor to The Lionel Corporation, New York, N. Y., a corporation of New York

Application May 31, 1935, Serial No. 24,496

11 Claims. (Cl. 212—74)



1. In a toy car, a car body, a car truck pivoted to the body to swing about a vertical axis spaced from the end of the car body, a coupler bar pivotally supported from one of said car parts to swing in a horizontal plane, and means responsive to the swinging of the car body relative to the car truck for swinging the coupler bar in the same direction, said means including a longitudinally extending laterally yieldable member having one end secured to the car body, the other end being yieldable to permit lateral displacement of the coupler bar from the position normally determined by the angular relation of the car truck and car body.

2,107,625

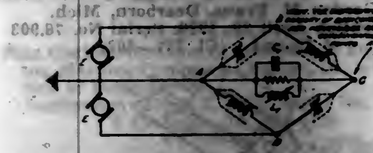
ELECTRICAL COUPLING ARRANGEMENT

Werner Buschbeck and Richard Breckner, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application August 19, 1932, Serial No. 685,915

In Germany August 20, 1932

5 Claims. (Cl. 178—44)



1. A circuit coupling arrangement for coupling a symmetrical circuit with an unsymmetrical circuit comprising two separate means of high frequency alternating current voltage supply of like size and phase, each of said separate means of supply directly connected together in series and grounded at their junction point, the ungrounded portion of said high frequency alternating current voltage supply being connected to a load circuit, said load circuit connected to a bridge-like arrangement having terminal connections at opposite arms for optimum transfer of energy from said supply source, said arms having shielded capacitive and shielded inductive reactances providing a tuned circuit which is tuned to a desired working wave, the distributive capacity of said shielded capacitive and shielded inductive reactances being concentrated at the terminal connections of said opposite arms on said bridge-like arrangement, said tuned circuit being connected to the terminals of the opposite arms of said bridge-like arrangement and in parallel relationship with said load circuit.

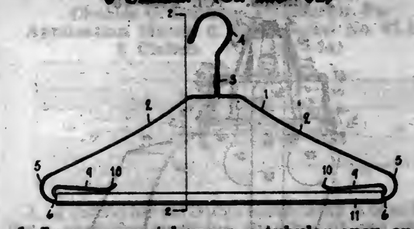
2,107,626

GARMENT HANGER

James D. Causey, Detroit, Mich., assignor to Star-Service Hanger Company, Detroit, Mich., a corporation of Michigan

Application April 8, 1937, Serial No. 135,743

6 Claims. (Cl. 223—91)



1. In a garment hanger, a tubular open-ended strut and a wire yoke member comprising a hook and a pair of garment supporting arms diverging downwardly from said hook, the free ends of said arms being bent downwardly and inwardly and conformed to provide inwardly extending loops opening outwardly, said loops being engageable in the ends of said strut, said free ends terminating in spring clamping fingers bent back on said loops and extending toward one another and lying along the exterior upper surface of said strut.

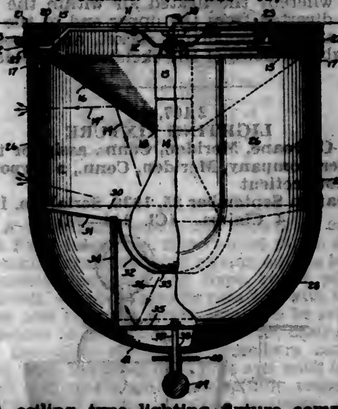
2,107,627

INDIRECT LIGHTING UNIT

Leroy C. Deane, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a corporation of Connecticut

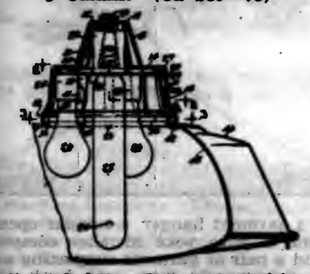
Application April 5, 1935, Serial No. 14,756

7 Claims. (Cl. 240—78)



1. A ceiling type lighting fixture comprising a translucent enclosure having slightly diffusing vertical side walls for directional transmission of light and a closed bottom, a centrally disposed pendant lamp socket and bulb, a downwardly dished reflector extending across the enclosure below the bulb and at substantially the lower portion of said vertical walls for upwardly and outwardly reflecting light toward the walls of the enclosure above the reflector, the reflector having a small opening below the lamp bulb to allow the escape of light downwardly for dimly lighting the portion of the enclosure below the reflector, a reflecting plate in the lower portion of the enclosure and acting to reflect light received through the opening, and spacer means between the plate and the reflector for supporting the reflector in position.

2,107,028
DIRECT LIGHTING FIXTURE
Leroy C. Deane, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a corporation of Connecticut
Application February 6, 1936, Serial No. 62,801
9 Claims. (Cl. 240—78)



1. A direct lighting fixture comprising a central downwardly opening lamp socket, a pendant mercury vapor lamp carried therein, a plurality of downwardly opening lamp sockets circumferentially disposed below the central socket, incandescent lamps in the latter mentioned sockets, a common support for all the sockets, said support being in the form of a skeletonized holder to provide ventilation about the sockets, a lamp enclosing member carried by the holder and disposed about the lamps to cause air heated thereby to pass upwardly through the member and the holder, and a baffle plate mounted below the sockets and apertured to receive the upper portion of the lamps and having its edge spaced from the holder to provide a peripheral ventilation space whereby the heated air within the member is diverted from the upper end of the vapor lamp and its supporting socket, and passes out through the holes of the skeletonized holder.

2,107,029
LIGHTING FIXTURE
Leroy C. Deane, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a corporation of Connecticut
Application September 25, 1936, Serial No. 102,525
4 Claims. (Cl. 240—78)



1. A lighting fixture comprising a light source, and an annular, open-topped glass shade having highly reflecting side walls, slightly convergent downwardly and adapted to produce a wide upward distribution of direct and reflected light for indirect lighting, and a lower, clear glass zone integral with said walls for downwardly transmitting light within a narrow angle from nadir for direct illumination of a circular area underneath the fixture, the clear glass zone being fluted and tapering upwardly and inwardly.

2,107,030
COMBINED TABULATING AND PUNCHING MECHANISM
Elmer H. Dreher, Brooklyn, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware
Application June 14, 1934, Serial No. 730,549
17 Claims. (Cl. 164—112)



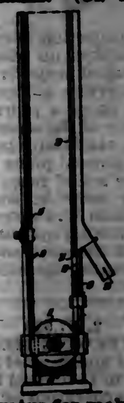
1. In combination, a punch mechanism comprising a plurality of punches, a removable translator component containing elements for actuating individual ones of said plurality of punches, and a mechanism interchangeable with said translator component for manual operation of said punch mechanism.

2,107,031
HEAT TRANSFERRING TUBE STRUCTURE
Gordon M. Evans, Dearborn, Mich.
Application April 29, 1936, Serial No. 76,903
5 Claims. (Cl. 257—262)



1. A tube structure for heat transfer purposes comprising, a plurality of longitudinally drawn strips of sheet metal extending lengthwise of the structure, each strip having an intermediate portion for constituting a part of the tube wall, said intermediate portions being disposed so that the portions cooperate to form a complete tube wall, the edges of the strips extending outwardly of the tube form to provide radiating parts, each strip having an abutting portion between its intermediate portion and each edge, with the abutting portions of one strip substantially facing the abutting portions of another, and a plurality of other strips of the same length as the first mentioned strips, one positioned between each two adjacent abutting portions of the first mentioned strips and each lying in part within the tube and in part without the tube to provide unbroken heat conductors within the tube and radiating parts without the tube, said abutting portions and the parts of the other strips lying therebetween being united to seal the tube and hold the strips in assembly some of said radiating parts being cut transversely of the tube to form wings, and alternate wings on each cut radiating part lying in different relatively angular planes.

2,107,032
RUBBER THREAD
John R. Gammeter, Akron, Ohio, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y., a corporation of New Jersey
Application August 24, 1932, Serial No. 630,583
17 Claims. (Cl. 18—8)



15. In an apparatus for making rubber thread, a travelling wire having at least one comparatively sharp longitudinal edge, means for applying a rubber-containing liquid coating material onto said wire, means for drying said material, and means for stripping off the dried rubber deposit in thread form.

2,107,033
CASH REGISTER
Max Garbell, Chicago, Ill., assignor to Victor Adding Machine Company, Chicago, Ill., a corporation of Delaware
Application March 3, 1936, Serial No. 66,881
6 Claims. (Cl. 235—33)



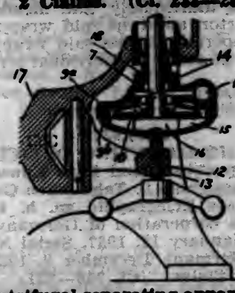
1. In a cash register having key controlled racks carried for reciprocating movements, a shaft, pivotally mounted indicators on said shaft, connections operatively connecting the indicators with the racks, said connections comprising link means each pivotally carried at one end and with its other end removably attached to an indicator, and means supporting the link means forming means for disconnecting said link means from the indicators.

2,107,034
CONVERTER CARTRIDGE
Charles C. Guthrie, Pittsburgh, Pa.
Application March 6, 1936, Serial No. 67,453
2 Claims. (Cl. 102—14)



1. A converter cartridge comprising a case having a cartridge receiving chamber at one end, a solid member positioned in said case at the rear of said cartridge chamber and completely filling said case, said member having a slotted outer face to produce a segmental portion, and means for springing said segmental portion outwardly to hold said member in position in said case.

2,107,035
CLOSED CENTRIFUGAL SEPARATOR
Selden H. Hall, Poughkeepsie, N. Y., assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey
Application January 22, 1935, Serial No. 2,689
In Sweden February 16, 1934
2 Claims. (Cl. 233—23)

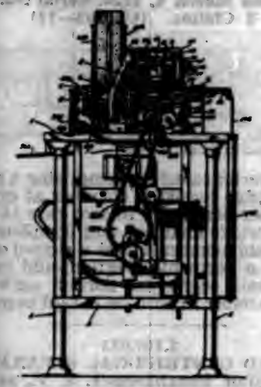


1. A centrifugal separating apparatus comprising a fixed inlet pipe, fixed outlet pipes, a rotatable centrifugal separator having outlets in closed communication with the fixed outlet pipes respectively, a hollow spindle rotating with the separator and through which liquid to be separated is adapted to flow to the separator, casing members providing stationary chambers communicating with the fixed inlet pipe and with the inlet end of said rotatable hollow spindle, respectively, a centrifugal pump impeller mounted on said spindle and through which inflowing liquid is pumped from the first mentioned chamber to the second mentioned chamber, and guiding wings positioned in the second mentioned chamber and adapted to reduce the rotative speed of the liquid during its flow from the pump impeller to the hollow spindle.

2,107,036
ARTICLE DIVIDING AND PACKAGING MACHINE
Arthur S. Heineman, Los Angeles, Calif.
Application January 2, 1935, Serial No. 1,283
Renewed June 22, 1937
10 Claims. (Cl. 93—2)

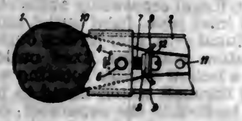
1. In a commodity packaging machine, means for receiving a mass of a commodity having an

approximate predetermined shape and an approximate predetermined size, means for dividing said mass evenly into a plurality of fractions thereof, means actuated by operation of said dividing means in dividing a fraction from said mass for subdividing each of said fractions into individual servings of said commodity, means for



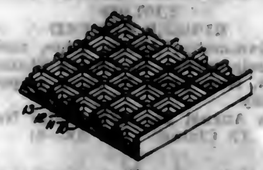
holding each individual serving while it is subdivided from said fraction and for conveying said subdivision to a wrapping table means associated with said wrapping table for wrapping each individual serving individually, and means for supporting a carton adjacent said wrapping table, and means operable across said wrapping table for placing a plurality of individual servings in a single carton.

2,107,037
RADIO MOUNTING DEVICE
Hermann Kippenberg and Paul Künzer, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany, a corporation of Germany
Application January 12, 1937, Serial No. 120,182
In Germany December 9, 1935
1 Claim. (Cl. 248—231)



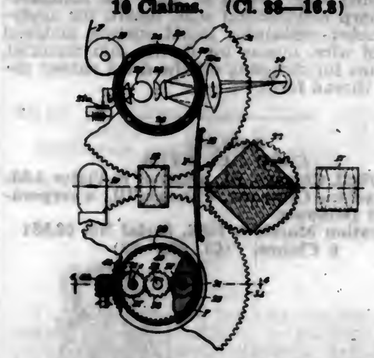
A device adapted for mounting apparatus on columns in which the apparatus to be mounted is fixedly secured to a U-shaped beam resting with one of its ends against the column comprising, means for pressing the end of said beam towards the column, said means including a band embracing said column, a block member mounted near the end of said beam, a screw fitted into said block and means mounted on said screw for gripping said band, said band being adapted to be tightened to thereby press the end of said beam towards the column by turning said screw in one direction, turning the screw in the other direction being adapted to loosen the band and permit adjusting the U-shaped beam member on the column, a second U-shaped member mounted near the end of the beam which is resting against a column, said second U-shaped member cooperating with the first to form an enclosure, said block being mounted within said enclosure and attached to both U-shaped members.

2,107,038
PROJECTION SCREEN
McLennan Leonard, Regent's Park, London, England
Application April 3, 1937, Serial No. 135,727
In Great Britain April 6, 1936
3 Claims. (Cl. 88—24)



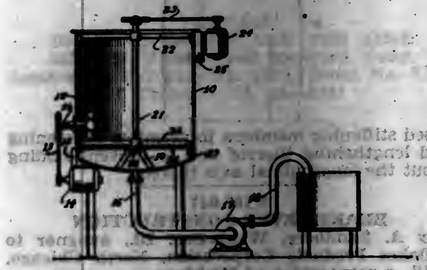
1. An opaque projection screen in which the front surface is broken up into small elemental areas by closely spaced projecting barriers adapted to intercept laterally diffused light, the barriers being made up of a plurality of steps extending transversely of the screen, one set of faces of the steps being essentially parallel one to another and to the general plane of the front surface and the other set of faces being so inclined that substantially none of the projected light directly reaches them, the screen being provided with sound-transmitting apertures debouching in the lateral faces of the steps so that they are invisible from the front of the screen.

2,107,039
RIBBON FEEDING MECHANISM
Jacob F. Leventhal and Samuel Bagno, New York, N. Y., assignors to Leventhal Patents, Inc., New York, N. Y., a corporation of Delaware
Application September 27, 1934, Serial No. 745,683
10 Claims. (Cl. 88—16.3)



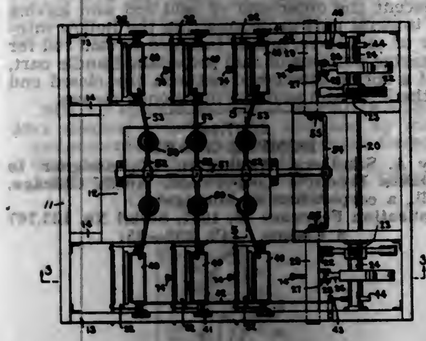
1. In a ribbon feeding apparatus comprising a radiation emitting element, a radiation sensitive element associated therewith, a rotatable control unit having a series of radiation transmitting areas adapted to pass between said radiation emitting and radiation sensitive elements, and a shield for limiting transmission of radiations to a single control unit transmission area; means including a rotatable feed unit for passing between said elements in operative relation to said control unit a ribbon having a longitudinal row of alternating radiation transmitting and radiation obstructing areas, a rotatable member, an electric motor responsive to said radiation sensitive element mounted thereon, one unit having a shaft coaxial with said member, driving connections between said motor and said shaft, and means for rotating said member and the other unit in predetermined speed.

2,107,040
PROCESS OF FILTERING EGGS
Frank B. Lemon, Chicago, Ill.
Original application January 26, 1935, Serial No. 3,601. Divided and this application May 7, 1936, Serial No. 78,299
4 Claims. (Cl. 99—113)



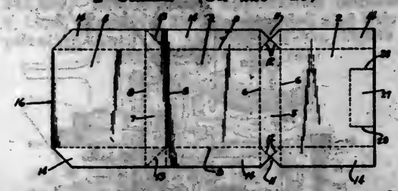
1. The method of filtering eggs which comprises stirring a mass of broken egg material containing egg shell fragments, chalaza, egg meats and the like from beneath the surface of said mass to produce a mixture of uniform color without incorporating large amounts of air into the mass, sucking the egg meats of said uniformly mixed mass through a barrier which will retain the shell fragments thereon and simultaneously disintegrating the chalaza as it collects on the barrier to a size small enough to pass through the barrier.

2,107,041
BATTERY GRID CASTING MACHINE
Albert H. Lahrman, Cincinnati, Ohio
Application August 10, 1936, Serial No. 95,171
3 Claims. (Cl. 22—57)



1. In a casting machine, the combination of a lead pot, a plurality of pairs of complemental molds on each side of said lead pot, one part of each mold being stationary, the other part of each mold being mounted on a slide, a cross-shaft below said slides, a pair of segment gears alternately spaced on said shaft, shafts above said first-named shaft, pinion gears on said shafts arranged to be rotated by the respective segments, and crank arms on said second-named shafts having connection with said slides for opening and closing said molds.

2,107,042
CIGARETTE PACKAGE
John H. MacMillan, Jr., Minneapolis, Minn.
Application March 5, 1936, Serial No. 67,314
1 Claim. (Cl. 229—16)



A blank for use in forming a cigarette package comprising a substantially rectangular member of fibrous material, said blank having substantially straight side edges and end edges arranged at right angles thereto, longitudinally disposed score lines arranged inwardly of and parallel to the side edges of the blank to permit the marginal side edges to be folded to form side walls of the package, transverse score lines dividing the blank into a front wall portion, a bottom wall portion, a back wall portion, a top wall portion and a closure flap in the order named, and diagonal score lines on said marginal side edge portions to facilitate forming the bottom wall and top wall of the package.

2,107,043
BLANK ALIGNING MECHANISM AND METHOD
Abraham Novick, Flushing, N. Y., assignor to F. L. Smithe Machine Co., Inc., New York, N. Y., a corporation of New York
Application October 7, 1931, Serial No. 567,372
9 Claims. (Cl. 271—50)

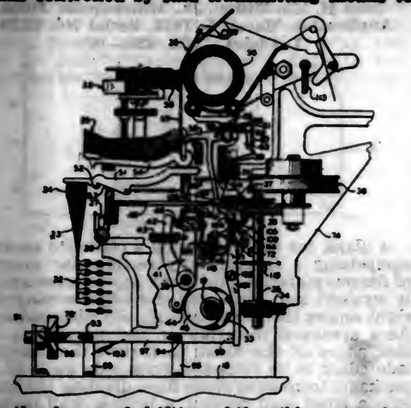


1. In an envelope making machine, mechanism for aligning blanks comprising a relatively slow-moving conveyor, means for feeding said blanks upon the conveyor in separated condition, a contact element pressing the blanks at a medial region thereof yieldingly against the conveyor so as to cause them to assume the movement of the conveyor but also allowing for movement of adjustment of the blanks with reference to the conveyor, and secondary conveyor mechanism adapted to move in juxtaposition to, and at a faster speed than, the conveyor first mentioned and having thereon blank engaging means adapted to engage the blank at opposite sides of said medial region and to push the blank from behind and, aided by the contact element, to effect an alignment of the blanks.

2,107,044
TWO-COLOR RIBBON MECHANISM
Louis M. Potts, Evanston, Ill., assignor to Teletype Corporation, Chicago, Ill., a corporation of Delaware
Application August 5, 1936, Serial No. 94,350
12 Claims. (Cl. 178—25)

1. In a telegraph apparatus, a platen, a shiftable ribbon carrying mechanism, means to shift and return the ribbon carrying mechanism irrespective of the position of the platen to reveal the record at the point of printing after each

printing operation, transmitting means, and means controlled by said transmitting means to



vary the degree of shifting of the ribbon carrying mechanism.

2,107,045
ELECTRIC CONTROLLER CONSTRUCTION
Christian A. Rasmussen, Cleveland, Ohio
Application March 4, 1935, Serial No. 9,243
5 Claims. (Cl. 200—6)



1. In a controller drum construction, a shaft, a plurality of contact carrying arms extending laterally from the shaft comprising a like plurality of identical sheet metal elements bent into divergent channel form with the web of the channel disposed adjacent to the shaft and each flange of one element disposed adjacent to and generally parallel to a flange of the next adjacent element around the shaft, the generally parallel pairs of flanges constituting the said arms, contact elements each having a portion disposed between a corresponding pair of flanges respectively and means to clamp them therebetween, and means to mount the plurality of sheet metal elements on the shaft.

2,107,046
WAIST BAND FOR GARMENTS
Isaac W. Rohatyn, New York, N. Y.
Application May 20, 1935, Serial No. 22,235
3 Claims. (Cl. 2—231)

1. A belt for a garment affixed to the waistband portion thereof, comprising a section of a pocket longitudinally disposed and affixed to the inner surface of the said waist-band portion, a tape member adapted to slide within the said pocket, a pair of pivotal clasping members disposed exterior to the ends of the pocket and affixed to the inner surface of the waist-band portion, the said clasping members being adapted to engage and disengage the said tape member for adjustment of the girth of the garment, the said pocket being provided with vertically disposed stiffening members to permit a shortening and lengthening thereof and to prevent folding about the longitudinal axis thereof.

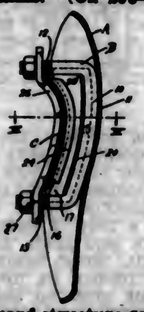


2,107,047
BRAKE LEVER CONSTRUCTION
Ray A. Sandberg, Waukegan, Ill., assignor to Oakes Products Corporation, North Chicago, Ill., a corporation of Michigan
Application January 15, 1936, Serial No. 59,278
16 Claims. (Cl. 74—537)



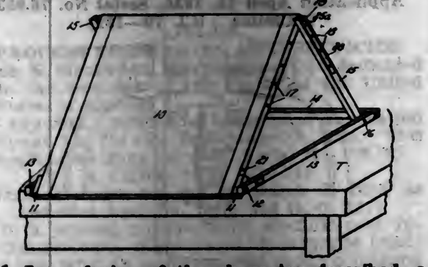
1. A hollow brake lever fashioned from sheet metal and having a closed outer end, a pawl rod within said lever and having its outer end in closely spaced relation to the closed end of said lever, an actuating handle pivoted to said lever adjacent the outer end of said rod and having an integral part projecting into the hollow interior of said lever, means fastened to said rod for engaging portions of said projecting handle part, and a spring interposed between the closed end of the lever and said last mentioned means.

2,107,048
BUMPER GUARD
Ray A. Sandberg, Waukegan, Ill., assignor to Oakes Products Corporation, North Chicago, Ill., a corporation of Michigan
Application February 15, 1937, Serial No. 125,767
8 Claims. (Cl. 293—55)



1. A bumper guard structure comprising an oblong cup-shaped body, a U-bolt having its yoke within the body and with its legs projecting through the open rear side thereof, a plate fitting into said body and shaped to cooperate with the front wall of the body to form a fulcrum support for the bolt yoke, and a clamping means cooperable with the outer ends of said bolt for clamping said body with its opening edges against the front face of a bumper bar.

2,107,049
DRAWING BOARD AND THE LIKE
Alfred H. Young, West Hartford, Conn.
Application February 28, 1935, Serial No. 7,707
6 Claims. (Cl. 45—121)



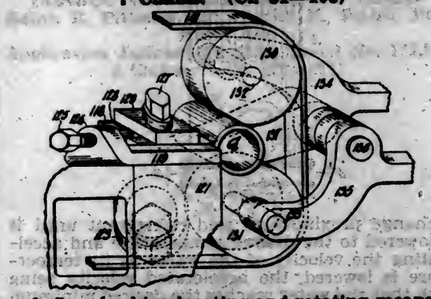
1. In a device of the character described, a board, a three-sided supporting frame having side members arranged at opposite sides of the board, and a rear cross member closely adjacent to the rear edge of the board when the parts are in folded condition, said frame being substantially of the same thickness as said board and said board lying within the plane of said frame when the parts are in folded condition, means for pivotally connecting the forward ends of said side members to said board adjacent the forward edge of the latter, legs disposed to opposite sides of said board within said frame and pivotally connected to the respective side members adjacent the rear edges of the latter, and means for adjustably connecting said legs to said board, said legs when the parts are in folded condition lying between said side members and the side edges of said board.

2,107,050
SOUND RECORDER AND REPRODUCER
Max Bender, Astoria, N. Y., assignor, by mesne assignments, to United Accountigraph Corporation, a corporation of Nevada
Application July 8, 1932, Serial No. 619,465
1 Claim. (Cl. 179—100.41)



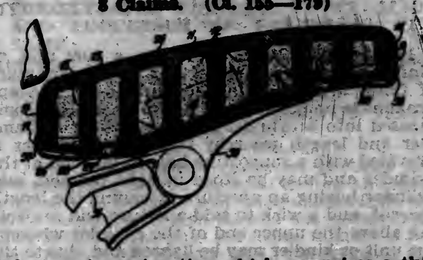
In a device of the character described, a magnet having opposite poles, a flat U shaped member of magnetic material pivotally supported at approximately the center of the bend of the U, and the bend of the U being located between and under the influence of said poles, and a stylus secured directly in the end of each leg of the U.

2,107,051
BUSHING LOCATING AND ROTATING MEANS
Ottie E. Briney, Pontiac, Mich.
Original application April 12, 1927, Serial No. 183,629. Divided and application September 6, 1935, Serial No. 39,436. Divided and this application April 15, 1936, Serial No. 74,589
7 Claims. (Cl. 51—102)



1. In a bushing locating and rotating means, a base including a bushing abutment member, an arm projecting from said base, a pin mounted in said arm, two pivotally movable arms, each to pivot relative to the other, a bushing abutment roller rotatable on the inner end of each of said pivotable arms, and a belt contacting both of said rollers to rotate the same and thereby rotate the bushing and localize the same against said abutment member.

2,107,052
SEAT CONSTRUCTION
Franklin O. Church, Buffalo, N. Y., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y., a corporation of New York
Application April 25, 1936, Serial No. 76,313
8 Claims. (Cl. 155—179)

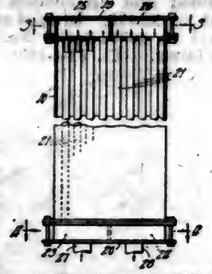


3. A seat construction which comprises a thin rigid base, a cushion of porous, resilient and elastic material on the upper surface of said base and a pair of sheets of relatively inelastic flexible material, one sheet at each end of said base on the underside thereof and joined to said cushion at the side and end edges of said base to hold said cushion to the front and back edges and the side edges of said base adjacent to the front and back edges while permitting said cushion to be freed from said base when stretched lengthwise sufficiently to clear said sheets of material.

2,107,053
METHOD OF REFRIGERATION
Ural R. Coons, Fort Wayne, Ind., assignor of one-half to Herbert L. Somers, Fort Wayne, Ind.
Application October 28, 1935, Serial No. 47,155
4 Claims. (Cl. 62—177)

1. In the refrigerating art the method of cooling water below 32° F. without freezing, which con-

sists in maintaining a body of refrigerant at a substantially constant pressure corresponding to a temperature slightly less than the desired minimum temperature of the water, causing the water to flow in a confined stream in close heat



exchange proximity to said refrigerant until it is lowered to the desired temperature and accelerating the velocity of the water as its temperature is lowered, the accelerated velocity being such that the water reaches the desired minimum temperature without freezing.

2,107,054

FUEL UNIT

Leemis M. Haymond, Cincinnati, Ohio

Application July 24, 1935, Serial No. 32,920

2 Claims. (Cl. 44—41)



1. An article of manufacture, a fuel unit or kindler consisting substantially of an admixture of finely divided wood and paraffin, in the approximate proportion of 2½ to 1 by weight, compressed into a cylindrical shape having a diameter and length whereby the unit or kindler is provided with a supporting base at one end of the cylinder and may be stood upright thereon, said cylinder having an aperture extending the length thereof, and a wick in said aperture and projecting above the upper end of the cylinder whereby the unit or kindler may be lighted and, due to the composition of said cylinder, whereby the fire is confined to the upper end of the cylinder.

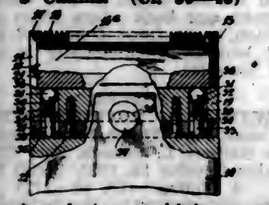
2,107,055

SHAVING DEVICE

Jens O. Jensen, Miami Beach, Fla., assignor to Bernard F. Connolly, Mount Vernon, N. Y.

Application June 24, 1937, Serial No. 150,015

3 Claims. (Cl. 30—43)



6. A shaving device combining a supporting handle, and a shaving head removably mounted thereon comprising a stationary cutting member, a second cutting member movably mounted relative thereto and a pair of spaced spring pressed means mounted in said head for urging said members together into close shearing engagement, said means including a part engageable with a portion of said handle to effect compression of the spring means when the head is assembled on the handle.

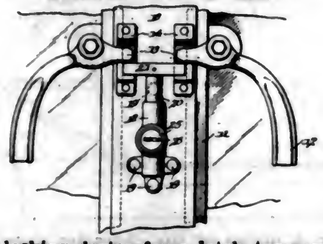
2,107,056

CASEMENT WINDOW AND DOOR LOCK

Herman H. Kistner, Baltimore, Md., assignor to Kistner Lock & Appliance Company, a corporation of Maryland

Application April 23, 1936, Serial No. 76,033

2 Claims. (Cl. 70—121)



2. A locking device for a latch type swinging window or door fastening mounted on the window or door and having a cam element mounted on the jamb with which the latch member is adapted to engage to clamp the window or door in closed position, said locking device comprising a casing mounted on the jamb adjacent to said cam element and having a sliding member adapted to be projected into the path of movement of said latch member to prevent its disengagement from said cam element, means carried by said casing for locking said sliding member in projected position, and means for securing said casing to said jamb, said securing means being inaccessible in projected position of said sliding member whereby said locking device cannot be removed when said locking means is in locking position.

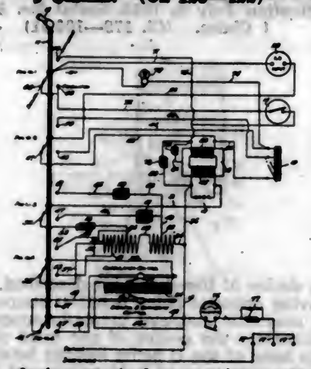
2,107,057

SURGICAL APPARATUS

John G. H. Liebel and Edwin S. Flarsheim, Cincinnati, Ohio, assignors to The Liebel-Flarsheim Company, Cincinnati, Ohio, a corporation of Ohio

Application April 5, 1932, Serial No. 604,574

9 Claims. (Cl. 128—422)



1. An electro-surgical apparatus, comprising, a transformer adapted to provide current of appropriate power for performing surgical operations, and a spark gap connected to the secondary of the transformer to provide a high frequency current, a capacity and inductance incorporable in said secondary circuit to provide a cutting current, a capacity and inductance incorporable in said circuit to provide a coagulating current, two power control devices, one functionally operative for controlling the power of the cutting current, the other functionally operative for controlling the power of the coagulating current, and means for switching from one type of current and one power control device to the other type of current and other power control device.

2,107,058

PROCESS FOR MAKING AN INSECTICIDE

Louis N. Markwood, Washington, D. C., dedicated to the free use of the People of the United States of America

No Drawing. Refiled for abandoned application Serial No. 744,636, September 19, 1934. This application June 24, 1937, Serial No. 150,165

1 Claim. (Cl. 167—34)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

In a process for preparing nicotine-peat reaction products, the steps which comprise treating peat with an acid from the group consisting of mineral acids and acetic acid, washing said peat to remove soluble matter, bringing together in intimate contact an aqueous solution of nicotine and said peat, allowing the mixture to react, and recovering the water-insoluble portion.

2,107,059

MOTOR FUEL COMPOSITION

Franz Rudolf Moser, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application May 11, 1935, Serial No. 20,987. In Great Britain May 16, 1934

6 Claims. (Cl. 44—9)

6. A composition of matter comprising a liquid hydrocarbon motor fuel component and a relatively small quantity of acetone peroxide.

2,107,060

METHOD OF PREPARING PHENOLIC COMPOUNDS

John F. Olin, Grosse Ile, Mich., assignor to The Sharples Solvents Corporation, Philadelphia, Pa.

No Drawing. Application December 6, 1935, Serial No. 53,210

19 Claims. (Cl. 260—154)

1. The method of effecting reaction between an unsaturated hydrocarbon and an aromatic compound substituted in the nucleus by an hydroxyl radical which comprises effecting initial condensation between the aromatic compound and said unsaturated hydrocarbon in the presence of an acid catalyst, neutralizing the acid catalyst, and thereafter effecting rearrangement of the reaction products so produced by heating in the presence of a Friedel and Crafts catalyst.

19. The method of producing a para-tertiary alkyl phenol which comprises mixing an olefin composition containing branch chain olefin and normal olefin with phenol and effecting initial condensation between the phenol and the branch chain olefin in the presence of an acid catalyst under conditions controlled to substantially preclude reaction between the phenol and the normal olefin, neutralizing the acid catalyst, removing normal olefin from the mixture by distillation and thereafter effecting rearrangement of the reaction products so produced by heating in the presence of a Friedel and Crafts catalyst.

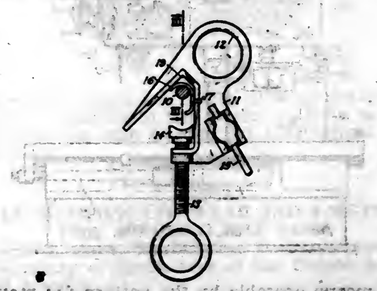
2,107,061

CONDUCTOR PROTECTING TAP CLAMP

Ralph R. Pittman and Carroll H. Walsh, Pine Bluff, Ark.

Application January 22, 1937, Serial No. 121,812

4 Claims. (Cl. 173—273)



3. The combination with a live line clamp having adjustable clamping means for removably engaging a conductor, a protecting member detachably mounted on the body portion of said clamp, and means responsive to movement of said adjustable means for releasing said member from the body portion of said clamp, said movement affixing said protecting member to the conductor in interposed relation to said clamp and said conductor.

2,107,062

HYDROXYLATED FISH OIL FATTY ACIDS AND PROCESSES OF PREPARING THE SAME

Anderson W. Ralston and Stewart T. Bauer, Chicago, Ill., assignors to Armour and Company, Chicago, Ill., a corporation of Illinois

No Drawing. Application March 17, 1936, Serial No. 69,411

13 Claims. (Cl. 260—112)

1. The process which comprises partially hydrogenating a fish oil material having an iodine number of at least 100 and being chosen from the group consisting of fish oil and the unsaturated fatty acids thereof until the iodine number is not more than about 80, and then hydroxylating the partially hydrogenated fish oil material.

2,107,063

PATTERN CONTROLLED MILLING MACHINE

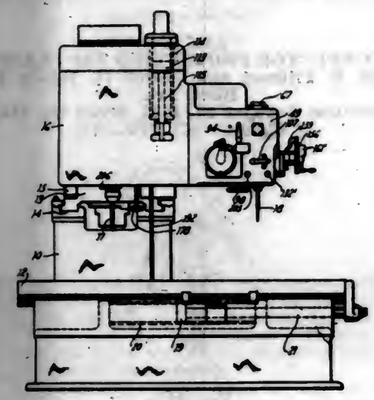
Erwin G. Roehm, Norwood, Ohio, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio, a corporation of Ohio

Application April 14, 1937, Serial No. 136,844

22 Claims. (Cl. 90—13.5)

1. In a tracer mechanism for automatically controlling power movement between a tool and work piece, a tracer arm supported for universal movement about a point and relative to a fixed axis passing through said point, rate and direction control mechanism for governing said power movement having motion transmitting connections with said tracer arm whereby movement of the tracer arm into or out of coincidence with said axis will stop or start said power movement respectively, means for predeflecting the tracer

arm to cause power feeding of the cutter into engagement with the work, the orientation of the plane determined by the tracer and said axis dictating the direction of said feeding movement,



and means operable by the pattern for moving said tracer arm around said axis for varying the direction of said feeding movement in accordance with contour changes in the pattern.

2,107,064

PROCESS FOR SOLVENT DEWAXING OILS

Hendrikus van der Waerden, The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application April 8, 1935, Serial No. 15,290. In the Netherlands April 25, 1934
10 Claims. (Cl. 196—18)

1. A process for dewaxing oil by mixing the oil with a liquid dewaxing agent having a high solvent power for the oily components of the wax-bearing oil but low solubility for its waxy components, chilling the resulting mixture to precipitate waxy components and separating the precipitated material from the oil-containing solution, characterized by the use as the dewaxing agent of a mixture comprising a partially hydrogenated naphthalene and a selective solvent having a low solvent power for oil.

2,107,065

PROCESS AND PRODUCTS RELATING TO RECOVERY OF ALCOHOLS FROM HYDROCARBON POLYMERS

Adrianus Johannes van Peski, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application June 20, 1936, Serial No. 86,350. In the Netherlands July 4, 1935
16 Claims. (Cl. 260—90.11)

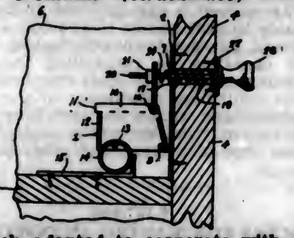
1. In a process for the production of organic oxy-compounds by the treatment of olefines with water in the presence of a mineral acid-acting compound, the step of recovering the alcohol content of the polymer mixture formed during the treatment which comprises reacting the alcoholic content of the separated polymer phase with a metal hydroxide and carbon bisulphide to form a metal xanthate, and recovering the metal xanthate from the polymer phase.

2,107,066

LATCH

Loren Floyd Weddle, Inglewood, Calif.

Application December 11, 1936, Serial No. 115,466
3 Claims. (Cl. 292—299)



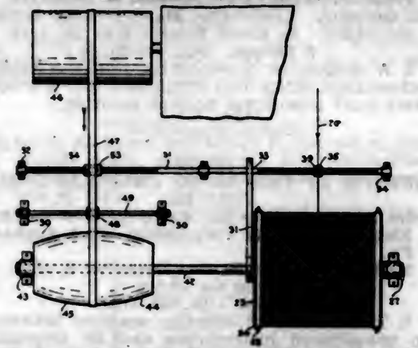
1. A latch adapted to cooperate with a stop comprising a casing open at its top and bottom, said casing including a yoke mounted for vertical swinging movement in said casing, a pin mounted transversely in said yoke, a gravity actuated ring loosely mounted on the pin and engageable between the stop and the casing for securing the closure in closed position, and means for actuating the yoke for lifting the ring out of engagement with the stop, said means including an upstanding plate journaled on the yoke, a manually operable rod extending slidably through the closure and connected to said plate, and a coil spring encircling said rod and engaged with the plate and urging said rod, yoke and plate toward normal position.

2,107,067

ELASTIC MATERIAL AND METHOD OF MAKING SAME

Sterling W. Alderfer, Akron, Ohio, assignor of one-half to Edward D. Andrews, Akron, Ohio

Application June 13, 1935, Serial No. 26,424
14 Claims. (Cl. 154—2)



1. A pre-shaped elastic material consisting solely of a plurality of rubber threads under substantially uniform tension, and a second plurality of rubber threads under non-uniform tension and arranged adjacent to said first-mentioned threads and adhesively interconnected.

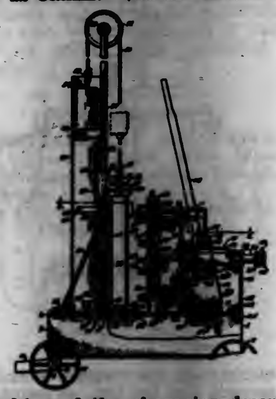
6. That method of making elastic material which comprises winding a rubber thread under uniform tension about a form to provide adjacent convolutions, winding a rubber thread under non-uniform tension about the thread bearing form in a different direction to provide adjacent convolutions, applying pressure to adhere the convolutions of one winding to the other, removing the thread structure from the form, and curing the same.

2,107,068

PERFORATING MACHINE

Raymond R. Dauwalter, Birmingham, Ala., assignor to W. S. Dickey Clay Manufacturing Company, Kansas City, Mo., a corporation of Delaware

Application December 31, 1936, Serial No. 118,503
12 Claims. (Cl. 25—105)



1. A machine of the character described including a truck, tile supporting means on the truck, a mandrel reciprocably carried on the truck and movable into a tile carried by the tile supporting means, a carriage movable on the truck to and from the tile supporting means, means for actuating the carriage, means on the carriage for perforating a tile carried by said supporting means, and means on the truck for raising and lowering the mandrel.

2,107,069

STABILIZATION OF ALIPHATIC SYMMETRICAL ISO ETHERS

Theodore Evans, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application August 17, 1936, Serial No. 96,471
5 Claims. (Cl. 23—250)

1. A composition of matter stabilized against peroxide formation which comprises an aliphatic symmetrical iso ether and a stabilizing amount of a phenolic body selected from the group consisting of the cresols, the naphthols, pyrogallol, hydroquinone, resorcinol, phloroglucinol and nitroso-beta-naphthol.

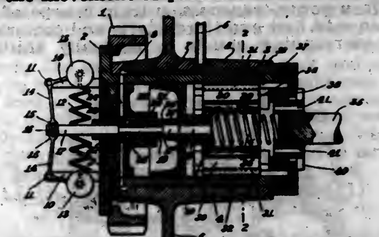
2,107,070

SHAFT COUPLING

Werner Fleury, Arbon, Switzerland, assignor to Societe Anonyme Adolphe Saurer, Arbon, Switzerland, a corporation of Switzerland

Application September 18, 1936, Serial No. 101,357
In Germany May 9, 1936
2 Claims. (Cl. 64—25)

1. In a mechanism for changing the phase relationship between a driven shaft and a driving gear, the combination of a driven shaft, a driving gear, a servo-cylinder rotatable with the gear and spirally grooved internally, a servo-piston, a displacement member rotatable and movable longitudinally with the servo-piston and spirally threaded to engage the grooves of the servo-cylinder, means to supply fluid under pressure to the cylinder space to move the piston in one direction, a reactance spring acting in opposition to the fluid pressure, a centrifugal governor, means actuated by the governor to control the movement of pressure fluid to and from



the cylinder space, and means whereby the servo-piston is coupled to the driven shaft to be rotated thereby with freedom for longitudinal displacement.

2,107,071

BALE IDENTIFICATION TAG AND A METHOD FOR AFFIXING THE SAME

George E. Gaus, Washington, D. C., assignor to Secretary of Agriculture of the United States of America

Application February 4, 1937, Serial No. 123,983
2 Claims. (Cl. 40—20)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In combination with a press box having fibrous material therein to be baled; of a tagging device therefor to be affixed during the process of baling; said tagging device comprising a securing member, and a non-resilient plate-like pendent identification tag connected thereto; said securing member adapted to be embedded in the fibrous material as the same is being assembled and to extend partially therethrough; said tag comprising a substantially gibbous elliptical structure, having a relatively flat center portion formed thereon, and adapted to maintain its position relative to said securing member during the process of embedment and impaction of said fibrous material, and having its concave surface in juxtaposition thereto and its convex surface in juxtaposition to a side wall of the press box.

2,107,072

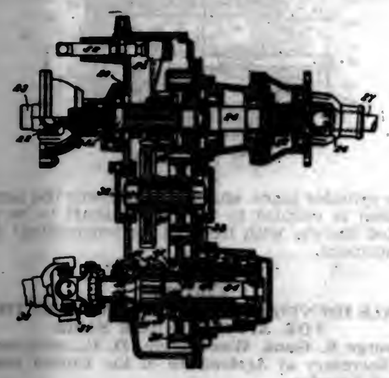
MULTIAXLE DRIVE VEHICLE

Arthur W. Herrington, Indianapolis, Ind., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind., a corporation of Indiana

Application December 5, 1936, Serial No. 114,371
2 Claims. (Cl. 74—342)

1. A power-transmission unit for motor vehicles, comprising a casing, a shaft journalled therein and projected from one side thereof and adapted for connection to the power-delivery shaft of the power plant, a second shaft aligned with said first shaft journalled in the casing and projected from the opposite side of the casing and adapted for connection with the vehicle propeller shaft, a

manually controlled clutch interposed between said aligned shafts, a third shaft journalled in the casing and projected from one side thereof and adapted for connection to a second propeller shaft, a power-transmission train interposed between said first and third shafts and comprising an overrunning clutch, a manually shiftable



clutching element interposed between said overrunning clutch and said third shaft and selectively shiftable to segregate said third shaft from the power-transmission train or to connect said third shaft with the power-transmission train through the overrunning clutch, or to connect the power-transmission train with said third shaft independent of said overrunning clutch.

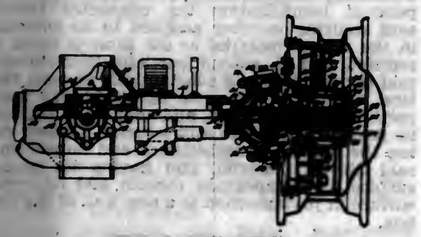
2,107,073

MOTOR VEHICLE DRIVE STEERING WHEEL AXLE STRUCTURE

Arthur W. Herrington, Indianapolis, Ind., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind., a corporation of Indiana

Application April 28, 1937, Serial No. 139,387

2 Claims. (Cl. 180—43)



1. A driven steering-wheel axle-structure comprising, a main casing having a middle compartment and oppositely-extended tubular portions, a differential gearing mounted in said compartment and having an axially-restrained live shaft journalled within one of said tubular portions, a wheel-carrying shell pivotally connected with said tubular portion of the main casing, a wheel journalled on said shell and having an axially-splined hub; and a universally jointed live-shaft structure having one end splined to the outer end of said live-shaft and freely axially movable outwardly relative thereto, and the other end splined to the hub of said wheel and freely axially movable relative thereto.

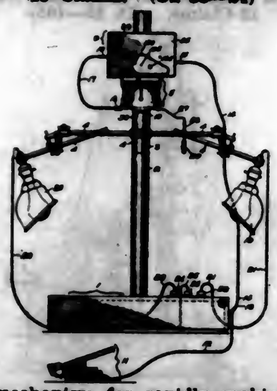
2,107,074

COPYING CAMERA EQUIPMENT UNIT

Edson S. Hinsline, Rochester, N. Y., assignor to The Folmer Graflex Corporation, Rochester, N. Y., a corporation of Delaware

Application January 23, 1937, Serial No. 122,018

19 Claims. (Cl. 88—24)



1. In mechanism for rapidly making photographic records and the like, an equipment unit including a camera and a magazine, said camera having a shutter and lens, and the magazine having therein pneumatic film feeding means; said unit including means to support the camera and magazine upon a basal formation in spaced, definite relation with respect to said records or the like, means mounting said camera and magazine to turn them upon the support through a wide arc toward and from the basal point of said support; and a manual-power, elongated, transmission member extending exteriorly of the camera and magazine, constituting a part of said unit, and adapted to have manual power applied thereto in a series of separate impulses of unlimited number and to transmit such manual power by each of said impulses to the film feeding means and shutter thereby to operate the film feeding means and shutter in any of said positions upon its support and in so doing conveying operating air into the magazine to the said pneumatic film operating means in the said magazine.

2,107,075

AUTOMATIC CLUTCH

Kenneth E. Lyman, Lake Forest, Ill.

Application August 30, 1933, Serial No. 687,432

3 Claims. (Cl. 192—105)



1. In an automatic clutch including driving and driven power transmitting members and a friction element contributing to the clutching connection between said members, means for automatically controlling the clutching element comprising relatively rotatable threaded members, means for adjusting the relative rotative position of said threaded members, centrifugally responsive weight members pivotal about said threaded members to impart pressure through one member to said element and means to synchronize the operation of said weight members to cause even distribution of the pressure imparted to the clutch member.

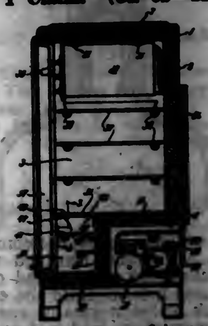
2,107,076

REFRIGERATING APPARATUS

George W. Mason, Detroit, Mich., assignor to Nash-Kelvinator Corporation, Detroit, Mich., a corporation of Maryland

Application February 25, 1937, Serial No. 127,624

1 Claim. (Cl. 62—116)



In combination in a refrigerator, a cabinet comprising heat insulating walls enclosing a food storage compartment including an offset portion, a cooling element for cooling said food storage compartment, adjustable partition means for separating said offset portion as an auxiliary storage compartment whereby the thermal coupling between the compartments may be varied to provide the desired degree of refrigeration in the auxiliary compartment, a machine compartment enclosed by said cabinet adjacent to and thermally insulated from said offset auxiliary storage compartment.

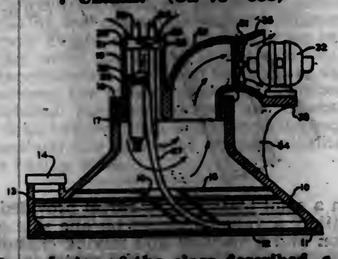
2,107,077

PSYCHROMETER

Philip G. Magner, Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware

Application January 18, 1935, Serial No. 2,366

7 Claims. (Cl. 73—338)



2. In a device of the class described, a casing adapted to contain a water supply therein in a lower portion thereof, a gas inlet and a gas outlet in said casing, means for passing a gas, the relative humidity of which is to be measured, through said inlet, downwardly through said casing, and said outlet, a thermometer extending in said inlet in the path of flow of the gas, a sock and wick secured to said thermometer, said wick extending substantially vertically from the upper end of said sock and downwardly into said water supply whereby the gas passes over said sock and said wick to bring the water supplied to said sock by said wick to substantially wet bulb temperature, and a partition in said casing above said water supply having an opening therein through which said wick extends whereby contact of the circulated gas with the water supply is prevented.

2,107,078

METHOD OF MAKING STOCKINGS

Louis H. Mendelsohn, Paterson, N. J.

Application July 24, 1936, Serial No. 92,331

4 Claims. (Cl. 66—148)



1. The method of forming the hereindescribed foot garment which consists in impaling one longitudinal edge of an elastic garter strip on a row of needles while holding said edge stretched beyond its normal length, causing such needles to draw a course of loops of yarn through said edge and thereupon forming a band-like portion of a knitted web of such yarn, then impaling the other longitudinal edge of the garter strip on the needles, again causing the needles to draw a course of loops of the yarn through the latter edge, and continuing to form the knitted web.

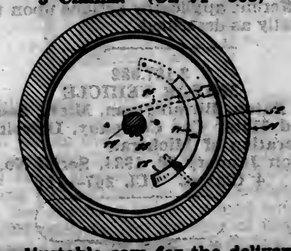
2,107,079

FUEL INJECTION PUMP

Hubert A. Mentele, Canova, S. Dak.

Application December 22, 1936, Serial No. 117,202

3 Claims. (Cl. 74—568)



1. An adjustable cam for the delivery plunger of a fuel pump comprising a rotatable cam carrier embodying a disk having an inclined arcuate groove in the surface thereof, a cam member slidably mounted in the groove and engageable with the plunger to actuate the same, a rack and pinion mechanism for slidably actuating the cam member in the groove to regulate the stroke of the plunger and means operable outwardly of the pump for actuating the rack and pinion.

2,107,080

ANIMAL TRAP

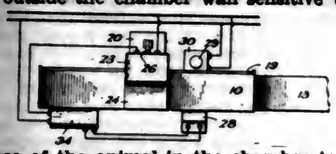
James Macdonald Mitchell, Old Lyme, Conn.

Application June 4, 1935, Serial No. 24,928

14 Claims. (Cl. 42—69)

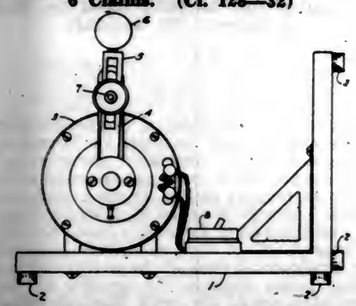
1. An animal trap comprising a trap housing, a chamber in the housing having an opening through which an animal enters the chamber, a

trap door, door actuating means, and means located outside the chamber wall sensitive to the



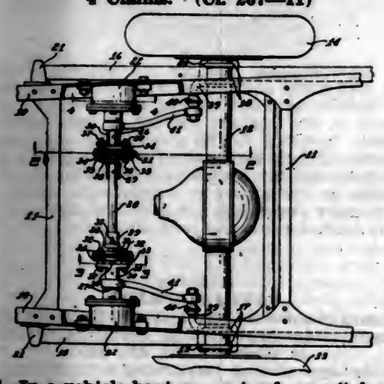
presence of the animal in the chamber to activate the door operating means.

2,107,081
ORTHOPEDIC INSTRUMENT
Charles Owens, Chattanooga, Tenn.
Application September 16, 1932, Serial No. 633,511
Renewed February 26, 1935
6 Claims. (Cl. 128—32)



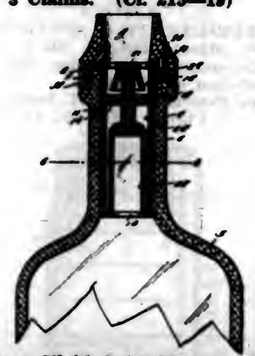
5. An instrument for the treatment of the feet comprising an applicator, power means for actuating said applicator, and a support for said parts beneath the applicator to rest on a floor or other surface, said support comprising two angularly disposed bases at substantially equal distances from the applicator, said instrument being shiftable to be supported by either of the bases to secure different applicator actions upon the feet, substantially as described.

2,107,082
MOTOR VEHICLE
Clyde R. Paton, Birmingham, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application January 20, 1934, Serial No. 707,450
4 Claims. (Cl. 267—11)



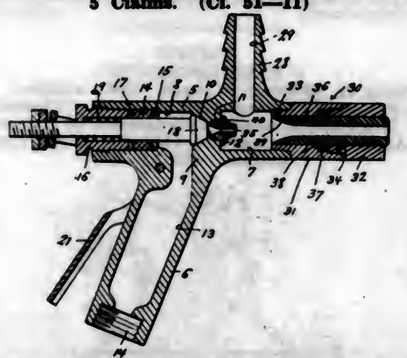
1. In a vehicle having a pair of oppositely disposed wheels, stabilizing mechanism comprising a shock absorber for each wheel, said shock absorbers being mounted on the vehicle in transversely spaced relation and each shock absorber having a movable portion, and torsion shaft means interconnecting the movable portions of said shock absorbers, said shaft means having a flexible section fixed therein permitting elongation and contraction thereof transversely of the vehicle.

2,107,083
NONREFILLABLE BOTTLE
Joseph Arthur Patterson, Brave, Pa.
Application April 22, 1937, Serial No. 138,441
3 Claims. (Cl. 215—19)



3. In a non-refillable bottle, the combination of a bottle neck, a cylinder confined within said neck, a perforated disk at one end of said cylinder, a valve seat intermediate the ends of said cylinder, a disk valve normally engaging said seat, means intermediate said seat and said perforated disk precluding access to said valve, a float member arranged within said cylinder below said seat, and said valve and said float member being complementarily provided for contact one with the other to transmit movement from one to the other, as and for the purpose specified.

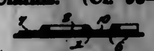
2,107,084
BLAST GUN
Clarence B. Fletcher, St. Joseph, Mich.
Application April 17, 1937, Serial No. 137,576
5 Claims. (Cl. 51—11)



1. In a sand blast gun, a barrel provided with a partition, a valve chamber on one side of the partition and a vacuum and mixing chamber at a relatively opposite side of the partition, an integral handle for said barrel having a water passage therethrough for supplying water to said valve chamber, a spring biased reciprocating

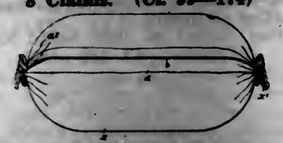
valve mounted in said barrel, and said partition having a bore therethrough and provided at one end of said bore with a seat against which said valve normally engages, a jet nozzle threaded into said bore of the partition and extending from said partition into said vacuum and mixing chamber, said jet nozzle being provided with an axial bore through which water under pressure passes into said mixing and vacuum chamber, and also being provided with a diagonal passage through which a jet of water passes into the last mentioned chamber to set up a turbulence therein for insuring a mixing of water and sand fed to the last mentioned chamber, said barrel being provided in the region of said last mentioned chamber with a nipple for the attachment of a hose thereto for supplying sand under air pressure to the last mentioned chamber, and a nozzle mounted on the mixing and vacuum chamber equipped end of said barrel.

2,107,085
METHOD OF MAKING CARDBOARD ARTICLES
Russell I. Rhodes, North Attleboro, Mass., assignor to The Mason Box Company, Attleboro Falls, Mass., a corporation of Massachusetts
Application January 28, 1936, Serial No. 61,169
6 Claims. (Cl. 93—39)



1. The method of making articles from sheet material which comprises superposing a plurality of sheets with adhesive therebetween to form composite sheet material, die-pressing the composite sheet material at recurrent locations to form a series of blanks each having a downturned peripheral wall, and then separating the blanks and trimming off the material outside said wall.

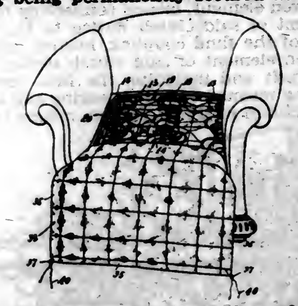
2,107,086
METHOD OF FORMING MEAT PRODUCTS
Herbert Ramsey, Jr., Nutley, N. J.
Application June 25, 1936, Serial No. 87,238
3 Claims. (Cl. 99—174)



1. The method of packaging a rotund body which consists in incorporating the body in a substantially cylindrical casing of the sheet material herein defined and so that the extremities of the casing shall extend beyond the body in opposite directions, and then, having wetted the material of the casing throughout substantially the whole extent of the latter, twisting said extremities while the casing is wet and said body is so incorporated and until the part of the casing between the twists formed is stretched, and maintaining said extremities in substantially their thus twisted form and hence the casing in substantially the degree of stretch attained until the casing dries.

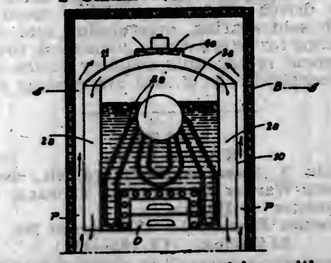
2,107,087
UPHOLSTERED FURNITURE
Frank Schlachta, Pittsburgh, Pa., assignor of one-half to Andrew K. Sypien, Pittsburgh, Pa.
Application November 24, 1934, Serial No. 754,618
3 Claims. (Cl. 155—184)

1. In an upholstered chair and the like comprising a substantially rectangular supporting frame, a platform mounted on said frame and including a plurality of seat-springs, side arms and a back inwardly upholstered, a substantially rectangular padding covering said springs, said padding being permanently secured at its front



edge to said frame, the other edges of the padding being free and tapered for ready insertion and frictional engagement between the seat-springs and the upholstered side arms and back of said chair.

2,107,088
REFRIGERATING APPARATUS
Leslie E. Scott and Ernest A. Smith, San Jose, Calif.
Application February 4, 1935, Serial No. 4,770
1 Claim. (Cl. 62—102)

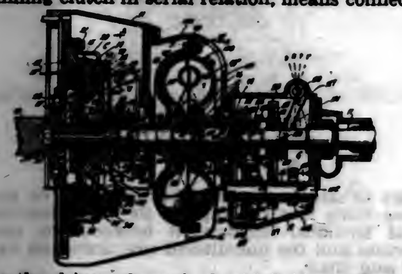


A refrigerating unit comprising with an enclosed compartment, an enclosed ice chamber mounted within the compartment and having its side walls spaced from the walls of the compartment to form air passages therebetween, a refrigerating element within the chamber, the side walls of the chamber being formed with vertical hollow fins open to the interior of the chamber and spaced apart horizontally to allow of a vertical flow of air therebetween outwardly of the chamber, a deflecting wall mounted with the chamber disposed over and spaced from the top of the chamber and overhanging said fins at the top thereof, said wall having a central opening and a fan mounted on the chamber to blow air downwardly through said opening from the space in the compartment above the same.

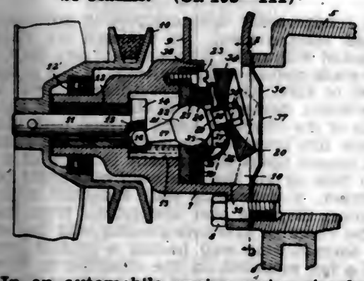
2,107,089
TRANSMISSION MECHANISM
Benjamin Arthur Swennes, Rockford, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application January 17, 1934, Serial No. 706,993
18 Claims. (Cl. 74—189.5)

1. A transmission mechanism for automotive vehicles comprising, in combination with a drive shaft and a driven shaft, a mechanical clutch

device having the driving element thereof connected to said drive shaft, a fluid coupling comprising an annular fluid-tight casing carrying internal impeller blades forming a driving element, and a runner enclosed in said casing forming a driven element, means connecting the driven element of said clutch device to the driving element of the fluid coupling, means connecting the driven element of said clutch device to said driven shaft and including the first mentioned connecting means, reduction gearing and an overrunning clutch in serial relation, means connecting the driven element of said fluid coupling to said driven shaft, means operable automatically upon an increase in the speed of said drive shaft above an idling speed to engage said mechanical clutch device, means in said fluid coupling effective coincidently with a further increase of speed to drive the driven element thereof and transmit the power of the drive shaft to the driven shaft at a higher speed than through said gearing, overrunning said clutch, and means for alternatively connecting the driving element of the fluid coupling to the driven shaft independently of said overrunning clutch.

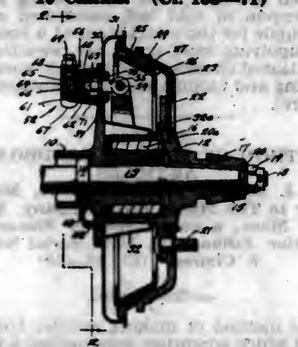


2,107,090
WATER PUMP
Benjamin A. Swennes, Rockford, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application January 10, 1935, Serial No. 1,195
23 Claims. (Cl. 103—111)



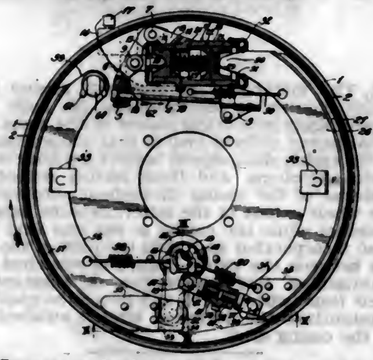
1. In an automobile engine water circulating pump, means providing an impeller chamber, means providing an oil chamber for lubricating oil, a drive shaft extending into the oil chamber through a bearing communicating therewith for lubrication, a partition separating the two chambers and having a bearing supplied with lubricant from the oil chamber, a wabble shaft universally fulcrumed intermediate its ends in the bearing on the partition and pivotally connected at one end to said drive shaft at a certain radius relative to the axis of rotation of the latter whereby movement is arranged to be communicated to that end of said shaft in a circle to produce corresponding movement of the other end, and an impeller on the other end of said shaft in the impeller chamber, the circular movement of such other end of the shaft imparting a planetary movement to said impeller.

2,107,091
BRAKE
Benjamin A. Swennes, Rockford, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application September 7, 1935, Serial No. 39,522
10 Claims. (Cl. 188—71)



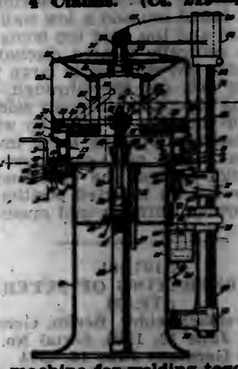
1. A brake comprising an arcuate axially displaceable friction member, an axially movable cam for displacing said friction member, a pivoted brake actuating member in support of said cam and actuative incident to a pivotal movement thereof to cause such axial movement of the said cam and said friction member.

2,107,092
BRAKE CONSTRUCTION
Benjamin A. Swennes, Rockford, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application August 26, 1936, Serial No. 97,934
3 Claims. (Cl. 188—152)



1. In a servo brake, a brake drum, a plate, a primary brake shoe, means for initiating engagement of said shoe by said drum, a secondary shoe, a forked extension on said secondary shoe, a pivoted lever mounted on said plate, rollers on the free end of said lever, and a link connecting said primary brake shoe to a point on said lever intermediate the rollers and pivot thereof, whereby a change in the spacing between said primary and secondary brake shoe as a result of the application of braking pressure is effectuated by a shift in position of said rollers on said extension.

2,107,093
ELECTRIC WELDING APPARATUS
Ralph A. Terrell, Chicago, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application April 13, 1936, Serial No. 74,077
4 Claims. (Cl. 219—4)



3. In a machine for welding together pieces of work, work-holder parts operable to press work pieces into assembly, and an expansible electrode providing mandrel means for guiding said parts into such assembly.

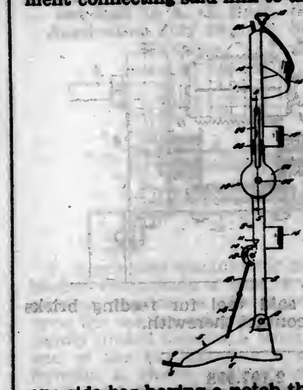
2,107,094
COLORED PHOTOGRAPHY
Oliver Arnold Townsend and Arthur Percival Masters, Wellington, New Zealand, assignors to Tru Colour Film Limited, Wellington, New Zealand
No Drawing. Application November 22, 1935, Serial No. 51,170. In New Zealand December 13, 1934
5 Claims. (Cl. 101—149)

5. Method of making photographic color prints consisting in dyetoning a bleached silver photographic image in a solution containing an iron blue dye, then in the presence of potassium bromide, pressing the image onto a surface to which it is to be transferred.

2,107,095
LEG BRACE
Norbert R. Wagner, Cleveland, Wis.
Application July 14, 1936, Serial No. 90,587
3 Claims. (Cl. 128—80)

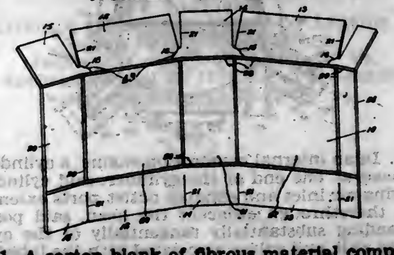
2. A leg brace of the class described comprising hingedly connected upper and lower sections, the upper section including side bars having openings therein, latches movable laterally of said side bars on the outer sides thereof for releasably locking the sections against relative swinging movement, and flexible pull elements extending from said latches inwardly through the openings to the inner sides of said bars for actuating said latches to inoperative position.

3. A leg brace comprising a pair of side bars, a foot saddle pivotally mounted on the lower ends of said side bars, an ear projecting forwardly from one of the side bars at an intermediate point, a segmental plate rotatably mounted on said ear, a link pivotally connected off center to said segmental plate, and an element connecting said link to the foot saddle, said



one side bar having a notch therein adjacent the ear for the reception of the link, said plate, link and element constituting means for supporting the foot saddle in raised or lowered position.

2,107,096
PACKAGE AND METHOD OF MANUFACTURE THEREOF
Albert Wesselman, Cincinnati, Ohio
Application March 3, 1934, Serial No. 713,902
7 Claims. (Cl. 229—37)

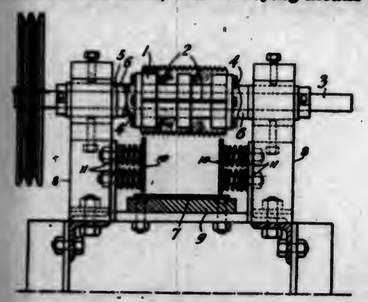


1. A carton blank of fibrous material comprising a plurality of side walls, end closing flaps carried by the side walls, said end flaps being foldable along transverse fold lines, the end flaps being separated by cuts extending transversely to the fold lines, said cuts extending entirely through the material and terminating a substantial distance from the fold line, the material on the side of the blank forming the outside of the carton, between the ends of said cuts and the fold line, being partially severed in alignment with the transverse cuts and decreasing in depth from a depth equal to the thickness of the material at the end of the transverse cuts to substantially a zero depth near the line of fold.

2,107,097
MACHINE FOR ROUGHENING BRICKS
Duncan Whitehouse, Mill Hill, London, England
Application January 25, 1937, Serial No. 122,277
In Great Britain January 2, 1936
3 Claims. (Cl. 125—26)

1. A machine for roughening the surfaces of bricks comprising a frame including a pair of spaced supports having journal bearings therein, a drive shaft mounted in said journal bearings, a roughening tool splined for longitudinal reciprocation on said shaft, cooperating cam means respectively on the supports and tool for causing

reciprocation of the tool on the shaft responsive to rotation of the shaft, and conveying means dis-



posed relative to said tool for feeding bricks across said tool in contact therewith.

2,107,098
INTERNAL COMBUSTION ENGINE
Clarence H. Wiegman, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application April 11, 1931, Serial No. 529,249
5 Claims. (Cl. 123—30.2)



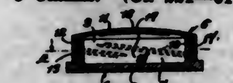
1. In an internal combustion engine, a cylinder, a head at one end of the cylinder, said cylinder having air inlet and exhaust outlet ports extending therethrough adjacent the head, said ports extending substantially tangentially of the cylinder wall, and valves associated with the interior ends of the ports and extending radially of the cylinder.

2,107,099
RAILWAY MAIL CAR
Samuel E. Wiley, Nashville, Tenn.
Application January 14, 1936, Serial No. 59,148
9 Claims. (Cl. 105—1)



1. A railway mail motor car comprising a wheeled body formed in its front end with a mail receiving opening, a rearwardly moving conveyor arrangement extending into said opening and designed to receive a sack of mail coming through said opening, said conveyor arrangement comprising a plurality of flights and means for driving each succeeding flight at a lower rate of speed than the preceding one, said means including means for driving the front portion of said conveyor arrangement at a speed approximately the speed of forward movement of the car.

2,107,100
DISPENSING CONTAINER FOR STYPTIC POWDER
Fred H. Beyer, Lockport, N. Y.
Application February 18, 1936, Serial No. 64,534
5 Claims. (Cl. 221—61)



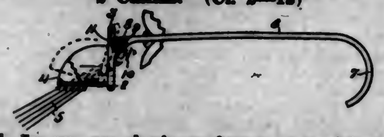
1. A dispenser for free flowing powders, comprising a wafer-like hollow body having a broad bottom and a broad top and a low wall connecting said bottom and top, said top being provided with a single centrally located discharge opening of small size but sufficiently large to permit the powder to flow out therethrough, said discharge opening extending through said top and the balance of the area of said top which surrounds the discharge opening being imperforate whereby upon filling said container approximately half full or less the container can be turned to any but an inverted position without spilling the powder through said opening.

2,107,101
INDIRECT GENERATING OF SUPERHEATED STEAM
Walter Breidtschneider, Berlin, Germany
Application June 12, 1935, Serial No. 26,283
In Germany June 16, 1934
3 Claims. (Cl. 122—31)



2. A high pressure steam generating steam circulating system comprising a boiler drum, radiation and convection superheaters respectively in series, a circulating pump for withdrawing steam from the boiler drum conveying the same through the said superheaters and reintroducing it as a heat carrier into the boiler drum, a by-pass connection from a point intermediate of the superheaters beyond the outlet of the radiation superheater to the boiler drum, means in this connection for the regulation of the flow of the steam therethrough, and means for withdrawing the useful steam from the circuit at a point between the convection superheater and said drum.

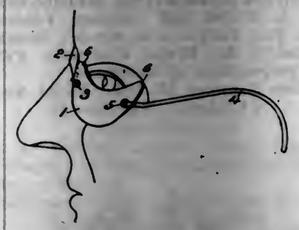
2,107,102
EYESHADE
Joseph W. Catron, Jr., Fortescue, Mo.
Application December 28, 1936, Serial No. 117,866
2 Claims. (Cl. 2—13)



1. In an eye shade, a frame comprising two rims and a bridge connecting said rims and adapted to rest on the nose of the wearer, said

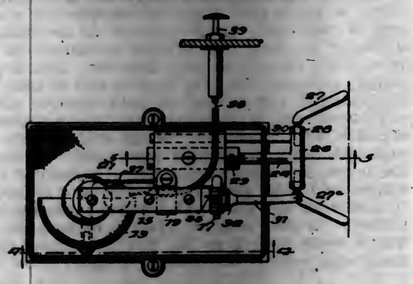
rims having respectively lower than said bridge two forwardly extending glare shield portions disposed, when the frame is in operative position, lower than the eyes and in positions in which they will intercept rays upwardly and rearwardly reflected toward the eyes, attaching means pivotally fastened to said frame for fastening said frame which permits the frame to be swung on a horizontal axis so as to tilt said shield portions at different angles to the horizontal and means for releasably locking said frame to said attaching means in the positions to which said frame may be adjusted.

2,107,103
EYESHADE
Joseph W. Catron, Jr., Fortescue, Mo.
Application June 1, 1937, Serial No. 145,802
2 Claims. (Cl. 2—12)



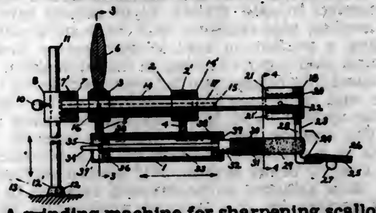
1. An eye shade comprising two glare shields, an inverted U shaped nose piece having universal joint connections respectively with the inner edge portions of said shields, and two temple bars having universal joint connections respectively with the outer edge portions of said shields and having downwardly extending rear ends adapted to respectively engage the rear sides of the ears, said nose piece and said temple bars in their operative positions holding said shields substantially upright and conformed to the face.

2,107,104
DIRECTION SIGNAL FOR VEHICLES
François Courtinade, New York, N. Y.
Application June 10, 1936, Serial No. 84,551
11 Claims. (Cl. 116—36)



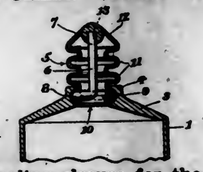
1. In a vehicle direction indicator, the combination of the steering wheels of the vehicle, an audible signal comprising a clapper and a gong, a slidable member for actuating said clapper, means abutting against but detached from one of the steering wheels of the vehicle at points fore and aft of the axle of said wheel for imparting a sliding movement to said member and connections between said member and clapper for moving the latter away from the gong.

2,107,105
GRINDER
Harry J. Criner, Davenport, Iowa, assignor of one-half to A. G. Bush, Davenport, Iowa
Application July 29, 1937, Serial No. 156,331
7 Claims. (Cl. 51—32)



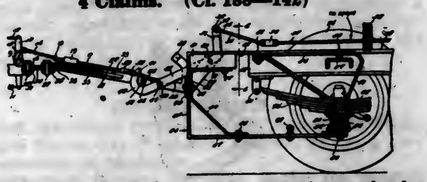
2. A grinding machine for sharpening scalloped blades, comprising a base, a supporting column secured thereto, a sleeve adjustably mounted upon the column supporting a transverse bar and rigidly united thereto, a block united to the free end of the bar carrying a key rigidly secured therein, a sleeve slidingly mounted upon the shaft and rotatable thereon, a shaft housing parallel with the sleeve and spaced therefrom, a grinder shaft revolvably mounted in the housing and carrying a cylindrical grinding head mounted thereon extending forwardly from the housing in combination with a head frame having successive slots formed therein adapted to receive the key, and means to secure the head frame in fixed spaced position relative to blade to be sharpened.

2,107,106
CLOSURE FOR CONTAINERS OF LIQUID OR SEMILIQUID SUBSTANCES
James M. Crook, Huntington, W. Va.
Application April 30, 1937, Serial No. 140,035
6 Claims. (Cl. 221—60)



1. A self-sealing closure for the opening of a container from which a substance is to be extruded by a pressure upon the substance, comprising a stopper in fixed relationship to the opening, a cap with an outlet perforation, and a flexible neck connecting the cap to the container, said neck being contractible to seat the rim of the perforation upon the stopper and axially stretchable upon the occurrence of said pressure to unseat the rim from the stopper.

2,107,107
TRAILER
James M. Davan, Rossville, Ill.
Application May 28, 1937, Serial No. 145,369
4 Claims. (Cl. 188—142)



1. In combination, a tractor having a brake system operated lever, a trailer having brake

means and an operating member therefor, a hitch connecting said trailer to said tractor, a normally engaged latch on said hitch operatively connected to said brake system operated lever of the tractor, said hitch comprising a first section connected to said tractor, a second section connected to said trailer, pivot means pivotally connecting said sections, said latch normally engaging a portion of said second section and retaining said second section in initial position, and an operating connection between said second section and said operating member of the trailer brake system, said brake system operated lever of the tractor being arranged to operate said latch in a released position upon application of the tractor brake system, said second section being then adapted to be pivoted relative to said first section by the forward momentum of the trailer relative to the tractor in a manner to work said operating member to apply said brake means of the trailer.

2,107,108
ROTARY TOOL
John De Mooy, Shaker Heights, Ohio, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio, a corporation of Ohio
Application January 22, 1936, Serial No. 60,203
17 Claims. (Cl. 81—54)



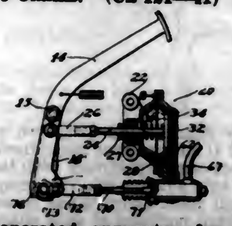
1. In a device of the character described, the combination of a work engaging member, a motor connected to said member for constantly imparting a torsional force thereto, and a power actuated rotatable hammer associated with said member for delivering a succession of blows thereto co-operating with the torsional force aforesaid for rotatably driving said member.

2,107,109
WATER BUBBLER
Albert Joseph Desrosiers, New Bedford, Mass.
Application April 22, 1937, Serial No. 138,456
1 Claim. (Cl. 210—94)



An attachment for a faucet comprising a substantially cylindrical rubber part, a downwardly tapered rubber part located in the first part and having its large end spaced from the upper end of the first part with its lower portion spaced from the internal walls of the first part, a body formed of transparent material having a passage therein which extends vertically from the upper end of the body downwardly to a point spaced from the lower end of the body and then extends upwardly and outwardly through an offset top part of the body, the upper end of the passage being threaded and the first rubber part having a reduced externally threaded part engaging the first-mentioned threaded part, the threaded part of the passage being larger than the rest of the passage to form a shoulder, a screen resting on the shoulder and a washer between the screen and the lower end of the rubber part.

2,107,110
POWER OPERATING MECHANISM
Wilfred A. Eaton and Stephen Verech, Pittsburgh, Pa., assignors to Bendix Westinghouse Automotive Air Brake Company, Pittsburgh, Pa., a corporation of Delaware
Application January 19, 1931, Serial No. 509,856
5 Claims. (Cl. 121—41)

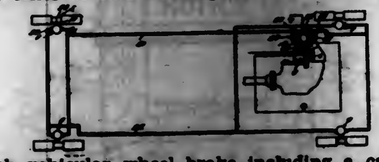


1. Power operated apparatus for motor vehicles comprising a vehicle controlling member, means for operating said member by power including a motor having a movable power-operated element operatively connected with said member, valve means for controlling the passage of motive fluid to and from said motor and for maintaining fluid therein to hold said member in a predetermined position, a valve operating lever pivotally mounted intermediate the ends thereof on said vehicle controlling member, one end of said lever being connected with said valve means to operate the latter during relative pivotal movement between said lever and member, the other end of said lever being adapted to be manually actuated to effect said pivotal movement of said lever with respect to said member, means positioned adjacent the first named end of said lever for limiting the extent of said relative pivotal movement, and a pressure responsive element associated with said valve means and directly and non-yieldingly connected with said one end of the lever, said pressure-responsive element being subjected to the pressure of the fluid conducted to and from said motor and thereby offering a resistance to said relative pivotal movement in a degree proportional to the power required to operate said vehicle controlling member.

2,107,111
HYDRAULIC BRAKE APPARATUS
James W. Etchison, Cleveland, Ohio
Application July 24, 1936, Serial No. 92,451
5 Claims. (Cl. 188—153)

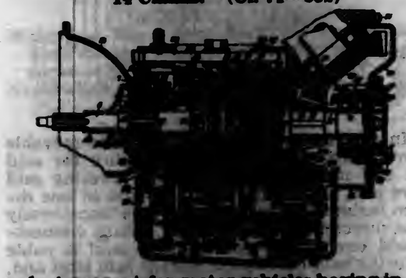
1. In a hydraulic brake apparatus, a plurality of hydraulic vehicular wheel brakes, a master cylinder, a pair of fluid conduits, a valve connecting said conduits with said master cylinder

and including a casing having an inlet port connected with the master cylinder and a pair of opposed outlet ports one for each of said conduits, a valve element positioned between said outlet ports and capable of movement in both directions under the influence of the fluid for opening one of the outlet ports and for closing the other of said outlet ports, and a valve for



each vehicular wheel brake including a casing having an outlet port connected with the associated wheel brake, a pair of oppositely disposed inlet ports one for each of said conduits, and a valve element positioned between said inlet ports capable of movement in both directions under the influence of fluid to open one of the inlet ports and to close the other of said inlet ports.

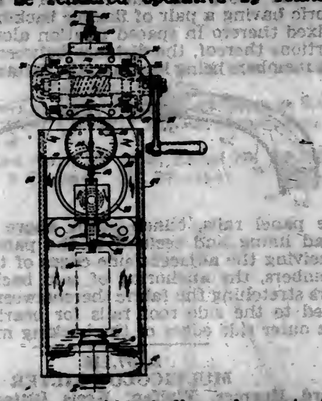
2,107,112
TRANSMISSION
Thomas L. Fawick, Akron, Ohio, assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application October 9, 1935, Serial No. 44,135
14 Claims. (Cl. 74—332)



1. A gear set for motor vehicles having in combination a driving shaft, a driven shaft, a countershaft, speed change and direct drive means between the driving and driven shafts and arranged on the driven shaft in coaxial relation with respect thereto, meshing gears connecting the drive shaft and countershaft, low ratio and second ratio gears fixed endwise on the driven shaft and against rotation with respect to said driven shaft, low ratio and second ratio gears rotatable freely on the countershaft and in constant meshing engagement with the low ratio and second ratio gears on the driven shaft, a reverse gear rotatable freely on the countershaft and operatively connected with said driven shaft, shiftable means on the countershaft for positively clutching said low ratio and second ratio countershaft gears selectively to said countershaft and for freeing same therefrom, and shiftable clutch means also on the countershaft for positively clutching said reverse gear to said countershaft.

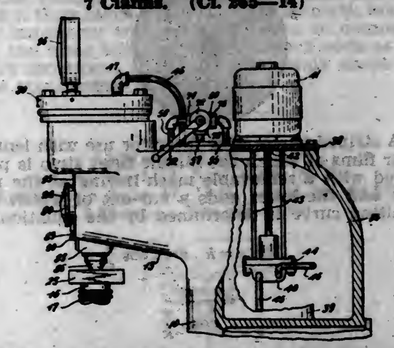
2,107,113
HARDNESS TESTING MACHINE
Joseph Gegan, Lakewood, Ohio
Application July 1, 1932, Serial No. 620,622
21 Claims. (Cl. 265—13)

24. In a testing machine the combination of a penetrater, an actuating spindle, means yieldably connecting said penetrator and spindle, an indicator, a member connected with the indicator and movable relative to the penetrater, and means adapted to be rendered operative by relative



movement between said spindle and penetrator for connecting said member to move with the penetrator.

2,107,114
HARDNESS TESTING DEVICE
Joseph Gegan, Lakewood, Ohio
Application March 6, 1935, Serial No. 9,622
7 Claims. (Cl. 265—14)



1. In a testing machine the combination of a frame having thereon a specimen supporting means and a test load applying means movable relative to the supporting means, a fluid containing reservoir, fluid pressure responsive means having operative connection with said load applying means for actuating the same, a pump having a discharge connection for supplying fluid from said reservoir under pressure to said responsive means, a pair of pressure relief valves adjusted to be opened respectively by fluid pressure corresponding substantially with a predetermined preliminary test load and a predetermined main test load, and means including a manually operable valve for selectively rendering said relief valves effective for controlling the pressure of the pump discharge.

2,107,115
MOTOR VEHICLE
Jacob Hammeri, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Application October 23, 1933, Serial No. 694,717
12 Claims. (Cl. 296—137)

1. In a roof structure for vehicle bodies, the

combination with a roof frame structure having roof side rails and a pair of panel rails intermediate and above the side rails, of a head lining fabric having a pair of flexible backing members affixed thereto in spaced relation along the side portions thereof, the distance between the backing members being less than the distance between



the panel rails, clinch strips above the fabric head lining and secured to the panel rails for receiving the adjacent side edges of the backing members, the anchoring of said backing members stretching the fabric therebetween and welts fixed to the side roof rails for bearing against the outer side edges of the backing members.

2,107,116
MULTICOLOR FILTER
Gerd Heymer, Wolfen, Kreis Bitterfeld, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
Application May 21, 1935, Serial No. 22,643
In Germany March 11, 1931
1 Claim. (Cl. 95—81.5)



A striped three-color filter for use with lenticular films of which the middle filter strip is provided with a removable mask having at the upper and the lower ends a cut-out of which the limiting curve is determined by the equations

(1) $$\varphi = k \cdot \text{arc} \cdot \cos \frac{a}{r}$$

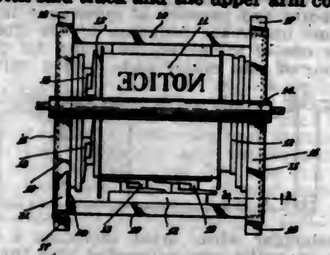
(2) $$r = \frac{a}{\cos \cdot \frac{\varphi}{k}}$$

(3) $$\psi = \text{arc} \cos \frac{a}{r}$$

k designating the ratio between the green and the sum of the red and blue filter areas,
a designating half of the breadth of the middle filter strip,
r designating the distance of a point of the curve from the center of the filter,
φ designating the angle between the middle line of a green filter strip and r, and
ψ designating the angle between a point where one of the concentric circles of the outline of the filter cuts the border of the green filter area and the perpendicular to this border line through the center of the filter.

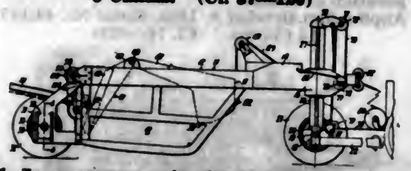
2,107,117
ROLLER BEARER FOR PRINTING MACHINES
John W. Johnson, Manhasset, N. Y.
Application December 30, 1936, Serial No. 118,236
7 Claims. (Cl. 101—348)

1. A roller bearer for printing machines embodying therein a vertically extending type high flange, a track adapted to be engaged by a composition inking roller extending perpendicularly from the top of said flange, and a spring clip having upper and lower arms and a base secured to said flange, both of said arms extending parallel with said track and the upper arm converg-



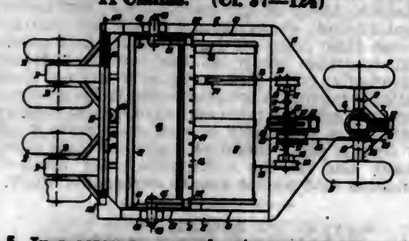
ing toward the other and being spaced below said track a distance permitting free flexure of said arm when applying the bearer to, or removing it from, a chase.

2,107,118
EARTH MOVING DEVICE
John F. Knapp, Oakland, Calif., assignor to American Tractor Equipment Corporation, a corporation of California
Application January 10, 1936, Serial No. 58,552
5 Claims. (Cl. 37—126)



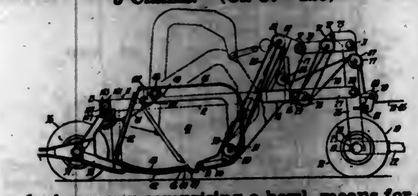
1. In a scraper, a bowl, an end gate movable to sweep dirt off said bowl, a closure for said bowl; and means for raising and lowering said closure and for moving said end gate in one direction including a carriage movable transversely of said direction, a stop therefor, means connecting said carriage to said closure, and a cable for moving said carriage to engage said stop and, upon continued cable movement, for moving said end gate.

2,107,119
EARTH MOVING DEVICE
Robert B. Price, Oakland, Calif., assignor to American Tractor Equipment Corporation, a corporation of California
Application May 20, 1936, Serial No. 80,726
11 Claims. (Cl. 37—124)



5. In a scraper, an end gate, means supporting said gate for a swinging movement, a door, means supporting said door for a swinging movement, and means for interengaging said supporting means upon movement of said door supporting means whereby said gate is swung by movement of said door.

2,107,120
EARTH MOVING DEVICE
Willis H. Yount, Oakland, Calif., assignor to American Tractor Equipment Corporation, a corporation of California
Application September 16, 1936, Serial No. 101,113
5 Claims. (Cl. 37—126)



1. A scraper comprising a bowl, means for discharging dirt therefrom including a gate supported above said bowl and movable thereover to discharge dirt thereon, closure means for said bowl hinged above said bowl and movable from a bowl closing position to a raised position above the bowl, said closure means including arms adjacent each side of said bowl, means extending from said gate and engaging said arms only after opening movement of said closure means, and means for moving said gate including a pulley carried by said gate, a pulley supported above said gate and a cable extended between said pulleys.

2,107,121
FOUNDATION GARMENT
Waldemar Kops, New York, N. Y., assignor to Kops Brothers, Inc., New York, N. Y., a corporation of New York
Application October 29, 1936, Serial No. 108,128
4 Claims. (Cl. 2—27)

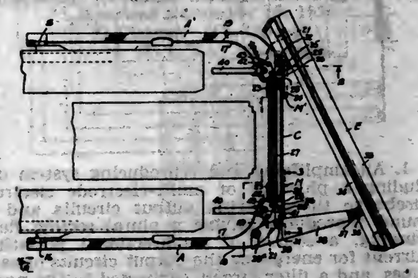


1. In a garment of the class described a body encircling member including a front section, an abdominal belt secured to said front section, said belt being of substantially uniform width throughout its length and comprising elastic material of progressively increasing elasticity in the direction of its length from top to bottom of the belt and being thereby arranged to produce a progressively increasing tension around the body from top to bottom of the belt, and means exerting an upward, yielding pull upon said belt adjacent its center.

2,107,122
COMPOSITION OF MATTER
Clemens A. Laise, Tenafly, N. J.
No Drawing. Original application September 10, 1934, Serial No. 743,460. Divided and this application October 22, 1936, Serial No. 107,016
6 Claims. (Cl. 75—136)

1. A hard metal composition consisting of a carburized alloy comprising tungsten, cobalt, chromium, thorium and iron substantially as follows: tungsten 80% to 90%, cobalt 2% to 13%, chromium and thorium .25% to 2.5%, iron .25% to 1.0%.

2,107,123
IMPLEMENT MOUNTING FOR ROAD WORKING MACHINES
John J. Low, Los Angeles, Calif., assignor to Kay-Brunner Steel Products Inc., a corporation of Delaware
Application April 20, 1936, Serial No. 75,381
9 Claims. (Cl. 37—144)



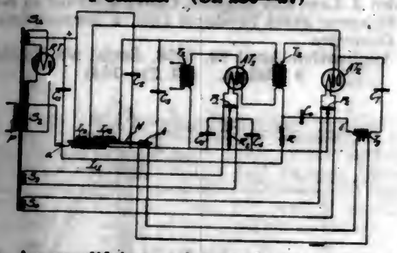
1. An implement mounting for road working machines, comprising; a pair of arms adapted at one of their ends to be pivotally supported on a road working machine at opposite sides thereof, and at their other ends to support an earth working implement thereon; and means so connecting the arms adjacent their forward ends as to allow movement of the arms relatively about an axis transversely of the arms.

2,107,124
ADJUSTABLE STAND
John Markert, New York, N. Y.
Application June 11, 1936, Serial No. 84,613
5 Claims. (Cl. 248—185)



1. In a stand the combination of a tube, a T shaped fitting comprising a longitudinal portion and a cross member, the upper end of the tube extending into said cross member, means to vary the extent of the entrance of the tube into said cross member, a supporting shaft rotatively supported in the longitudinal portion of the fitting, means coacting with the upper end of the tube to detachably clamp the supporting shaft and a table supported by said supporting shaft.

2,107,125
AMPLIFYING AND REPRODUCING SYSTEM
Benjamin F. Miessner, Short Hills, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application January 25, 1929, Serial No. 334,870
Renewed June 4, 1935
4 Claims. (Cl. 250—27)



1. An amplifying and reproducing system including a plurality of multi-electrode electron discharge tubes having output circuits and a sound reproducer having a plural section field winding, a source of unidirectional pulsating current for energizing the output circuits of said tubes, and a filter circuit connected to the positive and negative terminals of said source interposed between said source and said output circuits, one section of said field winding being series connected in the negative line of said filter and another section being series connected in the positive line thereof, said sections being so connected that the fields resulting from the flow of filter current therethrough are additive, the last winding section having an intermediate tap connected to the anode of the last of said tubes, the anode of a preceding tube being connected to the negative side of said last section, and the positive side of the latter being connected through a condenser to the positive side of the first winding section.

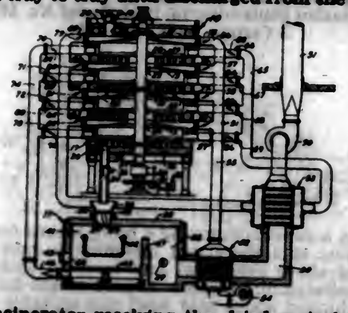
2,107,126
CONVERTIBLE SINK STRAINER
Abram N. Pasman, Milford, Conn.
Application May 13, 1937, Serial No. 142,327
11 Claims. (Cl. 4—291)



1. A strainer for a sink or the like consisting of a cylindrical cup-shaped body having a flat perforated bottom, a corrugated, perforated circumferential wall, and a handle attached to said bottom for the removal of said strainer from said sink, the perforations in said circumferential wall being located only in the depressed portions of said corrugations.

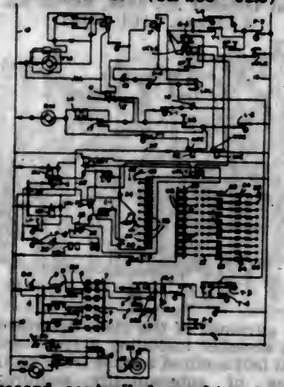
2,107,127
INCINERATION
William Raisch, New York, N. Y., assignor to Underpinning & Foundation Co., Inc., New York, N. Y., a corporation of New York
Application October 17, 1936, Serial No. 106,074
10 Claims. (Cl. 110—8)

3. In combination, a multiple-hearth dryer divided into compartments by vertically spaced trays including a group of hollow trays, and means for passing preheated air through said hollow trays and then through said compartments wherein the air becomes laden with moisture and vapors of volatile material, said dryer including means for feeding said material downwardly from tray to tray until discharged from the dryer,



an incinerator receiving the dried material and the air laden with moisture and vapors to burn the combustible material and eliminate noxious odors, and a heat exchanger in which the hot gases heat the air passing from the hollow trays to the compartments.

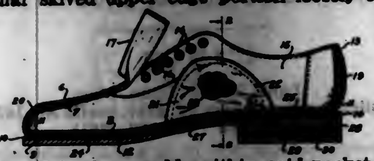
2,107,128
PAPER FEEDING MECHANISM
Engelbert Reingruber, Vienna, Austria, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application July 19, 1932, Serial No. 623,365
In Germany July 20, 1931
12 Claims. (Cl. 235—61.9)



1. A record controlled machine having total recording mechanism, mechanism for feeding a record strip adapted to receive entries from the recording mechanism, means controlled by the total recording mechanism for initiating operation of the feeding mechanism, and means controlled solely by a single designation in the record strip for interrupting operation of the feeding mechanism at a point determined by the location of said designation in the record strip.

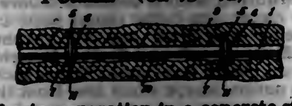
2,107,129
SHOE STRUCTURE
Chester F. Rehn and Franklyn A. Rehn, Milwaukee, Wis.
Application October 4, 1935, Serial No. 43,546
1 Claim. (Cl. 36—71)

In a shoe, upper structure comprising outer leather and an inner lining loosely engaging the interior of said leather at the arch portion of the shoe, a pocket pad visible from within the shoe and being secured along its upper edge to the interior of said lining to form a substantially semicircular pocket at said arch portion, a relatively stiff bracing pad having a substantially semicircular skived upper edge portion loosely con-



fined and freely movable within said pocket between said lining and pad and having a lower substantially straight edge at the open end of said pocket, an insole having an inseam ridge, a welt, and common securing means for fastening said welt, said outer material, said lining, and said pocket to said inseam ridge.

2,107,130
MEANS FOR PREVENTING THE FORMATION OF CONTINUOUS VOIDS IN CONCRETE MASSES
Tamis C. Schenk, New York, N. Y., assignor to Richmond Screw Anchor Co., Inc., Brooklyn, N. Y., a corporation of New York
Application May 25, 1937, Serial No. 144,623
1 Claim. (Cl. 72—71)



A rod for incorporation in a concrete structure, having a body portion of substantially uniform diameter extending from one side of the concrete structure to the other and provided with at least one disk tightly positioned on it and extending radially of it whereby said disk will be completely embedded in and surrounded by the concrete structure and will interrupt the formation of voids in concrete around the rod, which voids normally follow the body of the rod, and means for holding said disk in position on the rod comprising an annular raised rib integrally formed on the rod on each side of the disk whereby the disk is tightly gripped between said annular ribs and any space between the disk and rod is sealed and leakage between the disk and body of the rod is thereby prevented by said ribs.

2,107,131
RAILWAY TIE PLATE AND RETAINING CLIP
Frederick S. Schwinn, Houston, Tex.
Application August 24, 1935, Serial No. 37,739
2 Claims. (Cl. 238—249)



2. In combination, a tie plate formed on its top surface with a rail abutment shoulder and having a marginal portion slotted through the plate from the said shoulder to the adjacent edge of the plate and having a groove in the bottom surface of the plate which opens into said slot, and means for retaining the rail on said plate comprising a resilient rail retaining clip having a lower jaw adapted to be moved transversely of the rail in said slot and groove and provided with an upper jaw adapted to snap over the said shoulder of the plate to hold the clip member in its operative position.

2,107,132
CONDENSER CONSTRUCTION
Franklin S. Smith, New Haven, Conn.
Application November 25, 1931, Serial No. 577,395
Renewed November 16, 1936
43 Claims. (Cl. 175—41)



1. In condenser construction, in combination, a casing having a cover member, a rod supported by said cover member, a plurality of annular insulated condenser elements strung one after the other and lengthwise of and onto said rod, means for interfitting adjacent ends of said elements and for thereby holding them against displacement with respect to each other, means at the ends of said rod for engaging the end portions of the end elements of said plurality of condenser elements and for thereby holding them against displacement with respect to said rod, and means at the bottom of said container for holding the other end of said rod.

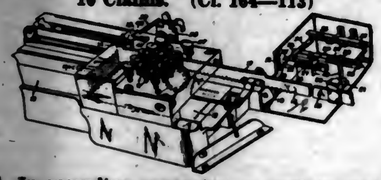
4. In condenser construction, in combination, a plurality of alined condenser units having opposed plate electrodes, each unit having an opening therethrough and connecting means exposed toward said opening for making electrical connection to the plate electrodes of the unit, a plurality of bus-bars insulated from each other and extending through the alined openings in said units, and said connecting means connecting plate electrodes of said units to said bus-bars.

21. In condenser construction, in combination, a casing having a bottom member and a closure member opposite to said bottom member, insulating terminal means carried by said closure member, supporting means supported by said closure member and having a length sufficient to engage said bottom member, capacitor means supported by said supporting means and electrically connected to said terminal means, whereby, upon assembly of said closure member to said casing, said capacitor means and supporting means are carried into said casing, means mechanically interrelating said closure member to said casing, and means whereby the inner end of said supporting means is anchored by said bottom member.

2,107,133
PREPARATION OF SOY SAUCE
Walter O. Snelling, Allentown, Pa.
No Drawing. Application January 12, 1937, Serial No. 120,290
9 Claims. (Cl. 99—145)

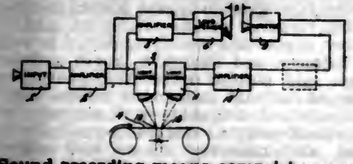
1. In the preparation of soy souce, the process which comprises partially but not completely hydrolyzing a protein by an inorganic hydrolyzing agent in the absence of organic enzymes, neutralizing the resulting reaction product if desirable and thereafter completing the hydrolysis by the action of enzymes produced by the yellow-green Aspergilli *A. flavus-oryzae*.

2,107,134
CARD PUNCH FEED MECHANISM
Hermann Adalbert Weinlich, Berlin-Charlottenburg, and Ulrich Kölm, Berlin-Lankwitz, Germany, assignors to International Business Machines Corporation, New York, N. Y., a corporation of New York
Original application January 14, 1932, Serial No. 586,496, now Patent No. 1,954,232. Divided and this application November 15, 1933, Serial No. 698,098. In Germany February 13, 1931
10 Claims. (Cl. 164—113)



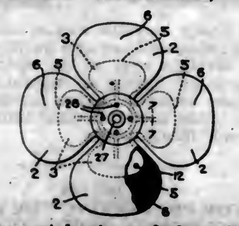
1. In recording apparatus, a carriage movable during recording operations, means for feeding said carriage; electrical means for rendering the feeding means operative, including a control circuit, and means for automatically controlling said circuit to feed the carriage predetermined extents, said automatic means including a support and two column stops each variably positionable along said support, one of the stops having the function of initiating carriage movement and the second stop of terminating carriage movement, and means engaged by first the initiating stop and subsequently engaged by the terminating stop for controlling said circuit whereby the first stop causes the electrical means to initiate carriage movement and the second stop causes the electric means to terminate such movement.

2,107,135
MEANS FOR NEUTRALIZING SOUND DISTORTION
Wesley Wilson, Chicago, Ill.
Application April 24, 1929, Serial No. 357,861
Renewed August 13, 1937
9 Claims. (Cl. 179—100.3)



1. Sound recording means comprising a sound recording circuit for making a permanent record corresponding to the sound waves energizing said circuit, a sound reproducing circuit energized by the output of said recording circuit, and a second sound recording circuit having distorting characteristics similar to the distorting characteristics of said first recording circuit energised by sound reproduced by said reproducing circuit for making a second permanent record on the same recording medium as used for the recording from said first recording circuit.

2,107,136
FAN
Louis Zaiger, Lynn, Mass.
Application September 25, 1937, Serial No. 165,729
6 Claims. (Cl. 230—261)



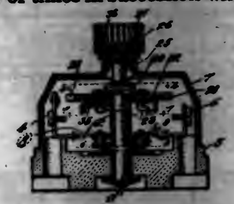
1. A fan element having a hub portion and a plurality of blades molded to shape from rubber, the dimension of each blade from the leading to the trailing edge being at least as great as the radial dimension thereof, and the hub portion and the inner radial end only of each blade being interiorly reinforced with a petaliform core member of sheet metal, the outer radial portion of each blade being free from any reinforcement and being sufficiently soft and flexible to yield when it engages an object and having the capacity to resume its normal shape when free from the object.

2,107,137
DEWAXING LUBRICATING OILS
Chester E. Adams and Frederick W. Sullivan, Jr., Hammond, Ind., and John A. Anderson, Chicago, Ill., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana
No Drawing. Application November 1, 1933, Serial No. 696,242
13 Claims. (Cl. 196—19)

1. The process of dewaxing a wax-bearing mineral lubricating oil which comprises diluting the oil with a diluent mixture comprising substantial amounts of a wax antisolvent and a cracked petroleum naphtha, chilling the diluted oil to a low temperature, whereby the wax is caused to precipitate therefrom while the oil is retained in solution in the diluent mixture, separating the wax from the oil and diluent, and subsequently removing the diluent from the dewaxed oil.

2,107,138
ELECTRIC SWITCH
Lester F. Bird, Newark, N. J., assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J., a corporation of New Jersey
Application June 28, 1937, Serial No. 150,696
5 Claims. (Cl. 200—1)

5. In a switch for starting vapor electric discharge devices, a base, a pair of terminals mounted on said base adapted to be connected to a source of power, a third terminal mounted on said base, a dial, means associated with the dial so that the rotation of the dial in one direction will close a circuit between said first pair of terminals, spring means resisting rotation of said dial in said direction, and means associated with said dial to open and close a circuit between said third terminal and one of said pair of terminals a plurality of times in succession when the spring



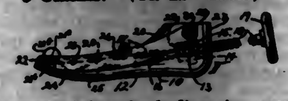
means rotate said dial in the reverse direction after the closing of the circuit between said first pair of terminals.

2,107,139
WASHING MACHINE
Glen G. Blandford, Grand Rapids, Mich.
Application January 10, 1936, Serial No. 58,442
4 Claims. (Cl. 259—101)



1. In a machine of the class described: a container element; a rigid supporting element therefor having downwardly tapering legs; an element for connecting the container element and the supporting element together connected to the container element and having parts bent over the legs respectively in tightly embracing relation therewith for permanently joining the supporting element and the connecting element together.

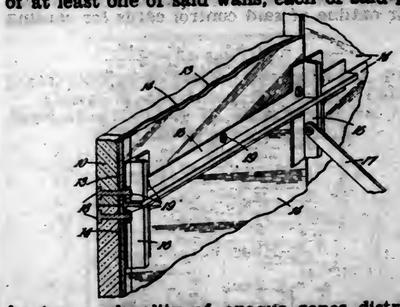
2,107,140
SHOE STRETCHER
Frank Cirelli, Philadelphia, Pa.
Application January 27, 1937, Serial No. 122,641
5 Claims. (Cl. 12—128.5)



1. A shoe stretcher including in combination a stretcher body, of two longitudinal halves held together at a point, at their rear ends and adapted to be spread in angular relation from said point, means for spreading said halves in angular relation, a downwardly and outwardly inclined upper face to each of said halves, a shell pivotally connected with the rear of said body near said point, and extending forward to lie loosely over said faces, cam edges at the sides of said shell, shaped and positioned to come in cam relation to said inclined upper faces, and as said halves are spread in angular relation to cause said shell to swing upward upon its pivoted end, near said point to lift the front portion of a shoe it may occupy.

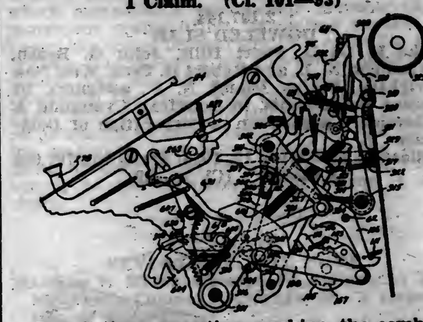
2,107,141
SQUASH-RACKET COURT AND THE LIKE
George Herbert Colt, London, England
Application November 25, 1936, Serial No. 112,627
In Great Britain December 2, 1935
7 Claims. (Cl. 189—1)

1. A games court comprising a plurality of upstanding walls, one of the surfaces of each of which serves as a playing surface, a plurality of transparent panels constituting at least a part of at least one of said walls, each of said panels



having a plurality of opaque zones distributed over its playing surface and a mesh screen disposed adjacent the other surface of the panels.

2,107,142
LISTING ADDING MACHINE
Loring Pickering Crosman, Maplewood, N. J., assignor to Gardner Company, Orange, N. J., a corporation of Delaware
Application January 23, 1937, Serial No. 122,002
1 Claim. (Cl. 101—93)

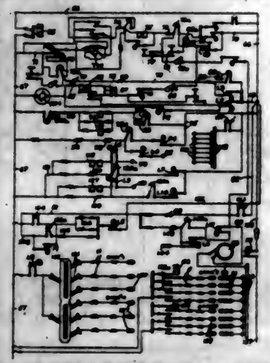


In a listing computing machine, the combination with operating means, printing hammers, differentially settable type bars, a platen, a ribbon guide, and an ink ribbon normally held by said guide against the type and spaced from the platen, of means engaging and normally restraining said ribbon guide but operable under control of the operating means to move the ribbon radially of and towards the platen, said operating means being timed first to control movement of the ribbon and thereafter to set the type bars and to cause operation of the hammers.

2,107,143
TABULATING MACHINE
George F. Daly, Johnson City, N. Y., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y., a corporation of New York
Application November 18, 1930, Serial No. 496,437
1 Claim. (Cl. 235—61.6)

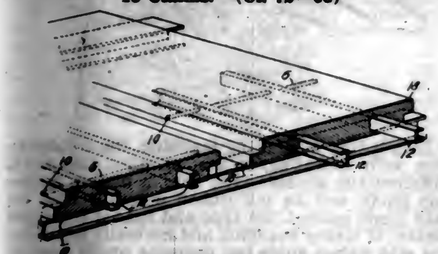
In a record controlled accounting machine, means for feeding record cards, normal control cards, and special control cards, said control cards having an irregular outline, and said special control card having in addition a special perforation in a predetermined position, an accumulator, means controlled by the record cards for entering

amounts therein, total taking mechanism including normally ineffective resetting mechanism for said accumulator, means controlled by the irregular outline of said control cards for causing



an operation of said total taking mechanism, and further means rendered effective by the special perforation in said special control card for causing said resetting mechanism to operate during a total taking operation.

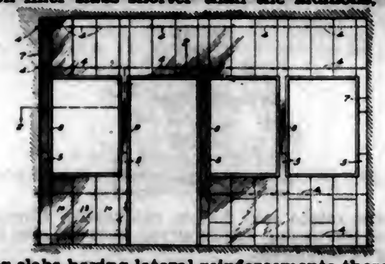
2,107,144
DOWELED SLAB
Clarke F. Davis, Short Hills, John G. Brush, Westfield, N. J., and Robert H. Peck, West New Brighton, Staten Island, N. Y., assignors, by mesne assignments, to American Cyanamid & Chemical Corporation, a corporation of Delaware
Application December 12, 1933, Serial No. 702,008
18 Claims. (Cl. 72—68)



1. A slab of set cementitious material having therein a dowel substantially coextensive with one dimension of the slab and at least partly bonded to the cementitious material, said dowel being readily removable from the slab without injury thereto with a structural element in the slab at right angles to the dowel.

2,107,145
DOWELED SLAB CONSTRUCTION
Clarke F. Davis, Short Hills, John G. Brush, Westfield, and Robert H. Peck, Elizabeth, N. J., assignors to American Cyanamid & Chemical Corporation, New York, N. Y., a corporation of Delaware
Application April 23, 1937, Serial No. 138,518
4 Claims. (Cl. 72—40)

1. A wall construction extending between the floor and ceiling comprising spaced apart mullions extending the full height of the wall, each mullion comprising a precast slab having longitudinal and lateral reinforcements therein, opening frames carried between mullions and resting upon filler slabs shorter than the mullions, the



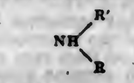
filler slabs having lateral reinforcements therein, some of the lateral reinforcements of the mullions extending into the filler slabs and vice versa.

2,107,146
BURNING BRICK
Thomas B. Dreher, Pottsville, Pa.
No Drawing. Application February 24, 1937, Serial No. 127,402
8 Claims. (Cl. 25—157)

1. A method of the character described for producing black brick which comprises cooling brick in a kiln from the burning high temperature to about one-half the burning high temperature, subjecting the cooled brick to an extended period of smoking, and then cooling the smoked brick quickly.

2,107,147
GUM INHIBITORS FOR GASOLINE
Harold Walter Elley and Herbert W. Walker, Wilmington, Del., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 22, 1929, Serial No. 387,737
15 Claims. (Cl. 44—9)

1. A motor fuel comprising cracked gasoline normally tending to form gum to which has been added, in an amount sufficient to inhibit the formation of gum therein, a substance from the group consisting of compounds of the type:



in which R represents a member of the class consisting of aryl, hydroxy aryl and alkoxy aryl groups and R' represents a member of the class consisting of hydroxy aryl and alkoxy aryl groups.

2,107,148
REFLECTOR ARC LAMP FOR THE PROJECTION OF COLORED PICTURES
Edgar Greteners, Berlin-Siemensstadt, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland, a Swiss corporation
Application February 6, 1936, Serial No. 62,592
In Germany February 1, 1935
1 Claim. (Cl. 176—118)

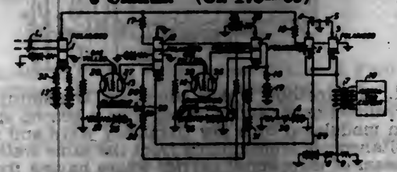
In an arc lamp comprising positive and negative electrodes, a magnetic coil surrounding the positive one of said electrodes and extending closely adjacent the point thereof, a sleeve closely surrounding said positive electrode adjacent said point, means rapidly cooling said sleeve, and

a metallic pot substantially enclosing said coil and having one wall disposed between the coil and



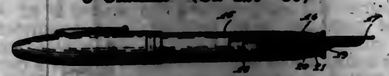
the electrode and another wall on the side of the coil away from the electrode.

2,107,149
SIGNAL DISTORTION INDICATING AND MEASURING DEVICE FOR PRINTING TELEGRAPH SYSTEMS
Richard B. Hoarn, Hollis, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 20, 1936, Serial No. 101,337
6 Claims. (Cl. 178—69)



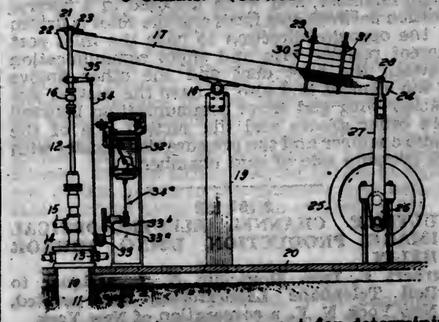
1. A signal distortion indicator comprising a source of signaling impulses transmitted in combinations of the start-stop type, an electromagnetic relay responsive to the signaling impulses from said source, a plurality of other electromagnetic relays responsive to the first-mentioned relay, certain of said other electromagnetic relays being responsive to the first impulse only of a start-stop signal combination repeated by said first electromagnetic relay, a thermionic discharge device, a storing element for said thermionic discharge device controlled by said combination of signal impulses and arranged to operate said device once only while each of said combinations of signal impulses is being received, a second thermionic discharge device, a storing element for said second thermionic discharge device controlled by said combination of signaling impulses and arranged to operate said second device a number of times while each of said combinations is being received, circuit means for comparing the individual operating time intervals of said second device with the individual operating time intervals of certain others of said plurality of other electromagnetic relays, and registering means for indicating any difference in the compared corresponding operating time intervals.

2,107,150
FOUNTAIN PEN
William F. Heising, Fort Madison, Iowa, assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa, a corporation of Delaware
Application September 21, 1935, Serial No. 41,565
8 Claims. (Cl. 120—50)



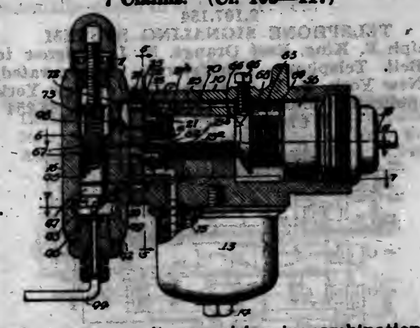
1. A feed bar for fountain pens comprising an elongated body having a plurality of longitudinally extending fissures over the peripheral surface thereof, said body having a plurality of reservoirs of a greater depth than said fissures and each of which intersects certain only of said fissures.

2,107,151
LOAD COMPENSATION IN OIL WELL PUMPS
George M. Higginson, Hawthorne, Calif.
Application October 17, 1934, Serial No. 748,626
9 Claims. (Cl. 234—29)



1. An apparatus arrangement for determining the state of load balance in the plunger stroke cycle of a reciprocating oil well plunger pump, which comprises a reciprocably movable chart, movement transmitting connecting means between the pump plunger and the chart for controlling the reciprocating movement thereof in unison with the plunger movement, means for tensioning the chart with respect to the movement imparting force of the plunger, a member reciprocating in equal time intervals, and means for making a continuous record of the movements of said member upon said chart and transversely to the direction of movement of said chart.

2,107,152
REVERSIBLE FUEL PUMP
Matthew W. Huber, Chicago, Ill., assignor to Tuthill Pump Company, Chicago, Ill., a corporation of Illinois
Application August 13, 1936, Serial No. 95,797
7 Claims. (Cl. 103—117)



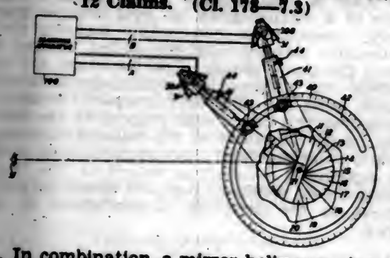
1. A pump unit comprising in combination, a pump housing having a face at one side and a pump chamber opening on to said face, means forming an inlet duct for fluid terminating adjacent to said face, a reversible rotor in the pump chamber, an element having a face positioned in spaced relation with said face of the pump housing and provided with a pair of grooves therein, and a plate between the two faces having a suc-

tion slot, a pressure slot and a fluid inlet port, and adapted when disposed in one position between said faces and the rotor is driven in one direction to have the inlet port thereof register with and effect communication between the inlet duct and one of the grooves in the element and also to have the suction slot register with and effect communication between said one groove and the suction side of the pump chamber and the pressure slot register with the pressure side of the pump chamber, and when disposed in a reverse position between said faces and the rotor is driven in the opposite direction to have the inlet port thereof register with and effect communication between the inlet duct and the other groove in the element and also to have the suction slot register with and effect communication between said other groove and the suction side of the pump chamber and the pressure slot register with the pressure side of said chamber.

2,107,153
MULTIPLE CHANNEL ELECTRO-OPTICAL IMAGE PRODUCTION USING MIRROR HELIX

Herbert E. Ives, Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application December 1, 1934, Serial No. 755,572
12 Claims. (Cl. 178—7.3)

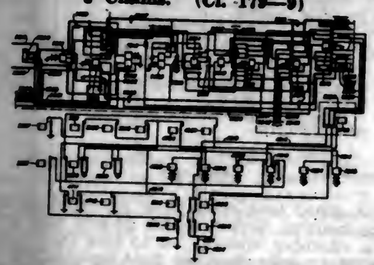


1. In combination, a mirror helix scanning device, a plurality of strip sources of light simultaneously energized by image currents, and means for positioning said helix and said sources for causing the production of a plurality of mutually superimposed complete images.

2,107,154
TELEPHONE SIGNALING SYSTEM

Ralph E. King, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application March 11, 1936, Serial No. 68,254
6 Claims. (Cl. 179—9)

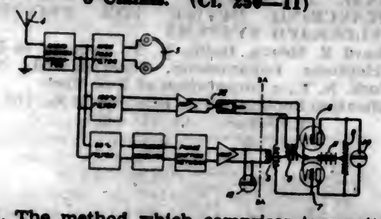


1. In a telephone system, a trunk circuit, means for establishing connections from a calling subscriber's line to a called subscriber's line, a plurality of relays associated with said trunk circuit, means responsive to the operation of one or more of said relays in the successful establishment of a connection to signal the called subscriber's line, an additional relay, and means responsive to the operation of one or more of said plurality of relays in combination with said additional relay, in accordance with different causes of failure to successfully establish a connection to give a discriminating indication to the calling subscriber's line of the cause of said failure.

2,107,155
RADIO DIRECTIONAL INDICATOR

James D. Kleinkauf, East Orange, and De Loss K. Martin, West Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application July 27, 1935, Serial No. 33,458
8 Claims. (Cl. 250—11)

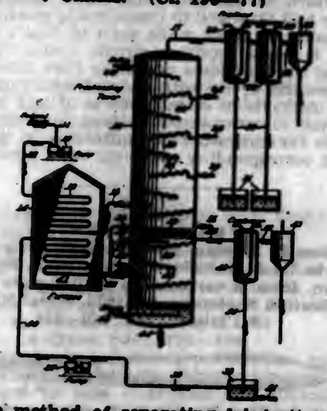


1. The method which comprises transmitting non-directional carrier waves from a beacon station modulated by a low frequency wave and simultaneously transmitting from the same station a beam of directional carrier waves having fixed directivity in such direction as to emit substantially no energy of the directional waves along a definite course and directional energies of opposite phases on opposite sides of the course and deriving an indication of the relative position of a point in space with respect to the beacon station solely by interaction at the point, of the low frequency modulation component of the non-directional received waves with energy of the beam of directional waves received at the point.

2,107,156
MINERAL OIL DISTILLATION

Wayne E. Kuhn and Lebbeus C. Kemp, Jr., Port Arthur, Tex., assignors to The Texas Company, New York, N. Y., a corporation of Delaware

Application May 28, 1934, Serial No. 727,970
7 Claims. (Cl. 196—77)



1. The method of separating lubricating oils and asphalt from a topped crude oil in a continuous process, which comprises heating the topped crude oil to a distillation temperature while avoiding any substantial decomposition thereof and passing the oil into a fractionating zone, fractionating the oil therein while maintaining a substantial dry vacuum to produce distillate lubricating oil fractions and a heavy unvaporized fraction, withdrawing the latter, separately heating a lighter more refractory oil to a temperature materially above the temperature of the withdrawn unvaporized fraction, simultaneously flashing the withdrawn unvaporized fraction and the lighter more refractory oil into a separate vacuum fractionating zone in such manner that additional heat is imparted from the lighter more refractory oil to the heavy fraction to thereby raise the temperature of the heavy fraction to a distillation temperature, but for such a relatively short period of time that any substantial decomposition thereof is prevented, fractionating the mixture therein, while introducing steam into the separate fractionating zone to assist in the distillation therein to obtain a heavy distillate lubricating fraction, and removing an asphalt as residuum from the separate fractionating zone.

2,107,157
EXPLOSIVE

Harold A. Lewis, Wilmington, Del., and Fred R. Wilson, Bloomfield, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application January 22, 1936, Serial No. 60,260
8 Claims. (Cl. 52—14)

1. An ammonium nitrate explosive charge adapted for use in coal mining, and having a low velocity and a low rate of pressure development, said explosive comprising more than 65% ammonium nitrate of a degree of fineness such that substantially the greater part thereof will be held on a 24-mesh screen and substantially all thereof will be held on a 35-mesh screen, said explosive being cartridged in a diameter not less than 1½", whereby a substantially complete utilization of the explosive strength of the ammonium nitrate is assured.

2,107,158
TELEPHONE SYSTEM

Herbert A. Lewis, Bayside, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application February 26, 1937, Serial No. 127,908
8 Claims. (Cl. 179—27)



1. In a system comprising cross-bar switches, subscribers' lines, holding bars, selecting bars, links, means for establishing a connection between a calling subscriber's line and a called subscriber's line over a link through a switch responsive to the automatic selection of two selecting bars and the manual operation of two holding bars, and manually operative means for identifying the two manually operated holding bars for the restoration thereof to normal to release said established connection.

2,107,159
IMPROVED COLORING MATERIAL

Thomas A. Martone, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

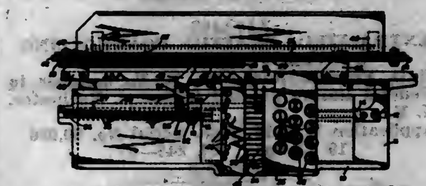
No Drawing. Application November 30, 1934, Serial No. 755,415
10 Claims. (Cl. 134—58)

1. A process for producing an improved water-insoluble pigment which comprises admixing aqueous solutions of two compounds which react without an oxidation step to form said pigment, one of said solutions containing a water-soluble sulfate of an acetylated, unsaturated, normal, primary alcohol having twelve to eighteen carbon atoms in the molecule and both of said solutions being free from emulsified oils.

2,107,160
PERFORATING MACHINE

Derk J. Oldenboom, Endicott, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application January 16, 1935, Serial No. 1,991
4 Claims. (Cl. 164—112)

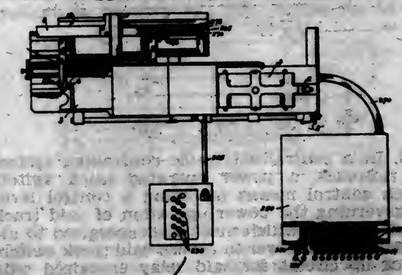


1. In a perforating machine, a base, a punch support mounted on said base, a series of punches mounted in said support, means for operating said punches, a card carrier slidable along said base to carry a card to the punches, manual means for freely sliding said card carrier back and forth and a device for inhibiting operation of the punches while the card carrier is being manually moved in either direction.

2,107,161
PUNCH

Ralph E. Page, Binghamton, N. Y., assignor to International Business Machines Corporation, New York, N. Y., a corporation of New York

Application May 9, 1936, Serial No. 78,748
14 Claims. (Cl. 164—113)



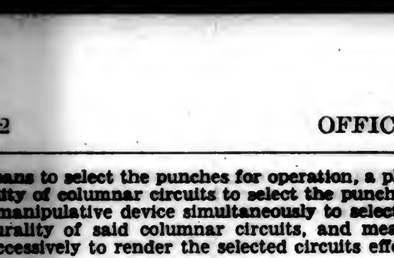
1. In a card perforating machine, the combination of a plurality of punches, key operated

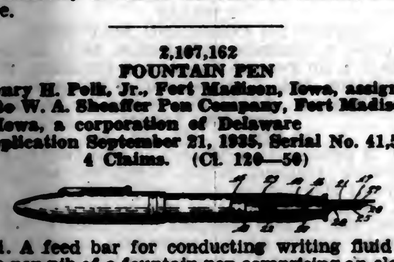
means to select the punches for operation, a plurality of columnar circuits to select the punches, a manipulative device simultaneously to select a plurality of said columnar circuits, and means successively to render the selected circuits effective.

2,107,162
FOUNTAIN PEN
Henry H. Polk, Jr., Fort Madison, Iowa, assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa, a corporation of Delaware
Application September 21, 1935, Serial No. 41,548
4 Claims. (Cl. 120—50)

1. A feed bar for conducting writing fluid to the pen nib of a fountain pen comprising an elongated housing having intercommunicating enlarged and reduced bores extending over a major portion of the length thereof, the reduced bore communicating with a slot adjacent the underneath surface of the pen nib, and spaced cylindrical inserts fitting within said bores to provide a reservoir therebetween, one of said inserts having a plurality of longitudinally extending fissures at the peripheral surface thereof opposite to and communicating with said slot.

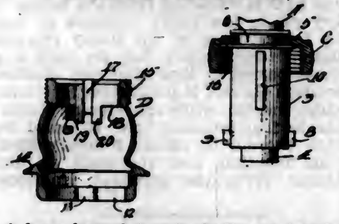
2,107,163
CENTRALIZED TRAFFIC CONTROLLING SYSTEM FOR RAILROADS
Neil D. Preston, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.
Application May 16, 1936, Serial No. 80,096
19 Claims. (Cl. 246—3)





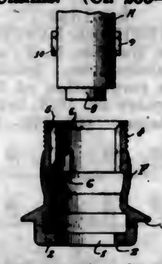
18. In a centralized traffic controlling system for railroads, a power operated track switch, switch control means including a control lever for governing the power operation of said track switch, a relay which must be deenergized to allow said control lever to govern said track switch, a pick-up circuit for said relay energized only when said track switch is in correspondence with said switch control means and only when said lever is capable of controlling said track switch, and stick circuit means for said relay deenergized by movement of said lever.

2,107,164
TAP CONSTRUCTION
Frank E. Rice, Detroit, Mich., assignor to American Tap-Bush Company, Detroit, Mich., a corporation of Delaware
Application February 28, 1936, Serial No. 66,216
Renewed June 5, 1937
6 Claims. (Cl. 285—40)



5. A beer barrel tap including a tap body, an attaching sleeve adapted to engage a tap bush, a threaded ring for connecting said sleeve to said body, said body having an axially extending lug and said sleeve having an internally formed axially extending recess to engage said lug to prevent relative rotation of the sleeve and body during application of the tap to a bush, said body having another lug angularly and axially spaced from said first lug engageable by said recess for application and removal of the sleeve to said body and positioned to prevent separation of the sleeve from the body when said sleeve is disconnected and dropped free of engagement with said ring.

2,107,165
TAP CONSTRUCTION
Frank E. Rice, Detroit, Mich., assignor to American Tap Bush Company, Detroit, Mich., a corporation of Delaware
Application April 9, 1936, Serial No. 73,395
5 Claims. (Cl. 285—40)



1. In a tap construction including a pair of telescopable and separable clamp members provided with opposed means adapted to clamp a member interposable therebetween, and a member rotatably engaging one of said pair of members and threadedly engaging the other of said pair of members arranged rotatable to produce relative axial movement of said pair of members to advance them to clamping position in one direction of movement and to retract them to clamp release position in the other direction of movement to provide for separation of said pair of members in the latter position, cooperable locking means formed on said pair of members to retain them in assembled relation for removal from the clamped member as a unitary assembly when said rotatable member has been turned to retract said pair of members to clamp release position, said pair of members being relatively rotatable to unlocked position only while in the advanced position.

2,107,166
ART OF PACKING MEAT PRODUCTS
Herbert Ramsey, Jr., Nutley, N. J.
Application November 23, 1935, Serial No. 51,093
1 Claim. (Cl. 99—174)



The method of molding and smoking irregular pork butts or similar pieces of meat which consists in providing a tubular flexible elastic porous casing, placing separate butts in said casing at intervals longitudinally of the casing, securing one end of the casing in a fixed position, twisting said casing between each butt while exerting sufficient pressure on the butts for uniformly compressing the butts into a compact smooth and shapely mass, retaining the twisted portions of the casing against unwinding to maintain the compression on said butts, subjecting the encased and compressed butts to a smoking treatment for solidifying the compressed butts and for further contracting the casing.

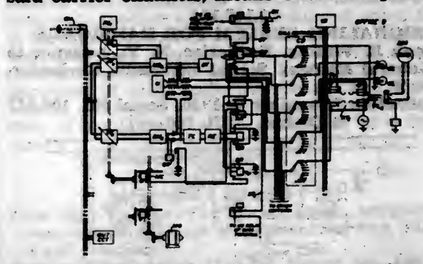
2,107,167
BOTTLE CLOSURE
Milton Sierad, New York, N. Y., assignor to George W. Button Corporation, New York, N. Y., a corporation of New York
Application April 20, 1934, Serial No. 721,527
3 Claims. (Cl. 221—148)



1. An elastic stopper element adapted to be located in the opening of the neck of a bottle, having a flange integral with the material of said element to substantially cover the top surface of the neck of the bottle, said element having a bore, in which the wall converges evenly downward throughout the length of the stopper to form a substantially straight surface for dropping the liquid from the bottle.

2,107,168
CARRIER COMMUNICATING SYSTEM
Warren H. Tidd, White Plains, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application February 12, 1936, Serial No. 63,510
11 Claims. (Cl. 179—15)

10. In a carrier communicating system provided with a number of carrier frequency communicating channels, the combination with a common medium of means for temporarily modulating any one of said carrier frequencies with any one of a plurality of calling frequencies, an incoming terminal connected to said medium comprising a filter variable to pass each of said carrier frequencies, a demodulator responsive to each of said carrier frequencies, a relay bridged across said demodulator and responsive upon the demodulation of any one of said carrier frequencies, a filter bridged across said demodulator and tuned to be responsive to a particular one of said calling frequencies, a second relay responsive to the passage of said calling frequency through said tuned filter, means for continuously varying said variable filter to scan all of said carrier channels, means effective upon the



operation of said second relay for arresting the variation of said variable filter in a position to maintain said terminal tuned to the carrier frequency so modulated, a signal controlled by said second relay for indicating an incoming call, and means controlled by said first relay for maintaining said signal operated following the withdrawal of said calling frequency.

2,107,169
STAPLING MACHINE CORE
William F. Weber, Chicago, Ill.
Application August 27, 1934, Serial No. 741,658
2 Claims. (Cl. 1—3)



1. A beam magazine for a stapling device comprising a member for limiting the outward displacement of staples, a core of laminated strips for supporting and guiding such staples and over which the legs of the staples extend, the topmost of said strips having an offset section, and core fastening means in said offset section.

2,107,170
CASING MACHINE
Charles H. Wild, Baltimore, Md., assignor to Burt Machine Company, Incorporated, Baltimore, Md., a corporation of Maryland
Application January 14, 1936, Serial No. 59,026
20 Claims. (Cl. 226—15)



1. In a casing machine provided with a can-holding rack adapted to receive and hold a plurality of cans for ejecting into a case, an ejector mounted for reciprocal movement in the rack for ejecting the cans therefrom into a case, means

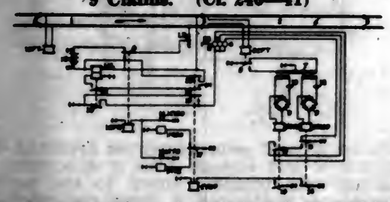
arranged and adapted to control the movement of the ejector and the rack for giving said ejector and said rack a relative movement whereby a row of cans in said rack is moved with the rack upon a return movement and ejected from said rack by the forward movement of said ejector.

2,107,171

SIGNALING SYSTEM FOR RAILROADS

Joseph E. Willing, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application November 6, 1936, Serial No. 109,517
9 Claims. (Cl. 246—41)



1. An approach control system for coded track circuits comprising; in combination with a plurality of track sections each having a signal; a source of current and a coding device for controlling the supply of current to the track rails of the corresponding section from said source to conform with distinctive codes each comprising a plurality of current impulses, a series relay for each track section included in series with its source of current and effectively energized by the increase in the current above that normally supplied to the track rails caused by the presence of a train; said relay when effectively energized automatically initiating operation of the signal next in advance; and a stick circuit for each of said relays controlled by traffic in advance thereof for maintaining said relay energized while said source of current is, between code impulses, temporarily disconnected from the track rails.

2,107,172

VARIABLE INDUCTANCE RADIO FREQUENCY COIL

Alfred Agricola, Berlin-Neutempelhof, Germany, assignor to Allgemeine Elektricitats Gesellschaft, Berlin-Tempelhof, Germany

Application June 5, 1935, Serial No. 25,022
In Germany June 23, 1934
4 Claims. (Cl. 171—242)



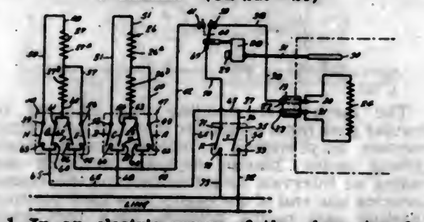
1. An inductance coil provided with a combination core and enclosure composed of compressed powdered magnetic material, said combination core and enclosure comprising a pair of substantially circular shell halves both of said shell halves having formed thereon centrally located hubs, the hub of one of said shell halves being provided with a recess for receiving the hub of the other shell half, said coil being wound around the outer periphery of one of said hubs, said recess and cooperating hub being eccentrically positioned with respect to the outer rims of the shell halves whereby the inductance of the coil may be varied by rotating one of the halves of the shell with respect to the other thereof.

2,107,173

ELECTRIC RANGE AND CONTROL SYSTEM THEREFOR

William Bauer, Mansfield, Ohio, assignor to The Tappan Stove Company, Mansfield, Ohio, a corporation of Ohio

Application February 19, 1937, Serial No. 126,684
3 Claims. (Cl. 219—20)



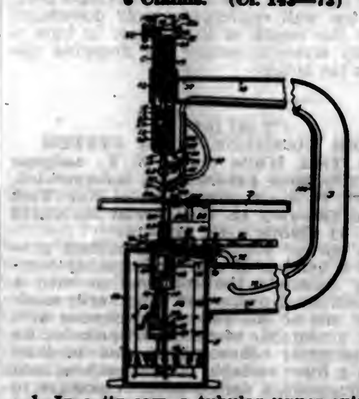
1. In an electric range of the character described, the combination of an enclosed burner and an exposed burner, an adjustable thermostat associated with and responsive to heat generated by the enclosed burner and unaffected by the operation of the exposed burner, a feed line connected with said thermostat and having branches therebeyond connected respectively with the exposed burner and the enclosed burner, said thermostat being operable to prevent simultaneous supply of current to both burners and serving to maintain the enclosed burner in operation until a predetermined temperature is reached and then to automatically deenergize the enclosed burner and to energize the exposed burner until the temperature adjacent the enclosed burner falls below a predetermined point and then to automatically deenergize the exposed burner and to energize the enclosed burner, said exposed burner being operable only when the temperature adjacent the enclosed burner is above a predetermined point at which the thermostat is set.

2,107,174

JIGSAW

John E. Beice, Toledo, Ohio

Application January 17, 1934, Serial No. 706,948
6 Claims. (Cl. 142—73)



1. In a jig saw, a tubular upper spindle head, provided with diametrically opposed lineal slots,

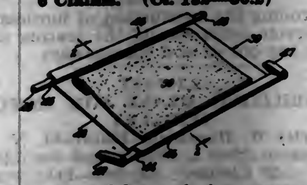
a spindle slidable axially in the lower end of said head, a spring contained within said head and attached at its lower end to the upper end of said spindle, and means connecting the upper end of said spring to the head, comprising a stud extending transversely through said slots and through said head, a head on one end of said stud, engaging one side of said spindle head, and a nut threaded on the other end of said stud and engaging the other side of said spindle head, the spring being hooked over said stud.

2,107,175

HAIR WAVING WRAPPER PAD

Piaton Constantine, New York, N. Y.

Application September 1, 1936, Serial No. 98,895
6 Claims. (Cl. 132—36.2)



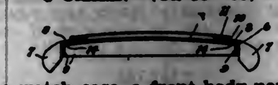
1. A wrapper pad for enclosing a wound strand of hair during a permanent hair waving process comprising a flexible rectangular shape wrapper body, an absorbent pad secured to said wrapper body for infolding therein, parallel side rails along opposite sides of said wrapper body and projecting from opposite ends thereof, and means for securing the projecting ends of the side rails together when the wrapper body is rolled into tubular formation around a wound strand of hair to be waved.

2,107,176

WATCHCASE

Julius Dinhofer, New York, N. Y.

Application April 15, 1937, Serial No. 136,961
3 Claims. (Cl. 58—88)



3. In a watch case, a front body portion, having a side wall and a top flange, the top flange defining an aperture, a bezel fitting said aperture and having a lateral flange abutting against the back of the body portion about the aperture, said flange engaging the side wall on the body portion with a snap fit to hold the bezel in position.

2,107,177

STRANDED CONDUCTOR

Homer W. Dudley, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

Application November 1, 1934, Serial No. 750,926
1 Claim. (Cl. 173—13)



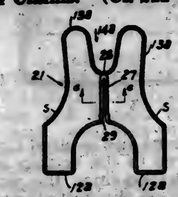
A high frequency transmission system including a stranded conductor carrying currents of superaudible frequency, said conductor comprising a multiplicity of reentrantly stranded filamentary wires, some of said wires being insulated and others uninsulated and corrosion-proof, and means binding said conductor to insure good electrical contact between said uninsulated wires at such points as they come in contact with each other, whereby there is leakage of current from each of said uninsulated wires at a point of contact with another of said uninsulated wires that is further removed from the center of the conductor at that point, the average current density in said conductor decreasing gradually from the periphery of said conductor inwards and the effective resistance of said conductor being less than it would be if all of said wires were insulated.

2,107,178

HAT STAND

Ceta May Fackler, San Diego, Calif., assignor of one-half to William O. Weisketten, San Diego, Calif.

Application October 15, 1936, Serial No. 105,699
4 Claims. (Cl. 211—33)



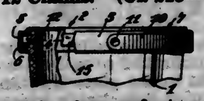
1. A stand consisting of two interlocked wire forms, each of said forms having at each end a recess at its mid-width, one of said recesses of each form being located at the top of the assembled stand and the other said recess being located at the bottom of the assembled stand, each of said forms being furnished along its mid-width with a slot open at one end, one of said slots being directed upwardly and fitting over the intact mid-width portion of the one form, and the other of said slots being directed downwardly and fitting over the intact mid-width portion of the other form.

2,107,179

CLOSURE CAP

John C. Gibbs, Brooklyn, N. Y., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y., a corporation of New York

Application June 22, 1935, Serial No. 27,860
12 Claims. (Cl. 215—46)



1. As an article of manufacture, a closure cap comprising a disc member having a depending skirt provided at its lower edge with an inturned flange, a gasket beneath said flange, and a band member extending about said disc and gasket having an inwardly extending flange at its lower edge extending beneath said gasket.

2,107,180

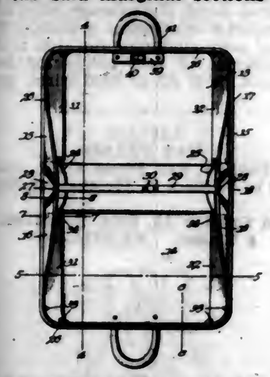
HAND LUGGAGE

Harry D. Gihon, 3rd, Trenton, N. J.

Application January 25, 1936, Serial No. 60,857
1 Claim. (Cl. 190—48)

A luggage bag comprising a main body consisting of hingedly interjoined main side and bottom selections adapted when the bag is opened to

extend in a common plane, but wherein said side sections are folded relative to said bottom section and toward one another to close the bag, frame means for stiffening said side and bottom sections, said main side and bottom sections having flexible marginal sections extending from the said main sections to form top and end walls of the bag when closed, said marginal sections having hookless fastener means along the entire length of the exposed edges of the same to close the bag, the said marginal sections extending



from the side sections and secured along the edges thereof and secured to the bottom section along substantially V shaped lines, the walls of the V meeting the edges of the bottom section at the fold line, handles secured to the bag substantially at the upper outside end of the said main side sections and hanger means secured to the bag substantially at the upper inside end of one of said side main sections, whereby clothes on the hanger means may extend down one main section, across the bottom section and up the other main section.

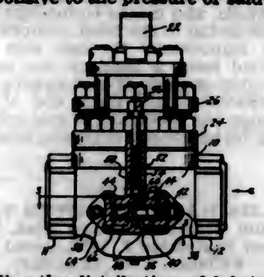
2,107,181
DENTURE
William R. A. Guyton, Pittsburgh, Pa.
Application April 4, 1935, Serial No. 14,652
5 Claims. (Cl. 32—2)



1. In reenforcing means for artificial denture plates, the combination of a bar to be permanently embedded in the plate, and anchor members arranged to be detachably connected to the bar and having their ends adapted to be partially embedded in the mold material to properly position the bar in the mold cavity while the plate is being formed therein.

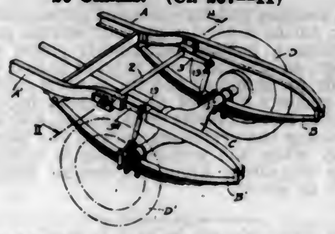
2,107,182
VALVE
Albert J. Henderson, Hempfield Township, Westmoreland County, Pa., assignor to Walworth Patents Inc., Boston, Mass., a corporation of Massachusetts
Application September 11, 1935, Serial No. 40,064
10 Claims. (Cl. 251—93)

1. In combination, a lubricated valve comprising a body member having passageways for line fluid and a valve seat, a valve member adapted to engage said seat, a lubricant reservoir, and means responsive to the pressure of said line fluid



for controlling the distribution of lubricant from said reservoir selectively to the seating surfaces adjacent any one of said passageways.

2,107,183
STABILIZING MEANS FOR MOTOR VEHICLES
Charles B. Huntsman, Plainfield, N. J.
Application May 1, 1934, Serial No. 723,302
26 Claims. (Cl. 267—11)



1. In a motor car having a sprung mass and an unsprung mass, stabilizing means interconnecting said two masses, comprising a bar-member journaled at one of said masses having an arm at each end extending laterally thereof, a link attached to the end of each arm and to the other mass, the joint at one end of each link adapted for articulation in a plurality of axes.

2,107,184
BOWDEN WIRE
William W. Lasker, Brooklyn, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware
Application December 13, 1934, Serial No. 757,251
5 Claims. (Cl. 74—501)



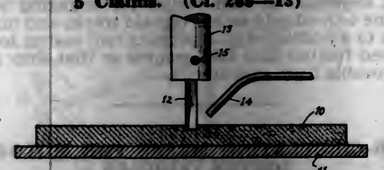
1. In a device of the character described, a group of Bowden wires, a single Bowden wire, and a connecting member for operating said group of wires by said single wire, said member comprising a casing containing a piston having a plurality of plungers operatively associated therewith.

2,107,185
WATER COOLER FOR FURNACES
Lawrence R. McAfoos, Pittsburgh, Pa., assignor to Reliance Steel Products Company, Rankin, Pa., a corporation of Pennsylvania
Application April 14, 1937, Serial No. 136,801
4 Claims. (Cl. 122—499)



1. In a hollow water-cooled furnace door frame and skew-back channel cooler, a body portion forming the top of the frame, legs forming the sides of the frame, a hollow horizontal offset adapted to project into the furnace chamber beneath the skew-back channel and forming a lintel, the lintel comprising a separate structure spaced apart from the frame and connected at its ends to the frame, and connections for causing flow of water through the lintel and then through the frame.

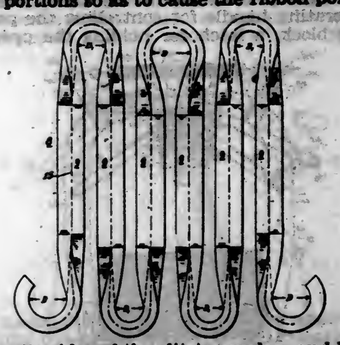
2,107,186
METHOD OF TESTING AND CLASSIFYING BONDED GRANULAR BODIES
Romie L. Melton, Niagara Falls, N. Y., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
Application December 11, 1930, Serial No. 501,536
5 Claims. (Cl. 265—13)



3. The method of determining the "grade" of a bonded abrasive article, which comprises subjecting a localized area of the article to a predetermined number of impacts of predetermined magnitude of an impact cutting tool which breaks away abrasive particles and bond in the form of detritus and relieving the cutting tool of the cushioning action of such detritus, and thereafter measuring the depth of the hole so produced.

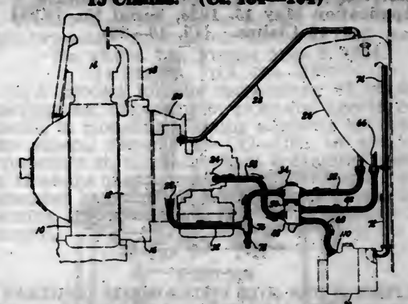
2,107,187
METHOD OF MAKING GRID RESISTORS
Otho M. Otte, Tarentum, Pa., assignor to Allegheny Steel Company, a corporation of Pennsylvania
Application March 20, 1935, Serial No. 12,011
6 Claims. (Cl. 29—155.5)

1. Method of making resistor grids of the return bend loop type from strip material which consists in slitting the strip lengthwise at predetermined points in the length thereof to form narrow ribbon portions, deforming strip at the slitted portions so as to cause the ribbon portions



on opposite sides of the slit to overlap, and bending the strip edgewise at the overlapped portions so as to form the return bend loops of the grid.

2,107,188
TEMPERATURE CONTROL MEANS FOR MACHINE LUBRICATING SYSTEMS
Earle A. Ryder and Wright A. Parkins, West Hartford, Conn., assignors to United Aircraft Corporation, East Hartford, Conn., a corporation of Delaware
Application August 15, 1935, Serial No. 36,318
15 Claims. (Cl. 184—104)

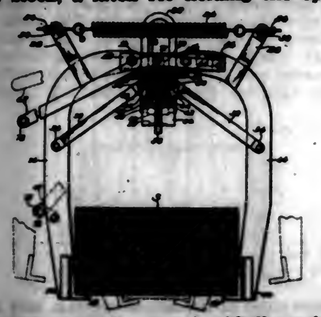


1. In combination with an engine having a lubricating system, a reservoir for lubricant, a lubricant cooling device connected with said engine and said reservoir, and a bypass around said cooling device connecting said engine directly with said reservoir, valve means responsive to the temperature of lubricant in said reservoir disposed between said engine and said cooling means to direct said lubricant through said cooling means or through said bypass.

2,107,189
SHEET CARRIER
Hans H. Schmid, Mars, Pa., assignor to United Engineering & Foundry Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application March 4, 1936, Serial No. 67,664
15 Claims. (Cl. 294—116)

1. A carrier for metal sheets or the like comprising a frame member, a pair of arms pivotally secured thereto adjacent each end, sheet engaging jaws connecting the arms on each side of the frame member, means counterbalancing the weight of the arms, and a combined cam

and toggle mechanism for controlling the position of the jaws, said mechanism including a block slidably mounted in the frame member, an operating handle for controlling the position of the block, a latch for holding the operating



handle in one position, a pair of bell crank means pivotally mounted on the block, toggle links pivotally connecting the arms to one side of each of the bell crank means, and a cam plate on the frame member, with the other side of each of the bell crank means engaging with the cam plate.

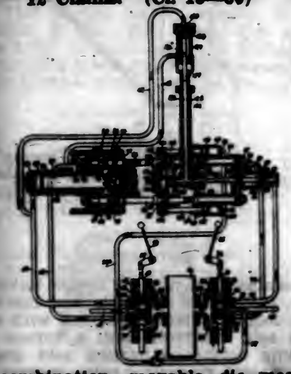
2,107,190

PLASTIC EXTRUSION MOLDING PRESS

Victor S. Shaw, Cardington, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del., a corporation of Delaware

Application May 15, 1936, Serial No. 79,954

12 Claims. (Cl. 18—30)



1. In combination, movable die means, devices for moving said die means into a closed position, an injector adapted to inject molding material into said die means, and mechanism automatically responsive to and synchronized with the operation of said injector for measuring out and distributing measured charges of molding material to said injector.

2,107,191

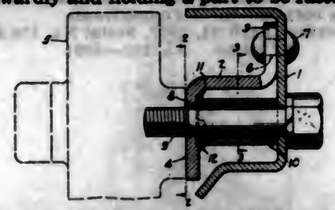
AUTOMOBILE FRAME ADJUNCT

Donald W. Sherman, Shorewood, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a corporation of New York

Application October 30, 1936, Serial No. 108,223

4 Claims. (Cl. 296—106)

1. In an automobile frame having a channel shaped bar, an attachment comprising a sheet metal member having a horizontal body connecting two flanges, one flange extending upwardly and being attached to the vertical web of the channel bar, and the other flange extending downwardly and holding a part to be fastened to



the frame, said last named flange being parallel to and spaced from the vertical web of the channel bar, and means extending between said last named flange and the vertical web of the channel bar for bracing the former against the latter.

2,107,192

DOUBLE SLIDE WINDOW

Julius Takach, Flushing Heights, Long Island, N. Y.

Application January 11, 1937, Serial No. 119,979

4 Claims. (Cl. 20—53)



1. A double slide window comprising a vertical window frame, sash tracks on the top side of the bottom arm of said frame, sashes slidable on said tracks and in grooves in the top arm of said frame, and elements on said sashes for engaging said frame to hold said sashes on said tracks and movable to a position which permits said sashes to be moved further into said grooves so that they are removable from said tracks.

2,107,193

AIR-CIRCULATING MEANS FOR MOTOR-DRIVEN VEHICLES

Douglas Cruttenden Woodhams, London, England

Application September 22, 1936, Serial No. 101,992

In Great Britain October 3, 1935

3 Claims. (Cl. 98—2)



3. A motor-driven vehicle having a ventilating aperture in its roof, and air-circulating means comprising an air-deflector having the form of a horizontal channel that opens in the direction of travel of the vehicle, and has its upper side constituting a blade arranged to lie above the roof so as to direct air through the aperture when the vehicle is traveling forwards, which deflector constitutes a trough and two tubes, one at each

end, constitute trunnions serving for pivotally mounting the deflector on the vehicle and for placing the trough into open communication with the outside of the vehicle.

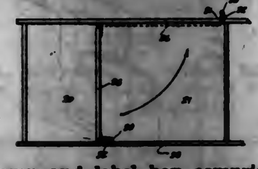
2,107,194

STAMP AND LABEL BOX

Jacob Yacker and Walter S. Kirsch, Brooklyn, N. Y.

Application March 28, 1936, Serial No. 71,394

2 Claims. (Cl. 217—7)



1. A stamp and label box comprising a box body provided therein with a fixed partition wall dividing the interior of the box body into a plurality of compartments and having therein a slot, at least one hinged wall having at one of its ends a spring hinge mounted on the fixed partition wall and serving to normally maintain the hinged wall in a position to subdivide one of the compartments in the box body into two smaller compartments, but being retractable against the tension of the spring hinge to merge said smaller compartments, and a spring clasp on the hinged wall adapted to enter into the slot of the fixed partition to hold the hinged wall in retracted position when the clasp is engaged with the slot.

2,107,195

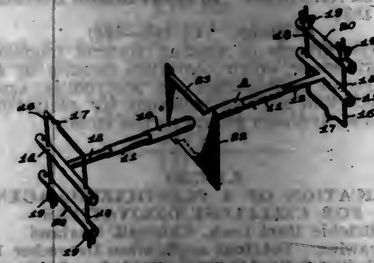
SKI CLAMPING DEVICE

Léandre Asbert, St. Adèle, Quebec, Canada

Application June 12, 1936, Serial No. 84,972

In Canada June 12, 1935

3 Claims. (Cl. 280—11.37)



3. A ski clamping device comprising a body member, end members telescopically associated with the body, a cross member secured at the outer end of each end member, a yoke bracket slidable transversely in each of the cross members, a cross bar slidable in the arms of the yoke, bracket tightening means on the outer ends of the yoke arms, and a spacing member secured on the intermediate portion of the body at right angles to the longitudinal axis thereof and parallel with the longitudinal axis of the cross members and bars.

2,107,196

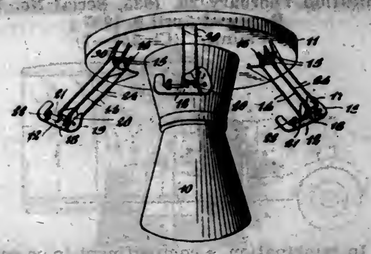
AMUSEMENT APPARATUS

John N. Bartlett, Tonawanda, N. Y.

Application December 15, 1934, Serial No. 757,687

6 Claims. (Cl. 272—41)

1. An amusement apparatus, comprising a revolvable overhead support, a passenger-carrying device suspended therefrom to revolve therewith and including a laterally swinging hanger, passenger-controlled, flexible guy means connecting the opposite sides of said carrying device with said support, whereby upon exerting a pull on



such means the carrying device is correspondingly swung out of its normal path of travel, and means connecting said hanger with the overhead support for limiting the swinging of said carrying device.

2,107,197

PROCESS FOR THE PREPARATION OF WETTING, EMULSIFYING, DISPERSING OR CLEANSING AGENTS AND PRODUCTS OBTAINED BY THIS PROCESS

André Butignot, Creil, France, assignor to Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann, Paris, France, a corporation of France

No Drawing. Application April 24, 1935, Serial No. 18,978. In France May 3, 1934

14 Claims. (Cl. 260—127)

7. A process for the preparation of wetting, emulsifying, dispersing or cleansing agents, consisting in monohalogenating aliphatic ketones of the general formula R—CO—CH_3, in which R represents an aliphatic chain containing from 6 to 18 atoms of carbon and in condensing the halogenated ketones thus obtained with agents containing a solubilising group and a reactive hydrogen.

2,107,198

FEEDING MECHANISM FOR ROCK DRILLS

Albert Feucht, Garfield Heights, Ohio, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio, a corporation of Ohio

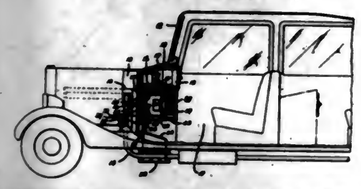
Application April 5, 1937, Serial No. 135,665

8 Claims. (Cl. 255—45)



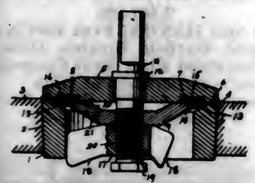
4. In a drilling apparatus, the combination with a support, of a motor slidable on the support having jars imparted thereto, of a recoil checking mechanism for said motor including a flexible element secured to the support against longitudinal movement relative thereto, a rotatable member carried by the motor engaging said element for rotation due to the jars imparted to the motor, stop means for preventing the rotation of said member in one direction to enable a step by step feeding motion of the motor, and means carried by the motor engaging said flexible element for effecting lateral displacement of the latter relative to the support during the feeding motion of the motor.

2,107,199
HEATING AND COOLING SYSTEM
Richard S. Gaugler, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application February 20, 1935, Serial No. 7,401
Renewed April 9, 1937
10 Claims. (Cl. 257—7)



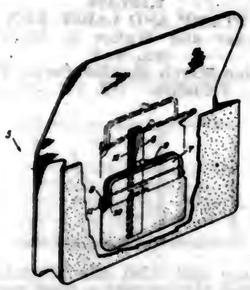
7. In combination, a compartment to be cooled or heated, a heat exchanger for said compartment, said heat exchanger forming a portion of a closed system containing a fluid volatile at atmospheric temperature and pressure to be circulated therein, said closed system also including a heat transfer means disposed above said heat exchanger and a second heat transfer means disposed below said heat exchanger, means for cooling said first named heat transfer means to cause the volatile fluid to condense therein, means for conveying the condensed fluid from said first named heat transfer means to said heat exchanger wherein it vaporizes and causes cooling of said compartment, means for heating said second named heat transfer means to cause said fluid to vaporize therein, means for conveying the vaporized fluid from said second named heat transfer means to said heat exchanger to cause heating of said compartment, and means operable to put one of said heat transfer means in communication with said heat exchanger and to prevent communication between said heat exchanger and the other of said heat transfer means.

2,107,200
VALVE
Louis H. Kennon, Houston, Tex.
Application May 21, 1936, Serial No. 80,935
2 Claims. (Cl. 251—129)



2. In a valve, a valve disc having an annular face adapted to contact with a valve seat, said disc having an annular groove therearound adjacent the inner margin of said face, a ring of resilient material in said groove, said assembly having an annular space completely covered by the ring, the inner margin of the ring being thicker than the depth of the groove, a clamp plate secured against the inner side of the disc and whose outer margin is clamped against and compresses the inner margin of the ring, the outer margin of the ring having an oval annular rib adapted to seat against and to be compressed by said seat when the disc is in closed position, the abutting parts of the ring and clamp plate being shaped to provide an annular enclosed space between them.

2,107,201
HANDBAG AND PURSE COMBINATION
Louis Krupp, Boston, Mass.
Application April 21, 1936, Serial No. 75,634
1 Claim. (Cl. 150—35)



The combination with a hand bag, of a purse to be contained within said hand bag, said purse having hollow horizontal portions a slide bar secured to said hand bag and held in spaced relationship thereto, slide means affixed to said purse and forming a slidable connection with said slide bar whereby to hold said purse in spaced relationship relative to the sides of said bag and guide said purse thru the opening of said hand bag, said slide means comprising a cross bar slidably engaged to said slide bar and integral prongs bent to engage in said hollow hinge portions on said purse.

2,107,202
GLYCEROL MONOLACTATE TRIACETATE AND PROCESS OF MAKING SAME
Ritchie Hart Lock, Chigwell, England
No Drawing. Application December 10, 1936, Serial No. 115,269. In Great Britain December 17, 1935
3 Claims. (Cl. 260—106)

1. The process of making glycerol monolactate triacetate which comprises causing to act on glycerol monolactate an acetylating agent in proportion at least sufficient for acetylating the three hydroxyl groups in the lactate.

2,107,203
APPLICATION OF A PLASTICIZING AGENT FOR CELLULOSE DERIVATIVES
Ritchie Hart Lock, Chigwell, England
No Drawing. Original application December 10, 1936, Serial No. 115,269. Divided and this application June 21, 1937, Serial No. 149,547. In Great Britain December 17, 1935
6 Claims. (Cl. 106—37)

1. A new composition of matter and shaped products manufactured therefrom containing a cellulose derivative and glycerol monolactate triacetate as a plasticiser therefor.

2,107,204
MOLDED KNOB
Kenneth W. Mackesy, Montclair, N. J., assignor to Mack Molding Company, Wayne, N. J., a corporation of New Jersey
Application March 17, 1937, Serial No. 131,503
3 Claims. (Cl. 16—121)

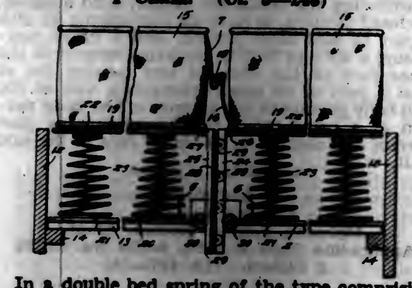
2. A knob comprising cap and base sections of plastic molding material secured together to form a shell and a rubber filler fitting said shell and

compressed thereby, said base section having reinforcing ribs and said filler having grooves re-



ceiving said ribs and preventing relative rotation of said shell and filler.

2,107,205
BED
Randall L. McLendon, St. Simons Island, Ga.
Application March 22, 1937, Serial No. 132,422
1 Claim. (Cl. 5—248)



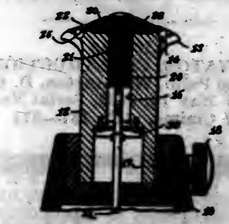
In a double bed spring of the type comprising two sections adjacent each other, each section having a rigid top frame, rigid bottom frame and spring means therebetween; a pair of vertical parallel bars pivotally connected to the top frames, said bars being separated by anti-friction devices, and said bars in contact with guiding means on the bottom frames.

2,107,206
FORM SEPARATOR
Robert Minkow, New York, N. Y., assignor to Hobbs Sales & Service Station, Inc., New York, N. Y., a corporation of New York
Application August 26, 1937, Serial No. 161,123
4 Claims. (Cl. 93—54.2)



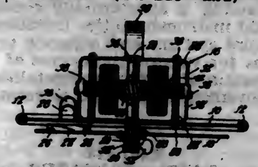
1. A box machine comprising a reciprocating form-block having relatively separable elements, a crosshead movable with one of said elements, mechanism operative during the cycle of said machine to separate said elements, a lever pivotally connected to the other of said elements, and a link pivoted on said crosshead and to said lever operable to separate said elements and a spring between said link and lever.

2,107,207
SHAVING IMPLEMENT
Joseph Mares, Cambridge, Mass., assignor to Gillette Safety Razor Company, Boston, Mass., a corporation of Delaware
Application May 19, 1936, Serial No. 80,568
3 Claims. (Cl. 30—43)



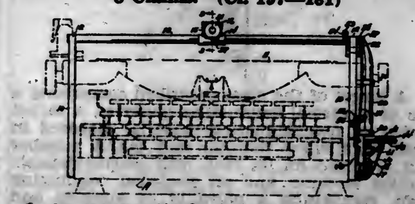
4. In a shaving implement, a self-contained unit comprising a pair of thin resilient blades having co-operating shearing surfaces in their outer edges, one blade having spaced circular perforations and the other elongated perforations, and flanged fasteners inserted in said perforations to unite the blades for relative movement.

2,107,208
VEGETABLE CUTTER
Frederick W. Nankivell, Chicago, Ill.
Application April 3, 1936, Serial No. 72,618
1 Claim. (Cl. 146—124)



A string bean cutter comprising a plate in the nature of a removable cover for a receptacle, said plate being provided with a load carrying bead of resilient material arranged for engaging the wall of the receptacle for supporting the plate, a rotatable cutter carried by said plate in slightly spaced relation with its bottom side, means for rotating the cutter, and means carried by said plate for guiding beans into cutting relation with said cutter, said means being accessible from the side of the plate opposite the rotatable cutter.

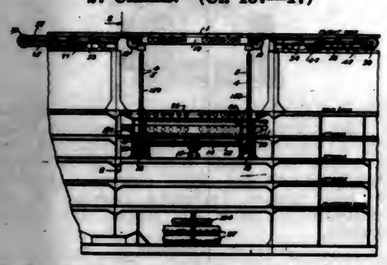
2,107,209
ERASER FOR TYPEWRITERS
George Robert O'Neal, Washington, D. C., assignor to George H. Hutaff, Jr., Wilmington, N. C.
Application February 2, 1937, Serial No. 123,687
3 Claims. (Cl. 197—181)



1. An eraser attachment for typewriters comprising a rotatable and shiftable eraser wheel, a swinging support for said wheel for bringing the

same into confronting relation and operative position with respect to a platen of said typewriter for erasure, means manually controlled for moving the support and latching and holding the wheel in operative position, and manually controlled means for rotating the wheel and simultaneously shifting it when in operative position.

2,107,210
ELEVATOR CONSTRUCTION
Blake Palm, Washington, D. C.
Application May 18, 1932, Serial No. 612,084
27 Claims. (Cl. 187—17)



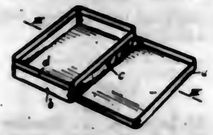
1. In elevator construction, the combination with an elevating member, of balancing means for said member comprising a plurality of pressure fluid operated sustaining instrumentalities arranged to support the elevating member, means for maintaining a substantially constant pressure on said instrumentalities including a closed fluid pressure system, and separate power operated means for varying the degree of sustaining effect of certain of said instrumentalities to cause relative movement of the said elevating member.

2,107,211
GAME APPARATUS
Frank E. Pavelka, San Antonio, Tex.
Application March 25, 1935, Serial No. 12,969
2 Claims. (Cl. 273—102)



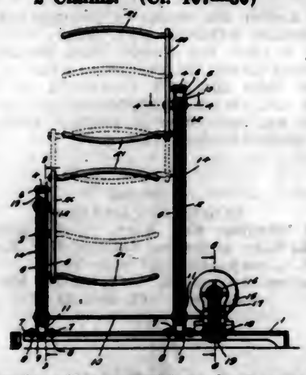
1. A target of the class described comprising a plate of electrical conducting material, a target member of nonconducting material disposed in spaced parallelism thereto, said target member being provided on its face with distinguishable objective sections, and an electrical conducting screen, comprising a plurality of annular and concentrically arranged sections on the back of said target member normally in spaced relation to said plate.

2,107,212
SHEET METAL CONTAINER
Alfons Pfleghar, Stuttgart-Bad Cannstatt, Germany, assignor to Elektro-Bohner G. m. b. H., Stuttgart-Bad Cannstatt, Germany
Application January 20, 1936, Serial No. 59,944
In Germany September 26, 1934
6 Claims. (Cl. 220—31)



1. In a sheet metal container, a body portion constituting the container proper, a lid adapted, in closed position, to have an overlapping fit with a part of said body portion, and a hinge comprising a strip of flexible material secured to the inner face of the said lid and passing for at least a part of its length through a wall of the said body portion to the interior of the body portion at a point below the lid-overlapping part thereof and secured to the inner face of the said wall.

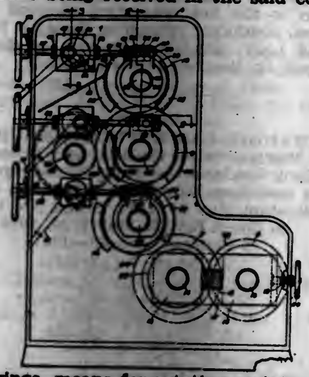
2,107,213
CANDY PULLER
Alphonse Poirier, Dutton, Mont.
Application June 3, 1936, Serial No. 83,385
2 Claims. (Cl. 107—30)



1. A candy puller comprising a base, spaced vertically arranged uprights secured to said base and one of a shorter length than the other, stub shafts journaled to said uprights with their axes extending substantially in the same vertical plane, arms secured to said stub shafts, fingers secured to said arms to pass about each other during the rotation of the arms for pulling candy placed on said fingers, a driving shaft journalled in said uprights, means for drivingly connecting the stub shafts with said driving shaft, and means for rotating said driving shaft for imparting rotation to said stub shafts.

2,107,214
INK MILL
Clarence R. Rechtin and Richard Jantsch, Cincinnati, Ohio, assignors to The J. H. Day Company, Cincinnati, Ohio, a corporation of Ohio
Application September 24, 1934, Serial No. 745,296
Renewed November 19, 1937
26 Claims. (Cl. 308—62)

1. The combination of a frame, a plurality of superposed rolls having bearing ends, means supporting said bearing ends comprising pairs of circular bearing supports mounted for rotational movement relative to the frame, cooperative bearings associated with said supports and having their centers offset relative to the axes of rotation of the bearing supports, the bearing ends of the rolls being received in the said coopera-



tive bearings, means for rotating certain of the bearing supports in unison, and associated means for rotating the bearing supports individually, the true centers of corresponding bearing supports being offset relatively, with the axes of the superposed rolls lying normally in a single upright plane.

2,107,215
METHOD OF MAKING GRANULAR MATERIAL
Ernest Wayne Rembert, Plainfield, N. J.
No Drawing. Application May 24, 1934, Serial No. 727,240. Renewed August 21, 1937
21 Claims. (Cl. 252—2)

1. In making an improved decolorizing material, the method which includes producing, in the presence of an excess of water, a water-insoluble, hydrous multivalent metal compound adapted to possess decolorizing properties when in incompletely dried form, removing a substantial proportion of the said excess of water to form a wet, non-fluent mass containing the compound and residual water, agitating the mass, to convert the mass to pasty form, partially drying the pasty material to render it non-tacky and adapted to be granulated without excessive adherence to the granulating equipment, granulating the thus dried mass, and then incompletely drying the granules to develop the maximum adsorptive properties in the product.

10. Granules for use as a decolorizing medium comprising an intimate mixture of decolorizing clay and a precipitated adsorbent silicate of a multivalent metal of the kind described, the clay serving to bond together the said silicate and increasing the firmness of the granules.

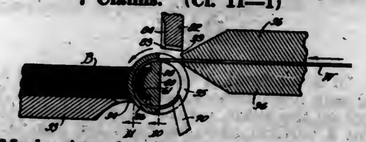
2,107,216
RECEPTACLE AND CLOSURE THEREFOR
Harry L. Rogers, Brooklyn, N. Y.
Application April 22, 1936, Serial No. 75,767
1 Claim. (Cl. 150—3)

A flexible walled receptacle comprising lips forming an opening, a slidable closure for said opening, an inner moisture proof relatively thin liner for said receptacle having an opening corresponding with said lips and an integral deformable resilient relatively thick sealing means about said liner opening including cooperating portions, said liner being fastened to the receptacle adjacent said lips, said sealing means being so constructed and formed as to normally be open and so tend to spread said lips apart



when said slidable closure is in open or partially open position, and to effect a seal by relatively tightly bringing together the said cooperating portions of said resilient sealing means when said slidable closure is moved to closed position.

2,107,217
ART OF BOOKBINDING
Thomas J. Salsman and John M. Marchok, Chicago, Ill., assignors to Rockwell-Barnes Company, Chicago, Ill., a corporation of Illinois
Application August 6, 1936, Serial No. 94,645
7 Claims. (Cl. 11—1)



5. Mechanism for binding a book of leaves having adjacent one end thereof a row of evenly spaced passages therethrough comprising a coil forming needle, means for positioning the needle in one of the book passages, means for feeding a wire through the needle to form a helix, a plurality of guide rolls engaging the helix acting to maintain the coils thereof at a uniform radial distance from a straight axis therewithin whereby the leading end of the helix will be guided successively into each of the book passages, means to sever the wire adjacent the needle when the helix is completed, and means for withdrawing the needle from the book passage and simultaneously disengaging itself from the wire coil therewithin.

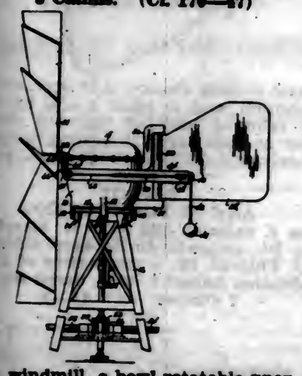
2,107,218
AUTOMATIC CAR COUPLER
Karl Scharfenberg, Berlin-Nikolassee, Germany
Application December 28, 1934, Serial No. 759,284
In Germany December 18, 1933
8 Claims. (Cl. 213—95)



2. In an automatic coupler for vehicles comprising a coupler head, a disk hook rotatably mounted in said head, a coupling link pivotally mounted on said hook, means for holding said coupling link in an inoperative position within said head, means for releasing said holding means upon engagement of said coupler head

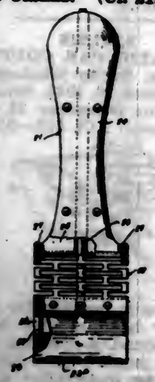
with a complementary coupler head, means for placing said coupling link in position for coupling upon release of said holding means, train service controlling members and means connecting said train service controlling members and said hook for operating said controlling members to operative and inoperative positions with said coupling link.

2,107,219
WINDMILL
Charles J. Sebenik, Buckeye, Ariz.
Application December 1, 1936, Serial No. 113,689
3 Claims. (Cl. 170—47)



1. In a windmill, a bowl rotatable upon a vertical axis, a windwheel shaft in the bowl, a windwheel on the shaft, a vane on the bowl rotatable about a vertical axis, bearings for the vane on the bowl, a countershaft in the bowl, a drum on the shaft outside of the bowl, a cable connected to the vane and windable upon the drum to close the vane, manually controllable means for connecting the countershaft to the windwheel shaft for winding the cable upon the drum, and means for moving the vane to open position after each actuation of the first named means.

2,107,220
TOOL FOR REMOVING PAINT, VARNISH, LACQUER, SHELLAC, ETC.
Frank J. Schulz, Rochester, N. Y.
Application November 22, 1935, Serial No. 51,150
2 Claims. (Cl. 219—29)



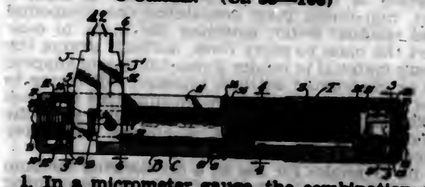
1. In a tool for removing paint, etc., from wood and other surfaces, a handle, a heat radiating element secured to the outer end of the handle, a tool head of scraper-blade formation detachably connected to the outer end of the radiator and having an opening extending completely therethrough and transversely thereof, an electric resistance element permanently mounted in said opening in the removable head in spaced relation to the heat radiating element and an electrical conductor extending through the handle and heat radiating element for direct attachment to the resistance element.

2,107,221
STRAIGHT-BAR KNITTING MACHINE
Harry Wilfred Start, Carlton, and Ernest Start, Wilford, England, assignors to George Blackburn and Sons Limited, Nottingham, England
Application May 11, 1937, Serial No. 142,968
In Great Britain March 10, 1936
6 Claims. (Cl. 66—126)



1. In straight-bar knitting machine thread carrier driving mechanism, a longitudinally reciprocating friction bar, a friction box mounted thereon, a thread carrier bar connected to the friction box, a pivoted latch on the friction box, a tumbler for locking the latch, a driving member carried on the reciprocating slur cock rail which is adapted to engage with the latch on the friction box and give the latter a positive starting movement first in one direction and then in the other, and means for releasing the latch and destroying the positive driving connection, substantially as described.

2,107,222
MICROMETER GAUGE
William J. Simmers, Chicago, Ill.
Application February 19, 1936, Serial No. 64,612
8 Claims. (Cl. 33—166)

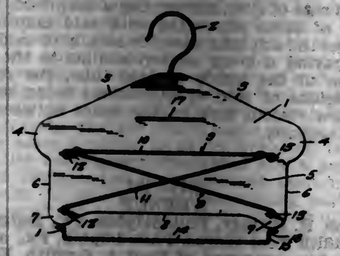


1. In a micrometer gauge, the combination of a barrel having an elongated slot extended radially through a wall thereof in one end region, a thimble rotatively fitted over the barrel in its opposite end region and secured thereto against longitudinal travel, a ring arranged circumferentially of the barrel adjacent one end of the thimble in a longitudinally fixed relationship with respect to the barrel and thimble and rotatable with respect thereto, means for adjustably securing the ring against movement relative to the barrel, screw mechanism connected for operation with the thimble disposed wholly within the barrel, a pair of jaws extended laterally of the barrel, one carried thereby and the other extended through the barrel slot for connection with the screw mechanism adapted to be moved thereby in response to operations of the thimble, graduations on the barrel adjacent the slot and other graduations on the thimble adjacent the ring, and pointer lines on the movable jaw and ring adapted to furnish readings in conjunction with the graduations proximate thereto.

2,107,223
BEARING METAL ALLOY
Carl E. Swartz, Cleveland Heights, Ohio, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application October 24, 1936, Serial No. 107,308
3 Claims. (Cl. 75—166)

1. A bearing metal alloy consisting of from 1 to 20% antimony, 1 to 20% tin, .01 to 3% copper, .01 to 5% tellurium, and the balance lead.

2,107,224
GARMENT HANGER
Sherman Clifford Treadway and Clarence Heckendorn, Ferrut City, Ark.
Application April 21, 1936, Serial No. 75,604
3 Claims. (Cl. 223—93)



1. In a garment hanger, the combination with a coat hanger member adapted to receive a coat in the shoulder portions thereof and suspend the same with the coat enclosing said member, of a laterally swinging trousers support of a length materially in excess of the width of a folded pair of trousers at an intermediate point in the leg length thereof, so that trousers may be suspended from said support at the fold line with a material clearance between them and the ends of the support, the support having a pivotal mounting on the hanger member adjacent one shoulder portion thereof and being foldable down against the hanger member to have the suspended trousers enclosed by the coat but swingable away from the hanger member to expose the trousers for removal through the open front of the coat.

2,107,225
LUBRICATOR FOR AIR LINES, ROCK DRILLS, AND OTHER COMPRESSED AIR APPARATUS
William John Walker and Siegfried Fritz Glimbey, Johannesburg, Transvaal, Union of South Africa, assignors to Broom and Wade Limited, High Wycombe, Buckinghamshire, England
Application May 11, 1937, Serial No. 142,668
In Union of South Africa April 8, 1936
10 Claims. (Cl. 184—55)

1. A lubricator for use in connection with compressed air apparatus comprising the combination, with a lubricant reservoir, of means adapted to provide a capillary passage, means for supplying lubricant from said reservoir to said passage, and means for directing a portion of the compressed air for said apparatus into said passage to



maintain a predetermined flow of lubricant through said capillary passage into the air stream.

2,107,226
SQUEEZE TUBE CAP
Sydney Royal Weston, Montreal, Quebec, Canada
Application July 28, 1936, Serial No. 92,949
3 Claims. (Cl. 221—60)



1. A container having a lip on the one side forming the outlet and having a flat surface on either side of the approach to said lip, and a sheet rubber disc adhered to the flat surfaces and completing a resilient closure.

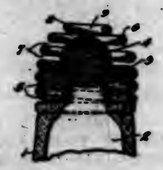
2,107,227
DRY CLEANING MACHINE
Charles K. Weedin, Bloomington, Ill., assignor to National Rubber Machinery Company, Akron, Ohio, a corporation of Ohio
Application November 29, 1933, Serial No. 700,212
2 Claims. (Cl. 210—76)



1. In a relatively high speed centrifugal extractor for washing machines, a drum mounted for rotation at high speeds on a horizontal axis, said drum having a one-piece continuous cylindrical wall extending entirely around the circumference of the drum and disposed concentric with said horizontal axis of rotation and being regularly perforated circumferentially and longitudinally, each of said perforations being defined by frustro-conical projections extending outwardly of said cylindrical wall, the internal surfaces of the projections being smooth and merging smoothly with the internal surfaces of the cylinder wall, the internal surface of the cylinder wall being smooth and devoid of projections, each of said frustro-conical projections terminating at its outer end at the margin of the defined aperture in a relatively sharp edge disposed on a circular line and formed by the junction of the outer surface of the projection

and a surface disposed angularly with respect thereto, the last mentioned surface being inclined inwardly toward the center of the aperture.

2,107,228
CONDIMENT HOLDER
Axel E. Zimmerman, West Palm Beach, Fla.
Application August 6, 1936, Serial No. 94,668
1 Claim. (Cl. 65—45)



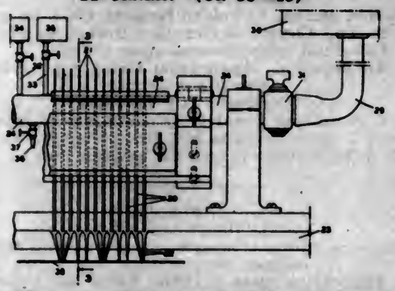
A cover or shaker top adapted to be removably mounted on an open-ended condiment container having cover attaching instrumentalities disposed on the outer wall thereof adjacent to the open end, said cover comprising a wire-like member coiled about a common axis in helical form, providing a plurality of superposed turns, the turns of one end of the cover being adapted to interlockingly engage with the cover attaching instrumentalities on the container, and the remaining turns progressively approaching the axis of the cover, the end turn of the cover opposite to the container engaging end defining an opening and being spaced from the open end of the container when the cover is mounted thereon, and constituting a valve seat, there being spaces between the turns of the wire-like member constituting condiment discharge openings, and a spherical shaped valve member normally loosely disposed within the cover and being adapted to seat on and close the open end of the container when the holder is in one position, and adapted to have a limited movement away from the end of the container towards the seat afforded by the cover when the holder is in another position, permitting discharge of the condiment between the turns of the cover intermediate the ends of the latter, said end turn of the cover having a diameter less than the diameter of the valve member and being spaced from the mouth of the container a sufficient distance to permit free flow of the condiment therefrom but less than the diameter of the valve member so as to control the flow of the condiment laterally through the coils.

2,107,229
BRAKE DRUM
Charles S. Ash, Milford, Mich., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware
Application December 2, 1935, Serial No. 52,571
10 Claims. (Cl. 188—218)



1. A composite brake drum, comprising a back having alternate angularly spaced peripheral portions axially offset relative to each other, and a brake ring cast on to said portions and mechanically interlocked therewith.

2,107,230
FLUID CONDUCTOR FOR RULING MACHINES AND THE LIKE
Eugene Cook Bingham, Easton, Pa., and Daniel Figlioli, Brooklyn, N. Y., assignors to Boorum & Pease Company, Brooklyn, N. Y., a corporation of New York
Application July 30, 1936, Serial No. 93,492
14 Claims. (Cl. 33—45)



8. Means for delivering fluid from a common reservoir to a plurality of outlets at a predetermined rate of flow, comprising a manifold, a plurality of tubes connected with said manifold, a plunger in each tube movable axially of said tube, and having a cross section similar to the cross section of the inside of said tube, the relative dimensions of said cross sections being such as to allow viscous flow in the space between said cross sections.

2,107,231
WRENCH
Joseph R. Bittner, Philadelphia, Pa., assignor to Griffith Tool Works, Philadelphia, Pa., a partnership composed of Paul A. Griffith, Edward J. Griffith, Charles F. Griffith, and William K. Wilson
Application February 2, 1937, Serial No. 123,653
2 Claims. (Cl. 81—97)



1. A wrench comprising a shank having a lateral jaw at one end projecting from the inner side of the shank, said shank having teeth on said inner side, a U-shaped carrier slidable on the shank, said carrier embracing the outer side and faces of the shank and being free for transverse movement away from the said outer side, a movable jaw pivoted on said carrier for movement toward and away from the shank and having a tail end portion extending beyond the pivot and adapted to engage the inner side of the shank, a thumb lever pivoted intermediate its ends to the carrier and formed at one end as a pawl for engagement with the teeth of said shank to retain

the carrier in adjusted position longitudinally of the shank, and a spring interposed between the other end of said lever and the edge of said movable jaw and exerting pressure to force both said tail and said pawl against the inner side of the shank and tending also to resiliently retain the carrier in a normal position of engagement with the outer side of the shank.

2,107,232
SHEET METAL CONTAINER
Arthur Henry Blakeway, London, England, assignor to The Metal Box Company, Ltd., London, England, a corporation of Great Britain
Application July 15, 1936, Serial No. 90,866
In Great Britain November 25, 1935
2 Claims. (Cl. 220—64)



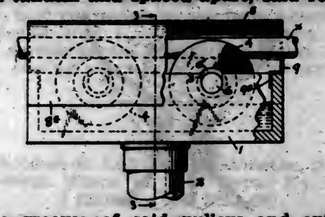
1. A sheet metal container having a coating of protective material applied to the inner surface thereof, said container including a body portion having the side edges joined by a solder bond, the outer member of the side seam being bent inwardly adjacent the side seam and longitudinally of the seam and thence bent gradually outwardly to merge into the peripheral line of the can body whereby sharp edges on the inside of the seam tending to cause weakness in the protective coating are eliminated and a gully is formed between the inwardly bent portion and the seam, in which gully the coating material may be trapped to assure a good coating of protective material at the edge of the seam.

2,107,233
TOP CYLINDER LUBRICANT
Arthur W. Burwell, Niagara Falls, N. Y., assignor to Alox Corporation, New York, N. Y., a corporation of New York
No Drawing. Application October 24, 1935
Serial No. 46,633
6 Claims. (Cl. 87—9)

1. A top cylinder lubricant and solvent composition for use in dissolving pitch deposits and lead deposits in, and lubricating and protecting surfaces of, a combustion chamber of an internal combustion engine, which comprises a solution, in a light hydrocarbon oil solvent of mineral origin including an oil having lubricating properties, of a mixture of saturated aliphatic oxygen-containing compounds of petroleum origin said compounds including alkyl esters, lactones, alcohol-ketones, ketones and alcohols, said oxygen-containing compounds being obtained by subjecting a petroleum hydrocarbon mixture to a liquid-phase partial oxidation treatment at an elevated temperature not exceeding 160° C. and at a superatmospheric pressure not exceeding 350 pounds per square inch and being contained in said solution in an amount by volume equal to from about 3% to about 10% of the latter.

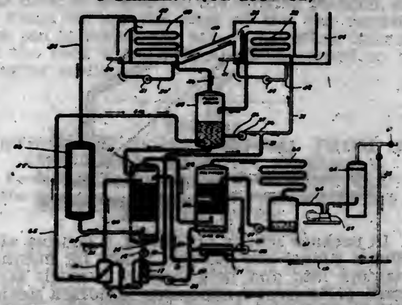
2,107,234
PULL ROD SUPPORT
James E. Chambers, West Palm Beach, Fla.
Application July 10, 1935, Serial No. 30,683
1 Claim. (Cl. 308—6)

The combination with a pull rod, of a rod support comprising a bracket member, means for pivotally mounting said member on a post, and a pair of grooved pulleys journaled in said member in tandem and spaced apart, said rod lying



in the grooves of said pulleys and extending parallel to the plane of their axes, whereby said pulleys provide a relatively long bearing for the rod.

2,107,235
PROCESS OF CONVERTING HYDROCARBONS IN THE VAPOR PHASE
Myron W. Celoey, Los Angeles, Calif., assignor to Petroleum Conversion Corporation, New York, N. Y., a corporation of Delaware
Application August 26, 1933, Serial No. 686,898
8 Claims. (Cl. 196—61)



1. The process of converting hydrocarbon oils into motor fuels of the gasoline type which consists in subjecting to vaporizing conditions in a vaporizing zone the oil to be converted, adding to the vapor produced a substantially inert gas having a temperature insufficient to produce cracking of the vapor and in an amount sufficient to increase the mass of the mixture substantially, then passing the mixture through a heating zone formed of exteriorly heated surfaces to heat it within the conversion range above 900° F. but passing the mixture through said zone so rapidly that no substantial cracking takes place therein and no substantial amount of carbon is deposited in said zone, then passing said mixture to a heat conserving chamber, wherein time is allowed for the heated vapors to undergo conversion by reason of the sensible heat imparted in said heating zone to the vapor and gas in admixture therewith and without the addition of any substantial quantity of heat while in said chamber, and separating out from the reaction products those desired as motor fuels.

2,107,236
METHOD OF BREWING COFFEE
Harvey Cory, Chicago, Ill.
Original application July 13, 1934, Serial No. 734,893. Divided and this application January 11, 1937, Serial No. 119,910
2 Claims. (Cl. 99—71)

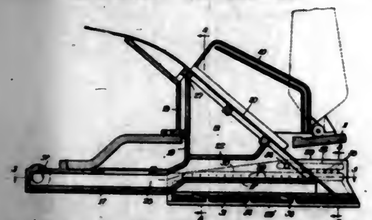
1. The process of making a true coffee infusion which consists in utilizing steam pressure to force

water at a temperature of about 150° F. into contact with freshly ground roasted coffee, in raising the water temperature to about 203° F.



within a relatively short space of time, not more than three minutes, to produce an infusion, and in straining out the coffee grounds from the infusion within a still shorter space of time.

2,107,237
PACKAGE SEALING
Lynn E. Davies, Chicago, Ill., assignor to White Cap Company, Chicago, Ill., a corporation of Delaware
Application October 25, 1935, Serial No. 46,681
23 Claims. (Cl. 226—82)



1. In package sealing apparatus, a housing affording a tunnel-like passage, means for moving containers into and progressively through said passage, portions of said housing forming a steam distributor affording a chamber having a heat radiating wall overlying the path of the mouths of containers adjacent and rearwardly from the entrance of the housing, said steam distributor having an outlet opening at one side of the path of the containers adjacent the rearward portion of said heat radiating wall, and means for providing the chamber with hot steam effective to heat said heat radiating wall, said outlet permitting discharge of steam from the chamber into said passage.

2,107,238
ROCK DRILL JOINT
Hilton H. Des Roches, Butte, Mont.
Application July 12, 1937, Serial No. 153,234
6 Claims. (Cl. 255—63)



1. In a rock drill, a shank having a slot extending transversely across the end thereof, a bit having a tongue adapted to enter said slot by lateral movement of the bit relative to the shank, means to prevent separation of the bit from the shank by movement of the bit axially of the shank, said slot having a constricted throat and said tongue having a wedge shaped portion adapted to tightly wedge in said slot when the bit is forced axially toward the shank, and cooperating means on the shank and bit to prevent lateral movement of the bit relative to the shank when said tongue is forced into said throat.

2,107,239
PAINT BOX
Violet M. Eckhoff, Warrensburg, Mo., assignor to Binney & Smith Co., New York, N. Y., a corporation of New Jersey
Application September 16, 1937, Serial No. 164,255
4 Claims. (Cl. 41—4)



1. A paint box, comprising a base section having therein receptacles for paint cakes and including a peripheral flange of stepped section, an intermediate section having therein receptacles for mixing paints and for receiving a brush and including a peripheral flange frictionally engageable around an upper step of said base flange, and a flanged cover section for embracing the intermediate section with said cover flange frictionally engageable with a lower step of said base section.

2,107,240
CONSTRUCTION UNIT
Leo W. Eliertsen, Seattle, Wash., assignor to I. F. Laucks, Inc., Seattle, Wash., a corporation of Washington
Application January 16, 1936, Serial No. 59,437
11 Claims. (Cl. 20—4)

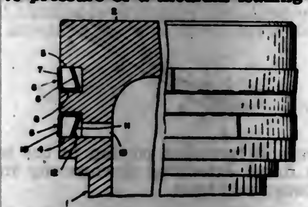


1. A construction unit comprising wallboard supported by studding by means of a plywood strip glued to both studding and wallboard.

2,107,241
PACKING RING
Phelps M. Freer, Detroit, Mich.
Application January 11, 1937, Serial No. 120,695
3 Claims. (Cl. 309—33)

1. The combination with a piston body having an annular groove, of a flexible packing ring within said groove having inner and outer walls and a portion connecting the same, said inner wall having a width greater than that of said groove and being flared toward said outer wall and radially spaced from the bottom of said

groove and also being adapted to flex when subjected to pressure of a medium leaking into the



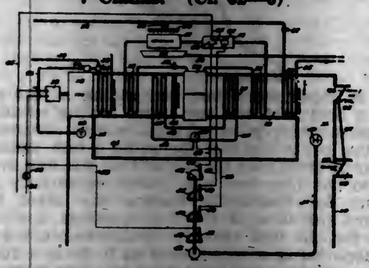
ring to seal the portion of said groove inwardly beyond said inner wall.

2,107,242
PRESSURE FEEDER FOR MATERIALS
Lovell Gates, Idaho Falls, Idaho
Application June 1, 1937, Serial No. 145,847
12 Claims. (Cl. 221—79)



1. A device of the kind described comprising a cylinder, end caps removably fitted to the cylinder, an extension neck separably fitted at one end of the cylinder and having separate inlets, a head rotatably fitted in the other end of the cylinder and having discharge passages opening into each other and through said head, a piston movably fitted within the cylinder and having passages therethrough, and a feed screw reversibly fitting the neck and head and threaded in the piston.

2,107,243
AIR CONDITIONING APPARATUS
Norman H. Gay, Los Angeles, Calif.
Application August 15, 1935, Serial No. 36,396
7 Claims. (Cl. 62—6)



5. An air conditioning apparatus including means providing a path of flow for the air; a refrigerating plant having a compressor, a condenser, an expander, and an evaporator connected together, said evaporator being located in heat exchange relation with the air flowing in said path; a first radiator located upstreamward of the evaporator, a second radiator located downstreamward of the evaporator, and liquid moving means for maintaining the flow through and between said radiators; a device responsive to the condition of humidity of the air moving in said path, means controlled by said responsive device for controlling the operation of said liquid moving means for determining the amount of water separated from the moving air, and means also controlled by said responsive device for changing the refrigerating effect at said evaporator, said controlled means being coordinately actuated so that a maximum operation of said liquid moving means is produced before a maximum cooling effect is produced in said evaporator.

2,107,244
CLOSURE
Theodore R. Gilliland, Washington, D. C.
Application March 15, 1937, Serial No. 131,037
5 Claims. (Cl. 221—69)



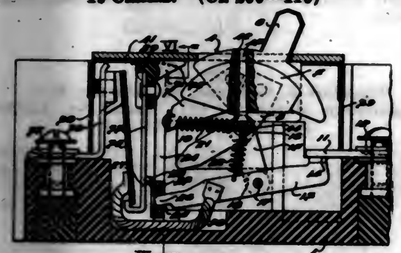
1. A collapsible tube or other container having a neck, a cap screw threadedly engaged with the tube, a hinge pin extending circumferentially of the edge of the neck and traveling in the thread of the cap when the cap is screwed on to the neck or screwed to the hinging position, and a hinge ear on the edge of the cap receiving the pin to permit the cap to be swung laterally of the neck when the cap is unscrewed to the hinging position.

2,107,245
METHOD OF PRODUCING OIL FROM OIL CONTAINING PROTEIN MATERIAL
Lawrence T. Hopkinson, Washington, D. C.
No Drawing. Application February 2, 1937, Serial No. 123,729
11 Claims. (Cl. 87—6)

1. The method of producing oil from oil-containing protein material which is subject to relatively rapid spoilage, said method comprising treating the material with a substance capable of inhibiting bacterial action notwithstanding the presence of a base and with a substance having a pH concentration of 9 or more, subsequently treating the material with an oil-releasing substance and heating the material to separate the oil from the solids.

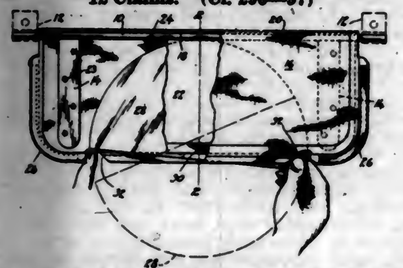
6. The method of producing oil from oil-containing protein material which is subject to relatively rapid spoilage, said method comprising inhibiting the development of free fatty acids and objectionable odor, taste and color characteristics by submerging fresh material of low free fatty acid concentration and devoid of objectionable odor, taste and color characteristics in a solution comprising sodium carbonate and a substance capable of inhibiting bacterial action in the material notwithstanding the presence of said sodium carbonate, maintaining the material so submerged during a period of time sufficient to cause spoilage of said material in the absence of any treatment, the concentration of the sodium carbonate and the bacterial inhibitor taken together being sufficient to render the material unfit for use as food and the amount of sodium carbonate consumed by the oil during storage of the material being insufficient to neutralize the free fatty acid which would develop during a like period in the oil of material treated with said bacterial action inhibiting substances only, and thereafter processing the material to separate from the solids, water, sodium carbonate and bacterial action inhibitor a quantity of oil of relatively low free fatty acid concentration.

2,107,246
CIRCUIT BREAKER
John G. Jackson, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan
Application June 1, 1936, Serial No. 82,769
19 Claims. (Cl. 200—116)



1. In an automatic electric circuit breaker, a supporting element pivotally mounted on a fixed part, a switching member pivotally mounted on said element, spring means interconnecting said member and element and biasing said member for rotation about its pivotal mounting, a stationary contact, a contact surface adjacent one end of said member cooperating with said contact, current responsive latching means for the opposite end of said member, a manual operator, and spring means interconnecting said operator and element for moving the element about its pivotal mounting in response to movement of said operator.

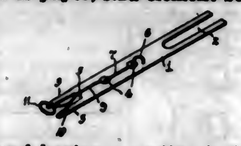
2,107,247
VISOR CONSTRUCTION
Charles Bayard Johnson, Monroe, Mich., assignor to Woodall Industries Incorporated, Detroit, Mich., a corporation of Michigan
Application June 20, 1935, Serial No. 27,474
12 Claims. (Cl. 296—97)



1. A visor structure comprising an opaque panel formed of two plies of material supported upon a frame disposed between said plies and including a top frame portion and end frame portions, a translucent visor element pivotally supported to be rotatably swung to a position of use projecting outwardly as an extension of said opaque panel or to a position of nonuse disposed between the two plies of said panel.

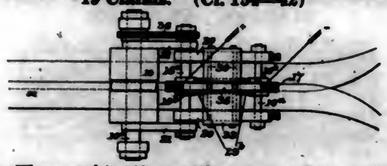
2,107,248
SHEET REGISTERING DEVICE FOR PRINTING PRESSES
Lawrence R. Johnson, Cleveland, Ohio, assignor to The Chandler & Price Company, Cleveland, Ohio, a corporation of Ohio
Application May 2, 1936, Serial No. 77,536
7 Claims. (Cl. 101—414)

1. A sheet-receiving member having a pair of laterally spaced longitudinally-extending tines, and an element cooperating with said tines to grip a sheet of paper, said element being formed



from wire and having a portion in the form of a curved finger extending downwardly into the space between said tines.

2,107,249
PAPER-BAG-MACHINE ATTACHMENT
William C. Hepke, Philadelphia, Pa., assignor to Thomas M. Royal & Co., Philadelphia, Pa., a corporation of Pennsylvania
Application March 25, 1935, Serial No. 12,937
19 Claims. (Cl. 154—42)



1. The combination with a paper-bag-making machine having means for overlapping the longitudinal edges of a web of paper in the formation of a tube, of heating means having a translational motion in the same direction and with the same speed as the traveling folded web and overlying and contacting the over-lapping edges of the same.

2,107,250
SHOE LAST
Joseph Harydczak, Brooklyn, N. Y.
Application March 26, 1937, Serial No. 133,253
10 Claims. (Cl. 12—136)

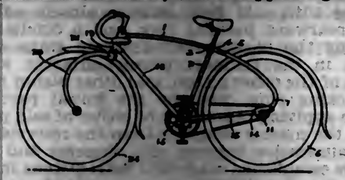


1. A shoemakers' last comprising a fore part and a heel part, the two parts having co-acting complementary pivot portions, means connecting the two parts together including a link member, a pair of pivot pins for connecting the link member to the fore and heel parts respectively and means for resiliently forcing the pivot pins against the sides of the link openings, the pivot pins for the link and the complementary pivot portions being so positioned as to form a toggle to securely hold the fore and heel parts in manufacturing position or in inserting position, at the will of the operative.

2,107,251
BICYCLE
Harvey W. Peace, Toronto, Ontario, Canada, assignor to Canada Cycle & Motor Company, Limited, Weston, Ontario, Canada
Application October 16, 1935, Serial No. 45,296
7 Claims. (Cl. 280—284)

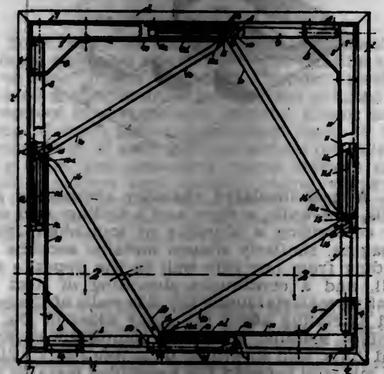
4. In a bicycle, a frame formed with a rigid forward structure and an upper tubular spring rear fork curving downwardly and rearwardly

therefrom to a short forward bend forming resilient loops, said rear forks being solely of sufficient lateral rigidity to maintain the alignment of the wheel mounted therein, wheel supporting mem-



bers slotted to adjustably support the wheel axle and being secured to the forwardly extending ends of said resilient loops, and a lower tubular spring rear fork having its rearward ends connected to said wheel supporting members.

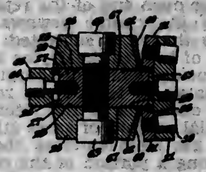
2,107,252
UNITED FOLDING LEG TABLE
Benedict E. Willett, Dayton, Ohio, assignor of one-half to Charles W. Riebel, Louisville, Ky.
Application October 1, 1934, Serial No. 746,325
6 Claims. (Cl. 311—82)



1. In a table, a plurality of supporting legs pivoted to the table on individual pivots arranged so that all the legs move in the same direction with respect to the periphery of the table, a longitudinally slotted guide bar for each leg and secured to the table interjacent each leg, an actuating member for each leg, each actuating member fashioned at one end with a guide means for operating in the slot of its respective guide bar and an elongated aperture at the opposite end loosely and slidably engaging the guide means of a successive actuating member, and a connecting link pivoted to each leg and pivotally embracing its respective actuating member near its apertured end whereby the operation of any one of said legs will impart similar movement to each of the other legs in succession.

2,107,253
MEANS FOR STRAIGHTENING KNITTING NEEDLES AND THE LIKE
Gustav Gastrich, Wyomissing, Pa., assignor to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania
Application May 29, 1935, Serial No. 24,012
16 Claims. (Cl. 266—2)

1. Apparatus for setting in straightened condition a spring-beard knitting needle and arranged to maintain the same in straightened condition during an annealing operation comprising a member having a groove therein complementary in form to the rear and side surfaces of a fin-



ished needle, a groove at right angles adapted to receive the needle butt, said two grooves being coplanar, and cooperating clamp means adapted to force a needle into said grooves.

2,107,254
ELECTRIC TUBE CONSTRUCTION
Clarence A. Horn, Roselle Park, N. J., assignor to Arcturus Development Company, Newark, N. J., a corporation of Delaware
Application December 11, 1935, Serial No. 53,848
24 Claims. (Cl. 250—27.5)



1. A stem assembly for electric tubes comprising a short glass tube, a plurality of separate fusible elements forming a glass wall for one end of said tube, an exhaust tube passing through said wall, and a plurality of wires sealed into said wall.

2,107,255
METHOD OF TREATING CARBONATES
Parker McComb, Monroe, La.
Application September 4, 1934, Serial No. 742,624
1 Claim. (Cl. 263—53)



The method of treating carbonates, comprising applying heated products of combustion to the exterior of a vertical retort having its upper end open and in free communication with the atmosphere so that the heat applied to the retort decreases upwardly for affording a lower reducing zone and an intermediate pre-heating zone

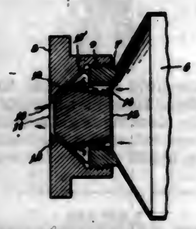
and an upper drying zone, introducing a loose charge of a carbonate comprising aggregates which are approximately one-inch to two-inches in size and having voids between them into the upper open end of the retort and gradually moving the charge downwardly through the retort so that it is subjected in succession to the action of heat in the drying and pre-heating and reducing zones, discharging the gases from the charge in the drying zone upwardly through the open end of the retort, preventing any substantial amount of gases other than carbon dioxide gas from entering the pre-heating zone by causing a portion of the carbon dioxide present in the pre-heating zone to pass upwardly through the voids in the charge in the pre-heating zone and drying zone and thereby forcing other gases through the voids in the drying zone and finally discharging to the atmosphere through the upper open end of the retort, and withdrawing a portion of the carbon dioxide from the pre-heating zone.

2,107,256

CLOSURE FOR CONTAINERS

Jens Andersen Olesen, Toronto, Ontario, Canada, assignor to Charles Ernest Johnston, Toronto, Ontario, Canada

Application February 11, 1937, Serial No. 125,202
7 Claims. (Cl. 221—60)



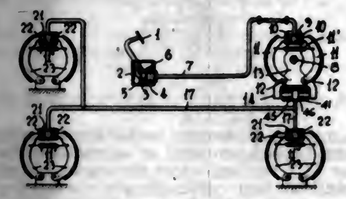
1. A closure for a collapsible tube or other container having a dispensing orifice encompassed by a threaded neck, said closure comprising a cap threadedly engaged with the neck and having a bore forming a seat encircling an orifice, and a sealing member loosely mounted in the bore thereof having a face engageable with said seat to seal off the orifice, said sealing member having discharge passages terminating at said face and controlled by the seat of the cap.

2,107,257

HYDRAULIC BRAKE

Christian Beusch, Wadenswil, Switzerland

Application September 19, 1935, Serial No. 41,322
5 Claims. (Cl. 188—152)



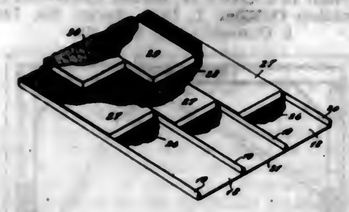
1. A master chamber for vehicle wheel hydraulic brake actuation comprising a cylinder having a pair of pistons, one of said pistons being located in said cylinder having a forward and a rearward packing ring, and having a fluid passage between said rings, a reserve fluid reservoir connected with said fluid passage closely adjacent said rearward packing ring, and a conduit connecting the passage between said rings with a point in the chamber closely adjacent and in front of the other piston, said other piston having a packing ring, whereby the initial part of a brake applying movement of either of said pistons seals the master chamber from the reservoir, and communication between said chamber and reservoir is established each time both pistons move to full release position.

2,107,258

HEAT-INSULATED WALL CONSTRUCTION

Edward R. Bose, Rutherford, N. J., assignor to United Cork Companies, Lyndhurst, N. J., a corporation of New Jersey

Application August 15, 1936, Serial No. 96,169
14 Claims. (Cl. 72—1)



1. A heat-insulated chamber comprising side walls, end-walls, a floor and a ceiling, said ceiling comprising a plurality of individual, interengaging, similarly shaped metallic sections extending from one side wall to the opposite side wall, and a continuous sheathing of heat insulating material lining the side walls of the room and extending about the outer edges of the assembled metallic units and completely covering said units, said sheathing including heat-insulating material between the assembled metallic sections and said side walls, whereby no continuous metallic path for the passage of heat extends from the interior to the exterior of the chamber.

2,107,259

MEANS FOR STOPPING SERVICE AND OTHER GAS PIPES

Claude S. Hasel, Philadelphia, Pa., assignor to The United Gas Improvement Company, Philadelphia, Pa., a corporation of Pennsylvania

Application May 2, 1934, Serial No. 723,464
3 Claims. (Cl. 138—89)



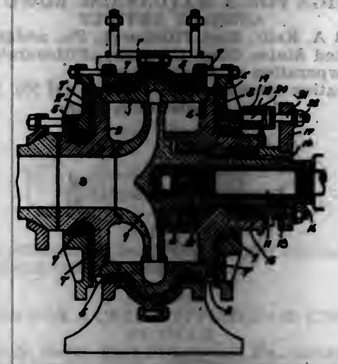
1. Means for stopping service and other gas pipes, said means being adapted for insertion through an orifice smaller than the internal diameter of the pipe to be stopped and equipped with flexible discs capable to enter and stop and reversely capable to leave the pipe, said multiple disk member including means adapted to be engaged by an inserting tool.

2,107,260

CORROSION RESISTING PUMP AND BLOWER

Seytiro Ihara, Nakaku, Nagoya, Japan, assignor to Nippon Gaishi Kabushiki Kaisha, Nagoya, Japan

Application March 4, 1936, Serial No. 67,126
3 Claims. (Cl. 103—114)



3. In a corrosion resisting pump construction having a separable annular metallic housing and an annular hollow porcelain chamber section provided with cylindrical end flanges adapted to be received in said metallic housing, means consisting of small pieces of porcelain fused to the exterior walls of said chamber section for roughening them, and cementing means between said chamber section and metallic casing engaging with said roughening means whereby axial strain on said section is borne by said casing to prevent cracking of said hollow section.

2,107,261

FERMENTATION OF BEET MOLASSES

David A. Legg, Terre Haute, and Noble R. Tarvin, Brasil, Ind., assignors to Commercial Solvents Corporation, Terre Haute, Ind., a corporation of Maryland

No Drawing. Application July 30, 1934, Serial No. 737,574
9 Claims. (Cl. 195—44)

1. In the fermentation of an essentially soluble carbohydrate mash containing beet molasses as a major component, by means of bacteria of the group *Clostridium saccharo-acetobutylicum*, the step which comprises effecting the fermentation in a mash containing proteinaceous material from grain alcohol distillery slop.

2,107,262

BEET MOLASSES FERMENTATION

David A. Legg, Terre Haute, and Noble R. Tarvin, Brasil, Ind., assignors to Commercial Solvents Corporation, Terre Haute, Ind., a corporation of Maryland

No Drawing. Application July 30, 1934, Serial No. 737,575
9 Claims. (Cl. 195—44)

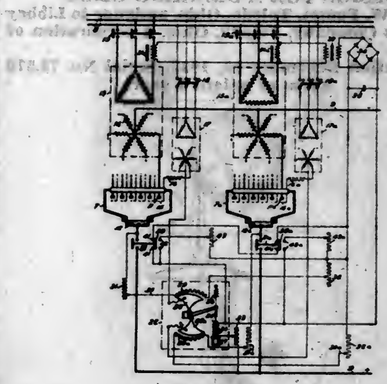
1. In the fermentation of an essentially soluble carbohydrate mash containing beet molasses as a major component, by means of bacteria of the group *Clostridium saccharo-acetobutylicum*, the step which comprises effecting the fermentation in a mash containing corn germ meal and a soluble non-toxic phosphate.

2,107,263

ELECTRIC VALVE CONTROL SYSTEM

Harold Winograd, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a corporation of Delaware

Application June 10, 1935, Serial No. 25,780
16 Claims. (Cl. 175—363)



1. In an electric translating system, an input circuit, an output circuit, an electric valve connected with said circuits for controlling the flow of current therebetween, a source of electric current connected with one of said circuits for supplying current thereto, means for controlling the operation of said source, means for controlling the conductivity of said valve, means responsive to an operating condition of said valve for controlling the second said means, and means controlled by the first said means and operable in one of the positions thereof to render the third said means unresponsive to said operating condition while said valve is maintained conductive.

2. In combination, an electric current line, a first source of current and a second source of current both connected with said line for supplying electric current thereto, means responsive to an operating condition of the first said source for regulating the flow of current therethrough, means for controlling the connection of the second said source with said line, and means controlled by the second said means operable in one of the positions thereof to render the first said means unresponsive to said operating condition.

2,107,264

PROCESS FOR THE PRODUCTION OF CARBON DISULPHIDE

John Philip Baxter, Widnes, and Leslie James Burrage, Liverpool, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

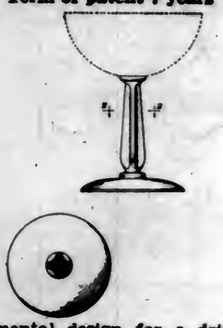
No Drawing. Application February 10, 1937, Serial No. 125,156. In Great Britain January 3, 1936
9 Claims. (Cl. 23—206)

1. The process for the production of carbon disulphide by reacting carbon and sulphur in known manner, characterized by the fact that the carbon used has been obtained by carbonizing coal between the temperatures of approximately 500° C. and approximately 600° C., for a period of 1 to 3 hours.

DESIGNS

FEBRUARY 1, 1938

108,200
DESIGN FOR A DRINKING GLASS
Edwin W. Fuerst, Toledo, Ohio, assignor to Libbey Glass Company, Toledo, Ohio, a corporation of Ohio
Application December 13, 1937, Serial No. 73,570
Term of patent 7 years



The ornamental design for a drinking glass substantially as shown.

108,201
DESIGN FOR A BICYCLE FRAME
Charles J. Fogarty, Westfield, Mass., assignor to The Westfield Manufacturing Company, Westfield, Mass., a corporation of Massachusetts
Application November 1, 1937, Serial No. 72,540
Term of patent 3½ years



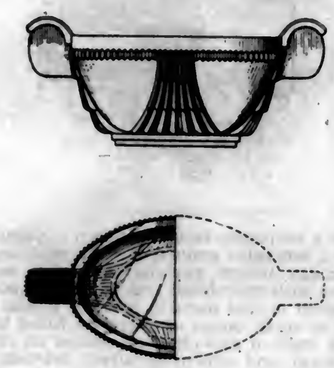
The ornamental design for a bicycle frame as shown and described.

108,202
DESIGN FOR A FLASHLIGHT CASE
Albert Gelardin, New York, N. Y.
Application July 6, 1936, Serial No. 63,685
Term of patent 14 years



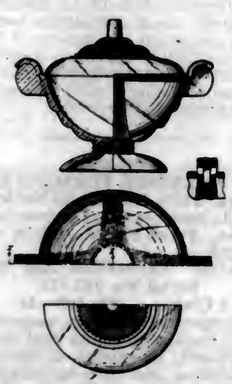
The ornamental design for a flashlight case, as shown and described.

108,203
DESIGN FOR A MAYONNAISE BOWL OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,780
Term of patent 3½ years



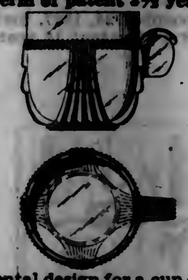
The ornamental design for a mayonnaise bowl or similar article, substantially as shown and described.

108,204
DESIGN FOR A COVERED JAR OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,781
Term of patent 3½ years



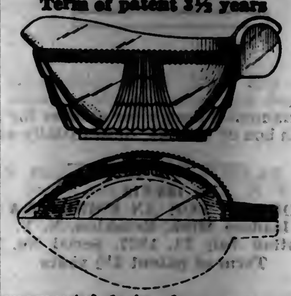
The ornamental design for a covered jar or similar article, substantially as shown.

108,205
DESIGN FOR A CUP OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,782
Term of patent 3½ years



The ornamental design for a cup or similar article, substantially as shown.

108,206
DESIGN FOR A CREAM PITCHER OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,783
Term of patent 3½ years



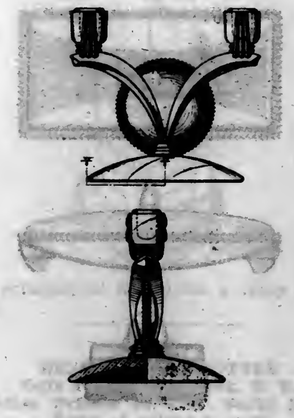
The ornamental design for a cream pitcher or similar article, substantially as shown and described.

108,207
DESIGN FOR A SALT SHAKER OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,784
Term of patent 3½ years



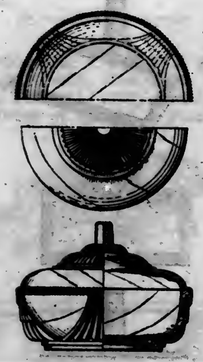
The ornamental design for a salt shaker or similar article, substantially as shown.

108,208
DESIGN FOR A CANDLESTICK OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,787
Term of patent 3½ years



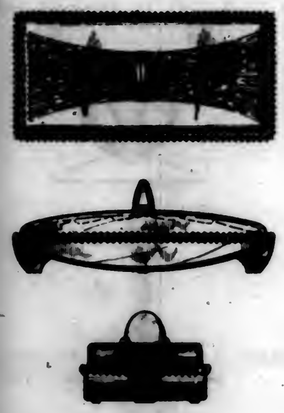
The ornamental design for a candlestick or similar article, substantially as shown.

108,209
DESIGN FOR A COVERED CANDY JAR OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,788
Term of patent 3½ years



The ornamental design for a covered candy jar or similar article, substantially as shown and described.

106,210
DESIGN FOR A COVERED DISH OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,790
Term of patent 7 years



The ornamental design for a covered dish or similar article, substantially as shown.

106,211
DESIGN FOR A COMBINED GRAVE MARKER AND URN
Joseph M. Majewski, Jr., Kansas City, Mo.
Application October 1, 1937, Serial No. 71,906
Term of patent 14 years



The ornamental design for a combined grave marker and urn substantially as shown.

106,212
DESIGN FOR A COVER FOR AN ELECTRIC SWITCH BOX OR THE LIKE
Ralph A. Millermaster and Alex A. Writzmann, Milwaukee, Wis., assignors to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application November 24, 1937, Serial No. 73,156
Term of patent 14 years



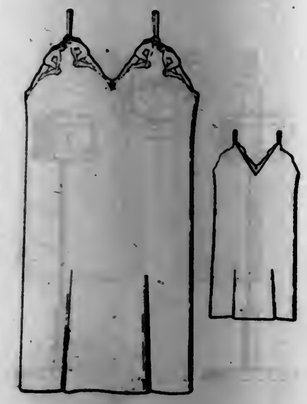
The ornamental design for a cover for an electric switch box or the like, substantially as shown.

106,213
DESIGN FOR AN UMBRELLA
Isadore Mlak, Brooklyn, N. Y.
Application July 21, 1937, Serial No. 70,557
Term of patent 3½ years



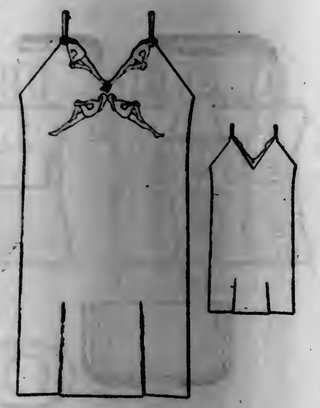
The ornamental design for an umbrella, as shown and described.

106,214
DESIGN FOR A SLIP OR SIMILAR ARTICLE
David Levy, New York, N. Y.
Application December 17, 1937, Serial No. 73,679
Term of patent 7 years



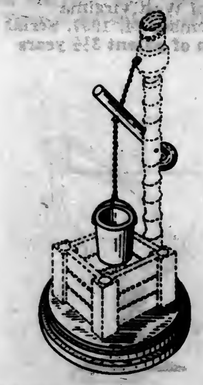
The ornamental design for a slip or similar article, substantially as shown and described.

106,215
DESIGN FOR A SLIP OR SIMILAR ARTICLE
David Levy, New York, N. Y.
Application December 17, 1937, Serial No. 73,680
Term of patent 7 years



The ornamental design for a slip or similar article, substantially as shown and described.

106,216
DESIGN FOR A LAMP STAND
Morris Ozick, Philadelphia, Pa.
Application April 9, 1937, Serial No. 68,648
Term of patent 7 years



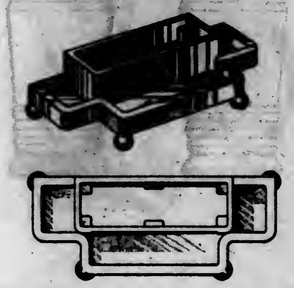
The ornamental design for a lamp stand, as shown.

106,217
DESIGN FOR A BOTTLE
Felix Pfeffer, New York, N. Y.
Application October 23, 1937, Serial No. 72,394
Term of patent 7 years



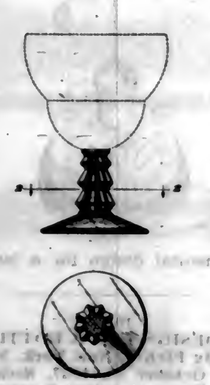
The ornamental design for a bottle, as shown and described.

106,218
DESIGN FOR A BOTTLE STAND
Joseph Revsen, New York, N. Y.
Application June 11, 1937, Serial No. 69,785
Term of patent 7 years



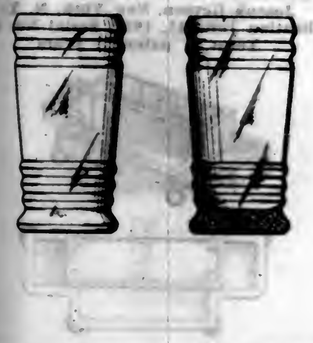
The ornamental design for a bottle stand, as shown.

168,219
DESIGN FOR A GOBLET OR SIMILAR ARTICLE
George Sakier, New York, N. Y., assignor to Fostoria Glass Company, Moundsville, W. Va., a corporation of West Virginia
Application November 24, 1937, Serial No. 73,155
Term of patent 3½ years



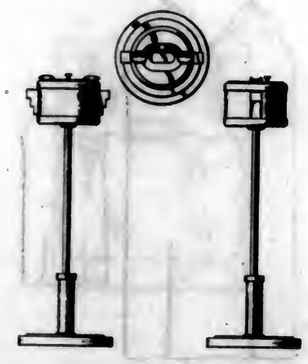
The ornamental design for a goblet or similar article, substantially as shown.

168,220
DESIGN FOR A GLASS OR SIMILAR ARTICLE
Morris Shapiro, Los Angeles, Calif.
Application November 2, 1937, Serial No. 72,595
Term of patent 14 years



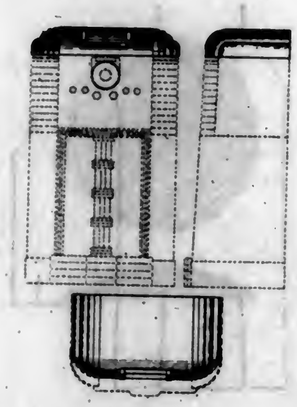
The ornamental design for a glass or similar article as shown.

168,221
DESIGN FOR A SMOKING STAND
Edward Schultz, Chicago, Ill., assignor to The Nagel-Chase Mfg. Co., Chicago, Ill., a corporation of Illinois
Application December 10, 1937, Serial No. 73,522
Term of patent 7 years



The ornamental design for a smoking stand, as shown.

168,222
DESIGN FOR A RADIO CABINET OR SIMILAR ARTICLE
Ross D. Siragusa, Chicago, Ill., assignor to Continental Radio and Television Corp., Chicago, Ill., a corporation of Illinois
Application May 5, 1937, Serial No. 69,227
Term of patent 7 years



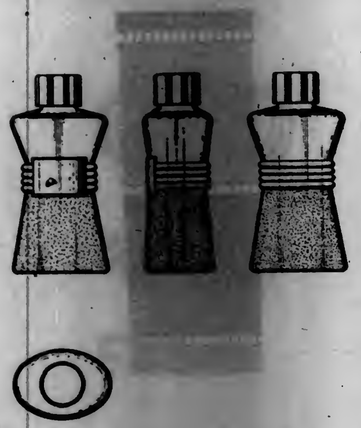
The ornamental design for a radio cabinet or similar article as shown and described.

168,223
DESIGN FOR A JAR
Frazier Smith, Wheeling, W. Va., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va., a corporation of West Virginia
Application December 20, 1937, Serial No. 73,771
Term of patent 14 years



The ornamental design for a jar, as shown.

168,224
DESIGN FOR A BOTTLE
George Spielman, Los Angeles, Calif., assignor to Los Angeles Soap Company, Los Angeles, Calif.
Application November 29, 1937, Serial No. 73,236
Term of patent 14 years



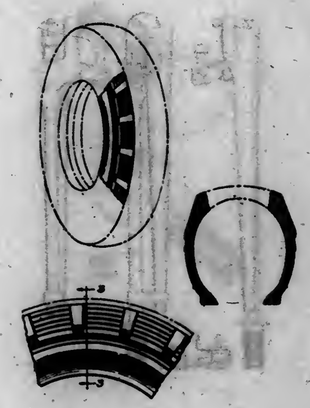
The ornamental design for a bottle as shown.

168,225
DESIGN FOR A VELOCIPEDE
Wilbur Henry Adams, Cleveland, Ohio, assignor to The Caleon Corporation, Elyria, Ohio, a corporation of Ohio
Application March 1, 1937, Serial No. 67,930
Term of patent 3½ years



The ornamental design for a velocipede substantially as shown and described.

168,226
DESIGN FOR A TIRE
Wilbur H. Adams, Cleveland, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application May 6, 1937, Serial No. 69,198
Term of patent 14 years



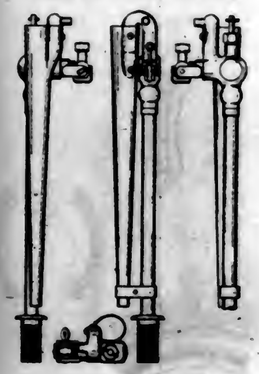
The ornamental design for a tire as shown.

106,227
DESIGN FOR A HEATER
Lawrence A. Altheff, Chicago, Ill.
Application June 25, 1937, Serial No. 70,060
Term of patent 7 years



The ornamental design for a heater, as shown and described.

106,228
DESIGN FOR A BALL COCK
Alfred C. Arbogast, Elkhart, Ind., assignor to Northern Indiana Brass Company, Elkhart, Ind.
Application December 6, 1937, Serial No. 73,388
Term of patent 14 years



The ornamental design for a ball cock, as shown.

106,229
DESIGN FOR A BROOCH OR THE LIKE
Nicholas Barbieri, Providence, R. I., assignor to Ureas Manufacturing Company, a corporation of Rhode Island
Application December 13, 1937, Serial No. 73,569
Term of patent 14 years



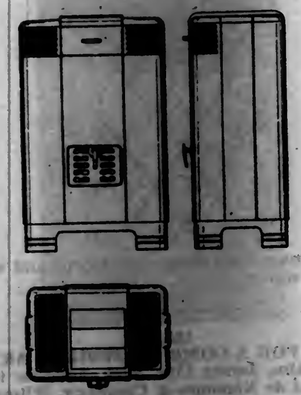
The ornamental design for a brooch or the like substantially as shown.

106,230
DESIGN FOR LACE
Jean Degnin, New York, N. Y.
Application December 28, 1937, Serial No. 73,897
Term of patent 3½ years



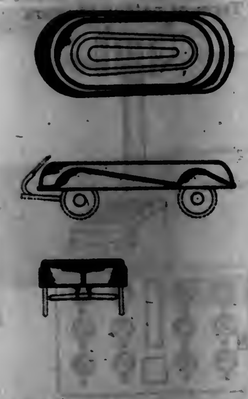
The ornamental design for lace substantially as shown.

106,231
DESIGN FOR AN AIR CIRCULATING HEATING STOVE
Edwin Mason, Kalamazoo, Mich., assignor to Kalamazoo Stove Company, Kalamazoo, Mich., a corporation of Michigan
Application December 1, 1937, Serial No. 73,290
Term of patent 3½ years



The ornamental design for an air circulating heating stove, as shown.

106,232
DESIGN FOR A COASTER WAGON
Clarence E. Garton, Sheboygan, Wis.
Application April 17, 1937, Serial No. 68,836
Term of patent 3½ years



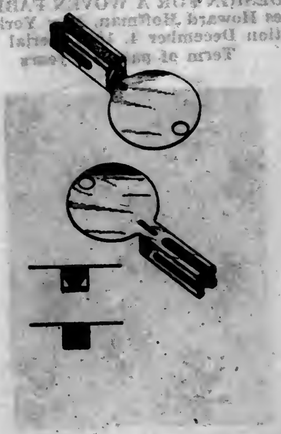
The ornamental design for a coaster wagon, as shown and described.

106,233
DESIGN FOR A SINGLE GEM MOUNTING
Joseph Granat, San Francisco, Calif.
Application October 29, 1937, Serial No. 72,500
Term of patent 7 years



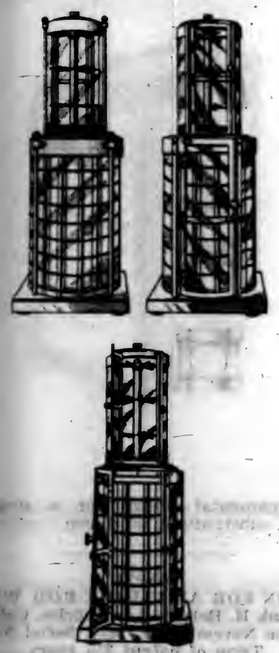
The ornamental design for a single gem mounting, substantially as shown.

106,234
DESIGN FOR AN ULLAGE-ROD WIPER
Frank H. Helsley, Los Angeles, Calif.
Application November 12, 1937, Serial No. 72,822
Term of patent 3½ years



The ornamental design for an ullage-rod wiper, as shown.

168,235
DESIGN FOR A DISPLAY STAND
Raymond A. Hennings, New Orleans, La., assignor of one-half to Alphonse G. Tennis, New Orleans, La.
Application September 17, 1937, Serial No. 71,661
Term of patent 7 years



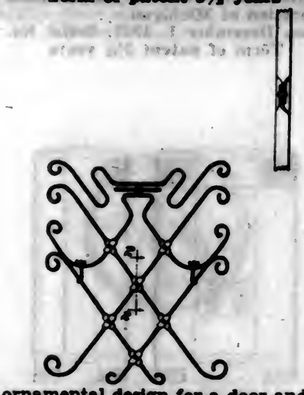
The ornamental design for a display stand, as shown.

168,236
DESIGN FOR A WOVEN FABRIC
James Howard Hoffman, New York, N. Y.
Application December 4, 1937, Serial No. 73,371
Term of patent 7 years



The ornamental design for a woven fabric, as shown.

168,237
DESIGN FOR A DOOR AND WINDOW GRILLE
Robert H. Hutchinson, Dallas, Tex.
Application December 10, 1937, Serial No. 73,511
Term of patent 3½ years



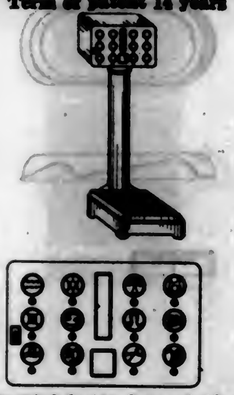
The ornamental design for a door and window grille, as shown.

168,238
DESIGN FOR A COMB OR SIMILAR ARTICLE
Julius Kahn, Jersey City, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corperation of Delaware
Application June 19, 1937, Serial No. 69,915
Term of patent 7 years



The ornamental design for a comb or similar article, substantially as shown.

168,239
DESIGN FOR A PLATFORM SCALE
Claude R. Kirk, River Forest, Ill.
Application December 2, 1937, Serial No. 73,319
Term of patent 14 years



The ornamental design for a platform scale, as shown.

168,240
DESIGN FOR A TEXTILE FABRIC
Henry F. Keeh, Philadelphia, Pa., assignor to Northampton Textile Company, Mount Holly, N. J., a corperation of New Jersey
Application December 23, 1937, Serial No. 73,839
Term of patent 3½ years



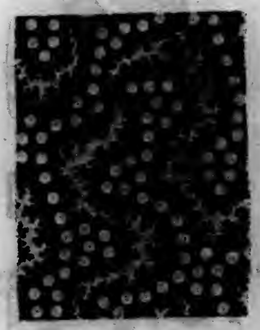
The ornamental design for a textile fabric substantially as shown.

168,241
DESIGN FOR A STOVE
Ralph E. Kruck, Springfield, Mass., assignor to Florence Stove Company, Gardner, Mass., a corperation of Massachusetts
Application December 13, 1937, Serial No. 73,552
Term of patent 3½ years



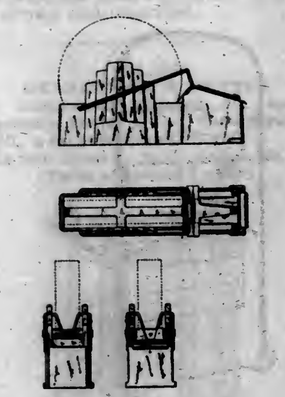
The ornamental design for a stove as shown and described.

168,242
DESIGN FOR A TEXTILE FABRIC
Marcel Mey, Paris, France, assignor to Marshall Field & Company, Chicago, Ill., a corperation of Illinois
Application August 23, 1937, Serial No. 71,279
Term of patent 3½ years



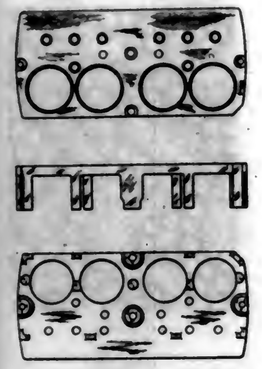
The ornamental design for a textile fabric as shown.

168,243
DESIGN FOR A DISPENSER FOR PAPER TAPE PRODUCT
Ferd H. Meyer, Oakland, Calif., assignor to The Adhesive Products Co., San Francisco, Calif., a corporation of California
Application November 24, 1937, Serial No. 73,154
Term of patent 7 years



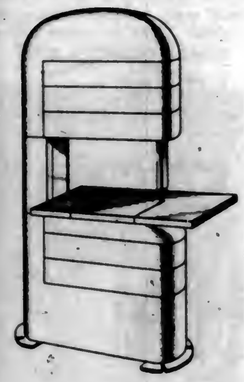
The ornamental design for a dispenser for paper tape product, substantially as shown.

168,244
DESIGN FOR A CYLINDER REBORING-PLATE
Edward R. Michener, St. Louis, Mo., assignor to H & H Machine & Motor Parts Company, St. Louis, Mo., a corporation of Missouri
Application January 11, 1937, Serial No. 67,001
Term of patent 14 years



The ornamental design for a cylinder reboring-plate, substantially as shown.

168,245
DESIGN FOR A BAND SAW
John R. Morgan, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application March 1, 1937, Serial No. 67,937
Term of patent 14 years



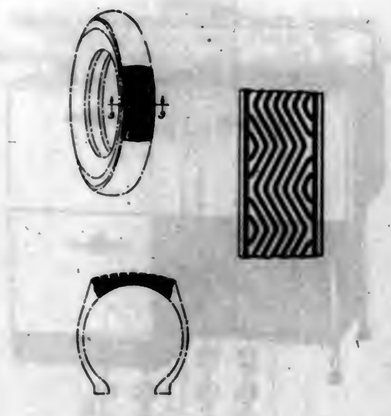
The ornamental design for a band saw, as shown and described.

168,246
DESIGN FOR A RUG
Eula Lee Ransom, Washington, D. C.
Application November 22, 1937, Serial No. 73,111
Term of patent 3½ years



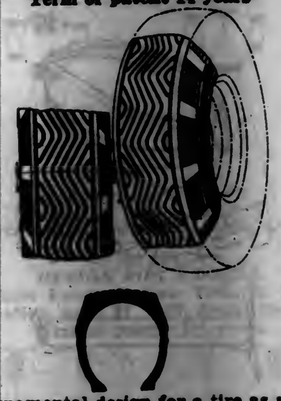
The ornamental design for a rug, as shown.

168,247
DESIGN FOR A TIRE
Kimball D. Smith, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application August 18, 1937, Serial No. 71,165
Term of patent 14 years



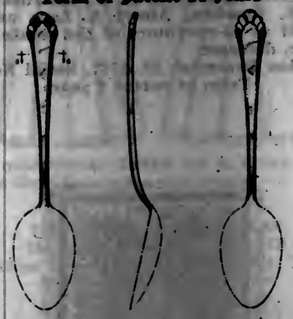
The ornamental design for a tire as shown.

168,248
DESIGN FOR A TIRE
Kimball D. Smith, Akron, and Wilbur H. Adams, Cleveland, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application October 5, 1937, Serial No. 71,978
Term of patent 14 years



The ornamental design for a tire as shown.

168,249
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Axel H. Staf, Providence, R. I., assignor to Gorham Manufacturing Company, Providence, R. I., a corporation of Rhode Island
Application December 4, 1937, Serial No. 73,351
Term of patent 14 years



The ornamental design for a spoon or other article of flatware substantially as shown.

168,250
DESIGN FOR A FINGER RING
Nathalie C. Sternberg, Woodmere, Long Island, N. Y.
Application December 1, 1937, Serial No. 73,281
Term of patent 3½ years



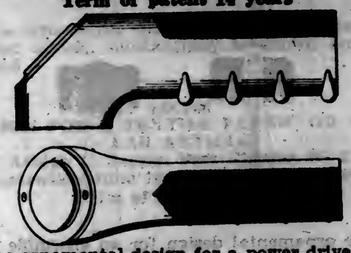
The ornamental design for a finger ring, as shown.

168,251
DESIGN FOR A BILLFOLD
William St. Thomas, Gloversville, N. Y., assignor to E. J. Wilkins Co., Gloversville, N. Y.
Application July 21, 1937, Serial No. 70,567
Term of patent 3½ years



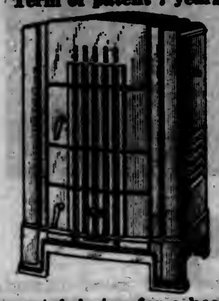
The ornamental design for a billfold as shown and described.

168,252
DESIGN FOR A POWER DRIVEN TOOL UNIT
Leonard L. Timm, Aurora, Ill.
Application December 2, 1937, Serial No. 73,318
Term of patent 14 years



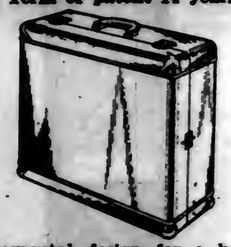
The ornamental design for a power driven tool unit, as shown and described.

168,253
DESIGN FOR A HEATER
John A. Underwood, Chicago, Ill., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill., a corporation of Illinois
Application June 1, 1937, Serial No. 69,643
Term of patent 7 years



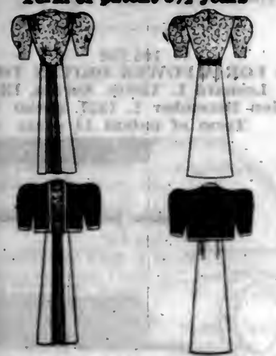
The ornamental design for a heater, as shown and described.

166,254
DESIGN FOR A HAND LUGGAGE CASE
George H. Wheary, Racine, Wis., assignor to Wheary Trunk Company, Racine, Wis., a corporation of Wisconsin
Application May 17, 1937, Serial No. 69,294
Term of patent 14 years



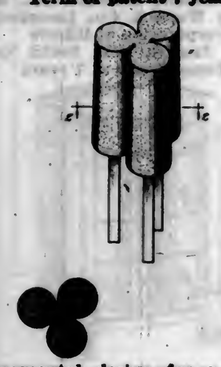
The ornamental design for a hand luggage case, as shown and described.

166,255
DESIGN FOR AN ENSEMBLE DRESS
Jacob Abbate, New York, N. Y.
Application December 9, 1937, Serial No. 72,486
Term of patent 3½ years



The ornamental design for an ensemble dress substantially as shown and described.

166,256
DESIGN FOR A CONFECTIONERY PRODUCT
Petro Ariole, Chicago, Ill.
Application December 3, 1937, Serial No. 73,333
Term of patent 7 years



The ornamental design for a confectionery product, as shown.

166,257
DESIGN FOR A LADY'S HEADDRESS
Elizabeth Durrant Barber, Miami, Fla.
Application November 16, 1937, Serial No. 72,940
Term of patent 7 years



The ornamental design for a lady's head dress, as shown.

166,258
DESIGN FOR A RUG
Lucien Biva, New York, N. Y., assignor to William E. Reschen, Albert A. Levy and John Hastedt as co-executors of the estate of Otto Timme, deceased
Application December 22, 1937, Serial No. 73,791
Term of patent 7 years



The ornamental design for a rug, as shown.

166,259
DESIGN FOR A DRESS
Margaret Klienbergen, New York, N. Y., assignor to Within & Schneider, New York, N. Y., a firm composed of Morris Within and Morris L. Schneider
Application November 27, 1937, Serial No. 73,223
Term of patent 3½ years



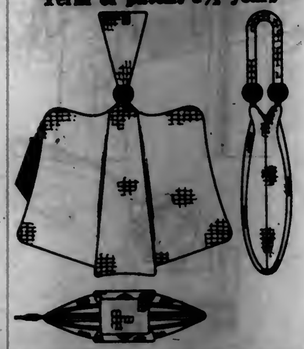
The ornamental design for a dress, as shown.

166,260
DESIGN FOR A DRESS
Rose Feintuck, New York, N. Y.
Application April 21, 1937, Serial No. 68,395
Term of patent 3½ years



The ornamental design for a dress, substantially as shown.

166,261
DESIGN FOR A HANDBAG
Henri Felmann, Chicago, Ill.
Application December 20, 1937, Serial No. 73,726
Term of patent 3½ years



The ornamental design for a handbag, substantially as shown and described.

166,262
DESIGN FOR A PLASTIC SHEET OR SIMILAR ARTICLE
Alan F. Harvey, Kearny, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application April 2, 1937, Serial No. 68,528
Term of patent 14 years



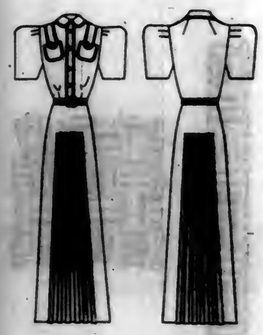
The ornamental design for a plastic sheet or similar article, substantially as shown and described.

166,263
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Adolph C. Jaeger, Port Chester, N. Y.
Application June 16, 1937, Serial No. 69,873
Term of patent 7 years



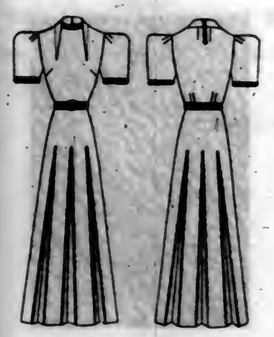
The ornamental design for a textile fabric or similar article substantially as shown and described.

106,264
DESIGN FOR A DRESS
Albert Kaplan, New York, N. Y.
Application December 8, 1937, Serial No. 73,462
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

106,265
DESIGN FOR A DRESS
Jacob J. Kushner, New York, N. Y.
Application December 16, 1937, Serial No. 73,652
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

106,266
DESIGN FOR A DISPLAY CASE OR SIMILAR ARTICLE
Augustine J. Long, Jr., Cincinnati, Ohio, assignor to The A. Nash Company, Cincinnati, Ohio, a corporation of Ohio
Application March 19, 1937, Serial No. 66,277
Term of patent 7 years



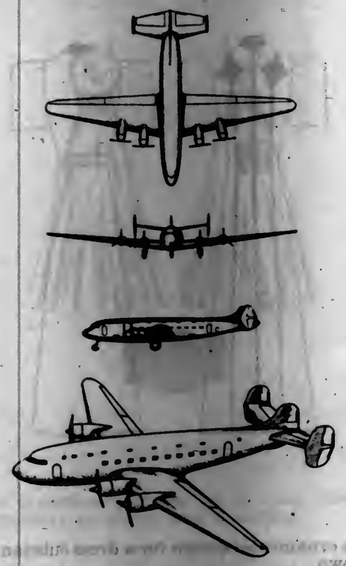
The ornamental design for a display case or similar article, substantially as shown.

106,267
DESIGN FOR A DRESS
Josephine Miracky, New York, N. Y.
Application December 20, 1937, Serial No. 73,969
Term of patent 3½ years



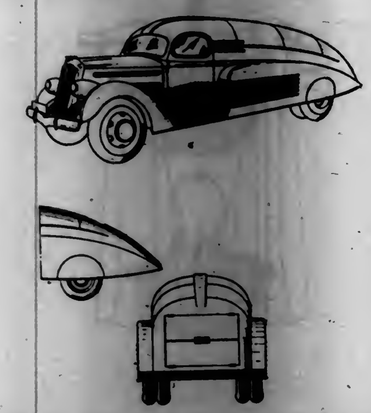
The ornamental design for a dress, substantially as shown.

106,268
DESIGN FOR AN AIRPLANE
Arthur E. Raymond, Santa Monica, and Edward F. Burton, Los Angeles, Calif., assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif., a corporation of Delaware
Application January 15, 1937, Serial No. 67,079
Term of patent 7 years



The ornamental design for an airplane substantially as shown and described.

106,269
DESIGN FOR A GASOLINE TANK VEHICLE
Alexis de Sakhnoffsky, Philadelphia, Pa., assignor to The White Motor Company, Cleveland, Ohio
Application January 21, 1937, Serial No. 67,190
Term of patent 7 years



The ornamental design for a gasoline tank vehicle, as shown and described.

106,270
DESIGN FOR A DRESS
Philip Schlamel, New York, N. Y.
Application December 8, 1937, Serial No. 73,450
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

106,271
DESIGN FOR A DRESS
Mary G. Strangand, New York, N. Y.
Application December 30, 1937, Serial No. 73,972
Term of patent 3½ years



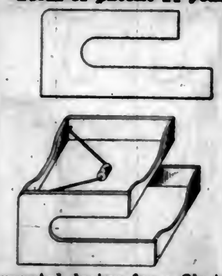
The ornamental design for a dress, substantially as shown.

106,272
DESIGN FOR A DRESS
John Tuman, Mount Vernon, N. Y.
Application December 9, 1937, Serial No. 73,487
Term of patent 3½ years



The ornamental design for a dress substantially as shown and described.

106,273
DESIGN FOR A FILE TRAY
Enoch R. Winstrom, Long Beach, Calif.
Application July 21, 1937, Serial No. 70,569
Term of patent 14 years



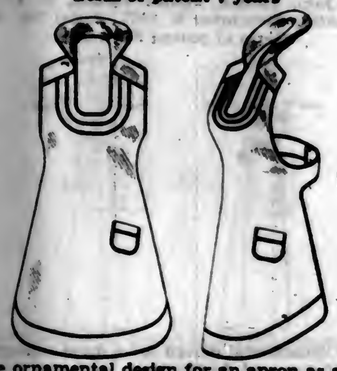
The ornamental design for a file tray as shown.

106,274
DESIGN FOR A COMBINED CLOCK FACE AND METRONOME
Albert H. Weinfeld, Philadelphia, Pa.
Application October 27, 1937, Serial No. 72,439
Term of patent 7 years



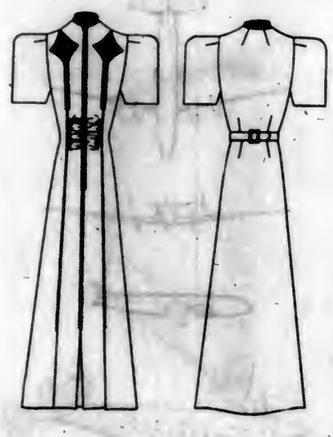
The ornamental design for a combined clock face and metronome, as shown.

106,275
DESIGN FOR AN APRON
Gertrude T. Bell, Auburn, Wash.
Application September 14, 1937, Serial No. 71,615
Term of patent 7 years



The ornamental design for an apron as shown.

106,276
DESIGN FOR A DRESS
Tera Coleman, New York, N. Y.
Application January 10, 1938, Serial No. 74,164
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

106,277
DESIGN FOR A DRESS
Tera Coleman, New York, N. Y.
Application January 10, 1938, Serial No. 74,165
Term of patent 3½ years



The ornamental design for a dress substantially as shown and described.

106,278
DESIGN FOR A DRESS ENSEMBLE
Sylvia Connell, New York, N. Y.
Application December 8, 1937, Serial No. 73,451
Term of patent 3½ years



The ornamental design for a dress ensemble, substantially as shown and described.

106,279
DESIGN FOR A HANDBAG
Henri Felmann, Chicago, Ill.
Application December 20, 1937, Serial No. 73,721
Term of patent 3½ years



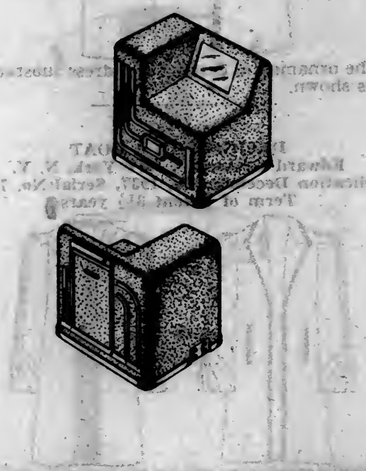
The ornamental design for a handbag, substantially as shown and described.

106,280
DESIGN FOR A HANDBAG
Henri Felmann, Chicago, Ill.
Application December 20, 1937, Serial No. 73,724
Term of patent 3½ years



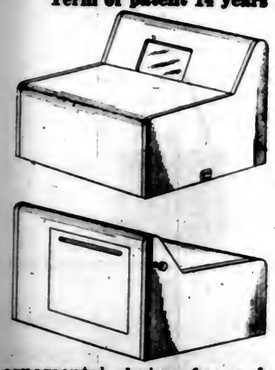
The ornamental design for a handbag, substantially as shown and described.

106,281
DESIGN FOR A FACSIMILE RECORDER OR THE LIKE
William G. H. Finch, New York, N. Y.
Application December 27, 1937, Serial No. 73,885
Term of patent 14 years



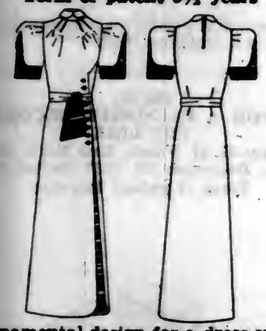
The ornamental design for a facsimile recorder or the like, as shown.

108,282
DESIGN FOR A FACSIMILE RECORDER OR THE LIKE
William G. H. Finch, New York, N. Y.
Application December 27, 1937, Serial No. 73,886
Term of patent 14 years



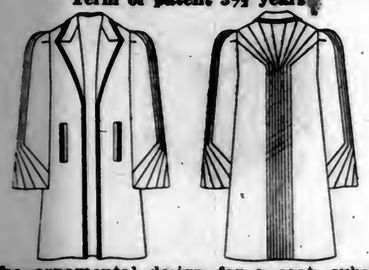
The ornamental design for a facsimile recorder or the like, as shown.

108,283
DESIGN FOR A DRESS
Louise George, New York, N. Y.
Application January 10, 1938, Serial No. 74,163
Term of patent 3½ years



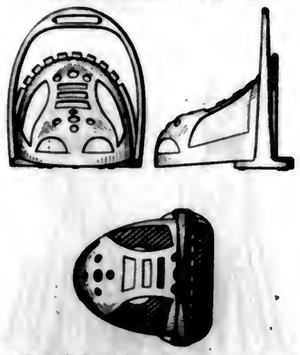
The ornamental design for a dress substantially as shown.

108,284
DESIGN FOR A COAT
Edward Gressman, New York, N. Y.
Application December 30, 1937, Serial No. 73,970
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

108,285
DESIGN FOR A COMBINED STIRRUP AND TOE GUARD
Aubrey F. Hart, New York, N. Y.
Application June 22, 1937, Serial No. 70,024
Term of patent 14 years



The ornamental design for a combined stirrup and toe guard, as shown.

108,286
DESIGN FOR A SOLE OR SIMILAR ARTICLE
Don C. Hubbard, Auburn, Maine
Application April 25, 1936, Serial No. 62,309
Term of patent 14 years



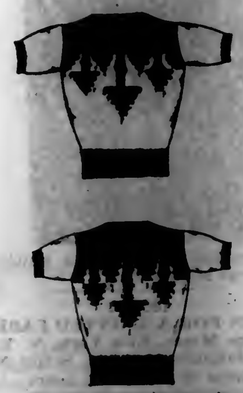
The ornamental design for a sole or similar article, as shown.

108,287
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Adolph C. Jaeger, Port Chester, N. Y.
Application June 16, 1937, Serial No. 69,874
Term of patent 7 years



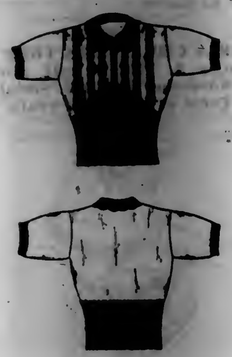
The ornamental design for a textile fabric or similar article substantially as shown and described.

108,288
DESIGN FOR A SWEATER
Charles Levine, New York, N. Y.
Application January 13, 1938, Serial No. 74,257
Term of patent 3½ years



The ornamental design for a sweater, substantially as shown.

108,289
DESIGN FOR A SWEATER
Charles Levine, New York, N. Y.
Application January 13, 1938, Serial No. 74,258
Term of patent 3½ years



The ornamental design for a sweater, substantially as shown.

108,290
DESIGN FOR A SWEATER
Charles Levine, New York, N. Y.
Application January 13, 1938, Serial No. 74,259
Term of patent 3½ years



The ornamental design for a sweater, substantially as shown and described.

108,291
DESIGN FOR A SWEATER
Charles Levine, New York, N. Y.
Application January 13, 1938, Serial No. 74,260
Term of patent 3½ years



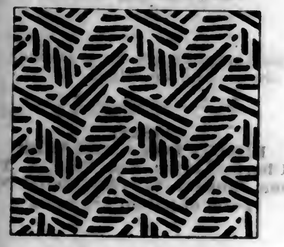
The ornamental design for a sweater, substantially as shown.

108,292
DESIGN FOR A DRESS
Albert E. Levy, New York, N. Y.
Application December 23, 1937, Serial No. 73,810
Term of patent 3½ years



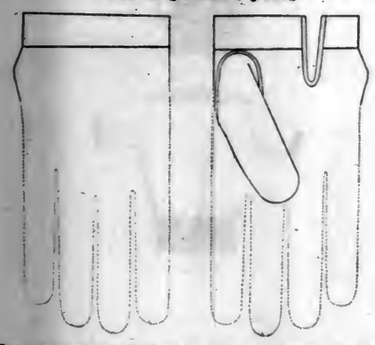
The ornamental design for a dress substantially as shown and described.

108,293
DESIGN FOR A TEXTILE FABRIC
Sterling B. McDonald, Chicago, Ill.
Application January 4, 1938, Serial No. 74,093
Term of patent 7 years



The ornamental design for a textile fabric, substantially as shown.

108,294
DESIGN FOR A GLOVE
Wallace E. Meyers, New York, N. Y.
Application November 30, 1937, Serial No. 73,264
Term of patent 7 years



The ornamental design for a glove, substantially as shown and described.

108,295
DESIGN FOR A KNITTED FABRIC
Harry Moses, New York, N. Y.
Application January 11, 1938, Serial No. 74,198
Term of patent 3½ years



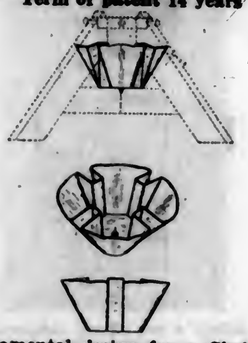
The ornamental design for a knitted fabric, substantially as shown.

108,296
DESIGN FOR A KNITTED FABRIC
Harry Moses, New York, N. Y.
Application January 11, 1938, Serial No. 74,199
Term of patent 3½ years



The ornamental design for a knitted fabric, substantially as shown.

108,297
DESIGN FOR A CHRISTMAS TREE SUPPORT
Stanley A. Pitt, Detroit, Mich.
Application November 22, 1937, Serial No. 73,108
Term of patent 14 years



The ornamental design for a Christmas tree support, substantially as shown.

108,298
DESIGN FOR A HAT
Alice Raimes, New York, N. Y.
Application January 6, 1938, Serial No. 74,106
Term of patent 3½ years



The ornamental design for a hat, substantially as shown.

108,299
DESIGN FOR A HAT
Alice Raimes, New York, N. Y.
Application January 6, 1938, Serial No. 74,107
Term of patent 3½ years



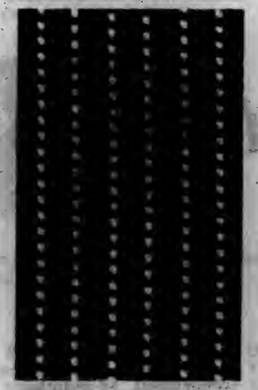
The ornamental design for a hat, substantially as shown.

108,300
DESIGN FOR A HAT
Alice Raimes, New York, N. Y.
Application January 12, 1938, Serial No. 74,212
Term of patent 3½ years



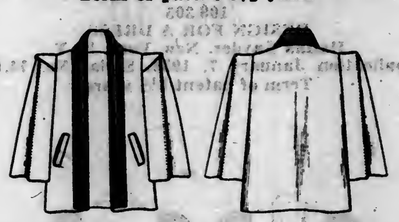
The ornamental design for a hat substantially as shown.

108,301
DESIGN FOR KNITTED FABRIC
David Siegel, New York, N. Y.
Application November 18, 1937, Serial No. 72,984
Term of patent 7 years



The ornamental design for knitted fabric substantially as shown and described.

108,302
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application December 13, 1937, Serial No. 73,573
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

108,303
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application December 17, 1937, Serial No. 73,673
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

106,304
DESIGN FOR A DRESS
Hanna Snyder, New York, N. Y.
Application January 7, 1938, Serial No. 74,131
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

106,305
DESIGN FOR A DRESS
Hanna Snyder, New York, N. Y.
Application January 7, 1938, Serial No. 74,133
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

106,306
DESIGN FOR A SAIL TOP
Allan W. Steele, Seattle, Wash.
Application June 29, 1937, Serial No. 70,166
Term of patent 14 years



The ornamental design for a sail top, as shown.

106,307
DESIGN FOR A TEXTILE FABRIC
Mark Turpan, West New York, N. J.
Application January 8, 1938, Serial No. 74,156
Term of patent 3½ years



The ornamental design for a textile fabric substantially as shown.

106,308
DESIGN FOR A TEXTILE FABRIC
Mark Turpan, West New York, N. J.
Application January 12, 1938, Serial No. 74,232
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

106,309
DESIGN FOR A TEXTILE FABRIC
Hans W. Wilde, North Bergen, N. J.
Application January 12, 1938, Serial No. 74,230
Term of patent 3½ years



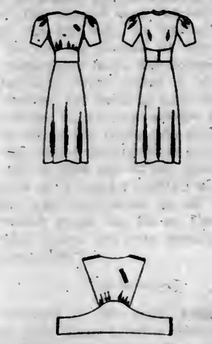
The ornamental design for a textile fabric substantially as shown.

106,310
DESIGN FOR LACE
John H. Worrall, New York, N. Y., assignor to Liberty Lace and Netting Works, New York, N. Y., a corporation of New York
Application December 18, 1937, Serial No. 73,713
Term of patent 3½ years



The ornamental design for lace, substantially as shown and described.

106,311
DESIGN FOR A COMBINATION DRESS
Oscar Zaretsky, New York, N. Y.
Application December 11, 1937, Serial No. 73,536
Term of patent 3½ years



The ornamental design for a combination dress substantially as shown and described.







Patents Nos. 2,107,265 to 2,108,080

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February 8, 1938

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Reissues	3—No.	20,649 to No.	20,651, inclusive.
Patents	702—No.	2,107,365 to No.	2,108,080, inclusive.
Designs	105—No.	103,312 to No.	103,416, inclusive.
Total	1,237		

Disclaimers

1,846,875.—*Alfred D. Kerr*, Newark, N. J., and *Karl D. Perkins*, New York, N. Y. AIR CONDITIONING. Patent dated February 23, 1932. Disclaimer filed January 13, 1938, by the assignee, *Auditorium Conditioning Corporation*.

Hereby makes this disclaimer of claims 1, 2, and 7 of said Letters Patent.

1,919,959.—*Paul H. Minton*, Chatham, N. J. ABSORBENT FILTER FOR SMOKING APPLIANCES. Patent dated July 25, 1933. Disclaimer filed January 8, 1938, by the assignee, *Minton Manufacturing Company*.

Hereby enters this disclaimer to claim 8 of the aforesaid Letters Patent.

1,996,830.—*Klaas Posthumus*, Eindhoven, Netherlands. AMPLIFIER. Patent dated April 9, 1935. Disclaimer filed January 19, 1938, by the assignee, *Radio Corporation of America*.

Hereby enters this disclaimer to claim 6 in said specification and to the methods covered by claims 7, 8, 9 and 10 of said patent, except when each of the methods of said claims is limited to detection by means of an asymmetrical conducting device for producing desired frequency changes in current.

2,002,234.—*Willard L. Morrison*, Lake Forest, Ill. AIR COOLING AND CIRCULATING DEVICE AND PROCESS. Patent dated May 21, 1935. Disclaimer filed January 8, 1938, by the patentee.

Hereby disclaims from claim 6 of the said Letters Patent all processes except such where the cooling of the air which is dropped by gravity into the bottom of the defined area in which the portion of the air is isolated is "cooled at the top of said defined area, so that the movement of the air into the defined area is produced entirely by the cooling thereof at the top of the defined area," as is illustrated in all the figures of the drawings; and also disclaims from claim 7 of the said Letters Patent all devices for cooling and circulating air in a segregated portion of a room, except such devices where the means for filling the receptacle with artificially cooled air, so that the cooled air displaces warmer air and causes the warmer air to pass out of the open top of the receptacle, "consists of a means located at the top of receptacle" of the type illustrated in all the figures of the drawings, "which cools the air at the top of the receptacle and which forms the only means of circulating the air in the receptacle".

2,002,235.—*Willard L. Morrison*, Lake Forest, Ill. AIR COOLING AND CIRCULATING DEVICE. Patent dated May 21, 1935. Disclaimer filed January 8, 1938, by the inventor.

Hereby enters this disclaimer to claims 18 and 19 of the said patent.

2,037,875.—*Frank Benedict*, Rutherford, N. J., and *Paul E. Carter*, Bronxville, N. Y. TRAIN DISPATCHING SYSTEM FOR RAILROADS. Patent dated April 21, 1936. Disclaimer filed January 17, 1938, by the assignee, *General Railway Signal Company*.

Hereby enters this disclaimer to claims 2, 6, 19, 21, 22, and 24 of said Letters Patent.

Communications to the Patent Office

RULE 8. A separate letter should in every case be written in relation to each distinct subject of inquiry or application. Assignments for record, final fees, and orders for copies or abstracts must be sent to the Office in separate letters.

Briefs in Appealed Cases

All briefs filed in this Office should have conspicuously printed thereon a statement designating the particular tribunal of the Patent Office to which the brief is addressed.

Condition of Applications Under Examination at Close of Business January 22, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 43,844; Trade-Mark Division, 1,668. Oldest new case, July 24, 1937; oldest amended, July 3, 1937.)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Aug. 19	Aug. 20	708
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Sept. 16	Sept. 14	812
4008	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Nov. 22	Nov. 25	360
7083	4. DONNELLY, A. E. Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brakes.	Oct. 25	Oct. 6	514
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	Oct. 25	Oct. 23	536
4686C	6. LEWERS, A. M., Carbon Chemistry (part)	Oct. 6	Oct. 16	773
5726	7. JARBOE, C. G., Optics; Photography	Oct. 5	Oct. 5	1,107
3685	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Oct. 14	Oct. 22	542
4624	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Sept. 28	Sept. 28	475
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies, and Tops; Vehicle Fenders; Spring Devices.	Sept. 15	Sept. 20	782
3087B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Oct. 16	Oct. 18	676
7701	12. HENRY, C. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Aug. 18	Aug. 18	788
5006	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging, and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Sept. 15	Sept. 15	664
5097	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Oct. 25	Oct. 25	517
4597	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Oct. 5	Oct. 5	1,176
5716	16. SPENCER, C. J., Telegraphy; Telephony	Sept. 22	Sept. 22	945
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Oct. 22	Oct. 23	830
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 22	Sept. 28	454
4686	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Sept. 23	Sept. 23	741
6005	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Sept. 23	Sept. 24	447
7783	21. THOMPSON, T. J., Textiles; Cloth Finishing	Oct. 23	Oct. 28	550
5609	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Oct. 26	Oct. 27	577
7624	23. BUTTNER, W. J., Registers (part)	July 24	July 3	318
5083	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Oct. 25	Oct. 26	623
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Oct. 13	Oct. 13	596
5808	26. YOUNG, R. R., Electricity, Generation; Motive Power	Sept. 30	Sept. 22	891
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Aug. 9	Aug. 9	947
4626	28. SOLYOM, H. L., Internal-Combustion Engines	Oct. 16	Oct. 16	316
6083	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Sept. 8	Sept. 10	843
4083	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Aug. 20	Aug. 18	882
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Oct. 22	Oct. 22	566
4086	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Oct. 13	Oct. 18	551
6096	33. WYMAN, W. L., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Oct. 25	Oct. 14	795
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Nov. 5	Nov. 1	311
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Oct. 14	Oct. 20	822
7892	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Sept. 28	Sept. 15	832
5986B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Sept. 23	Sept. 22	775
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stoneworking; Wells; Plastic Compositions.	Sept. 2	Sept. 4	642
4578	39. WHITNEY, F. I., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Sept. 20	Sept. 23	640
7890	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Sept. 22	Sept. 22	1,284
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Oct. 9	Oct. 8	292
3832	42. CUTTING, H. O., Electric Signaling	Sept. 23	Sept. 3	822
4686B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch	Oct. 19	Oct. 20	555
3087B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Aug. 26	Aug. 26	908
7008	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Oct. 6	Oct. 7	705
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Sept. 25	Sept. 25	653
6082	47. LOWE, E. R. (Act.), Clutches; Brakes	Oct. 14	Oct. 16	653
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Oct. 15	Oct. 15	538
7725	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Aug. 2	July 21	867
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Oct. 22	Oct. 22	696
6628	51. BACKUS, O. D., Radiant Energy	Oct. 15	Oct. 15	804
7700	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Oct. 13	Oct. 9	861
6697	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Sept. 22	Sept. 21	808
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Nov. 4	Nov. 4	374
6883	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Aug. 30	Sept. 7	1,075
4726	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Sept. 8	Sept. 3	1,182
6613	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Oct. 1	Sept. 27	617
6606	58. DOWELL, E. F., Abrading; Bottles and Jars	Oct. 5	Sept. 29	351
4709	59. SHEPARD, P. W., Chemistry Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Oct. 14	Oct. 20	617
5906	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Sept. 22	Sept. 22	541
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Aug. 16	Aug. 2	664
5621	62. PUGH, E. C., Games; Geometrical Instruments	Nov. 2	Oct. 26	553
4589	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Oct. 19	Oct. 21	411
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Oct. 11	Oct. 11	1,115
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Sept. 15	Sept. 22	663
2000B	Trade-Marks, Labels, and Prints: F. A. RICHMOND {Trade-Marks	Dec. 9	Jan. 8	1,371
	{Labels and Prints	Dec. 13	Jan. 3	297
2005	Designs, H. H. KALUPY	Dec. 27	Jan. 10	660

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

FILDES *v.* WILLIAMSON

No. 3,861. Decided December 6, 1937

[92 F.(2d) 94]

(1) INTERFERENCE — APPLICANT AND PATENTEE — APPEALS—MOTION TO DISMISS.

Where in an applicant-patentee interference the Board of Appeals in awarding priority to applicant held that he had the right to make the claims in issue and that the patentee had derived the invention from him and the patentee on appeal to the Court raised only the question of applicant's right to make the claims, a motion by the applicant to dismiss the appeal was *Denied* as the question is ancillary to that of priority and if determined adversely to applicant the testimony as to priority and originality becomes immaterial.

(2) SAME—SAME—PRIORITY.

Held that the applicant W. has the right to make the claims in issue and that being the only question raised in the appeal of the patentee F., the award of priority to W. was affirmed.

APPEAL from the Patent Office. Affirmed.

Messrs. Fraley & Paul for Fildes.

Mr. Joseph Harris for Williamson.

LENROOT, *J.*:

This is an appeal in an interference proceeding from a decision of the Board of Appeals of the United States Patent Office, affirming a decision of the Examiner of Interferences awarding priority of invention of the subject matter in issue to appellee.

The issue embraces four counts, numbered 1 to 4, inclusive, of which count 1 is illustrative; it reads as follows:

1. A shipping container of the character described having side walls, top and end walls of sheet metal, separate horizontal and vertical binding strips terminating short of the upper corners of the container and connecting its top and side walls with the end walls and corner pieces continuous with the horizontal and vertical binding strips aforesaid, connecting the top, side and end walls of the container and completely filling in the intervals between the binding strips, the said corner pieces being integrally formed with hooks for engagement by lifting tackle.

The interference is between a patent, No. 1,868,633, issued to appellant, and an application filed by appellee. Appellant's patent was issued on July 26, 1932, upon an application filed January 23, 1931. Appellee's application was filed on April 22, 1931. Inasmuch as appellee's application was copending with appellant's application at the time of the issue of said patent, appellant derived no advantage from such issue.

The invention involved, as set forth in appellant's patent and in appellee's application, relates to improvements in containers for use with railroad equipment in the transportation of merchandise. Appellant's patent states:

This invention relates to shipping containers such as are used in making shipments in separate consignments by railroad, and which are separately removable from special cars designed to support them in transit.

Containers of the type referred to are ordinarily constructed with sheet metal top, side and end walls; and it has been the practice heretofore to connect these side walls, top and end walls by angle strips which extend continuously around their perimetric edges meeting at opposite ends of the structures.

The bending of these continuous binding strips into conformity with the upper corners of the container was extremely difficult of accomplishment in view of the sharpness of the angle and often precluded the formation of weathertight junctures.

One object of my invention is to overcome the above indicated drawbacks through use of separate horizontal and vertical strips terminating short of the upper corners of the containers, and through provision of corner pieces to connect the container walls in the intervals between the separate binding strips aforesaid.

In addition to the foregoing, I aim to embody in the corner pieces, hooks for engagement by lifting tackle incident to placement and removal of the containers with respect to the supporting cars.

Other objects and attendant advantages of this invention will be manifest from the detailed description following in connection with the attached drawing, whereof Fig. 1 is a view showing, in side elevation, a fragmentary portion of a shipping container embodying the present improvements.

Appellee copied, for the purpose of interference, the four claims from appellant's patent corresponding to the counts here in issue.

Following the declaration of interference both parties filed preliminary statements, and thereafter appellant moved to dissolve the interference upon the ground that appellee's application does not support the counts.

This motion was denied by the Primary Examiner. Thereafter testimony was taken by both parties. Inasmuch as appellant claimed that the evidence submitted was relevant to the question of appellee's right to make the claims corresponding to the counts, raised upon appellant's motion to dissolve, the Examiner of Interferences re-examined that question and held that all of the elements of the involved counts were disclosed in appellee's application.

Upon the merits of the case he held that appellee was the first to conceive the invention and that he fully disclosed it to appellant. He therefore awarded priority of invention as to each of the counts in issue to appellee.

Upon appeal the Board of Appeals affirmed the decision of the Examiner, expressly holding that appellee's application supports the counts, and that appellant derived the invention from appellee.

[1] Appellant has appealed to this court. Before us he does not contest the finding of the Patent Office tribunals that he derived the invention from appellee, but expressly confines his appeal to the question of whether appellee's application discloses the subject matter of the counts in issue, and his reasons of appeal relate wholly to that subject.

Appellant's notice of appeal reads as follows:

And now comes Frederick K. Fildes, by Fraley & Paul, his attorneys, and gives notice to the Commissioner of Patents of his appeal to the United States Court of Customs and Patent Appeals from the decision of the Board of Appeals rendered on or about June 23, 1936, awarding priority of invention to Clarence H. Williamson in the above entitled case, and assigns as his reasons of appeal the following:

1. The Board of Appeals erred in holding that Williamson's application discloses the subject matter of the counts in issue.

2. The Board of Appeals erred in holding that the "slip effect" or "slip joint", which is the essence of the invention, could be presumed to be disclosed in Williamson's application, although not shown or described therein, because such a joint would be selected as a matter of course.

3. The Board of Appeals erred specifically in holding that a disclosure can be predicated upon pure speculation.

Notice is hereby given that the party Fildes in the presentation of this appeal confines the issue to the matter of disclosure of the invention in Williamson's application; and that in preparing the record for the Court of Customs and Patent Appeals, the party Fildes will ask that only such of the testimony and exhibits as bear directly upon the issue of disclosure shall be incorporated in the printed record.

Prior to the hearing of this case upon its merits, appellee moved to dismiss the appeal upon the ground that this court is without jurisdiction to entertain the appeal. This motion was heard by us at the same time that oral arguments were presented upon the merits of the case, and decision upon such motion was reserved.

It is appellee's position that the reasons of appeal do not assign any error of the Board of Appeals in awarding priority of invention to appellee, and that in his reasons of appeal appellant deliberately excluded the issue of priority and confined the issue to the matter of disclosure of the invention in appellee's application. Appellee also contends that the reasons of appeal are not sufficiently specific to comply with the statute, section 4911 R. S.

The motion to dismiss the appeal is denied. In an interference proceeding, where there has been an award of priority, the question of the right of one of the parties to make claims corresponding to the counts is a question ancillary to the question of priority and is properly considered upon an appeal from a decision awarding priority of invention to one of the parties. This is so well established and constantly observed as to require no citation of authority. While appellee contends that, under the peculiar facts existing in this case, this rule should not prevail, we see no reason why it should not. If appellee's application does not support the involved counts, any testimony with respect to priority of invention, or as to whether appellant derived the invention from appellee, is wholly immaterial, for if appellee cannot make the claims corresponding to the counts, there never was any interference in fact between the parties.

Upon the question of whether appellant's reasons of appeal are sufficiently specific to comply with the statute, section 4911 R. S., we hold that the first reason of appeal, hereinbefore quoted, is sufficiently specific to present the only issue before us, and it is therefore unnecessary to consider appellant's other reasons of appeal, for they all bear upon the subject matter of appellant's first reason of appeal.

[2] This brings us to a consideration of the merits of appellant's appeal, and the only question before us for determination is whether appellee's application discloses the elements of the counts such as

"separate horizontal and vertical binding strips terminating short of the upper corners of the container * * * and corner pieces * * * completely filling in the intervals between the binding strips,"

as set forth in count No. 1.

Appellee discloses a container having four corner posts, Z-bar end plates and Z-bar side plates. It is conceded that the corner posts constitute vertical binding strips, and that the Z-bar side plates constitute horizontal binding strips, but it is appellant's contention that there is no disclosure in appellee's application that such horizontal and vertical binding strips terminate short of the upper corners of the container, and that there is no disclosure that the corner pieces completely fill in the intervals between the binding strips.

Appellee's application states:

At the upper corners, the side and end Z-bar plates and the corner posts are secured together by other castings 29—29, the details of which are best illustrated in Figures 1, 3, and 4. As clear from the drawings, each of the side and end Z-bar plates is arranged with the web 30 thereof disposed horizontally, the inner flange 31 extending vertically upward and the outer flange 32 extending vertically downward. Each of the corner castings 29 is conformed to the Z-bar plates, as clearly shown in Figures 3 and 4 and also to the slope or pitch of the side plates, as shown, said castings being riveted both to the vertical flanges 31 of the Z-bars, as indicated at 33—33 and to the depending flanges 32, as indicated at 34—34. Each of said castings 29 is also provided with a depending right angular corner section conforming to the angular corner post 21 and to which the latter are riveted, as indicated at 35—35. The corner castings 29 are each formed with an upstanding lifting hook 36 to permit of the attachment of a sling and the handling of a container by a crane in the usual manner.

Figure 4, referred to in the above quotation, clearly discloses that the horizontal Z-bar side plate terminates short of the corner of the container, for between the end of said last named plate and the corner is plainly seen the end of the Z-bar end plate. In said figure a vertical corner post is shown, which, as we view the drawing, terminates short of the corner of the container because in the drawing the corner consists wholly of the corner piece, the end of the Z-bar end plate and the wall of the container. The drawing shows an offset in the corner piece at the point that it comes in contact with the corner post, indicating that at such point the upper end of the corner post terminates. With respect to the question of whether the corner pieces completely fill the intervals between the binding strips, we are of the opinion that appellee's application discloses this feature. Again referring to Figure 4 of appellee's drawings, assuming that the Z-bar end plates terminate at the upper corner of the container, the corner piece as shown in said drawing completely fills such interval as exists between appellee's vertical corner post and the end of his horizontal Z-bar plate.

It is our opinion that appellee's application, taken as a whole, supports the counts here involved.

We are not unmindful of the rule that, with certain exceptions, in interference cases counts will be given the broadest interpretation that their terms may reasonably permit, but express limitations should not be ignored; neither are we permitted to read into counts limitations not there expressed.

Much of appellant's argument is directed to the contention that the invention here involved lies in a "slip joint" corner construction for a railway container, and that appellee does not disclose such a "slip joint." With respect to this contention we would observe that there is nothing in the counts with respect to a "slip joint", nor is any construction described therein that would necessarily result in a "slip joint." While not material, it may be observed that a "slip joint" is not mentioned in appellant's patent. Irrespective of whether or not appellee discloses a "slip joint", we are satisfied that his disclosure supports each element of the counts here involved, and he is therefore entitled to make the claims corresponding to the involved counts.

For the reasons herein stated, the decision of the Board of Appeals is affirmed.

Affirmed.

GRAHAM, *P. J.*, sat during the argument of this case, but died before the opinion was prepared.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

1,357,020. (See Re. 18,742.)

1,421,756, C. Arnao, Massage apparatus; 1,982,904, Davis & Nielsen, Steaming apparatus, filed Sept. 23, 1937, D. C. Minn., 4th Div., Doc. E 2988, *Lara Co., Inc.*, v. *R-G Beauty Supply Co.*

1,489,630, T. B. Drescher, Bifocal lens; 1,513,923, R. J. Montgomery, Glass and composition therefor; 1,765,287, M. R. Scott, Optical glass, D. C., W. D. N. Y., Doc. 1841, *Bausch & Lomb Optical Co.* v. *Sharon Optical Co., Inc.* Dismissed Nov. 22, 1937.

1,513,923. (See 1,489,630.)

1,538,952, A. W. Ram, Traffic signal, D. C., S. D. N. Y., Doc. E 83/194, *Horni Signal Mfg. Corp.* v. *Automatic Signal Corp.* Dismissed (notice Nov. 29, 1937).

1,544,973, D. P. Ghadiali, Color wave projection apparatus, filed Nov. 27, 1937, D. C., E. D. Wis. (Milwaukee), Doc. 5199, *D. P. Ghadiali* v. *E. A. Ernest (Ernest Distributing Co.).*

1,549,387, F. W. Schmithals, Baling press; 1,766,642, Jacobson & Kruse, same, D. C., E. D. Wis. (Milwaukee), Doc. 5018, *Logemann Bros. Co.* v. *Galland-Henning Mfg. Co.* Claims 4 and 6 of 1,549,387 and claim 1 of 1,766,642 held valid and infringed Nov. 23, 1937.

1,606,402, E. V. Crowell, Casing extension; 1,896,482, same, Cement retainer; 1,699,052, same, Tubing bleeder; 1,608,167, Crowell & Watson, Tubing bleeder and anchor, filed Nov. 22, 1937, D. C., S. D. Calif. (Los Angeles), Doc. E 1204–J, *E. V. Crowell* v. *Baker Oil Tools, Inc., et al.*

1,608,167. (See 1,606,402.)

1,661,144. (See Re. 17,891.)

1,683,453. (See Re. 18,742.)

1,699,052. (See 1,606,402.)

1,728,602, H. Garrett, Automatic street signaling system; 1,743,965, same, System for operating traffic controlling and fire alarm apparatus, filed Nov. 18, 1937, D. C., N. D. Tex. (Ft. Worth), Doc. E 938, *National Electric Signal Co.* v. *The City of Mineral Wells, Tex.*

1,743,965. (See 1,728,602.)

1,756,657. (See Re. 18,278.)

1,760,820. (See Re. 18,742.)

1,765,287. (See 1,489,630.)

1,766,642. (See 1,549,387.)

1,800,558, Moran & Lee, Goggles, filed Nov. 29, 1937, D. C., N. D. Ohio, Doc. E 5671, *R. Malcom et al.* v. *The Safety Clothing Co.*

1,800,719, S. S. Cramer, Electrical condenser, filed Nov. 18, 1937, D. C., E. D. N. Y., Doc. E 8418, *Condenser Development Corp.* v. *Union Parts Mfg. Co., Inc.*

1,813,433. (See Re. 17,891.)

1,814,132. (See Re. 18,742.)

1,843,812. (See Re. 19,520.)

1,856,986. (See Re. 18,742.)

1,895,978. (See Re. 18,742.)

1,896,482. (See 1,606,402.)

1,917,261, P. E. Hawkinson, Method of retreading tire casings; 1,917,262, same, Apparatus for retreading tire casings; 2,034,618, same, Tire retreading apparatus, filed Nov. 24, 1937, D. C. M. D. Pa., Doc. 1302, *P. E. Hawkinson Co. et al.* v. *J. Williams et al.*

1,917,262. (See 1,917,261.)

1,930,987, J. T. Simmons, Method and apparatus for testing the productivity of formations encountered in wells, D. C., S. D. Tex. (Houston), Doc. (E 33) E 727, *E. P. Halliburton et al.* v. *O. W. Killam.* Dismissed on stipulation without prejudice Nov. 12, 1937.

1,954,805. (See Re. 18,742.)

1,959,413. (See Re. 18,742.)

1,969,672. (See Re. 17,891.)

1,973,433, H. C. Foster, Vanity case, D. C., S. D. N. Y., Doc. E 82/158, *Foster Jewelry Co., Inc.*, v. *Rex Products Corp. et al.* Dismissed (notice Nov. 23, 1937).

1,980,048, G. F. French, Ladder web of Venetian blinds, D. C., E. D. N. Y., Doc. E 8193, *Thos. French & Sons, Ltd.*, v. *M. Krauss et al.* Decree for defendant Nov. 24, 1937.

1,982,904. (See 1,421,756.)

1,988,281, 1,988,282, F. Maccarone, Shoe making method; 1,988,283, same, Means for making shoes, D. C., S. D. N. Y., Doc. E 80/268, *Compo Shoe Machinery Corp.* v. *Del-Mac Shoe Process Corp.* Consent order of dismissal (notice Nov. 23, 1937).

1,988,282. (See 1,988,281.) 1,988,283. (See 1,988,281.)

1,993,021, A. Slaten, Cream dispensing valve, D. C. Minn., 4th Div., Doc. E 2969, *A. Slaten* v. *E. A. Anderson et al.* Dismissed as to E. A. & H. O. Anderson, T. Johnson & A. Thinerholm (notice Nov. 24, 1937).

2,034,618. (See 1,917,261.)

2,097,677, M. Sokoloff, Method of making ornamental material, filed Nov. 29, 1937, D. C., S. D. N. Y., Doc. E 86/103, *Hy-Art Novelty Co., Inc.*, v. *W. Jacobson et al.*

2,097,677. (See 2,034,618.)

Re. 17,602, R. O. Nelson, Variable traffic signal, D. C., S. D. N. Y., Doc. E 77/263, *The Engineering & Research Corp. et al.* v. *Horni Signal Mfg. Corp.* Claims 5 to 12, inclusive, 25, 27, 29, and 63 held valid, injunction (notice Nov 29, 1937).

Re. 17,760. (See Re. 18,742.)

Re. 17,891, G. Sundback, Fastener; 1,661,144, same, Separable fastener slider; 1,813,433, same, Separable fastener; 1,969,672, N. Poux, Separable fastener slider, filed Nov. 24, 1937, D. C., W. D. N. Y., Doc. 2187, *Talon, Inc.*, v. *I. Tinjanoff.*

Re. 18,278 (of 1,756,657), W. L. Morris, Grease feeder, filed Nov. 27, 1937, D. C., W. D. Pa., Doc. E 3353, *Stewart-Warner Corp. et al.* v. *Universal Lubricating Systems, Inc.*

Re. 18,742 (of Re. 17,760 and 1,683,453), F. W. Farrell, Coated paper; 1,357,020, E. H. Angier, Gummed paper and method of manufacturing same; 1,959,413, 1,856,986, R. G. Drew, Adhesive sheeting; Re. 19,128 (of 1,760,820), same, Adhesive tape; 1,814,132, same, Process for preparing adhesive tape; 1,895,978, same, Adhesive sheeting and masking for painting; 1,954,805, same, Method of making adhesives in the form of sheets, filed Nov. 17, 1937, D. C., S. D. Calif., C. Div., Doc. E 1286–H, *Minnesota Mining & Mfg. Co.* v. *Pacific Treating Mills et al.* Consent decree against defendants; patents held valid and infringed; injunction Dec. 2, 1937.

Re. 19,128. (See Re. 18,742.)

Re. 19,520 (of 1,843,812), T. J. Dykema, Bottle closure and liquid dropper, appeal filed Nov. 27, 1937, C. C. A., 2d Cir., Doc. —, *T. J. Dykema* v. *Liggett Drug Co., Inc.*

Des. 87,056, J. F. Greig, Corset, D. C., S. D. N. Y., Doc. E 84/71, *Charmaux Patent Corset Co., Inc.*, v. *Dainties, Inc.* Consent order of discontinuance (notice Nov. 23, 1937).

Des. 91,372, J. S. Stein, Bottle, filed Nov. 29, 1937, D. C., S. D. N. Y., Doc. E 86/102, *Lucien Lelong, Inc.*, v. *H. D. Koenig & Co., Inc.*

Des. 102,222, J. J Blackstone, Embroidered net, filed Nov. 23, 1937, D. C., S. D. N. Y., Doc. E 86/77, *J. J. & M. Blackstone, Inc.*, v. *Treo Lace & Embroidery Co., Inc., et al.*

Des. 106,555, N. Abelson, Dress, filed Nov. 29, 1937, D. C., S. D. N. Y., Doc. E 86/99, *Ginsburg et al.* v. *Atlas Half-Size Dress Co., Inc.* Doc. E 86/100, *B. Ginsburg et al.* v. *Richstyle Dresses, Inc.*

Des. 106,929, D. Rosenthal, Dress, filed Nov. 24, 1937, D. C., S. D. N. Y., Doc. E 86/83, *Rosenthal & Kalman Co., Inc.*, v. *Irving Stempel & Co., Inc.*

Des. 106,944, P. Fracchia, Dress, filed Nov. 24, 1937, D. C., S. D. N. Y., Doc. E 86/81, *Rosenthal & Kalman Co., Inc.*, v. *Schorr-Silverstein, Inc.*

Des. 107,045, A. H. Love, Handbag, suit for declaratory judgment, filed Nov. 24, 1937, D. C., S. D. N. Y., Doc. E 86/79, *Morris White Mfg. Co., Inc.*, v. *M. M. Markel, Inc., et al.* Doc. E 86/80, *M. M. Markel, Inc.*, v. *Morris White Mfg. Co., Inc.*

Des. 107,050, P. Fracchia, Dress, filed Nov. 24, 1937, D. C., S. D. N. Y., Doc. E 86/82, *Rosenthal & Kalman Co., Inc.*, v. *Jomas Frocks, Inc.* Doc. E 86/84, *Rosenthal & Kalman Co., Inc.*, v. *Trussel Dress Co., Inc.*

Des. 107,192, I. Lampel, Dress, filed Nov. 27, 1937, D. C., S. D. N. Y., Doc. E 86/98, *Cecele Dance Frocks, Inc.*, v. *Columbia Dance Frocks, Inc.*

T. M. 177,026, H. Jevne Co., Foods and ingredients of foods, D. C. Tex. (Corpus Christi), Doc. E 97, *The Arkansas City Flour Mills Co.* v. *A. M. Cain et al.* Dismissed Nov. 24, 1937.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 2,014,134, R. B. Ivandick, Locking gas cap, decided December 1, 1937, claims 1, 4, and 5.

Pat. 2,050,210, N. B. Griffin, Shoe sole construction, decided January 14, 1938, claim 1.

Pat. 2,064,343, W. H. Finley and C. H. Hamilton, Pressure operated valve structure, decided January 14, 1938, claims 1, 2, and 3.

Pat. 2,085,936, F. F. Wolf, Can washing machine, decided January 19, 1938, claims 3, 6, 28, and 29.

Adjudicated Patents

(D. C. Mich.) Thomas patent, No. 1,179,476, for metal punching machinery, claims 1 and 2 *Held* invalid. *Whitman & Barnes* v. *Allied Products Corporation*, 21 F. Supp. 195.

(D. C. Conn.) Eden patent, No. 1,408,869, for wringer for washing machine, claims 8, 9, 10, and 11 *Held* valid and infringed. *Apex Electrical Mfg. Co.* v. *Landers, Frary & Clark*, 21 F. Supp. 241.

(D. C. Conn.) Dietenberger patent, No. 1,712,755, for washing machine, claim 1 *Held* invalid. *Id.*

(D. C. Conn.) Kirby patent, No. 1,842,030, for laundry machine, claim 8 *Held* invalid. *Id.*

(D. C. Conn.) Kirby patent, No. 1,927,665, for dishwashing machine, claim 8 *Held* invalid. *Id.*

(D. C. Conn.) Kirby patent, No. 1,960,178, for laundry machine, claims 3, 30, and 32 *Held* invalid. *Id.*

(D. C. Conn.) Maus patent, No. 2,021,097, for washing machine, claims 16, 18, 20, and 22 *Held* invalid. *Id.*

(D. C. Conn.) Kirby reissue patent, No. 18,280, for clothes washing machine, claims 24, 25, and 29 *Held* invalid. *Id.*

(D. C. Mich.) Richard reissue patent, No. 18,395, for punch and die retainer, claims 1–6 *Held* invalid. *Allied Products Corporation* v. *Whitman & Barnes*, 21 F. Supp. 186.

(D. C. Mich.) Richard reissue patent, No. 18,401, for punch and die retainer, claims 2, 3, 5, 6, and 7 *Held* valid. Claims 2, 5, and 6 *Held* not infringed. Claims 3 and 7 *Held* infringed. *Allied Products Corporation* v. *Whitman & Barnes*, 21 F. Supp. 186.

(D. C. Conn.) Prachar reissue patent, No. 19,217, for ironing machine, claims 14, 19, 20, 21, and 24 *Held* invalid. *Apex Electrical Mfg. Co.* v. *Landers, Frary & Clark*, 21 F. Supp. 241.

TRADE-MARKS

OFFICIAL GAZETTE, FEBRUARY 8, 1938

[VOL. 487. No. 2]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 396,944. JUD YOHO, doing business as Yoho & Hooker, Youngstown, Ohio. Filed Aug. 30, 1937.



Applicant disclaims the words "Aromatic Cedar" and "Kennel Bedding."

For Kennel Bedding.

Claims use since Jan. 1, 1937.

Ser. No. 398,373. SALOMON & PHILLIPS, New York, N. Y. Filed Oct. 11, 1937.

SCAMOZA

For Leather.

Claims use since June, 1937.

Ser. No. 399,941. SHOE FORM CO., INC., Auburn, N. Y. Filed Nov. 19, 1937.

NON-FLAM

For Plastic Cellulose Derivative, a Raw Material in Sheet Form.

Claims use since August, 1937.

Ser. No. 400,334. W. ATLEE BURPEE COMPANY, Philadelphia, Pa. Filed Dec. 1, 1937. Under 10-year proviso.

Burpee's

For Seeds, Bulbs, Roots, and Plants of All Kinds.

Claims use since 1877.

Ser. No. 400,351. OLD BEN COAL CORPORATION, Chicago, Ill. Filed Dec. 1, 1937.

CAL-X

For Coal.

Claims use since Feb. 15, 1937.

Ser. No. 400,357. TAINTOR TRADING COMPANY, New York, N. Y. Filed Dec. 1, 1937.



For Clay in Bulk, White Clay, Ground Clay, Crude Chalk, and Cliffstone.

Claims use since January, 1931.

Ser. No. 400,512. A. C. LAWRENCE LEATHER COMPANY, Peabody, Mass. Filed Dec. 6, 1937.

CHEVRITA

For Leather.

Claims use since Jan. 30, 1912.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 398,969. MARIZON & ROSENBERG CO., INC., New York, N. Y. Filed Oct. 28, 1937.



The word "Original" is disclaimed apart from the mark shown.

For Ladies' Handbags.

Claims use since Sept. 30, 1937.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 399,690. TURCO PRODUCTS, INC., Los Angeles, Calif. Filed Nov. 12, 1937.

TECNIK

For Cleaning Compounds for General Industrial and Household Use.
Claims use since Sept. 15, 1937.

Ser. No. 399,717. R. H. MACY & CO., INC., New York, N. Y. Filed Nov. 13, 1937. Under section 5b of the act of 1905 as amended in 1920.

MACY'S

For Enamel and Porcelain Cleaner, Soaps, Shoe Polish and Cleaner, Cleaning Fluid for Garments and Textile Fabrics, Cleaning Compounds for Floors, Walls, Tile, Marble, Porcelain, China, Glass, Silverware, Metalware, and Painted Wood Work, Washing Powder, Steel Wool, Metal Polish, Cleaning and Polishing Cloths, Top Dressing, Shaving Soap, Scouring Powder, Shaving Cream.
Claims use on cleaning fluid since 1928; on shaving soap since 1930; on enamel and porcelain cleaner, soaps, cleaning compounds, washing powder, and metal polish since 1931; on top dressing since March, 1932; on shoe polish and cleaner since 1932; on steel wool since 1933; on cleaning and polishing cloths since 1934; on shaving cream since April, 1935; and on scouring powder since Oct. 8, 1932.

Ser. No. 400,462. MIDLAND CHEMICAL LABORATORIES, INC., Dubuque, Iowa. Filed Dec. 4, 1937.

FIBRELENE

For Paste Dry Cleaning Soap.
Claims use since Nov. 13, 1937.

Ser. No. 400,491. MARCIA BLIER, New York, N. Y. Filed Dec. 6, 1937.

ALO

For Liquid Aluminum Cleanser.
Claims use since Nov. 27, 1937.

Ser. No. 400,928. SHULTON, INC., New York, N. Y. Filed Dec. 16, 1937.



For Saponaceous Compounds for Cleaning the Hands, Shaving Cream, Shaving Sticks, Shaving Powder, Outfit Packages Containing Soap and Towel; Soap Powder for Bathing, Washing, and Cleaning Purposes; Laundry Soaps, Soap Flakes, Hand Soaps, Toilet Soaps, Soap Pastes, Washing Tablets, Bath Tablets, and Shampoo Soaps.
Claims use since Apr. 2, 1937.

Ser. No. 400,931. SHULTON, INC., New York, N. Y. Filed Dec. 16, 1937.



For Saponaceous Compounds for Cleaning the Hands, Shaving Cream, Shaving Sticks, Shaving Powder, Outfit Packages Containing Soap and Towel; Soap Powder for Bathing, Washing, and Cleaning Purposes; Laundry Soaps, Soap Flakes, Hand Soaps, Toilet Soaps, Soap Pastes, Washing Tablets, Bath Tablets, and Shampoo Soaps.
Claims use since Apr. 2, 1937.

Ser. No. 400,933. SHULTON, INC., New York, N. Y. Filed Dec. 16, 1937.



For Saponaceous Compounds for Cleaning the Hands, Shaving Cream, Shaving Sticks, Shaving Powder, Outfit Packages Containing Soap and Towel; Soap Powder for Bathing, Washing, and Cleaning Purposes; Laundry Soaps, Soap Flakes, Hand Soaps, Toilet Soaps, Soap Pastes, Washing Tablets, Bath Tablets, and Shampoo Soaps.
Claims use since Apr. 2, 1937.

Ser. No. 401,090. SHULTON, INC., New York, N. Y. Filed Dec. 18, 1937.



For Saponaceous Compounds for Cleaning the Hands, Shaving Cream, Shaving Sticks, Shaving Powder, Outfit Packages Containing Soap and Towel; Soap Powder for Bathing, Washing, and Cleaning Purposes; Laundry Soaps, Soap Flakes, Hand Soaps, Toilet Soaps, Soap Pastes, Washing Tablets, Bath Tablets, and Shampoo Soaps.
Claims use since Apr. 2, 1937.

CLASS 5

Adhesives

Ser. No. 397,007. STAR CHEMICAL CO. INC., Chicago, Ill. Filed Sept. 1, 1937.

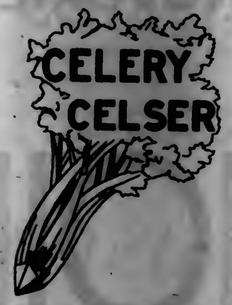
✡STAR✡

For Wood and Marble Cement in Stick Form.
Claims use since Jan. 1, 1913.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 363,330. KOCH BROS. INC., Union City, N. J. Filed Apr. 2, 1935.



The word "Celery" and the word "Celser" are disclaimed apart from the mark.
For Preparation to Relieve Headache and Indigestion.
Claims use since Mar. 26, 1935.

Ser. No. 385,796. MONSANTO CHEMICAL COMPANY, St. Louis, Mo. Filed Nov. 20, 1936.

SANTOCEL

For Organic and Inorganic Aerogels, Such as Silica Aerogel, Having Sub-microscopic Porosity, Being of Low Apparent Specific Gravity, Possessing Marked Heat Insulating Properties, and Having a General Use in the Industrial Arts.
Claims use since April, 1936.

Ser. No. 387,817. EWEN CAMERON, Wellington, New Zealand. Filed Jan. 15, 1937.

TAKT

For Effervescent Mouth Wash Tablets, Deodorants, Depilatories, and Deodorant Powders.
Claims use since Nov. 18, 1936.

Ser. No. 396,614. SAPEWA PHARMAZEUTISCHE PRÄPARATE ERNST F. P. WESCHE, Berlin, Germany. Filed Aug. 20, 1937.

Viperin

The word "Viperin" is disclaimed apart from the mark.
For Medicinal Preparation for Injection or Embrocation in Form of Solutions or Ointments Taken From Snake Oil, and Used in the Treatment of Rheumatism, Lumbago, Myalgia, Neuralgia, Asthma, Etc.
Claims use since June 2, 1937.

Ser. No. 397,429. ROY ZIMMERMAN, doing business as The Marvalin Co., Compton, Calif. Filed Sept. 14, 1937.

MARVALIN

For Liniment and Salve.
Claims use since Dec. 4, 1934.

Ser. No. 397,632. HENRY K. WAMPOLE AND COMPANY, INCORPORATED, Philadelphia, Pa. Filed Sept. 21, 1937. Under section 5b of the act of 1905 as amended in 1920.

WAMPOLE'S

Applicant is owner of T. M. Reg. No. 87,022 for the word "Wampole's", effected under the 10-year proviso.
For Antacid Tablets, Antiseptic Solutions, Cholagogue and Biliary Stimulant Tablets, Cough Mixture, Liquid Diuretic, Diuretic Pills, Liquid Hypnotic and Sedative, Capsules for Treatment of Menstrual Disorders, Liquid Tonics for General Use, Tonic Pills for General Use, Suppositories, Vaginal Cones, and a Product for Use in the Treatment of Diarrhea and Irritated Conditions of the Gastrointestinal Tract.
Claims use since 1880, on liquid tonics; since 1901, on capsules for treatment of menstrual disorders and tonic pills; since 1902, on antiseptic solutions, diuretic pills, liquid hypnotic and sedative, suppositories, and vaginal cones; since 1903, on antacid tablets and cough mix-

ture; since 1904, on a product for use in the treatment of diarrhea and irritated conditions of the gastrointestinal tract; and since 1905, on cholagogue and biliary stimulant tablets and liquid diuretic.

Ser. No. 398,246. FRANK W. HORNER, LIMITED, Montreal, Quebec, Canada. Filed Oct. 7, 1937.

CALHALOL-E

The letter "E" is disclaimed apart from the mark.
For Capsules Containing Wheat Germ Oil, Halibut Oil, and Calcium Monophosphate Equivalent to Vitamins A, D, and E.
Claims use since Dec. 1, 1936.

Ser. No. 398,480. HYMAN MILLER, doing business as Myam Products Co., Arlington, Mass. Filed Oct. 14, 1937.

MYAM

For Medicinal Preparation Used Principally for the Treatment of Arthritis, Neuritis, Sciatica, Lumbago, Rheumatism, and Muscular Contraction of Every Description.
Claims use since Oct. 1, 1937.

Ser. No. 398,754. ORAH CARDIN, Miami, Okla. Filed Oct. 21, 1937.

ORAH CARDIN'S
"B.I.T.W." TREATMENT



The portrait is that of applicant and the name Orah Cardin is a reproduction of applicant's signature.
For Preparation for Treating Rheumatism, Diabetes, and Dropsy.
Claims use since April, 1935.

Ser. No. 398,955. JAMES L. YOUNGHUSBAND, Chicago, Ill. Filed Oct. 25, 1937.

SMOOTHIE

For Lipsticks, Rouge, Face Powder, Eyelash and Eyebrow Mascara, Creams for the Hands and Face, Preparations for Skin, Hair, and Fingernails, and Perfumes.
Claims use since July 10, 1936.

Ser. No. 399,061. STANDARD DRUG CO., doing business as Elars Products, Richmond, Va., and New York, N. Y. Filed Oct. 28, 1937.

SUPER ALBA

For Medicinal Preparation for Treating Constipation and Sluggish Bowels and Containing Medicinal Mineral Oil and Agar With Phenolphthalein.
Claims use since Sept. 29, 1937.

Ser. No. 399,214. SAMUEL H. WILLIAMS, Burlington Junction, Mo. Filed Nov. 1, 1937.



The portrait is that of the proprietor.
For Medicine Used in the Treatment of Rheumatism.
Claims use since Sept. 29, 1931.

Ser. No. 399,620. PARFUMS REVILLON, Paris, France. Filed Nov. 11, 1937.

CARNET DE BAL

For Products of Perfumery, Hygiene, and Beauty—Namely, Perfumes, Toilet Waters and Powders, Toothpaste and Powders, Hair Tonics and Lotions, Face Creams, Face Lotions, Face Powders, Rouge, Lipstick, and Nail Polish.
Claims use since Jan. 21, 1935.

Ser. No. 399,625. E. R. SQUIBB & SONS, New York, N. Y. Filed Nov. 11, 1937.

THIALATUM

For Vitaminic Preparations.
Claims use since Nov. 1, 1937.

Ser. No. 399,626. E. R. SQUIBB & SONS, New York, N. Y. Filed Nov. 11, 1937.

NOVOXIL

For Antiseptic Preparations.
Claims use since Nov. 3, 1937.

Ser. No. 399,722. THE NORWICH PHARMACAL COMPANY, Norwich, N. Y. Filed Nov. 13, 1937.

NOIL

For Preparation for Preventing Sunburn.
Claims use since May 7, 1937.

Ser. No. 399,775. NIACET CHEMICALS CORPORATION, Niagara Falls, N. Y. Filed Nov. 15, 1937.

SODACET

For Sodium Acetate.
Claims use since May 21, 1937.

Ser. No. 399,781. SOY BEAN PROCESSING COMPANY, INC., Westfield, Waterloo, Iowa. Filed Nov. 15, 1937.

SOY-SHOO

The word "Soy" is disclaimed apart from the mark as shown.
For Soy Bean Insecticides.
Claims use since Oct. 26, 1937.

Ser. No. 399,966. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Nov. 20, 1937.

CALCISALIN

For Medicinal Preparation for Treatment of Cellular Acidosis, Chronic Toxemias and Complications, and to Neutralize Systematic Acid Wastes.
Claims use since Aug. 26, 1937.

Ser. No. 399,967. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Nov. 20, 1937.

CORTINORAL

For Potent Extract of the Adrenal Cortex Tissue for Oral Administration in Hypoadrenia and Similar States.
Claims use since Aug. 26, 1937.

Ser. No. 399,968. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Nov. 20, 1937.

HEMATOCRIN

For Substance Including a Water-Soluble Liver Fraction and Nucleinic Acid for Use in the Treatment of Anemia and Pernicious Anemia.
Claims use since Aug. 26, 1937.

Ser. No. 399,969. THE HARROWER LABORATORY, INC., Glendale, Calif. Filed Nov. 20, 1937.

Pediacrin

For Medicinal Compound in Tablet Form for the Treatment of Defective Children, Mongolism, and Epilepsy.
Claims use since Aug. 26, 1937.

Ser. No. 399,982. TOURNEUR BEAUTY PRODUCTS, INC., New York, N. Y. Filed Nov. 20, 1937.

fureur

For Perfumes.
Claims use since Nov. 13, 1937.

Ser. No. 400,024. BENJAMIN E. PAGE, doing business as Noella Products, Chicago, Ill. Filed Nov. 22, 1937.

Noella

For Cosmetic Cleansing Cream, Tissue Cream, and Powder.
Claims use since Nov. 10, 1937.

Ser. No. 400,065. CARLOS MONTIEL E., Caracas, Venezuela. Filed Nov. 23, 1937.

Sánalo

For Disinfectant.
Claims use since Nov. 2, 1933.

Ser. No. 400,099. GENERAL CHEMICAL COMPANY, New York, N. Y. Filed Nov. 24, 1937.

HI-CYAN

For Cyanides.
Claims use since Oct. 13, 1937.

Ser. No. 400,105. HOOD PHARMACAL CO., Washington, D. C. Filed Nov. 24, 1937.

HOOD'S AF FOR ATHLETES FOOT

No claim is made to the words "Hood's" or "For Athletes Foot" apart from the mark.
For Preparation for External Use in the Treatment of Athlete's Foot, Simple Ringworm, Non-Poisonous Insect Bites, and Minor Skin Abrasions and Irritations.
Claims use since Oct. 28, 1937.

Ser. No. 400,118. NATIONAL CO-OPERATIVES, INC., Indianapolis, Ind. Filed Nov. 24, 1937.

NATIONAL CO-OP COOPERATIVES

For Fly Spray.
Claims use since 1929.

Ser. No. 400,140. UNITED DRUG COMPANY, Boston, Mass. Filed Nov. 24, 1937.

EUDIPYRIN

For Pain Tablet.
Claims use since Oct. 23, 1937.

Ser. No. 400,174. SCHULTE HERBRÜGGEN & CO. G. M. B. H., Herdecke-Ruhr, Germany. Filed Nov. 26, 1937.

„Zirkulin"

For Medicinal Preparation Used in the Treatment of High Blood Pressure to Aid Digestion and as a General Tonic.
Claims use since 1931.

Ser. No. 400,207. CLARA L. SCHOENFELD, San Antonio, Tex. Filed Nov. 27, 1937.

OLD TRUSTY

For Salve or Ointment for Infections, Carbuncles, Cuts, and Sores To Be Applied Directly to the Affected Parts or To Be Spread on a Cloth and Used as a Plaster.
Claims use since Aug. 18, 1937.

Ser. No. 400,215. WINTHROP CHEMICAL COMPANY, INC., New York, N. Y. Filed Nov. 27, 1937.

ULERON

For Chemotherapeutic Agent for Streptococcic and Staphylococcic Infections.
Claims use since Nov. 16, 1937.

Ser. No. 400,267. ANDREW WILSON INC., Springfield, N. J. Filed Nov. 29, 1937.

ROTOFUME

For Liquid Agricultural Insecticides.
Claims use since Nov. 21, 1932.

Ser. No. 400,352. PHILADELPHIA CHEMICAL CO., INC., Philadelphia, Pa. Filed Dec. 1, 1937.

SPRA-KYL

The word "Spra" is disclaimed apart from the mark.
For Insecticides.
Claims use since Apr. 15, 1937.

Ser. No. 400,366. CORN PRODUCTS SALES COMPANY, New York, N. Y. Filed Dec. 2, 1937.

LINIT

For Starch for Laundry and Bathing Purposes and for Use in the Preparation of Facial Packs, and an All-Purpose Powder for the Skin.
Claims use since Feb. 21, 1922, on laundry starch; since Aug. 28, 1928, on starch for bathing purposes; since Aug. 17, 1937, on an all purpose powder for the skin; and since Aug. 25, 1937, on facial pack.

Ser. No. 400,385. HARRY J. NICHOLS, doing business as Mayfair Pharmacal Co., Dayton, Ohio. Filed Dec. 2, 1937.

Sporedyne

For Antiseptic Preparation for Tineal and Fungus Infections of the Skin.
Claims use since October, 1935.

Ser. No. 400,415. FRED E. HART, doing business as The Toothbrush Sanitiser Co., Los Angeles, Calif. Filed Dec. 3, 1937.

T S

For Toothbrush Sanitising Preparation.
Claims use since Nov. 9, 1937.

Ser. No. 400,511. THE KIMBALL-YOES CORPORATION, Houston, Tex. Filed Dec. 6, 1937.

SOOTEX

For Chemical Preparation for Eliminating Soot and Carbon Scale from Furnaces and Boilers, Preventing Stack Fires and the Like.
Claims use since Aug. 20, 1936.

Ser. No. 400,637. ELECTRO BALL COMPANY, INC., Dallas, Tex. Filed Dec. 9, 1937.

Sanit-Air

For Deodorants, Disinfectants, Antiseptics, and Germicides.
Claims use since Dec. 2, 1937.

Ser. No. 400,703. ROBERT S. SCURLOCK, doing business as F & S Remedy Company, Washington, D. C. Filed Dec. 10, 1937.

Pylasals

The drawing is lined for black.
For Preparation for the Treatment of Piles.
Claims use since Oct. 1, 1937.

Ser. No. 400,811. UNITED DRUG COMPANY, Boston, Mass. Filed Dec. 13, 1937.

EUDILLANA

For Syrup Codillana Compound.
Claims use since Nov. 24, 1937.

Ser. No. 400,855. THE SHEFFIELD COMPANY, New London, Conn. Filed Dec. 14, 1937.

TUT TUT

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid and Cream Rouges, Face Bleaches, Face Packs, Skin Whitener in Liquid, Cream and Solid Form, Eyebrow and Eyelash Grower, Eyebrow Pencils, Chemical Preparations Suitable for the Darkening of Eyebrows and Eyelashes, Hand Lotions, Skin Lotions, Aftershaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powders, Sachets, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Incense, Tooth Pastes, Nail Creams, Nail Bleaches, Nail Powders, Nail Polishes, Witch-Hazel, Peroxide, Petroleum Jellies, Witch-Hazel Salve, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.
Claims use since Nov. 3, 1937.

Ser. No. 400,856. E. R. SQUIBB & SONS, New York, N. Y. Filed Dec. 14, 1937.

THIALIXIR

For Vitaminic Preparations.
Claims use since Dec. 1, 1937.

CLASS 12

Construction Materials

Ser. No. 400,390. THE SPONGE RUBBER PRODUCTS COMPANY, Derby, Conn. Filed Dec. 2, 1937.

CELL-TITE

For Structural Material of Rubber Composition Used for Vibration Absorption, and for Heat and Sound Insulation, and in Jackets and Coverings for Conduits and Valves, and in Closure Sealing Gaskets and Door Bumpers.
Claims use since Nov. 10, 1937.

Ser. No. 400,558. I. F. LAUCKS, INC., Seattle, Wash. Filed Dec. 7, 1937.

ROTOPLY

For Plywood.
Claims use since Nov. 30, 1937.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 398,842. FISHER SCIENTIFIC COMPANY, Pittsburgh, Pa. Filed Oct. 23, 1937.

FLEXAFRAME

For Metal Pipe and Adjustable Aluminum Alloy Pipe Clamps for Holding Two or More Pipes at Different Angles, for Constructing Frames, Stands, Racks, and the Like.
Claims use since Oct. 16, 1937.

Ser. No. 396,322. NORTHERN EQUIPMENT COMPANY, Erie, Pa. Filed Nov. 4, 1937.

FLOWMATIC

For Boiler Feed Water Regulators.
Claims use since Oct. 15, 1937.

Ser. No. 399,931. KEYSTONE BRASS & RUBBER CO., Philadelphia, Pa. Filed Nov. 19, 1937.

SEAL MASTER

For Flush Valve Balls of Tanks of Toilet Bowls.
Claims use since Oct. 14, 1937.

CLASS 15

Oils and Greases

Ser. No. 396,068. THE FREEDOM OIL WORKS COMPANY, Freedom, Pa. Filed Aug. 6, 1937.

VULCAN

For Lubricating Oils and Greases.
Claims use since June 16, 1925.

Ser. No. 400,407. FLOYD COMMADORE FORESTER, doing business as Independent Oil Co. of N. C., North Wilkesboro, N. C. Filed Dec. 3, 1937.

FONSE

For Gasoline, Motor Oil, Lubricating Oils and Greases, Kerosene, and Naphtha.
Claims use since May 5, 1928.

CLASS 16

Paints and Painters' Materials

Ser. No. 394,366. ATLANTIC RESEARCH ASSOCIATES, INC., Newtonville, Mass. Filed June 22, 1937.

ARA

For Paints in Ready Mixed, Paste, and Powdered Form, Paint Pigments, and Casein Coating Materials.
Claims use since Sept. 1, 1935.

Ser. No. 394,367. ATLANTIC RESEARCH ASSOCIATES, INC., Newtonville, Mass. Filed June 22, 1937.

ARAPASTE

For Paints in Ready Mixed, Paste, and Powdered Form, and Casein Coating Materials.
Claims use since Mar. 1, 1937.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 399,352. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Nov. 5, 1937.



The drawing is lined for red.
For Automobile Seat Covers.
Claims use since May 1, 1937.

Ser. No. 400,198. ALBERT L. LUCE, doing business as Blue Bird Body Company, Fort Valley, Ga. Filed Nov. 27, 1937.



No claim is made to the words "Bodies Steel" apart from the mark.
For Steel Vehicle Bodies.
Claims use since July, 1935.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 399,216. ZENITH RADIO CORPORATION, Chicago, Ill. Filed Nov. 1, 1937.

RADIO NURSE

The word "Radio" is disclaimed apart from the mark.
For Radio Frequency and Audio Frequency Transmitting and Receiving Apparatus, and Parts Thereof.
Claims use since Oct. 29, 1937.

Ser. No. 399,884. ELECTRIC DISTRIBUTING CO., INC., Chicago, Ill. Filed Nov. 18, 1937.

OMNILITE

For Electric Flood-Lights, Shades, Globes, Lamps, Reflectors, and Other Electric Lighting Fixtures.
Claims use since Oct. 21, 1937.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 400,063. JOHN S. MAHLER, Chicago, Ill. Filed Nov. 23, 1937.

TUG-O-WAR

For Animal Play-Straps.
Claims use since Nov. 20, 1937.

Ser. No. 401,242. DONALD F. DUNCAN, INC., Chicago, Ill. Filed Dec. 27, 1937.

BO-LE-RO

For Wooden Toy Comprising a Handle, a Head Loosely Fitted Thereto, and a Flexible Connection Between the Head and Handle.
Claims use since Dec. 1, 1937.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 384,019. VICKERS, INCORPORATED, Detroit, Mich. Filed Oct. 5, 1936.

VICKERS

For Hydraulic Pumps, Hydraulic Power Transmissions, Hydraulic Machinery—Namely, Hoists and Accumulator Units; Controls for Hydraulically Operated Machinery, Such as Panels; Hydraulic and Electric-Hydraulic Valves, Manually, Mechanically, Solenoid, and Hydraulically Operated; Hydraulic Pressure and Flow Controls, and Fluid Operated Mechanisms—Namely, Pumps and Motors.
Claims use since July, 1936.

Ser. No. 396,838. SCRANTON TOBACCO COMPANY, INC., doing business as Stoco Blade Company, Scranton, Pa. Filed Aug. 27, 1937.

RITE-EDGE

The words "Rite-Edge" are disclaimed apart from the mark.
For Razor Blades.
Claims use since Apr. 30, 1936.

Ser. No. 397,015. AMERICAN SAFETY RAZOR CORPORATION, Brooklyn, N. Y. Filed Sept. 2, 1937.

GEM

For Razor Stropping Machines.
Claims use since 1911.

Ser. No. 397,928. COMET TOOLS, INC., New York, N. Y. Filed Sept. 29, 1937.

COMET

For Turning Tools for Metal Working and Turning Tool Holders Adapted for Use on Lathes.
Claims use since Aug. 15, 1936.

Ser. No. 398,260. ROAN MFG. CO., Racine, Wis. Filed Oct. 7, 1937.

ROAN

For Paint-Conditioning Appliances Being Mechanical Mixers for Reconditioning Paint by Shaking the Cans in Which it is Sealed.
Claims use since Jan. 1, 1937.

Ser. No. 398,732. THE MEDART COMPANY, St. Louis, Mo. Filed Oct. 20, 1937. Under 10-year proviso.

MEDART

For Power Transmission Equipment of all Kinds—Namely, Sheaves, Pulleys, Gears, Speed Reducers, Couplings, Clutches, Sprocket Wheels, Shaft Bearings, Shaft Hangers, Pillow Blocks, Machinery Shafting, Belt Tighteners, Belt Adjusters, Take-up Devices and Set Collars; also for Machines for Straightening Bars and Tubes, Machines for Polishing Bars and Tubes and Machines for Turning Bars and Tubes.
Claims use since 1879.

Ser. No. 399,236. FRANK HUBKA, doing business as Tug-O-Wheel Hand Plow Company, Schenectady, N. Y. Filed Nov. 2, 1937.

TUG-O-WHEEL

For Garden Implements—Namely, Hand Plows and Cultivators.
Claims use since January, 1924.

Ser. No. 399,429. LANDON P. SMITH, INC., Irvington, N. J. Filed Nov. 6, 1937.

"Red Devil"

For Mechanical Paint Mixers and Conditioners Which May Be Used for Shaking Sealed Cans of Paint, but Not Necessarily so.
Claims use since Sept. 30, 1937.

Ser. No. 399,472. PORTER STEEL SPECIALTIES, Shelbyville, Ind. Filed Nov. 8, 1937.

Low Boy

For Carpet Sweepers of the Brush Type.
Claims use since Apr. 23, 1936.

Ser. No. 399,944. UTICA CUTLERY COMPANY, Utica, N. Y. Filed Nov. 19, 1937.

KUTMASTER

For Pocket Knives, Hunting Knives, Slicer Knives, Butcher Knives, Cleavers, Boning Knives, Table Knives and Forks, and Pie Knives, all of Base Metal.
Claims use since Sept. 21, 1937.

Ser. No. 400,295. FARM TOOLS, INC., Mansfield, Ohio. Filed Nov. 30, 1937.

"DISKMOR"

For Disc Harrows.
Claims use since June 1, 1936.

Ser. No. 400,482. STOP MOTION DEVICES CORPORATION, Brooklyn, N. Y. Filed Dec. 4, 1937.

WESCO

For Knitting Machines and Stop Motion Mechanisms Therefor.
Claims use since Oct. 1, 1937.

Ser. No. 400,535. WALKER H. SPAYD, doing business as King Grader Sales Co., Van Wert, Ohio. Filed Dec. 6, 1937.

KING

For Hand and Power Graders for Potatoes, Onions, and Similar Vegetables, Cleaners for Potatoes, Onions, and Similar Vegetables, and Elevator Attachments for such Vegetable Graders and Cleaners.
Claims use since Dec. 8, 1932.

Ser. No. 400,574. TRIANGLE MECHANICAL LABORATORIES CORP., Brooklyn, N. Y. Filed Dec. 7, 1937.

Triangle

For Razor Blades.
Claims use since August, 1937.

Ser. No. 400,596. THE GLEASON WORKS, Rochester, N. Y. Filed Dec. 8, 1937.

ACRAFORM

For Gears.
Claims use since Dec. 3, 1937.

Ser. No. 400,658. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Dec. 9, 1937.

CHALLENGE

For Sewing Machines.
Claims use since Oct. 12, 1937.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 393,564. ULLSTEIN AKTIENGESELLSCHAFT, Berlin, Germany. Filed May 29, 1937.

father and son
far och son
far og søn

For Cartoons in Film Form To Be Projected Upon a Screen as Moving Pictures.
Claims use since December, 1934.

Ser. No. 398,812. COMPASS CAMERAS, LIMITED, London, England. Filed Oct. 22, 1937.

COMPASS

For Tripods of Ordinary Metal for Cameras.
Claims use since February, 1937.

Ser. No. 399,225. DEWEY AND ALMY CHEMICAL COMPANY, Cambridge, Mass. Filed Nov. 2, 1937.

DAREX

For Balloons, Particularly Balloons Used for Meteorological Purposes.
Claims use since June 25, 1936.

Ser. No. 399,918. S. F. BOWSER & COMPANY, INCORPORATED, Fort Wayne, Ind. Filed Nov. 12, 1937.

XACTOMOUNT

For Meters for Oils, Gasolines, and Other Liquids, Predetermined Stop Devices for Use with Liquid Meters to Control the Operation Thereof and Registers for Use with Liquid Meters to Indicate and/or Record the Operation Thereof.
Claims use since Aug. 10, 1937.

Ser. No. 400,182. AMERICAN OPTICAL COMPANY, Southbridge, Mass. Filed Nov. 27, 1937.

TRI-FLEX

For Ophthalmic Mountings and Parts Therefor.
Claims use since July, 1935.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 399,349. GEMEX COMPANY, Newark, N. J. Filed Nov. 5, 1937.

GEMLOK

For Jewelry—Namely, Bracelet Attachments Such as Buckles and/or Clasps.
Claims use since Oct. 22, 1937.

CLASS 30

Crockery, Earthenware, and Porcelain

Ser. No. 399,866. THE TAYLOR, SMITH & TAYLOR COMPANY, Chester, W. Va. Filed Nov. 17, 1937.

VISTOSA

For Ceramic Dinnerware.
Claims use since Oct. 4, 1937.

CLASS 32

Furniture and Upholstery

Ser. No. 397,922. LISA ALBERT, doing business as L. Albert Co., New York, N. Y. Filed Sept. 29, 1937.

SANI-SNAP

The word "Snap" is disclaimed apart from the mark.
For High Chair Pad.
Claims use since June 10, 1937.

Ser. No. 400,209. JOSEPH SCHWARTS, Brooklyn, N. Y. Filed Nov. 27, 1937.

Civic

The word "Brand" is disclaimed.
For Mattresses.
Claims use since Jan. 2, 1924.

Ser. No. 400,395. A. WEIGELL & SON, INC., Milwaukee, Wis. Filed Dec. 2, 1937.

Queen O'Sleep

For Box Springs, Mattresses, and Pillows.
Claims use since January, 1927.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 395,062. BRIGHTON COPPER WORKS, INCORPORATED, Cincinnati, Ohio. Filed July 10, 1937. Under 10-year proviso.

DECKEBACH

For Attemperator Coils, Hot Water Tanks, and Cooling Coils.
Claims use since 1886.

Ser. No. 398,096. COLE HOT BLAST MFG. COMPANY, Chicago, Ill. Filed Oct. 4, 1937.

COLES
COAL-OIL-WOOD

All words except "Coles" are disclaimed apart from the mark.
For Oil, Coal, Wood, and Gas Heating Stoves.
Claims use since June 1, 1915.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 397,728. SEA-RO PACKING COMPANY INCORPORATED, New York, N. Y. Filed Sept. 23, 1937.

SEA-RO

For Asbestos Metallic Gaskets, Asbestos Metallic Sheet Packing, Asbestos Metallic Tape Packing for Steam Joints, Asbestos Sheet Packing, Oil Sheet Packing, Fibrous Rubber Sheet Packing, and Fibrous Rubber Wire Insertion for Joints, Fibrous Oilproof Sheet Packing, Cloth-Insertion Packing, Rubber Valves, Asbestos Spyro Packing, Asbestos Metallic Packing, Cotton Spiral Packing, Cotton Rings Packing, Cotton Diagonal Packing, Asbestos Valve-Stem Packing, Braided-Flax Packing, Flax Hydraulic Packing, Channel Flax Packing, Duck Hydraulic Packing, Flax Metallic Hydraulic Packing, Rubber Packing Rings, Asbestos Wick Packing, Plunger Rings for Packing Pump Plungers, and Piston Packing.
Claims use since Nov. 15, 1927.

Ser. No. 398,722. THE GARLOCK PACKING COMPANY, Palmyra, N. Y. Filed Oct. 20, 1937. Under section 5b of the act of 1905 as amended in 1920.

GARLOCK

For Leather Packings, Cups, Washers, Gaskets, and Discs.
Claims use since August, 1936.

Ser. No. 399,371. THE PERFECT TAPE COUPLER COMPANY, LIMITED, Bradford, England. Filed Nov. 5, 1937.

"FLEXICON"

For Bands and Ropes of Cotton and Rubber for Driving Machinery.
Claims use since Jan. 4, 1937.

CLASS 37

Paper and Stationery

Ser. No. 391,681. BERKSON BROS., INC., Chicago, Ill. Filed Apr. 22, 1937.

RED ROBIN



For A to Z Index Guides, Art Gum Erasers, Loose Leaf Binders, Blotters, Bond Pads, Paper Book Covers, Bowl Pointed Pens, Brass Fasteners, Canvas Book Binders, Celluloid Rulers, Chalks, Clips, Colored Pencils, Colored Rubber Bands, Combination Pens, Composition Books, Construction Paper, Copying Pencils, Crayons, Cross Section Paper, Drawing Pencils, Drawing Tablets, Envelopes, Erasers, Paper Fasteners, Paper Fillers, Flexible Non-Measuring Rulers, Folders, Fountain Pens, Fountain Pen Points, Four Inch Leads, Graph Paper, Indexes, Index Cards, Index Tabs, Ink Tablets, Journal Paper, Jumbo Pads, Leads, Mechanical and Wood Cased Lead Pencils, Leaf Savers, Ledger Paper, Loose Leaf Books, Loose Leaf Fillers, Mechanical Drawing Paper, Mechanical Pencils, Blank Music Books, Blank Music Fillers, Note Books, Notebook Covers, Loose Leaf Work Organizers, Pads, Pens, Pen and Pencil Sets, Pen Points, Pencils, Pencil Boxes, Pencil Clips, Pencil Erasers, Pencil Leads, Pencil Pads, Pencil Sets, Pencil Tablets, Penholders, Penny Pencils, Price Book Fillers, Quadrille Fillers, Paper Reinforcements, Non-Measuring Rulers, Science Paper, Scrap Books, Scratch Pads, Shorthand Books, Spelling Tablets, Spiral Books, Steel Pens, Tablets, Tempera Colors, Theme Paper, Thin Leads, Three Hole Fillers, Three Ring Binders, Thumb Tacks, Tip Top Fasteners, Typewriter Erasers, Typewriter Paper, Unruled Cards, Visible Lead Pencils, Wax Crayons, White Chalk, Wire Clips, Yellow Pencil Tablets, and Yellow Second Sheets.
Claims use since Apr. 28, 1932.

Ser. No. 394,174. NORMAN HARROWER, doing business as Linton Brothers & Company, Fitchburg, Mass. Filed June 17, 1937.

Dura Index

The word "Index" is disclaimed apart from the mark.
For Tagboard, Cardboard, and Index Bristol for Record Cards and Index Cards.
Claims use since Feb. 1, 1937.

Ser. No. 395,055. STEINER SALES COMPANY, Chicago, Ill. Filed July 9, 1937.



The representation of the cabinet is disclaimed apart from the mark.
For Paper Towels.
Claims use since Apr. 4, 1936.

Ser. No. 399,591. THE ALBEMARLE PAPER MFG. COMPANY, Richmond, Va. Filed Nov. 11, 1937. Under section 5b of the act of 1905 as amended in 1920.

ALBEMARLE

For Kraft Paper.
Claims use since 1890.

Ser. No. 400,425. JAMES MCCREERY & COMPANY, New York, N. Y. Filed Dec. 3, 1937.

Femina

For Absorbent Face Cleaning Sheets or Facial Tissue Made of Paper.
Claims use since Oct. 7, 1937.

CLASS 38

Prints and Publications

Ser. No. 386,123. OIL TRADE JOURNAL, INC., doing business as Fueloil Journal, New York, N. Y. Filed Nov. 30, 1936.

OILHEATING & AIR-CONDITIONING
fueloil
JOURNAL

For Periodical.
Claims use since June, 1936.

Ser. No. 396,574. NATIONAL ASSOCIATION OF REAL ESTATE BOARDS, Chicago, Ill. Filed Aug. 19, 1937.

FREEHOLD

For Magazine.
Claims use since July 1, 1937.

Ser. No. 398,183. SOL VOGEL, New York, N. Y. Filed Oct. 5, 1937.

[redacted]

For Periodical Fashion Publication.
Claims use since Sept. 24, 1937.

Ser. No. 399,590. CONGREGATIONAL PUBLISHING SOCIETY, doing business as The Pilgrim Press, New York, N. Y., and Boston, Mass. Filed Nov. 11, 1937.

THE PILGRIM PRESS

For Printed Books, Pamphlets, Magazines, and Periodicals.
Claims use since 1875.

Ser. No. 399,930. KELLER TRAVEL CLUB, INCORPORATED, New York, N. Y. Filed Nov. 19, 1937.

WAITOVER

For Publication of Travel Information Issued from Time to Time.
Claims use since Nov. 8, 1937.

Ser. No. 400,643. THE HOME NEWS PUBLISHING COMPANY, New Brunswick, N. J. Filed Dec. 9, 1937.

THE DAILY HOME NEWS

For Newspaper.
Claims use since 1878.

Ser. No. 400,728. THE HOME NEWS PUBLISHING COMPANY, New Brunswick, N. J. Filed Dec. 11, 1937.

The Sunday Times

For Newspaper.
Claims use since May 21, 1916.

Ser. No. 400,772. ETHEL TRAPHAGEN LEIGH, doing business as The Traphagen Commercial Textile Studio, New York, N. Y. Filed Dec. 13, 1937.

BRAND-IES

For Artistic Drawings for Textile Designs.
Claims use since Nov. 15, 1937.

CLASS 39

Clothing

Ser. No. 372,317. EAGLE CLOTHES, New York, N. Y. Filed Dec. 6, 1935.

HILTMORE

For Men's Suits.
Claims use since Oct. 10, 1935.

Ser. No. 381,238. VENUS LINGERIE CO., INC., New York, N. Y. Filed July 20, 1936.

VENUSFORM SLIP
Featuring
KNO RIP SEAM
MADE OF
CREPE SUPREME
PURE-DYE
Pre-shrunk



PERFECTLY STYLED AND FITTED

Applicant disclaims all wording except "Venusform".
For Ladies' and Misses' Slips.
Claims use since January, 1926.

Ser. No. 392,206. HARRY HANNIN, Chicago, Ill. Filed May 3, 1937.

Breezers

For Distinct Type or Style of Athletic Trouser Used in a Game or Sport Commonly Called "Soft-Ball".
Claims use since Apr. 1, 1937.

Ser. No. 394,192. MANSBROOKE-RAINWEAR CORP., New York, N. Y. Filed June 17, 1937.

RAIN'PAREL

No claim is made to the word "Rain" apart from the mark.
For Rubberized and Gabardine Raincoats.
Claims use since Mar. 15, 1937.

Ser. No. 396,039. MANNE & WEILL, New York, N. Y. Filed Aug. 5, 1937.

"DAWNETTE"
Maidwell

The expression "Maidwell" is disclaimed except as shown. The drawing is lined for red.
For Ladies' and Children's Fabric Gloves.
Claims use since Jan. 1, 1937.

Ser. No. 397,284. BLOSSER-HEYNEMANN CO., San Francisco, Calif. Filed Sept. 10, 1937.

PERMA-SIZE

The word "Size" is disclaimed apart from the mark shown.
For Work Clothing—Namely, Work Pants, Overalls, and Shirts Manufactured from Pre-Shrunk Materials Providing Against Their Shrinking or Losing Their Proportions After They Have Been Fabricated.
Claims use since 1933.

Ser. No. 399,007. O'BRYAN BROTHERS, INCORPORATED, Nashville, Tenn. Filed Oct. 27, 1937.

Hip-Hug

For Trousers.
Claims use since Sept. 15, 1937.

Ser. No. 399,030. CELANESE CORPORATION OF AMERICA, New York, N. Y. Filed Oct. 28, 1937.

CELBREEZE

For Men's and Women's Underwear and Sport Shirts.
Claims use since Oct. 25, 1937.

Ser. No. 399,516. RUDLEY SPORTSWEAR, INC., New York, N. Y. Filed Nov. 9, 1937.

STEP-IN-SKIRT
ZIP-ITS-ON

The words "Step-In-Skirt" are disclaimed apart from the mark.
For Sport Skirts for Women, Misses, and Infants.
Claims use since Oct. 25, 1937.

Ser. No. 399,588. FRANBOSE DRESS, INC., New York, N. Y. Filed Nov. 10, 1937.

MODINIZED

For Women's, Misses', and Children's Dresses, Coats, and Wraps.
Claims use since Aug. 26, 1937.

Ser. No. 400,084. IRENE M. BURY, Los Angeles, Calif. Filed Nov. 24, 1937.

bodju



The portrait is that of applicant's niece, Jane Bury.
For Women's and Girls' Sport Suits and Play Suits of Knitted and Woven Fabrics.
Claims use since Sept. 25, 1937.

Ser. No. 400,113. LUSTBERG, NAST & CO., INC., New York, N. Y. Filed Nov. 24, 1937.

Buck Skin Joe

For Men's, Women's, and Children's Negligee and Sport Shirts, Sport Coats, and Jackets.
Claims use since November, 1935.

Ser. No. 400,126. PLOTTEL BROTHERS, New York, N. Y. Filed Nov. 24, 1937.



The drawing is lined for red.
For Waterproof, Processed, Rubberized, and Showerproof Raincoats for Men, Women, and Children, and Sport Coats for Men, Women, and Children, Also Sailing Suits, Fishing Shirts, and Golf Jackets.
Claims use since January, 1937.

Ser. No. 400,250. TRUBENIZING PROCESS CORPORATION, New York, N. Y. Filed Nov. 29, 1937.

Benifold

For Collars, Cuffs, and Shirts.
Claims use since Nov. 19, 1937.

Ser. No. 400,350. MCCURRACH ORGANIZATION INCORPORATED, New York, N. Y. Filed Dec. 1, 1937.

REPALURE

For Men's Neckties and Mufflers.
Claims use since Nov. 27, 1937.

Ser. No. 400,406. JOSEPH H. COHEN & SONS, VANITY CLOTHES, INC., New York, N. Y. Filed Dec. 3, 1937.

NON-WRINKOOL

For Men's Clothing—Namely, Overcoats, Topcoats, and Suits.
Claims use since Nov. 8, 1937.

Ser. No. 400,417. HAT CORPORATION OF AMERICA, Norwalk, Conn. Filed Dec. 3, 1937.

Resorter

For Hats for Women.
Claims use since December, 1932.

Ser. No. 400,420. LORD & TAYLOR, New York, N. Y. Filed Dec. 3, 1937.

A Younger Crowd Fashion

The word "Fashion" is disclaimed apart from the mark.
For Dresses, Suits, and Coats for Women, Misses, and Children.
Claims use since Oct. 18, 1937.

Ser. No. 400,421. LORD & TAYLOR, New York, N. Y. Filed Dec. 3, 1937.

THE 1216 SHOP

The word "Shop" is disclaimed apart from the mark.
For Dresses, Suits, and Coats for Women, Misses, and Children.
Claims use since Oct. 18, 1937.

Ser. No. 400,450. BARMON BROTHERS COMPANY INC., Buffalo, N. Y. Filed Dec. 4, 1937.

junior clique

For Frocks for Women, Misses, and Children.
Claims use since Nov. 26, 1937.

Ser. No. 400,493. BONWIT TELLER, INC., New York, N. Y. Filed Dec. 6, 1937.

"CUBITS"

For Women's and Misses' Shoes Made of Leather, Fabric, and Combinations Thereof.
Claims use since Nov. 3, 1937.

Ser. No. 400,611. O'CONNER & GOLDBERG, Chicago, Ill. Filed Dec. 8, 1937.

GADDIES

For Women's Shoes Made of Fabric and Leather and Combinations of Fabric and Leather.
Claims use since Dec. 4, 1937.

CLASS 40

Fancy Goods, Furnishings, and Notions

Ser. No. 400,727. THE GLEMBY COMPANY, INC., New York, N. Y. Filed Dec. 11, 1937.

COLONIAL

For Combs Not Made of Precious Metal.
Claims use since Nov. 3, 1937.

CLASS 43

Thread and Yarn

Ser. No. 397,542. LUDLOW MANUFACTURING & SALES CO., Boston, Mass. Filed Sept. 18, 1937.

COLONIAL

For Thread Made of Flax for Shoemakers' Use.
Claims use since June 12, 1935.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 400,781. ROSE MEAKIN, Boston, Mass. Filed Dec. 13, 1937.

Beautex

For Face Masks and Beauty Helmets.
Claims use since Oct. 1, 1937.

Ser. No. 400,795. RELIANCE DENTAL MANUFACTURING COMPANY, Chicago, Ill. Filed Dec. 13, 1937.

REPROLASTIC

For Dental Impression Material.
Claims use since Nov. 1, 1933.

Ser. No. 400,854. W. H. REED & COMPANY, Atlanta, Ga. Filed Dec. 14, 1937.



PAN

For Prophylactic Rubber Articles for the Prevention of Disease.
Claims use since January, 1932.

Ser. No. 400,864. BAKER & COMPANY, INC., Newark, N. J. Filed Dec. 15, 1937.

SPEEDROCK

For Dental Investment Composition.
Claims use since June 10, 1930.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 381,323. PACKARD MILLING COMPANY, Custer, Okla. Filed July 22, 1936.



The portrait is fanciful.
For Wheat Flour for Making Bread.
Claims use since Mar. 1, 1933.

Ser. No. 386,017. ED'S BAKING CO., INC., Jamestown, N. Y. Filed Nov. 27, 1936.

Ed's

For White Bread, Whole Wheat Bread, Cracked Wheat Bread, Rye Bread, Salt Rising Bread, Laxative Health Bread, Vienna Bread, Rolls, Buns, Biscuits, Cookies, and Swedish Bread.
Claims use since Feb. 10, 1934.

Ser. No. 386,018. ED'S BAKING CO., INC., Jamestown, N. Y. Filed Nov. 27, 1936.

Ed's Bread

The word "Bread" is disclaimed apart from the mark.
For White Bread, Whole Wheat Bread, Cracked Wheat Bread, Rye Bread, Salt Rising Bread, Laxative Health Bread, Vienna Bread, Rolls, Buns, Biscuits, Cookies, and Swedish Bread.
Claims use since Feb. 10, 1934.

Ser. No. 394,837. GREENWICH PRESERVING CO. INC., New York, N. Y. Filed July 3, 1937.



Trade-mark comprises a representation of a basket with a protuberance from the upper edge of the basket in the form of a jar. The representation of the jar is disclaimed apart from the mark. The drawing is lined for yellow and red. The representation of a jar in the latter view forms no part of the trade-mark.
For Jellies.
Claims use since May 6, 1937.

Ser. No. 395,620. INTERCONTINENTAL MEAT CORPORATION, New York, N. Y. Filed July 24, 1937.



The word "Europa" apart from the manner of display and arrangement shown is disclaimed.
For Canned Hams and Picnics.
Claims use since Jan. 30, 1937.

Ser. No. 397,565. A/S TRONDHJEM CANNING AND EXPORT CO., Trondheim, Norway. Filed Sept. 20, 1937.



The representation of the label and all wording except "The Ancient Mariner" and "Bjugn Fabrikker, Ltd." are disclaimed apart from the mark.
For Canned Fish.
Claims use since January, 1930.

Ser. No. 397,979. STERLING V. MEAD, doing business as Sunnymead Gardens, Auburndale, Fla. Filed Sept. 30, 1937.

FRUITS OF THE SUN

No claim is made to the word "Fruits" apart from the mark.
For Fresh Citrus Fruits and Tropical or Semi-Tropical Fruits—Namely, Oranges, Tangerines, Tangeloes, Grapefruit, Limes, and Avocados, and Preserves and Jellies Made from Such Fruits—Namely, Orange Preserves, Orange Marmalade, Orange Jam, Orange Jelly, Grapefruit Marmalade, Grapefruit Jelly, and Lime Jelly.
Claims use since Sept. 5, 1937.

Ser. No. 398,128. RIVERBANK CANNING COMPANY, Riverbank, Calif. Filed Oct. 4, 1937.

DIANA

Applicant is the owner of trade-mark registration 156,946, dated July 18, 1922.
For Prepared Food Products—Namely, Canned Fruits, Canned Vegetables, Canned Tomato Paste, Canned Olives, Dried Fruits, Grape Syrup for Food Purposes.
Claims use since 1918.

Ser. No. 398,774. H. F. KEMP, INC., Somerville, Mass. Filed Oct. 21, 1937.

Crocus Blossoms

For Chocolate Covered Candies.
Claims use since Sept. 7, 1937.

Ser. No. 399,227. GEM FOOD CORPORATION, Newark, N. J. Filed Nov. 4, 1937.

RAM

For Canned Vegetables and Fruits, Tea, Coffee, Salad Oil, Fruit Preserves, Mustard.
Claims use since Oct. 16, 1936.

Ser. No. 399,477. H. J. SCHUETTE, doing business as M. A. Newmark Co., Los Angeles, Calif. Filed Nov. 8, 1937.

NATURE'S FINER FLAVER

No claim is made to the words "Finer Flaver" apart from the mark.
For Canned Salmon, Potato Chips, Wheat Puffs, Coffee, Chocolate, Marshmallows, Walnuts in Their Natural State, Corn Flakes, Ginger Snap Cookies, Vegetable Shortening, Seedless Raisins, Pretzels, Pancake and Waffle Flour, Egg Noodles, Bread, Soda Crackers, Popcorn in Its Natural State, Rice Flour, Dill Pickles, Salt, Olives, Pimiento Cheese, Salad Dressing, Tomato Catsup, Prepared Mustard, Dried Beans, Olive Oil, Honey, Vinegar, Grape Jam, Pancake Syrup, Eggs, and Fruit Juices for Food Purposes—Namely, Orange Juice, Tomato Juice, and Pineapple Juice.
Claims use since Oct. 23, 1937.

Ser. No. 399,623. ROCHESTER CANNING COMPANY, Rochester, Ind. Filed Nov. 11, 1937.

MEAL—TIME

For Canned Vegetables.
Claims use since June 1, 1923.

Ser. No. 399,656. THE GLIDDEN COMPANY, Cleveland, Ohio. Filed Nov. 12, 1937.



All Wording is disclaimed apart from the mark except "Glidden" and "4Hi".

For Feed for Cattle, Sheep, Hogs, Poultry, and Dogs or Other Farm and Domestic and Carnivorous Animals or Circus and Zoo Animals and the like.

Claims use since Oct. 15, 1937.

Ser. No. 400,133. STUART, SON & COMPANY, INC., Baltimore, Md. Filed Nov. 24, 1937.

RI-KO-MO

For Blended Corn Syrup and Molasses.

Claims use since Nov. 4, 1937.

Ser. No. 400,154. CREAM OF RICE COMPANY, New York, N. Y. Filed Nov. 26, 1937.

Cream of Rice

Applicant is the owner of trade-mark registration No. 115,311. No claim is made to the word "Rice" apart from the mark.

For Breakfast Cereal.

Claims use since October, 1914.

Ser. No. 400,263. UNITED STATES PRODUCTS CORPORATION, LTD., San Jose, Calif. Filed Nov. 29, 1937.

APPLE FLIP

The word "Apple" is disclaimed apart from the mark.

For Fruit Juice for Food Purposes.

Claims use since Nov. 8, 1937.

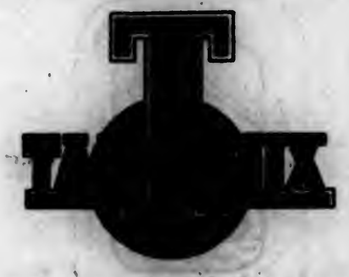
Ser. No. 400,264. UNITED STATES PRODUCTS CORPORATION, LTD., San Jose, Calif. Filed Nov. 29, 1937.



For Canned Fruits and Vegetables.

Claims use since Nov. 8, 1937.

Ser. No. 400,290. CALIFAR CANNERIES CO., San Francisco, Calif. Filed Nov. 30, 1937.



No claim is made to the wording apart from the mark.

For Canned Fruits, Canned Fruit Cocktail, Canned Vegetables.

Claims use since Nov. 15, 1937.

Ser. No. 400,297. FRAZAR & COMPANY, New York, N. Y. Filed Nov. 30, 1937.

TOP-TEST

For Canned Fruits.

Claims use since Nov. 24, 1937.

Ser. No. 400,433. PABST-ETT CORPORATION, Chicago, Ill. Filed Dec. 2, 1937.

MUNST-ETT

For Cheese.

Claims use since Mar. 15, 1937.

Ser. No. 400,613. JOSEPH ROSENBLUM, doing business as The Rosenblum Company, New York, N. Y. Filed Dec. 8, 1937.

'ALMA'



For Cheese.

Claims use since June 1, 1936.

Ser. No. 400,717. ALBERT MILLER & CO., Chicago, Ill. Filed Dec. 11, 1937.

BAG O' BANQUETS

For Potatoes.

Claims use since Nov. 17, 1937.

Ser. No. 400,784. MITCHEL BECK COMPANY, New York, N. Y. Filed Dec. 13, 1937.

PRIDE OF BRAZIL

The word "Brazil" is disclaimed apart from the mark.

For Shelled and Unshelled Nuts.

Claims use since Sept. 9, 1937.

Ser. No. 400,990. NATURAL SUGARS, INC., New York, N. Y. Filed Dec. 17, 1937.



For Pancake Syrup, Molasses, and Fruit Syrups for Food Purposes.

Claims use since Dec. 15, 1937.

Ser. No. 401,011. AMERICAN POP CORN COMPANY, Sioux City, Iowa. Filed Dec. 18, 1937.

HAPPY TIME

For Raw Pop Corn.

Claims use since Dec. 15, 1937.

Ser. No. 401,012. AMERICAN POP CORN COMPANY, Sioux City, Iowa. Filed Dec. 18, 1937.

HOLLY TIME

For Raw Pop Corn.

Claims use since Dec. 15, 1937.

Ser. No. 401,051. EMPIRE STATE PICKLING CO., Phelps, N. Y. Filed Dec. 20, 1937.

KRAUMATO

For Mixture of Tomato Juice and Sauerkraut Juice for Food Purposes.

Claims use since Sept. 1, 1937.

Ser. No. 401,070. O'BRYAN & JOHNSON, Redlands, Calif. Filed Dec. 20, 1937.

BUCKAROO

For Fresh Citrus Fruit.

Claims use since Dec. 10, 1937.

Ser. No. 401,162. O'BRYAN & JOHNSON, Redlands, Calif. Filed Dec. 22, 1937.

STEADY

For Fresh Citrus Fruits.

Claims use since Dec. 20, 1937.

CLASS 47

Wines

Ser. No. 387,091. S & K WINERY, Los Angeles, Calif. Filed Dec. 23, 1936.

S & K BRAND

No claim is made to the word "Brand" apart from the mark.

For California Muscatel Wine, California Port Wine, White Port Wine, Angelica Wine, Tokay, and Sherry Wine.

Claims use since Sept. 7, 1936.

Ser. No. 398,193. MAISON DE VENOGE, SOCIÉTÉ ANONYME, Epernay, France. Filed Oct. 6, 1937.

CHAMPAGNE



DE VENOGE & Cie

M. DE MUN

EPERNAY

All notations except "M. de Mun" are disclaimed apart from the mark.

For Champagne Wines.

Claims use since November, 1914.

Ser. No. 399,656. THE GLIDDEN COMPANY, Cleveland, Ohio. Filed Nov. 12, 1937.



All Wording is disclaimed apart from the mark except "Glidden" and "4Hi".

For Feed for Cattle, Sheep, Hogs, Poultry, and Dogs or Other Farm and Domestic and Carnivorous Animals or Circus and Zoo Animals and the like.

Claims use since Oct. 15, 1937.

Ser. No. 400,133. STUART, SON & COMPANY, INC., Baltimore, Md. Filed Nov. 24, 1937.

RI-KO-MO

For Blended Corn Syrup and Molasses.

Claims use since Nov. 4, 1937.

Ser. No. 400,154. CREAM OF RICE COMPANY, New York, N. Y. Filed Nov. 26, 1937.

Cream of Rice

Applicant is the owner of trade-mark registration No. 115,311. No claim is made to the word "Rice" apart from the mark.

For Breakfast Cereal.

Claims use since October, 1914.

Ser. No. 400,263. UNITED STATES PRODUCTS CORPORATION, LTD., San Jose, Calif. Filed Nov. 29, 1937.

APPLE FLIP

The word "Apple" is disclaimed apart from the mark.

For Fruit Juice for Food Purposes.

Claims use since Nov. 8, 1937.

Ser. No. 400,264. UNITED STATES PRODUCTS CORPORATION, LTD., San Jose, Calif. Filed Nov. 29, 1937.



For Canned Fruits and Vegetables.

Claims use since Nov. 8, 1937.

Ser. No. 400,290. CALBEAR CANNERIES CO., San Francisco, Calif. Filed Nov. 30, 1937.



No claim is made to the wording apart from the mark.

For Canned Fruits, Canned Fruit Cocktail, Canned Vegetables.

Claims use since Nov. 15, 1937.

Ser. No. 400,297. FRAZAR & COMPANY, New York, N. Y. Filed Nov. 30, 1937.

TOP-TEST

For Canned Fruits.

Claims use since Nov. 24, 1937.

Ser. No. 400,433. PABST-ETT CORPORATION, Chicago, Ill. Filed Dec. 3, 1937.

MUNST-ETT

For Cheese.

Claims use since Mar. 15, 1937.

Ser. No. 400,613. JOSEPH ROSENBLUM, doing business as The Rosenblum Company, New York, N. Y. Filed Dec. 8, 1937.

'ALMA'



For Cheese.

Claims use since June 1, 1936.

Ser. No. 400,717. ALBERT MILLER & Co., Chicago, Ill. Filed Dec. 11, 1937.

BAG O' BANQUETS

For Potatoes.

Claims use since Nov. 17, 1937.

Ser. No. 400,784. MITCHEL BECK COMPANY, New York, N. Y. Filed Dec. 13, 1937.

PRIDE OF BRAZIL

The word "Brazil" is disclaimed apart from the mark.

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Claims use since Sept. 9, 1937.

Ser. No. 400,990. NATURAL SUGARS, INC., New York, N. Y. Filed Dec. 17, 1937.



For Pancake Syrup, Molasses, and Fruit Syrups for Food Purposes.

Claims use since Dec. 15, 1937.

Ser. No. 401,011. AMERICAN POP CORN COMPANY, Sioux City, Iowa. Filed Dec. 18, 1937.

HAPPY TIME

For Raw Pop Corn.

Claims use since Dec. 15, 1937.

Ser. No. 401,012. AMERICAN POP CORN COMPANY, Sioux City, Iowa. Filed Dec. 18, 1937.

HOLLY TIME

For Raw Pop Corn.

Claims use since Dec. 15, 1937.

Ser. No. 401,051. EMPIRE STATE PICKLING CO., Phelps, N. Y. Filed Dec. 20, 1937.

KRAUMATO

For Mixture of Tomato Juice and Sauerkraut Juice for Food Purposes.

Claims use since Sept. 1, 1937.

Ser. No. 401,070. O'BRYAN & JOHNSON, Redlands, Calif. Filed Dec. 20, 1937.

BUCKAROO

For Fresh Citrus Fruit.

Claims use since Dec. 10, 1937.

Ser. No. 401,162. O'BRYAN & JOHNSON, Redlands, Calif. Filed Dec. 22, 1937.

STEADY

For Fresh Citrus Fruits.

Claims use since Dec. 16, 1937.

CLASS 47

Wines

Ser. No. 387,091. S & K WINERY, Los Angeles, Calif. Filed Dec. 23, 1936.

S & K BRAND

No claim is made to the word "Brand" apart from the mark.

For California Muscatel Wine, California Port Wine, White Port Wine, Angelica Wine, Tokay, and Sherry Wine.

Claims use since Sept. 7, 1936.

Ser. No. 398,193. MAISON DE VENOGE, SOCIÉTÉ ANONYME, Epernay, France. Filed Oct. 6, 1937.

CHAMPAGNE



DE VENOGE & Cie

M. DE MUN

EPERNAY

All notations except "M. de Mun" are disclaimed apart from the mark.

For Champagne Wines.

Claims use since November, 1914.

Ser. No. 399,426. QUALITY BRANDS, INC., San Francisco, Calif. Filed Nov. 6, 1937.

GRAPE GOLD

The word "Grape" is disclaimed apart from the mark.
For Wines.
Claims use since Aug. 23, 1937.

Ser. No. 400,059. G. FAVA FRUIT COMPANY, INC., Baltimore, Md. Filed Nov. 23, 1937.

Valley ROAD

For Wines.
Claims use since Nov. 1, 1937.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 400,753. COLLEGE INN FOOD PRODUCTS COMPANY, Chicago, Ill. Filed Dec. 13, 1937.

Scottish Plume

The word "Scottish" is disclaimed apart from the mark.
For Scotch Whiskey.
Claims use since Nov. 4, 1937.

Ser. No. 400,754. COLLEGE INN FOOD PRODUCTS COMPANY, Chicago, Ill. Filed Dec. 13, 1937.

Scottish Seal

The word "Scottish" is disclaimed apart from the mark.
For Scotch Whiskey.
Claims use since Nov. 4, 1937.

Ser. No. 400,994. OWINGS MILLS DISTILLERY, INC., Owings Mills, Md. Filed Dec. 17, 1937.

Red MooN

For Whiskey.
Claims use since Oct. 22, 1937.

Ser. No. 400,995. OWINGS MILLS DISTILLERY, INC., Owings Mills, Md. Filed Dec. 17, 1937.

SOUTHERN XXXXX

For Whiskey.
Claims use since Oct. 22, 1937.

Ser. No. 401,044. JAS. BARCLAY & CO. LIMITED, Peoria, Ill. Filed Dec. 20, 1937.

Cream of Canada

No claim is made to the word "Canada" apart from the mark.
For Whiskey.
Claims use since Nov. 29, 1937.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 387,435. CRIBBEN & SEXTON COMPANY, Chicago, Ill. Filed Jan. 4, 1937.



For Printers' Mats, Electrotypes, Stereotypes, and Photo Engravings.
Claims use since July 15, 1936.

Ser. No. 399,014. SAYLES FINISHING PLANTS, INC., Saylesville, R. I. Filed Oct. 27, 1937.

RESISTOL FINISH

The word "Finish" is disclaimed apart from the mark.
For Cotton Piece Goods Treated to Resist Abrasives.
Claims use since Oct. 11, 1937.

Ser. No. 399,227. GILLETTE SAFETY RAZOR COMPANY, Boston, Mass. Filed Nov. 2, 1937.

TRAVKIT

For Toilet Kits Fitted with Shaving Lotion, Shaving Cream, Razor, Razor Blades, and Talcum Powder.
Claims use since Oct. 28, 1937.

Ser. No. 399,743. ANCO CORPORATION, Pittsburgh, Pa. Filed Nov. 15, 1937.

KILL 'EM

For Fly Paper and Strips for Catching Flies.
Claims use since May 1, 1936.

Ser. No. 399,975. MOISTURE PROOF FABRICS, INC., New York, N. Y. Filed Nov. 20, 1937.

Aqua-Sheer

The word "Sheer" is disclaimed apart from the mark.
For Waterproof Fabrics.
Claims use since Oct. 17, 1936.

Ser. No. 400,731. KASTAR SPECIALTY MFG. CO., INC., New York, N. Y. Filed Dec. 11, 1937.

Glint

For Synthetic Cellulose Chamois Substitute to be Used in Place of Chamois Skin.
Claims use since Dec. 1, 1937.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

FEBRUARY 8, 1938

354,182. GASOLINE. Wm. C. McDuffie, as receiver of Richfield Oil Company of California, Los Angeles, Calif.
Filed January 17, 1933. Serial No. 334,017. PUBLISHED NOVEMBER 23, 1937. Class 15.

354,183. BRUSHES FOR APPLYING PREPARATIONS TO CURVED SURFACES SUCH AS THE HEAD. Lawrence Richard Bruce, Inc., New York, N. Y., assignor to Clairol, Inc., New York, N. Y., a corporation of New York.
Filed February 23, 1935. Serial No. 361,720. PUBLISHED NOVEMBER 30, 1937. Class 29.

354,184. WAX BEARING WAXING PADS. The Pad-Y-Wax Company, Inc., New York, N. Y.
Filed March 30, 1935. Serial No. 363,229. PUBLISHED NOVEMBER 9, 1937. Class 4.

354,185. BAKING POWDER, COCOA, EVAPORATED MILK, FOOD MALT EXTRACT, TAPIOCA, HONEY, FOOD FLAVORING EXTRACTS, SALAD DRESSINGS, SANDWICH SPREADS, CHEESE, RYE AND WHEAT FLOUR, MINCE MEAT, BUTTER, MUSTARD, AND PICKLES. L. Klein, Inc., Chicago, Ill.
Filed January 4, 1936. Serial No. 373,475. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,186. PORTLAND CEMENT AND OTHER BUILDING CEMENTS. Marquette Cement Manufacturing Co., Chicago, Ill.
Filed March 9, 1936. Serial No. 375,765. PUBLISHED NOVEMBER 23, 1937. Class 12.

354,187. MOUTH HARMONICAS, HARMONICA BODIES, HARMONICA REEDS, HARMONICA CASINGS, HARMONICA MOUTH PIECES, HARMONICA REED PLATES, HARMONICA TONE MODIFIERS, AND TONE CONTROL DEVICES, AND HARMONICA PARTS. Harmonica Distribution Corporation of America, New York, N. Y.
Filed May 20, 1936. Serial No. 378,654. PUBLISHED NOVEMBER 30, 1937. Class 36.

354,188. MEN'S AND BOYS' CLOTHING—NAMELY, SUITS, OVERCOATS, TOPCOATS, HATS, AND SHOES OF LEATHER. Rogers Peet Company, New York, N. Y.
Filed June 18, 1936. Serial No. 379,903. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,189. BEER. Capitol Brewery, Inc., Jefferson City, Mo.
Filed August 6, 1936. Serial No. 381,864. PUBLISHED OCTOBER 13, 1936. Class 48.

354,190. COVER PAPER. Hammermill Paper Company, Erie, Pa.
Filed September 17, 1936. Serial No. 383,356. PUBLISHED NOVEMBER 23, 1937. Class 37.

354,191. SHOES OF LEATHER AND COMBINATIONS OF LEATHER, FABRIC, AND RUBBER. Allen Edmonds Shoe Corporation, Belgium, Wis.
Filed September 18, 1936. Serial No. 383,379. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,192. HAND OPERATED TOOLS—NAMELY, AXES, LETTUCE CUTTERS, THISTLE, DOCK, AND WEED CUTTERS, D-HANDLES FOR TOOLS, MANURE DRAGS, ETC. The Union Fork & Hoe Company, Columbus, Ohio.
Filed September 21, 1936. Serial No. 383,496. PUBLISHED NOVEMBER 30, 1937. Class 23.

354,193. LAUNDRY SOAP, SOAP CHIPS, AND SOAP GRANULES, AND A WASHING SOLUTION HAVING INCIDENTAL PROPERTIES AS A GERMICIDE AND DISINFECTANT. National Retailer-Owned Grocers, Inc., Chicago, Ill.
Filed December 11, 1936. Serial No. 386,654. PUBLISHED OCTOBER 26, 1937. Class 4.

354,194. CONCENTRATED CLEANING POWDER FOR GENERAL CLEANING PURPOSES. William Borak, doing business as Pet Products Co., New York, N. Y.
Filed December 17, 1936. Serial No. 386,845. PUBLISHED NOVEMBER 30, 1937. Class 4.

354,195. PAPER AND PARCHMENTIZED PAPER LAMP SHADES FOR HOUSEHOLD USE. Idealite, Inc., New York, N. Y.
Filed December 17, 1936. Serial No. 386,861. PUBLISHED NOVEMBER 30, 1937. Class 34.

354,196. CLEANING COMPOUNDS FOR INDUSTRIAL METAL CLEANING. Turco Products, Inc., Los Angeles, Calif.
Filed January 2, 1937. Serial No. 387,408. PUBLISHED JUNE 1, 1937. Class 4.

354,197. SHOE CLEANING AND SHOE POLISHING MATERIALS. The Nu-Di Products Company, Cleveland, Ohio.
Filed January 23, 1937. Serial No. 388,105. PUBLISHED MAY 11, 1937. Class 4.

354,198. COMPLETE OIL RE-REFINERIES SOLD AS A SINGLE UNIT, AND REPLACEMENT PARTS THEREFOR, MINING APPARATUS AND EQUIPMENT—NAMELY, EXCAVATORS, CONVEYORS, ETC. Fred P. Glick, doing business as Fabriform Steel Products Co., Bell, Calif.
Filed February 2, 1937. Serial No. 388,443. PUBLISHED NOVEMBER 30, 1937. Class 23.

354,199. PERIODICAL PUBLICATION. Trojan Publishing Corporation, New York, N. Y., assignor to Lone Ranger, Inc., Detroit, Mich., a corporation of Michigan.
Filed February 4, 1937. Serial No. 388,554. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,200. WOMEN'S AND CHILDREN'S RAINCOATS, RAINCAPES, AND HATS. Spats Bros., Inc., New York, N. Y.
Filed February 25, 1937. Serial No. 389,388. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,201. FRESH, CANNED, DRIED MEATS—NAMELY, BEEF, PORK, AND LAMB; FRESH, CANNED, DRIED FISHES, ETC. Schokoladenfabrik Maux-ion m. b. H., Saalfeld, Germany.
Filed February 27, 1937. Serial No. 389,480. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,202. FIREARMS, EXPLOSIVES, IGNITION PRODUCTS, FIREWORKS, PROJECTILES, AMMUNITION, PARTS OF MUNITIONS, FIRING CAPS, ETC. Deutsche Waffen- und Munitionsfabriken, Aktiengesellschaft, Karlsruhe, Germany.
Filed March 11, 1937. Serial No. 389,906. PUBLISHED NOVEMBER 30, 1937. Class 9.

354,203. ABRASIVE CLOTH AND ABRASIVE PAPER. Minnesota Mining & Manufacturing Company, St. Paul, Minn.
Filed March 17, 1937. Serial No. 390,176. PUBLISHED NOVEMBER 9, 1937. Class 4.

354,204. FABRICATED SHEETS, INCLUDING A FELTED BAT OF MINERAL FIBRES ADAPTED FOR STRUCTURAL HEAT INSULATION PURPOSES. Johns-Manville Corporation, New York, N. Y.
Filed March 19, 1937. Serial No. 390,275. PUBLISHED NOVEMBER 30, 1937. Class 12.

354,205. CASTABLE REFRACTORY MATERIAL. Plibrico Jointless Firebrick Company, Chicago, Ill.
Filed March 22, 1937. Serial No. 390,380. PUBLISHED NOVEMBER 23, 1937. Class 12.

354,206. WHISKEY. James Distillery, Incorporated, Baltimore, Md.
Filed March 24, 1937. Serial No. 390,454. PUBLISHED JUNE 22, 1937. Class 49.

354,207. COFFEE. John A. Vassilaros, New York, N. Y.
Filed March 31, 1937. Serial No. 390,759. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,208. OIL FIELD EQUIPMENT, INCLUDING BAILERS, BREAK-OUT BLOCKS, BLOW-OUT PREVENTERS, CORE BARRELS, CORE BITS, ETC. American Iron & Machine Works Company, Oklahoma City, Okla.
Filed April 3, 1937. Serial No. 390,890. PUBLISHED NOVEMBER 30, 1937. Class 23.

354,209. FLOWER SEEDS—NAMELY, SWEET PEA AND FLOWER GARDEN MIXTURE. Germain Seed and Plant Company, Los Angeles, Calif.
Filed April 2, 1937. Serial No. 390,908. PUBLISHED NOVEMBER 23, 1937. Class 1.

354,210. CORSETS. Franco Corset Company, New York, N. Y.
Filed April 15, 1937. Serial No. 391,382. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,211. SCRIPTS FOR A SERIES OF COMMERCIAL RADIO BROADCASTS. Wm. Mundo Spier and Ad Carter, New York, N. Y.
Filed April 17, 1937. Serial No. 391,494. PUBLISHED NOVEMBER 30, 1937. Class 38.

354,212. HEAT CONTROL UNITS FOR HEATING SYSTEMS, INCLUDING THERMOSTATS, THERMOSTATICALLY OPERATED REGULATOR VALVES, BOILER THERMOSTATS, BOILER PRESSURE GAUGES. H. A. Trerube & Company, Peru, Ind.
Filed April 22, 1937. Serial No. 391,716. PUBLISHED NOVEMBER 30, 1937. Class 26.

354,213. ARCHITECTURAL PANELS PRODUCED BY LITHOGRAPHIC PROCESS OF PHOTOGRAPHIC TRANSFER SO AS TO SIMULATE WOOD, MARBLE, AND LIKE SURFACES. Automatic Musical Instrument Company, Grand Rapids, Mich., now, by change of name, Automatic Instrument Company.
Filed April 26, 1937. Serial No. 391,844. PUBLISHED NOVEMBER 23, 1937. Class 12.

354,214. ALLOYS OF PRECIOUS, SEMI-PRECIOUS, OR RARE METALS, CONTAINING SOME OR ALL OF THE ELEMENTS, GOLD, SILVER, PLATINUM, PALLADIUM, RUTHENIUM, AND THE LIKE. Fansteel Metallurgical Corporation, North Chicago, Ill.
Filed April 26, 1937. Serial No. 391,859. PUBLISHED NOVEMBER 30, 1937. Class 14.

354,215. DIATOMACEOUS SILICA. Harry W. Kaylor, Hagerstown, Md.
Filed April 27, 1937. Serial No. 391,916. PUBLISHED NOVEMBER 23, 1937. Class 1.

354,216. LADIES' DRESSES, EVENING GOWNS, HATS, AND BONNETS. Hollywood Prevue Ltd., New York, N. Y.
Filed April 28, 1937. Serial No. 391,957. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,217. STAMPED GOODS FOR ART NEEDLEWORK. Preston Trading Company, Pasadena, Calif.
Filed April 28, 1937. Serial No. 391,972. PUBLISHED NOVEMBER 23, 1937. Class 40.

354,218. WINES. Gambarelli & Davitto, New York, N. Y.
Filed May 7, 1937. Serial No. 392,423. PUBLISHED NOVEMBER 30, 1937. Class 47.

354,219. SUSPENSORIES, MEN'S SUPPORTERS, ARCH SUPPORTS, ELASTIC HOSIERY, SHOULDER BRACES, ABDOMINAL BELTS, SURGICAL BELTS, AND TRUSSES. The Ohio Truss Company, Cincinnati, Ohio.
Filed May 8, 1937. Serial No. 392,501. PUBLISHED NOVEMBER 30, 1937. Class 44.

354,220. CUTTING OILS. E. F. Houghton & Co., Philadelphia, Pa.
Filed May 12, 1937. Serial No. 392,641. PUBLISHED NOVEMBER 30, 1937. Class 15.

354,221. HATS—NAMELY, MEN'S AND BOYS' HATS OF FELT, STRAW, AND STRAW BRAID, CLOTH CAPS, MEN'S SILK HATS, AND FELT AND STRAW HATS FOR WOMEN AND CHILDREN. John B. Stetson Company, Philadelphia, Pa.
Filed May 13, 1937. Serial No. 392,719. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,222. DRUMS AND CANS MADE IN WHOLE OR IN PART OF SHEET METAL USED FOR PACKING AND STORING PAINTS, OILS, GREASES, TALCUM POWDER, DYNAMITE, AND OTHER PRODUCTS. Owens-Illinois Can Company, Toledo, Ohio.
Filed May 12, 1937. Serial No. 392,727. PUBLISHED NOVEMBER 30, 1937. Class 2.

354,223. MACKINAWS. Lakeland Manufacturing Company, Sheboygan, Wis.
Filed May 18, 1937. Serial No. 392,930. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,224. DYED CONEY COATS, CAPES, AND JACKETS. The Fur Mart of America, Inc., New York, N. Y.
Filed May 20, 1937. Serial No. 393,032. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,225. COMBS MADE OF HARD RUBBER. New York Hamburger Gummi-Waaren Compagnie, Hamburg, Germany.
Filed May 24, 1937. Serial No. 393,182. PUBLISHED NOVEMBER 23, 1937. Class 40.

354,226. TOILET SOAPS. Societá Di Prodotti Chimico-Farmaceutici A. Bertelli & C., An., Milan, Italy.
Filed May 24, 1937. Serial No. 393,187. PUBLISHED OCTOBER 5, 1937. Class 4.

354,227. SHAVING SOAPS. Rombo Parent, doing business as Familex Products Company, Montreal, Quebec, Canada.
Filed May 24, 1937. Serial No. 393,200. PUBLISHED NOVEMBER 23, 1937. Class 4.

354,228. CLEANING COMPOUND FOR USE IN LAUNDRIES AND DRY CLEANING ESTABLISHMENTS. The Fry Bros. Co., Cincinnati, Ohio.
Filed May 26, 1937. Serial No. 393,272. PUBLISHED OCTOBER 26, 1937. Class 4.

354,229. WINES. Tampa Wholesale Liquor Company, Inc., Tampa, Fla.
Filed May 27, 1937. Serial No. 393,349. PUBLISHED NOVEMBER 30, 1937. Class 47.

354,230. SOAP FOR ANIMALS. Midway Chemical Co., Chicago, Ill.
Filed June 1, 1937. Serial No. 393,471. PUBLISHED OCTOBER 12, 1937. Class 4.

354,231. CORN MEAL, PEARL GRITS, HOG FEED, DOG FEED, HORSE AND MULE FEEDS, LAYING MASH, DAIRY FEEDS, BOLTED CREAM MEAL. John M. Wilson, doing business as Meridian Grain & Elevator Co., Meridian, Miss.
Filed June 5, 1937. Serial No. 393,744. PUBLISHED NOVEMBER 2, 1937. Class 46.

354,232. POTTERY GOODS—NAMELY, DINNER WARE, VASES, FLOWER POTS, URNS, AND MIXING BOWLS. MEARL C. MEYERS, doing business as Meyers Pottery, Los Angeles, Calif.
Filed June 7, 1937. Serial No. 393,775. PUBLISHED NOVEMBER 30, 1937. Class 30.

354,233. MEN'S AND BOYS' COATS, SUITS, OVERCOATS, TOPCOATS, VESTS, TROUSERS, AND KNICKERBOCKERS AND BREECHES. HART, SCHAFFNER & MARX, Chicago, Ill.
Filed June 9, 1937. Serial No. 393,850. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,234. INNER TUBES FOR PNEUMATIC TIRES. BURKE-SAVAGE TIRE CO., Baltimore, Md.
Filed June 10, 1937. Serial No. 393,893. PUBLISHED NOVEMBER 30, 1937. Class 35.

354,235. WOMEN'S, CHILDREN'S, AND MEN'S SHOES MADE OF LEATHER OR FABRIC OR OF COMBINATIONS OF THOSE MATERIALS, HOSIERY, AND HATS. ALLIED STORES CORPORATION, Wilmington, Del., doing business as The Bon Marche, Seattle, Wash.
Filed June 12, 1937. Serial No. 393,967. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,236. MAGAZINE ISSUED PERIODICALLY. THE ROCKY MOUNTAIN NATIONAL FUR GROWERS' ASSOCIATION, Denver, Colo.
Filed June 12, 1937. Serial No. 394,005. PUBLISHED NOVEMBER 30, 1937. Class 38.

354,237. AUTOMATIC ELECTRIC SWITCHES, PARTICULARLY PRESSURE OPERATED, FLOAT OPERATED, VACUUM OPERATED AND TEMPERATURE OPERATED SWITCHES. PENN ELECTRIC SWITCH CO., Des Moines, Iowa.
Filed June 14, 1937. Serial No. 394,047. PUBLISHED NOVEMBER 30, 1937. Class 21.

354,238. SWEET PICKLED FRUITS, FRUIT JELLIES, WINE FLAVORED JELLIES, BRANDIED FRUITS, STUFFED CITRUS FRUITS, STUFFED DECIDUOUS FRUITS, PICKLES, ETC. W. B. RAYLE, Pasadena, Calif.
Filed June 15, 1937. Serial No. 394,098. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,239. WALLPAPER. I. LAPPIN WALL PAPER CO., INC., Boston, Mass.
Filed June 16, 1937. Serial No. 394,136. PUBLISHED NOVEMBER 30, 1937. Class 37.

354,240. FRESH MELONS AND FRESH VEGETABLES. McDANIEL & SONS, INC., Somerton, Ariz.
Filed June 21, 1937. Serial No. 394,336. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,241. CAMERAS AND ACCESSORIES. IHAGEE KAMERAWERK STEENBERGEN & CO., Dresden, Germany.
Filed June 23, 1937. Serial No. 394,407. PUBLISHED NOVEMBER 30, 1937. Class 26.

354,242. AUTOMATIC BAG AND INFUSION BAG PACKAGING MACHINE FOR PORTIONING OFF, FILLING, AND WRAPPING BAGS. R. SEELIG & HILLE, Dresden, Germany.
Filed June 25, 1937. Serial No. 394,510. PUBLISHED NOVEMBER 30, 1937. Class 23.

354,243. CLEANERS—NAMELY, PAINT CLEANER, WALL PAPER CLEANER, CLEANING SOLUTIONS FOR VENETIAN BLINDS, FOR FURNITURE, AND FOR PAINTED SURFACES, ETC. JOSEPH SMIDT, Chicago, Ill.
Filed June 28, 1937. Serial No. 394,641. PUBLISHED NOVEMBER 30, 1937. Class 4.

354,244. MULTI-COLORED POST-CARDS AND PICTORIAL ILLUSTRATIONS. CURT TEICH & COMPANY, INC., Chicago, Ill.
Filed June 28, 1937. Serial No. 394,644. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,245. TANNING AND TEXTILE OILS. WHITTEMORE-WRIGHT COMPANY, INC., Charlestown, Mass.
Filed August 21, 1937. Serial No. 396,653. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,246. MANICURE PREPARATIONS—NAMELY, NAIL POLISH, NAIL POLISH REMOVER, CUTICLE REMOVER, AND CUTICLE OIL. WEYEX LABORATORIES, INC., Marville, N. J.
Filed June 30, 1937. Serial No. 394,770. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,247. MEN'S, WOMEN'S, AND CHILDREN'S SPORTSWEAR—NAMELY, SWEATERS, SKIRTS, SUITS, HATS, AND GLOVES OF KNITTED AND WOVEN FABRICS. JEAN ELLIOTT YARNS, Los Angeles, Calif.
Filed July 6, 1937. Serial No. 394,894. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,248. MICA INSULATORS FOR ELECTRICAL USE. BOONTON RADIO CORPORATION, Boonton, N. J.
Filed July 7, 1937. Serial No. 394,930. PUBLISHED NOVEMBER 30, 1937. Class 21.

354,249. BICYCLES. FLORIDA BABBITT LA PLANTE, New York, N. Y.
Filed July 8, 1937. Serial No. 394,993. PUBLISHED NOVEMBER 30, 1937. Class 19.

354,250. BLANK PICTURE ALBUMS. CARL PERCY, INC., New York, N. Y.
Filed July 15, 1937. Serial No. 395,240. PUBLISHED NOVEMBER 30, 1937. Class 37.

354,251. WINE USED AS AN APPETIZER. J. & S. VIOLET FRERES, Thuir, France.
Filed July 15, 1937. Serial No. 395,248. PUBLISHED NOVEMBER 30, 1937. Class 47.

354,252. COFFEE, TEAS, AND SPICES. ADELPHIA COFFEE AND TEA COMPANY, New York, N. Y.
Filed July 16, 1937. Serial No. 395,254. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,253. ARTIFICIAL STONE. UNITED CAST STONE COMPANY, Bellevue, Mich.
Filed July 16, 1937. Serial No. 395,323. PUBLISHED NOVEMBER 23, 1937. Class 12.

354,254. HAIRPINS MADE OF ORDINARY METAL. ELIZABETH CLAFLIN LOW, New York, N. Y.
Filed July 22, 1937. Serial No. 395,533. PUBLISHED NOVEMBER 23, 1937. Class 40.

354,255. PNEUMATIC TIRES AND TUBES FOR VEHICLE WHEELS. THE PHARIS TIRE AND RUBBER COMPANY, Newark, Ohio.
Filed July 23, 1937. Serial No. 395,593. PUBLISHED NOVEMBER 30, 1937. Class 35.

354,256. AUTOMOBILE CLEANER WHICH IS A SOLVENT CLEANER FOR REMOVING FILM AND DIRT FROM THE FINISHED SURFACE, AND A CLEANER FOR UPHOLSTERY, RUGS, FABRICS, AND THE LIKE. PAUL GIBSON, Richmond, Va.
Filed July 24, 1937. Serial No. 395,616. PUBLISHED OCTOBER 12, 1937. Class 4.

354,257. GASOLINE, KEROSENE, MOTOR FUEL OILS, LUBRICATING OILS AND GREASES. SOUTHERN OIL COMPANY OF NEW YORK INC., Horseheads, N. Y.
Filed July 29, 1937. Serial No. 395,739. PUBLISHED NOVEMBER 23, 1937. Class 15.

354,258. PRESSURE RELIEF VALVES USED ON THE OVERFLOW PIPE OF AN AUTOMOBILE RADIATOR. EVANS PRODUCTS COMPANY, Detroit, Mich.
Filed July 29, 1937. Serial No. 395,751. PUBLISHED NOVEMBER 30, 1937. Class 13.

354,259. CLEANING COMPOUND—NAMELY, A NON-EXPLOSIVE SOLVENT WHICH REMOVES OIL AND GREASE SPOTS FROM ANY TYPE OF CLOTHING AND LEATHER GOODS, AND TYPE CLEANER. H. KIRK WHITE AND COMPANY, Oconomowoc, Wis.
Filed July 31, 1937. Serial No. 395,887. PUBLISHED NOVEMBER 23, 1937. Class 4.

354,260. LEATHER SHOES, RUBBER SHOES, AND FABRIC SHOES, AND SHOES MADE OF VARIOUS COMBINATIONS OF THE ABOVE-NAMED MATERIALS. BATES SHOE COMPANY, Webster, Mass.
Filed August 2, 1937. Serial No. 395,896. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,261. ABRASIVE AND/OR DETERGENT CLEANING COMPOUNDS. TURCO PRODUCTS, INC., Los Angeles, Calif.
Filed August 2, 1937. Serial No. 395,935. PUBLISHED NOVEMBER 9, 1937. Class 4.

354,262. TEA, SOY SAUCE, NOODLES, CHINESE RICE, SPICES, BEAN SPROUTS, AND WATER CHESTNUTS. J. M. WAHL, doing business as J. M. Wahl & Co., Phoenix, Ariz.
Filed August 2, 1937. Serial No. 395,936. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,263. PIPE AND AIR HOSE FITTINGS—NAMELY, COUPLINGS, VALVES, COCKS, NIPPLES, BUSHINGS, CLAMPS, CLIPS, AND MANIFOLDS, AND STRAINERS. THE DALLETT COMPANY, Philadelphia, Pa.
Filed August 4, 1937. Serial No. 395,979. PUBLISHED NOVEMBER 30, 1937. Class 13.

354,264. DRESSES AND APRONS FOR WOMEN AND MISSES. DECATUR GARMENT COMPANY, Decatur, Ill.
Filed August 4, 1937. Serial No. 395,980. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,265. DETERGENT PREPARATION FOR DISHWASHING. POPULAR BRANDS, INC., Wyncote, Pa.
Filed August 4, 1937. Serial No. 396,007. PUBLISHED OCTOBER 12, 1937. Class 4.

354,266. GIN. PACIFIC DISTILLERS, INC., Culver City, Calif.
Filed August 7, 1937. Serial No. 396,158. PUBLISHED NOVEMBER 30, 1937. Class 49.

354,267. PORTLAND CEMENTS. CARRIÈRES DUMON ET PRODUITS CALCAIRES DU TOURNAISIS SOCIÉTÉ ANONYME, Vaulx-near-Tournai, Belgium.
Filed August 10, 1937. Serial No. 396,224. PUBLISHED NOVEMBER 23, 1937. Class 12.

354,268. WINE—NAMELY, COCKTAIL SHERRY, BURGUNDY, AND PORT. HEARN DEPARTMENT STORES, INC., New York, N. Y.
Filed August 10, 1937. Serial No. 396,230. PUBLISHED NOVEMBER 30, 1937. Class 47.

354,269. PAPER BAGS. UNION BAG & PAPER CORPORATION, New York, N. Y.
Filed August 10, 1937. Serial No. 396,245. PUBLISHED NOVEMBER 30, 1937. Class 2.

354,270. OILS AND GREASES FOR WATERPROOFING, MAKING FLEXIBLE, STUFFING, FINISHING, AND IMPROVING THE TEXTURE OF LEATHER AND FIBROUS GOODS. THE VISCOL COMPANY, Stamford, Conn.
Filed August 10, 1937. Serial No. 396,247. PUBLISHED OCTOBER 12, 1937. Class 4.

354,271. FRESH CITRUS FRUITS. INDIAN RIVER CITRUS INSTITUTE, INC., Indian River City, Fla.
Filed August 12, 1937. Serial No. 396,316. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,272. TOILET AND LAUNDRY SOAPS AND POWDERS THEREOF. VALETE McMAHAN, Washington, D. C.
Filed August 12, 1937. Serial No. 396,324. PUBLISHED OCTOBER 12, 1937. Class 4.

354,273. ALL-PURPOSE LIQUID DOG AND CAT SOAP. FRED M. EATON, doing business as Nukote Laboratory, Santa Paula, Calif.
Filed August 12, 1937. Serial No. 396,357. PUBLISHED OCTOBER 12, 1937. Class 4.

354,274. FRESH VEGETABLES—NAMELY, SWEET POTATOES. DURIO & SIBILLE, Sunset, La.
Filed August 14, 1937. Serial No. 396,390. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,275. ELECTRICALLY HEATED BEVERAGE MAKERS. S. W. FARBER, INC., Brooklyn, N. Y.
Filed August 14, 1937. Serial No. 396,394. PUBLISHED NOVEMBER 30, 1937. Class 21.

354,276. CANNED PURE FRUIT JUICES FOR FOOD PURPOSES. PURE FRUIT JUICES, INC., Detroit, Mich.
Filed August 16, 1937. Serial No. 396,473. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,277. TOILET SOAP. SEARS, ROEBUCK AND CO., Chicago, Ill.
Filed August 16, 1937. Serial No. 396,474. PUBLISHED NOVEMBER 2, 1937. Class 4.

354,278. MEN'S, WOMEN'S, AND CHILDREN'S GLOVES AND MITTENS MADE OF LEATHER AND/OR FABRIC, OR ANY COMBINATION THEREOF. STEINBERGER BROS. GLOVE CORPORATION, New York, N. Y.
Filed August 16, 1937. Serial No. 396,476. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,279. RUG AND CARPET CLEANING COMPOUNDS. JAMES B. MCCOMB, New York, N. Y.
Filed August 17, 1937. Serial No. 396,498. PUBLISHED OCTOBER 19, 1937. Class 4.

354,280. GLASSWARE FOR ILLUMINATING PURPOSES. SICHSISCHE GLASFABRIK AUGUST WALTHER & SÖHNE AKTIENGESELLSCHAFT, Radeberg, Germany.
Filed August 17, 1937. Serial No. 396,508. PUBLISHED NOVEMBER 30, 1937. Class 34.

354,281. PLASTIC MATERIAL IN THE FORM OF SHEETS, FOILS, FILMS, RODS, AND TUBES SUITABLE FOR USE IN THE MANUFACTURE OF ORNAMENTAL AND DECORATIVE ARTICLES OR SURFACES. CELLULOID CORPORATION, Newark, N. J.
Filed August 18, 1937. Serial No. 396,529. PUBLISHED NOVEMBER 23, 1937. Class 1.

354,282. METAL WORKING TOOLS EMPLOYING REMOVABLE CUTTING BLADES. THE GAIRING TOOL COMPANY, INC., Detroit, Mich.
Filed August 18, 1937. Serial No. 396,534. PUBLISHED NOVEMBER 30, 1937. Class 23.

354,283. PERIODICAL PUBLICATION. EXPORT MANUAL PUBLISHING CORPORATION, New York, N. Y.
Filed August 20, 1937. Serial No. 396,602. PUBLISHED NOVEMBER 30, 1937. Class 38.

354,284. SECTION IN A MONTHLY PERIODICAL. OGDEN-WATNEY PUBLISHERS, INC., New York, N. Y.
Filed August 21, 1937. Serial No. 396,645. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,285. CIGARS. FRANCISCO ARANGO, JR., doing business as Tampa Cigar Co., Tampa, Fla.
Filed August 23, 1937. Serial No. 396,659. PUBLISHED NOVEMBER 30, 1937. Class 17.

354,286. TOILET SOAP. PINAUD INCORPORATED, New York, N. Y.
Filed August 23, 1937. Serial No. 396,692. PUBLISHED OCTOBER 12, 1937. Class 4.

354,287. CLEANING SOLVENTS FOR GENERAL, HOUSEHOLD, PROFESSIONAL, AND COMMERCIAL CLEANING. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del., and San Francisco, Calif.
Filed August 23, 1937. Serial No. 396,699. PUBLISHED NOVEMBER 9, 1937. Class 4.

354,288. HAIR SPRINGS FOR AMMETERS AND LIKE INSTRUMENTS. ASSOCIATED SPRING CORPORATION, Bristol, Conn.
Filed August 24, 1937. Serial No. 396,706. PUBLISHED NOVEMBER 30, 1937. Class 26.

354,289. CANDLES. EMERY INDUSTRIES, INC., Cincinnati, Ohio.
Filed August 24, 1937. Serial No. 396,712. PUBLISHED NOVEMBER 30, 1937. Class 15.

354,290. ENAMEL CLEANER. B. HELLER & COMPANY, Chicago, Ill.
Filed August 24, 1937. Serial No. 396,718. PUBLISHED NOVEMBER 9, 1937. Class 4.

354,291. PREPARATION FOR MELLOWING LEATHER. MANUFACTURING LABORATORIES, INC., Boston, Mass.
Filed August 24, 1937. Serial No. 396,721. PUBLISHED OCTOBER 19, 1937. Class 4.

354,292. LADIES' NEGLIGEES, PAJAMAS, NIGHTGOWNS, SLIPS, PETTICOATS, PANTIES, BRASSIÈRES, AND BLOOMERS. MILGRIM MANUFACTURING CO., New York, N. Y.
Filed August 26, 1937. Serial No. 396,777. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,293. CHEMICAL DETERGENT WITH OR WITHOUT SOAP OR OTHER EMULSIFYING AGENT FOR USE WITH WATER. THE COWLES DETERGENT COMPANY, Cleveland, Ohio.
Filed August 27, 1937. Serial No. 396,804. PUBLISHED OCTOBER 19, 1937. Class 4.

354,294. LEATHER OIL. STANDARD OIL COMPANY OF NEW JERSEY, Wilmington, Del.
Filed August 27, 1937. Serial No. 396,844. PUBLISHED OCTOBER 19, 1937. Class 4.

354,295. OUTER SHIRTS, SHORTS, SLACKS, AND SPORTSWEAR—NAMELY, DRESSES, BLOUSES, AND JACKETS FOR MEN, WOMEN, AND CHILDREN. WAMSUTTA MILLS, New Bedford, Mass.
Filed August 27, 1937. Serial No. 396,853. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,296. LADIES' UTILITY DRESSES AND UNIFORMS. S. L. HOFFMAN CO., INC., New York, N. Y.
Filed August 28, 1937. Serial No. 396,876. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,297. DRESS SHIELDS. JACOB STEIN, doing business as Climax Rubber Company, Brooklyn, N. Y.
Filed August 31, 1937. Serial No. 396,972. PUBLISHED NOVEMBER 30, 1937. Class 40.

354,298. PANCAKE FLOUR. LARROWE BUCKWHEAT FLOUR CORPORATION, Cohocton, N. Y.
Filed September 1, 1937. Serial No. 396,992. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,299. STEEL WOOL. AMERICAN STEEL WOOL MFG. CO. INC., Long Island City, N. Y.
Filed September 2, 1937. Serial No. 397,016. PUBLISHED NOVEMBER 16, 1937. Class 4.

354,300. ELECTRICALLY OPERATED SUCTION CLEANERS. THE HOOVER COMPANY, North Canton, Ohio.
Filed September 2, 1937. Serial No. 397,030. PUBLISHED NOVEMBER 30, 1937. Class 21.

354,301. PERIODICAL PUBLICATION. MEAT TRADE PUBLISHING CO., Chicago, Ill.
Filed September 2, 1937. Serial No. 397,042. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,302. SECTION IN A MONTHLY PERIODICAL. OGDEN-WATNEY PUBLISHERS, INC., New York, N. Y.
Filed September 2, 1937. Serial No. 397,046. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,303. SECTION IN A MONTHLY PERIODICAL. OGDEN-WATNEY PUBLISHERS, INC., New York, N. Y.
Filed September 2, 1937. Serial No. 397,047. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,304. RUST AND STAIN REMOVER FOR BATH TUBS, SINKS, AND THE LIKE. RUSTAIN PRODUCTS INCORPORATED, New York, N. Y.
Filed September 2, 1937. Serial No. 397,052. PUBLISHED NOVEMBER 23, 1937. Class 4.

354,305. LEATHER OIL. STANDARD OIL COMPANY OF NEW JERSEY, Wilmington, Del.
Filed September 2, 1937. Serial No. 397,058. PUBLISHED NOVEMBER 2, 1937. Class 4.

354,306. CONTAINER CLOSURES. CROWN CORK & SEAL COMPANY, INC., Baltimore, Md.
Filed September 3, 1937. Serial No. 397,071. PUBLISHED NOVEMBER 23, 1937. Class 50.

354,307. CLEANSING COMPOSITION FOR GLASSES, DISHES, AND THE LIKE. PERCY MCNEILL GARROD, doing business as Garrod Products, Port Richmond, N. Y.
Filed September 3, 1937. Serial No. 397,103. PUBLISHED NOVEMBER 23, 1937. Class 4.

354,308. FARM MACHINERY—NAMELY, FERTILIZER SOWERS, WALKING AND RIDING PLOWS, PLANTERS, HARROWS, SEEDING MACHINES, AND MACHINE INSECTICIDE SPRAYERS AND DUSTERS. JOHN BLUE, JR., Laurinburg, N. C.
Filed September 4, 1937. Serial No. 397,107. PUBLISHED NOVEMBER 30, 1937. Class 23.

354,309. MAGAZINE SECTION. HEARST MAGAZINES INC., New York, N. Y.
Filed September 4, 1937. Serial No. 397,115. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,310. WINES. ITALIAN SWISS COLONY, San Francisco, Calif.
Filed September 4, 1937. Serial No. 397,119. PUBLISHED NOVEMBER 30, 1937. Class 47.

354,311. SOAPS, SOAP CHIPS, SOAP POWDER, AND SHAVING CREAMS. WM. T. KNOTT COMPANY, INC., New York, N. Y.
Filed September 4, 1937. Serial No. 397.123. PUBLISHED NOVEMBER 23, 1937. Class 4.

354,312. RAZOR BLADES. GUY E. STEWART, doing business as Stewart Blade Company, Brooklyn, N. Y.
Filed September 4, 1937. Serial No. 397,157. PUBLISHED NOVEMBER 30, 1937. Class 23.

354,313. ROSARIES MADE IN WHOLE OR IN PART OF PRECIOUS METALS OR PLATED WITH THE SAME. JAMES V. PROVENZA, doing business as Novoscopic Rosary Company, Chicago, Ill.
Filed September 7, 1937. Serial No. 397,163. PUBLISHED NOVEMBER 23, 1937. Class 28.

354,314. LEAD PENCILS AND TOILET PAPER. BROWN-CAMP HARDWARE COMPANY, Des Moines, Iowa.
Filed September 7, 1937. Serial No. 397,182. PUBLISHED NOVEMBER 23, 1937. Class 37.

354,315. ELECTRICALLY ILLUMINATED SIGNS. THE MAGNAVOX COMPANY, Fort Wayne, Ind.
Filed September 7, 1937. Serial No. 397,194. PUBLISHED NOVEMBER 30, 1937. Class 21.

354,316. READY MIXED PAINTS, PAINT ENAMELS, VARNISHES, VARNISH STAINS, PAINT OILS, FILLERS, LACQUERS. R. H. MACY & CO., INC., New York, N. Y.
Filed September 9, 1937. Serial No. 397,260. PUBLISHED NOVEMBER 30, 1937. Class 16.

354,317. POLISHING AND CLEANING CLOTH, SCOURING POWDER, SOAP CHIPS, METAL POLISH, AND STEEL WOOL. R. H. MACY & CO., INC., New York, N. Y.
Filed September 9, 1937. Serial No. 397,261. PUBLISHED NOVEMBER 9, 1937. Class 4.

354,318. TOY SPEEDWAY OR RACETRACK AND MINIATURE TOY VEHICLES. LOUIS MARX & COMPANY, INC., New York, N. Y.
Filed September 9, 1937. Serial No. 397,263. PUBLISHED NOVEMBER 30, 1937. Class 22.

354,319. GLAZED PAPER. WYOMISSING GLAZED PAPER COMPANY, West Reading, Pa.
Filed September 9, 1937. Serial No. 397,272. PUBLISHED NOVEMBER 23, 1937. Class 37.

354,320. LUBRICATING OIL FOR MOTORS AND ENGINES. CITIES SERVICE OIL COMPANY, Bartlesville, Okla.
Filed September 10, 1937. Serial No. 397,277. PUBLISHED NOVEMBER 30, 1937. Class 15.

354,321. MAGAZINE SECTION. E. A. FREUND, New York, N. Y.
Filed September 10, 1937. Serial No. 397,286. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,322. BEACH AND STEAMER CHAIRS. SELRITE, INC., New York, N. Y.
Filed September 10, 1937. Serial No. 397,303. PUBLISHED NOVEMBER 30, 1937. Class 32.

354,323. DIAMONDS AND PRECIOUS STONES. TRABERT & HOEFFER INC., New York, N. Y.
Filed September 10, 1937. Serial No. 397,309. PUBLISHED NOVEMBER 30, 1937. Class 28.

354,324. PREPARED CEREAL FOODS. RED BOY CEREAL CO., Denver, Colo.
Filed September 11, 1937. Serial No. 397,321. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,325. TOILET SOAP AND SHAVING SOAP. THE ERASMIC COMPANY, LIMITED, Warrington, England.
Filed September 11, 1937. Serial No. 397,332. PUBLISHED NOVEMBER 9, 1937. Class 4.

354,326. CEREAL FOOD PRODUCTS, PARTICULARLY BREAKFAST CEREAL. GENERAL MILLS, INC., Minneapolis, Minn.
Filed September 13, 1937. Serial No. 397,362. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,327. AUTOMATIC STOKERS. NEWTON SUPPLY COMPANY, Philadelphia, Pa.
Filed September 14, 1937. Serial No. 397,413. PUBLISHED NOVEMBER 30, 1937. Class 34.

354,328. SERIES OF ARTICLES PERIODICALLY PUBLISHED. EDNA COLLADAY PIERCE, New York, N. Y.
Filed September 14, 1937. Serial No. 397,418. PUBLISHED NOVEMBER 30, 1937. Class 38.

354,329. LIQUID SHAVING LOTION TO BE APPLIED TO THE FACE BEFORE SHAVING WITH ELECTRIC RAZORS. PINAUD INCORPORATED, New York, N. Y.
Filed September 14, 1937. Serial No. 397,419. PUBLISHED NOVEMBER 23, 1937. Class 4.

354,330. MEN'S, WOMEN'S, AND CHILDREN'S UNDERWEAR, HOSIERY, BATHING SUITS, JERSEYS, AND SWEATERS, OF KNIT AND/OR WOVEN MATERIALS, POLO SHIRTS, PULLOVERS, DRESSES, AND DRESS SHIRTS, OF KNITTED AND/OR WOVEN MATERIALS. TRICOT CORP. OF AMERICA, New York, N. Y.
Filed September 14, 1937. Serial No. 397,428. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,331. DOLLS' CLOTHING—NAMELY, DRESSES, SLIPS, PANTIES, COATS, AND CAPES. DONALD B. WURZBURG, INC., Grand Rapids, Mich.
Filed September 15, 1937. Serial No. 397,466. PUBLISHED NOVEMBER 30, 1937. Class 22.

354,332. PERIODICAL PUBLISHED MONTHLY. ALDEN F. PERRIN, Chicago, Ill.
Filed September 16, 1937. Serial No. 397,483. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,333. ARTIFICIAL LEATHER. ASHER & BORETZ, INC., New York, N. Y.
Filed September 17, 1937. Serial No. 397,494. PUBLISHED NOVEMBER 30, 1937. Class 50.

354,334. STOKERS. CRANE CO., Chicago, Ill.
Filed September 17, 1937. Serial No. 397,503. PUBLISHED NOVEMBER 30, 1937. Class 34.

354,335. FRESH MILK AND CREAM. THE PAGE DAIRY COMPANY, Toledo, Ohio.
Filed September 17, 1937. Serial No. 397,514. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,336. STEEL PRODUCTS—NAMELY, TUBING FOR CORROSION OR HIGH TEMPERATURE RESISTING PURPOSES AND NOT FOR TOOL STEEL PURPOSES. THE TIMKEN ROLLER BEARING COMPANY, Canton, Ohio.
Filed September 17, 1937. Serial No. 397,524. PUBLISHED NOVEMBER 30, 1937. Class 13.

354,337. WATERPROOF DUCK AND WATERPROOF CANVAS. JACOB GRIFFEL, New York, N. Y.
Filed September 18, 1937. Serial No. 397,535. PUBLISHED NOVEMBER 30, 1937. Class 50.

354,338. LIQUID NEUTRAL CLEANSER FOR LINOLEUMS, RUBBER AND CORK FLOORS, VARNISHED WOODWORK, FURNITURE, AND THE LIKE. MIDLAND CHEMICAL LABORATORIES, INC., Dubuque, Iowa.
Filed September 18, 1937. Serial No. 397,545. PUBLISHED NOVEMBER 30, 1937. Class 4.

354,339. RAZOR BLADES. AMERICAN MERCHANDISE CO. INC., New York, N. Y.
Filed September 21, 1937. Serial No. 397,603. PUBLISHED NOVEMBER 30, 1937. Class 23.

354,340. READY MIXED PAINTS, PAINT ENAMELS, LACQUERS, AND VARNISHES. THE JOHN P. COCHRAN COMPANY, Cleveland, Ohio.
Filed September 21, 1937. Serial No. 397,611. PUBLISHED NOVEMBER 30, 1937. Class 16.

354,341. EYE GLASSES. SKOL COMPANY, INC., New York, N. Y.
Filed September 21, 1937. Serial No. 397,622. PUBLISHED NOVEMBER 30, 1937. Class 26.

354,342. GASOLINE BURNING LANTERNS. NATIONAL STAMPING & ELECTRIC WORKS, Chicago, Ill.
Filed September 23, 1937. Serial No. 397,718. PUBLISHED NOVEMBER 30, 1937. Class 34.

354,343. WOMEN'S AND MEN'S UNDERWEAR. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed September 24, 1937. Serial No. 397,739. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,344. MATTRESSES, PILLOWS, BOLSTERS, AND HASSOCKS. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y.
Filed September 24, 1937. Serial No. 397,745. PUBLISHED NOVEMBER 30, 1937. Class 32.

354,345. RAZOR BLADES. OTTO E. KRAUS, Chicago, Ill.
Filed September 24, 1937. Serial No. 397,759. PUBLISHED NOVEMBER 30, 1937. Class 23.

354,346. FUR SKINS. ABRAMS & LINDEN, INC., New York, N. Y.
Filed September 25, 1937. Serial No. 397,786. PUBLISHED NOVEMBER 23, 1937. Class 1.

354,347. PAPER FILLER OR POWDERED PAPER-MAKING INGREDIENT. BENNETT INCORPORATED, Cambridge, Mass.
Filed September 25, 1937. Serial No. 397,789. PUBLISHED NOVEMBER 23, 1937. Class 1.

354,348. BLANK OR PARTIALLY PRINTED TAGS. DENNISON MANUFACTURING COMPANY, Framingham, Mass.
Filed September 25, 1937. Serial No. 397,796. PUBLISHED NOVEMBER 23, 1937. Class 37.

354,349. TROUSERS AND KNICKERS FOR MEN AND BOYS. SYLVESTER ASHHEIM, New York, N. Y.
Filed September 27, 1937. Serial No. 397,832. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,350. WOMEN'S AND MISSES' HOUSE DRESSES. CHICAGO MAIL ORDER COMPANY, Chicago, Ill.
Filed September 27, 1937. Serial No. 397,838. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,351. PINS, CLIPS, AND SCARF HOLDERS MADE OF OR PLATED IN WHOLE OR IN PART WITH PRECIOUS METAL. MORRIS CHUSMIR, doing business as C. & G. Manufacturing Company, Providence, R. I.
Filed September 27, 1937. Serial No. 397,839. PUBLISHED NOVEMBER 30, 1937. Class 28.

354,352. CORSET BONING. DIAMOND BONING CORP., North Arlington, N. J.
Filed September 27, 1937. Serial No. 397,842. PUBLISHED NOVEMBER 30, 1937. Class 40.

354,353. PUBLICATIONS, INCLUDING SUBJECT MATTER APPERTAINING TO THE MERCHANDISING, WHOLESALING, AND RETAILING INDUSTRY, PUBLISHED FROM TIME TO TIME. J. DAVID HOUSER, doing business as The Houser Associates, New York, N. Y.
Filed September 27, 1937. Serial No. 397,850. PUBLISHED NOVEMBER 30, 1937. Class 38.

354,354. SANITARY GARMENTS. THE NICHOLS MANUFACTURING CO., Bridgeport, Conn.
Filed September 27, 1937. Serial No. 397,862. PUBLISHED NOVEMBER 30, 1937. Class 44.

354,355. SECTIONS OF PERIODICAL PUBLICATIONS. UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C.
Filed September 27, 1937. Serial No. 397,884. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,356. SPRAYABLE BITUMINOUS EMULSIONS. THE FLINTKOTE COMPANY, New York, N. Y.
Filed September 28, 1937. Serial No. 397,902. PUBLISHED NOVEMBER 30, 1937. Class 12.

354,357. FROZEN CONFECTIONS. JOE LOWE CORPORATION, New York, N. Y.
Filed September 29, 1937. Serial No. 397,939. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,358. FROZEN CONFECTIONS. JOE LOWE CORPORATION, New York, N. Y.
Filed September 29, 1937. Serial No. 397,942. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,359. CHEWING CIGARS. AUGUSTUS J. GOLDEN, Baltimore, Md.
Filed September 30, 1937. Serial No. 397,968. PUBLISHED NOVEMBER 23, 1937. Class 17.

354,360. PORTLAND CEMENT. HURON PORTLAND CEMENT CO., Detroit, Mich.
Filed September 30, 1937. Serial No. 397,970. PUBLISHED NOVEMBER 30, 1937. Class 12.

354,361. FOOD FORMULA FOR CAGE BIRDS. KELLOGG SEED COMPANY, Milwaukee, Wis.
Filed September 30, 1937. Serial No. 397,972. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,362. CANNED VEGETABLES. WILLIAM C. KIMBROUGH, doing business as Abbeville Packing Company, Lafayette, La.
Filed September 30, 1937. Serial No. 397,973. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,363. CANNED VEGETABLES, CANNED OYSTERS, CANNED BEANS WITH CHILI SAUCE. WILLIAM C. KIMBROUGH, doing business as Abbeville Packing Company, Lafayette, La.
Filed September 30, 1937. Serial No. 397,974. PUBLISHED NOVEMBER 30, 1937. Class 46.

354,364. SECTION OF A MAGAZINE. LOOK, INC., Des Moines, Iowa.
Filed September 30, 1937. Serial No. 397,978. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,365. PHOTOGRAPHIC PRINTS. ROCKFORD PHOTO SERVICE, doing business as Album Photo Service, Rockford, Ill.
Filed September 30, 1937. Serial No. 397,984. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,366. BLUE PRINTS, VAN DYKE PRINTS, DIRECT POSITIVE PRINTS, PHOTOSTAT PRINTS, MAGNIGRAPH PRINTS, TRACING CLOTH PRINTS, PHOTOGRAPHIC PRINTS, PLANOGRAPHIC PRINTS, PHOTOLITHOGRAPHIC PRINTS AND TECHNICAL BOOKS. SPAULDING-MOSS COMPANY, Boston, Mass.
Filed September 30, 1937. Serial No. 397,987. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,367. BARE AND INSULATED ELECTRICAL WIRES AND CABLES. GENERAL CABLE CORPORATION, New York, N. Y.
Filed October 1, 1937. Serial No. 398,006. PUBLISHED NOVEMBER 30, 1937. Class 21.

354,368. WEEKLY PUBLICATION FORECASTING THE WINNERS OF GAMES. T. RONALD ALLEN, doing business as T. Ronald Allen and Staff, Dayton, Ohio.
Filed October 2, 1937. Serial No. 398,030. PUBLISHED NOVEMBER 23, 1937. Class 38.

354,369. PLANT FOOD. GROBELLE LIQUID PLANT FOOD CO., INC., New York, N. Y.
Filed October 2, 1937. Serial No. 398,044. PUBLISHED NOVEMBER 30, 1937. Class 10.

354,370. CIGARETTES AND CIGARS. LA YEBANA COMPANY, INC., Sampaloc, Manila, P. I.
Filed October 2, 1937. Serial No. 398,047. PUBLISHED NOVEMBER 23, 1937. Class 17.

354,371. DRY-GOODS COTTON-BATTS. LOCKPORT COTTON BATTING CO., Lockport, N. Y.
Filed October 2, 1937. Serial No. 398,048. PUBLISHED NOVEMBER 23, 1937. Class 1.

354,372. MEASURING TAPES. THE LUFKIN RULE COMPANY, Saginaw, Mich.
Filed October 2, 1937. Serial No. 398,049. PUBLISHED NOVEMBER 30, 1937. Class 26.

354,373. CATAMENIAL BELTS. FLO W. O'NEILL, Beverly Hills and Santa Ana, Calif.
Filed October 2, 1937. Serial No. 398,057. PUBLISHED NOVEMBER 30, 1937. Class 44.

354,374. PAINTS, VARNISHES, AND ENAMELS—NAMELY, READY-MIXED PAINT, PAINT PASTE, PAINT IN POWDER FORM, AND PAINT ENAMELS, AND POLISHES—NAMELY, AUTOMOBILE AND FURNITURE POLISH. JOSEPH SMIDT, Chicago, Ill.
Filed October 2, 1937. Serial No. 398,060. PUBLISHED NOVEMBER 30, 1937. Class 16.

354,375. COLORS IN THE FORM OF POWDER AND PULP USED IN THE MANUFACTURE OF INKS. H. KOHNSTAMM & CO. INC., New York, N. Y.
Filed October 4, 1937. Serial No. 398,113. PUBLISHED NOVEMBER 30, 1937. Class 11.

354,376. EXTRACT FOR HAIR TROUBLES. LINO MANZONI, New York, N. Y.
Filed October 4, 1937. Serial No. 398,115. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,377. HORSE AND MULE SHOES. PHOENIX MANUFACTURING COMPANY, Joliet, Ill.
Filed October 4, 1937. Serial No. 398,127. PUBLISHED NOVEMBER 30, 1937. Class 3.

354,378. CIGARS. G. W. VAN SLYKE & HORTON, INC., Kingston, N. Y.
Filed October 4, 1937. Serial No. 398,135. PUBLISHED NOVEMBER 23, 1937. Class 17.

354,379. LUBRICATING GREASES. STANDARD OIL COMPANY OF NEW JERSEY, Wilmington, Del.
Filed October 5, 1937. Serial No. 398,179. PUBLISHED NOVEMBER 30, 1937. Class 15.

354,380. LUBRICATING GREASES. STANDARD OIL COMPANY OF NEW JERSEY, Wilmington, Del.
Filed October 5, 1937. Serial No. 398,180. PUBLISHED NOVEMBER 30, 1937. Class 15.

354,381. PRICE TICKETS, PRICE TAGS, AND BOOK MARKERS. MAX HISSLER, Buenos Aires, Argentina.
Filed October 8, 1937. Serial No. 398,281. PUBLISHED NOVEMBER 30, 1937. Class 37.

354,382. DOLLS AND COSTUMES THEREOF. McLOUGHLIN BROS., INC., Springfield, Mass.
Filed October 9, 1937. Serial No. 398,303. PUBLISHED NOVEMBER 30, 1937. Class 22.

354,383. PAPER BAGS. UNION BAG & PAPER CORPORATION, New York, N. Y.
Filed October 9, 1937. Serial No. 398,332. PUBLISHED NOVEMBER 30, 1937. Class 2.

354,384. FOUNTAIN PENS AND PARTS THEREOF. AIKIN-LAMBERT COMPANY, New York, N. Y.
Filed October 11, 1937. Serial No. 398,337. PUBLISHED NOVEMBER 23, 1937. Class 37.

354,385. GAME PLAYED WITH A DECK OF SPECIALLY PREPARED CARDS. JOE E. ELLEDGE, Colorado Springs, Colo.
Filed October 12, 1937. Serial No. 398,394. PUBLISHED NOVEMBER 30, 1937. Class 22.

354,386. PERIODICAL PUBLISHED MONTHLY. McGRAW-HILL PUBLISHING COMPANY, INC., New York, N. Y.
Filed October 12, 1937. Serial No. 398,400. PUBLISHED NOVEMBER 30, 1937. Class 38.

354,387. INK PADS. A. B. DICK COMPANY, Chicago, Ill.
Filed October 13, 1937. Serial No. 398,423. PUBLISHED NOVEMBER 30, 1937. Class 11.

354,388. WHISKEY, GIN, RUM, BRANDY, COGNAC, AND ALCOHOLIC CORDIALS. E. MUGGE COMPANY, INCORPORATED, Tampa, Fla.
Filed October 13, 1937. Serial No. 398,438. PUBLISHED NOVEMBER 30, 1937. Class 49.

354,389. COMIC DRAWINGS PUBLISHED IN A SERIES IN DAILY AND SUNDAY NEWSPAPERS. UNITED FEATURES SYNDICATE, INC., New York, N. Y.
Filed October 13, 1937. Serial No. 398,444. PUBLISHED NOVEMBER 30, 1937. Class 38.

354,390. FISHING RODS AND REELS. CHISHOLM-RYDER CO., INC., Niagara Falls, N. Y.
Filed October 16, 1937. Serial No. 398,555. PUBLISHED NOVEMBER 30, 1937. Class 22.

354,391. BOARD GAMES. MILTON BRADLEY COMPANY, Springfield, Mass.
Filed October 19, 1937. Serial No. 398,662. PUBLISHED NOVEMBER 30, 1937. Class 22.

354,392. FLOATS FOR FISHING TACKLE. THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio.
Filed October 20, 1937. Serial No. 398,721. PUBLISHED NOVEMBER 30, 1937. Class 22.

354,393. WHISKEY. MILESTONE DISTILLING COMPANY INCORPORATED, Louisville, Ky., and San Francisco, Calif.
Filed October 25, 1937. Serial No. 398,920. PUBLISHED NOVEMBER 30, 1937. Class 49.

354,394. COGNAC. PICKER-LINZ IMPORTERS, INC., New York, N. Y.
Filed October 27, 1937. Serial No. 399,009. PUBLISHED NOVEMBER 30, 1937. Class 40.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

354,395. (CLASS 37. PAPER AND STATIONERY.) RIEGEL PAPER CORPORATION, Riegelsville, N. J., and New York, N. Y. Filed Oct. 21, 1935. Serial No. 370,629.

CRYSTALSHEEN

For Decorated Paper Used as Printing Paper, Wrapping Paper, and for Making Announcement and Greeting Cards.
Claims use since Oct. 1, 1935.

354,396. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE FIRESTONE TIRE & RUBBER COMPANY, Akron, Ohio. Filed Apr. 14, 1936. Serial No. 377,184.

STANDARD

Gum-Dipped

For Resilient Vehicle Tires of Rubber or Rubber Composition or Rubber and Fabric.
Claims use since Nov. 18, 1935.

354,397. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) PULLMAN CHEMICAL COMPANY, Camden, N. J. Filed Sept. 25, 1936. Serial No. 383,640.

Pullman

For Plastic Gasket, Tire Cut Filler, Tube Repair Kit with Bevel Patches, Tube Repair Kit with Bevel Patches and Scissors, Portable Top Repair Kit (Comprising Patching Material, Adhesive, Putty, Etc.).
Claims use since Nov. 15, 1932.

354,398. (CLASS 39. CLOTHING.) ARON LIEBERMAN & SONS, Philadelphia, Pa. Filed Sept. 26, 1936. Serial No. 383,683.

ELKINS PARK

For Men's and Boys' Suits, Coats, Vests, and Trousers.
Claims use since July 7, 1936.

354,399. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) ABE BERMAN, doing business as Portage Mfg. Co., South Bend, Ind. Filed Oct. 12, 1936. Serial No. 384,234.

FISHSAVER

For Nets in the Nature of Fish Bags for Holding Live Fish.
Claims use since Sept. 26, 1936.

354,400. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) MARION W. BISSELL, doing business as Bissell Mfg. Co., Chicago, Ill. Filed Nov. 20, 1936. Serial No. 385,775.

Bissell's

For Cleaning, Waxing, and Polishing Machine for Automobile Bodies and the Like.
Claims use since Aug. 17, 1929.

354,401. (CLASS 38. PRINTS AND PUBLICATIONS.) PHILADELPHIA RECORD COMPANY, Philadelphia, Pa. Filed Nov. 20, 1936. Serial No. 385,803.

CECIL

PENNYFEATHER

For Column for Articles or Writings Published in Its Daily Newspaper.
Claims use since Jan. 27, 1935.

354,402. (CLASS 37. PAPER AND STATIONERY.) NORTHERN PAPER MILLS, Green Bay, Wis. Filed Nov. 23, 1936. Serial No. 385,822.

VACUUM SERVIS

For Paper Towels.
Claims use since Oct. 23, 1936.

354,403. (CLASS 39. CLOTHING.) IRVING STEMPEL & CO. INC., New York, N. Y. Filed Nov. 23, 1936. Serial No. 385,911.

Carolyn Taylor

For Women's Blouses, Jackets, Sweaters, Skirts, Dresses, Coats, and Suits.
Claims use since Oct. 16, 1936.

354,404. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE BRUNSWICK-BALKE-COLLENDER COMPANY, Chicago, Ill. Filed Dec. 5, 1936. Serial No. 386,351.

NEVA TIP

For Cuspidors Composed of Base Metal.
Claims use since Nov. 1, 1936.

354,405. (CLASS 32. FURNITURE AND UPHOLSTERY.) DREXEL FURNITURE CO., Drexel, N. C. Filed Dec. 22, 1936. Serial No. 387,035.

by Drexel

For Furniture—Viz., Buffets, Sideboards, Credenza Boards, Tables for Dining Room Use, Serving Tables, Tilt-Top Servers, Swivel Top Tables, Living Room Tables, Library Tables, China Cabinets, Corner Cabinets, Secretaries, Chairs, Dressers, Chests, Vanities, Dressing Tables, Night Tables, Commodes, Beds, Benches, Dinette Buffets, Dinette China Cabinets, Dinette Tables, and Dinette Chairs.
Claims use since Nov. 20, 1936.

354,406. (CLASS 39. CLOTHING.) J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y. Filed Jan. 7, 1937. Serial No. 387,555.

TRAVEL-COOL

For Men's and Boys' Clothing—Namely, Suits, Topcoats, and Trousers.
Claims use since Dec. 17, 1936.

354,407. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) F. L. SKINNER, Dunedin, Fla. Filed Jan. 7, 1937. Serial No. 387,566.

MANDALAY

For Fresh Citrus Fruit.
Claims use since Nov. 5, 1936.

354,408. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BRIGGS LEMON ASSOCIATION, Santa Paula, Calif. Filed Jan. 8, 1937. Serial No. 387,575.

KEEPER

For Fresh Citrus Fruits—Namely, Lemons.
Claims use since Nov. 17, 1936.

354,409. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) BRIGGS LEMON ASSOCIATION, Santa Paula, Calif. Filed Jan. 8, 1937. Serial No. 387,578.

HARDY

For Fresh Citrus Fruits—Namely, Lemons.
Claims use since Nov. 17, 1936.

354,410. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE DAYTON RUBBER MFG. COMPANY, Dayton, Ohio. Filed Jan. 21, 1937. Serial No. 387,987.

DAYTONIAN

For Tires Constructed of Rubber and Fabric Composition.
Claims use since Dec. 28, 1936.

354,411. (CLASS 3. SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.) HARRY O. HERMAN, Yeadon, Pa. Filed Jan. 21, 1937. Serial No. 388,003.

PACK-POUCH

For Tobacco Pouches.
Claims use since Dec. 18, 1936.

354,412. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) RAYMOND FRANCIS NEKUDA, Kansas City, Mo. Filed Jan. 30, 1937. Serial No. 388,362.

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For Playing Cards.
Claims use since Jan. 2, 1937.

354,413. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MAINE CANNED FOODS, INC., Portland, Maine. Filed Feb. 15, 1937. Serial No. 388,946.

Dutch Oven

For Baked Beans Packed in Glass or Tin.
Claims use since Dec. 30, 1936.

354,414. (CLASS 39. CLOTHING.) WILLIAM KOLMER & JACK MARCUS INC., New York, N. Y. Filed Apr. 15, 1937. Serial No. 391,388.

BECAUSE

"they won't let you wear it unless it fits"

For Men's Clothing—Namely, Men's Suits, Overcoats, and Topcoats.
Claims use since Sept. 8, 1936.

354,415. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) AUTOMOTIVE MAINTENANCE MACHINERY CO., North Chicago, Ill. Filed Apr. 21, 1937. Serial No. 391,608.

STREAM-TESTED

For Fishing Lures.
Claims use since June 15, 1930.

354,416. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) STERLING PACKING & GASKET CO. (INCORPORATED), Houston, Tex. Filed May 3, 1937. Serial No. 392,244.

Sterling MEANS QUALITY

For Mechanical Packings and Gaskets.
Claims use since Apr. 1, 1933.

354,417. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) BESSIE L. WOODS, Chicago, Ill. Filed July 1, 1937. Serial No. 394,766.

STAKLEEN

For Composition for Cleaning, Polishing, and Preventing Condensation of Moisture on Eyeglasses, Windshields, and the Like.
Claims use since December, 1936.

354,418. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE MARLEY COMPANY, Kansas City, Mo. Filed Aug. 16, 1937. Serial No. 396,464.

GEAREDUCER

For Power Transmission Gearing.
Claims use since Nov. 15, 1936.

354,419. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) RONAY, INC., New York, N. Y. Filed Sept. 28, 1937. Serial No. 397,914.

Ronay

For Ladies', Women's, and Misses' Pocketbooks, Handbags, and Purses.
Claims use since Sept. 1, 1936.

354,420. (CLASS 38. PRINTS AND PUBLICATIONS.) GODFROY MANUFACTURING COMPANY, St. Louis, Mo. Filed Oct. 30, 1937. Serial No. 399,136.

Marie Downing

For Feature Articles Published from Time to Time in Newspapers and Reprints Distributed Individually and in Booklet Form.
Claims use since May, 1936.

354,421. (CLASS 39. CLOTHING.) THE BURKHARDT BROS. COMPANY, Cincinnati, Ohio. Filed Nov. 1, 1937. Serial No. 399,164.

Dorchester

For Men's Suits, Topcoats, Overcoats, Slacks, Pants, Trousers, and Knickers.
Claims use since May 1, 1936.

354,422. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS.) TAY-HOLBROOK, INC., San Francisco, Calif. Filed Nov. 10, 1937. Serial No. 399,563.

AIR-HEAT

For Basement and Floor Type Furnaces, Using Coal, Gas, or Oil as Fuel.
Claims use since Feb. 24, 1934.

354,423. (CLASS 39. CLOTHING.) STYLECRAFT-BROWN CORP., New York, N. Y. Filed Nov. 11, 1937. Serial No. 399,627.

SATIN DOBBY-TONE

For Ladies' and Misses' Slips and Petticoats.
Claims use since Mar. 11, 1936.

354,424. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE BAY COMPANY, Bridgeport, Conn. Filed Dec. 13, 1937. Serial No. 400,749.

BAY'S

For Surgical Dressings, Gauze Products, Adhesive Products, and Absorbent Cotton—Namely, Surgical Gauze, Bandages, and Adhesive Plaster.
Claims use since Jan. 2, 1927.

TRADE-MARK REGISTRATIONS RENEWED

118,026. TALCUM POWDER. Registered August 14, 1917. FULLER-MORRISSON COMPANY, Chicago, Ill. Renewed August 14, 1937, to McKesson & Robbins, Incorporated, Fairfield, Conn., a corporation of Connecticut, assignee.

119,490. CERTAIN NAMED ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES. Registered November 27, 1917. ARROW FUSE & MFG. CO. Renewed November 27, 1937, to Trico Fuse Mfg. Co., Milwaukee, Wis., a corporation of Wisconsin, successor.

120,008. BACON, VIENNA-STYLE SAUSAGE, SKINNED HAM, SUGAR-CURED HAM. Registered January 1, 1918. ARMSTRONG PACKING COMPANY. Renewed January 1, 1938, to Armstrong Packing Company, Dallas, Tex., a corporation of Texas, assignee.

120,051. CERTAIN NAMED DRIERS, COOLERS, AND COOKERS. Registered January 8, 1918. JOHN B. ADT. Renewed January 8, 1938, to The John B. Adt Company, Baltimore, Md., a corporation of Maryland, assignee.

120,095. A TONIC AND REMEDY FOR FOWLS. Registered January 8, 1918. GERMO MANUFACTURING COMPANY, St. Louis, Mo., a corporation of Missouri. Renewed January 8, 1938.

120,104. AN HERB LAXATIVE. Registered January 8, 1918. HOLLISTER DRUG COMPANY, INCORPORATED. Renewed January 8, 1938, to Hollister Laboratories, Inc., Madison, Wis., a corporation of Wisconsin, by change of name.

120,106. BOOTS AND SHOES OF KID, LEATHER, AND CANVAS. Registered January 8, 1918. THE KAUT-REITH SHOE COMPANY, Carthage, Mo. Renewed January 8, 1938, to The Juvenile Shoe Corporation of America, Aurora and St. Louis, Mo., a corporation of Missouri, assignee.

120,220. TYPE-WRITER RIBBONS AND CARBON-PAPER. Registered January 15, 1918. REMINGTON TYPEWRITER COMPANY, Ilion and New York, N. Y. Renewed January 15, 1938, to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware, assignee.

120,250. CERTAIN NAMED MUSICAL INSTRUMENTS AND SUPPLIES. Registered January 29, 1918. C. G. CONN, LTD., Elkhart, Ind., a corporation of Indiana. Renewed January 29, 1938.

120,585. BOOTS AND SHOES OF KID, LEATHER, BEARSKIN, AND CANVAS. Registered February 19, 1918. THE KAUT-REITH SHOE COMPANY, Carthage, Mo. Renewed February 19, 1938, to The Juvenile Shoe Corporation of America, Aurora and St. Louis, Mo., a corporation of Missouri, assignee.

120,586. BOOTS AND SHOES OF KID, LEATHER, BEARSKIN, AND CANVAS. Registered February 19, 1918. THE KAUT-REITH SHOE COMPANY, Carthage, Mo. Renewed February 19, 1938, to The Juvenile Shoe Corporation of America, Aurora and St. Louis, Mo., a corporation of Missouri, assignee.

120,587. BOOTS AND SHOES OF KID, LEATHER, BEARSKIN, AND CANVAS. Registered February 19, 1918. THE KAUT-REITH SHOE COMPANY, Carthage, Mo. Renewed February 19, 1938, to The Juvenile Shoe Corporation of America, Aurora and St. Louis, Mo., a corporation of Missouri, assignee.

120,588. BOOTS AND SHOES OF KID, LEATHER, BEARSKIN, AND CANVAS. Registered February 19, 1918. THE KAUT-REITH SHOE COMPANY, Carthage, Mo. Renewed February 19, 1938, to The Juvenile Shoe Corporation of America, Aurora and St. Louis, Mo., a corporation of Missouri, assignee.

120,626. OLEOMARGARIN. Registered February 19, 1918. AMMON & PERSON, Jersey City, N. J. Renewed February 19, 1938, to Swift and Company, Chicago, Ill., a corporation of Illinois, assignee by mesne assignments.

120,670. BRAKE AND CLUTCH LININGS AND FACINGS. Registered February 26, 1918. GENERAL ASBESTOS & RUBBER COMPANY, Charleston, S. C. Renewed February 26, 1938, to Raybestos-Manhattan, Inc., Passaic, N. J., a corporation of New Jersey, assignee.

120,774. LIME. Registered March 5, 1918. THE OHIO HYDRATE & SUPPLY COMPANY, Woodville, Ohio, a corporation of Ohio. Renewed March 5, 1938.

121,383. CERTAIN NAMED CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF. Registered April 30, 1918. JOHN B. ADT, assignor to The John B. Adt Company. Renewed April 30, 1938, to The John B. Adt Company, Baltimore, Md., a corporation of Maryland, assignee.

121,468. RUBBER, CANVAS, AND LEATHER SHOES. Registered April 30, 1918. R. H. MACY & CO. Renewed April 30, 1938, to R. H. Macy & Co., Inc., New York, N. Y., a corporation of New York, assignee.

121,592. DRIED RAISINS AND DRIED FRUITS. Registered May 14, 1918. CALIFORNIA ASSOCIATED RAISIN CO. Renewed May 14, 1938, to Sun-Maid Raisin Growers of California, Fresno, Calif., an incorporated cooperative association of California, assignee.

121,663. CUBAN SHEEPSWOOL SPONGES. Registered May 14, 1918. SCHROEDER & TREMAYNE. Renewed May 14, 1938, to Schroeder & Tremayne, Inc., St. Louis, Mo., a corporation of Missouri, assignee.

121,716. CERTAIN NAMED CHEMICALS SUITABLE FOR TANNING, ALONE OR IN COMBINATION. Registered May 21, 1918. INNIS, SPEIDEN & CO., INC. Renewed May 21, 1938, to Innis, Speiden & Co., New York, N. Y., a corporation of Delaware, assignee.

121,901. INSECTICIDES AND FUNGICIDES. Registered June 11, 1918. INTERSTATE CHEMICAL CO. Renewed June 11, 1938, to Interstate Chemical Mfg. Co., Jersey City, N. J., a corporation of New Jersey, assignee.

121,921. MUSTARD. Registered June 11, 1918. MEYER & LANGE, New York, N. Y., a corporation of New York. Renewed June 11, 1938.

121,927. SOLUBLE OILS, SOLUBLE-OIL BASES, SULFONATED OILS, CUTTING-OILS, AND DRAWING OILS FOR LUBRICATING PURPOSES. Registered June 11, 1918. NATIONAL OIL PRODUCTS COMPANY, Harrison, N. J., a corporation of New Jersey. Renewed June 11, 1938.

121,944. METALS—NAMELY, COPPER, LEAD, ZINC, GOLD, AND SILVER. Registered June 11, 1918. PHELPS DODGE & COMPANY. Renewed June 11, 1938, to Phelps Dodge Corporation, New York, N. Y., a corporation of New York, assignee.

121,945. METALS—NAMELY, COPPER, LEAD, ZINC, GOLD, AND SILVER. Registered June 11, 1918. PHELPS DODGE CORPORATION, New York, N. Y., a corporation of New York. Renewed June 11, 1938.

121,968. ANNEALED AND UNANNEALED SPECIAL TOOL-STEEL. Registered June 11, 1918. TENNESSEE COAL, IRON AND RAILROAD COMPANY, Birmingham, Ala., a corporation of Tennessee. Renewed June 11, 1938.

LABELS
REGISTERED FEBRUARY 8, 1938

50,636.—*Title:* ADMIRACION DeLUXE NO. 2 SCALP AND HAIR TONIC. For Scalp and Hair Tonic. ADMIRACION LABORATORIES, INC., Harrison, N. J. Published October 22, 1937.

50,637.—*Title:* ADMIRACION DeLUXE NO. 1 SCALP AND HAIR TONIC. For Scalp and Hair Tonic. ADMIRACION LABORATORIES, INC., Harrison, N. J. Published October 22, 1937.

50,638.—*Title:* ADMIRACION SOLUTIZED LATHERING OIL SHAMPOO. For Lathering Oil Shampoo. ADMIRACION LABORATORIES, INC., Harrison, N. J. Published October 22, 1937.

50,639.—*Title:* ADMIRACION SOLUTIZED LATHERING OIL SHAMPOO DIRECTIONS. For Lathering Oil Shampoo. ADMIRACION LABORATORIES, INC., Harrison, N. J. Published October 22, 1937.

50,640.—*Title:* BIALY ORZEL. For House Paint. EDWARD E. ALLEN MFG. CO., Chicago, Ill. Published November 15, 1937.

50,641.—*Title:* FREEZER FRESH. For Ice Cream. ASH-BRADFORD, INC., South Bend, Ind. Published October 1, 1937.

50,642.—*Title:* SUNBEAM. For Fancy Grapefruit. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y. Published December 6, 1937.

50,643.—*Title:* SUNBEAM. For Fancy Sliced Hawaiian Pineapple. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y. Published December 6, 1937.

50,644.—Title: SUNBEAM. For Purple Plums. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y. Published December 6, 1937.

50,645.—*Title:* SUNBEAM. For Pure Natural Unsweetened Grapefruit Juice. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y. Published December 6, 1937.

50,646.—*Title:* SUNBEAM. For Strained Cranberry Sauce. AUSTIN, NICHOLS & CO., INC., Brooklyn, N. Y. Published December 6, 1937.

50,647.—*Title:* RED CAP. For Pure Vitalized Water. B & B BOTTLERS, INC., Indianapolis, Ind. Published October 10, 1937.

50,648.—*Title:* THE DIFFERENT GAME, MAKALOT. For a Game. ROY A. BEARD, Oaktown, Ind. Published November 30, 1937.

50,649.—*Title:* BEECH-NUT CREAM CRACKERS. For Cream Crackers. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published December 28, 1937.

50,650.—*Title:* OLD LESTER. For Straight Bourbon Whiskey. MORRIS BLUMENTHAL, Washington, D. C. Published January 10, 1938.

50,651.—*Title:* JOYCE ANN FROCKS. For Frocks. E. BORGENICHT & CO., INC., New York, N. Y. Published November 3, 1937.

50,652.—*Title:* COOKIE PRALINE. For Cookies. BURRY BISCUIT CORPORATION, Linden, N. J. Published November 1, 1937.

50,653.—*Title:* CRUEX. For a Medicated Cream for Toilet and Medical Use. THE CHEMICAL RESEARCH CORPORATION, Baltimore, Md. Published November 10, 1937.

50,654.—*Title:* FINE FOOTWEAR. For Footwear. A. C. CLAYTON, St. Louis, Mo. Published January 12, 1938.

50,655.—*Title:* LIGHTNING LATENT FINGER PRINT POWDER BLACK. For Latent Finger Print Powder. T. G. COOKE, Chicago, Ill. Published November 24, 1937.

50,656.—*Title:* LIGHTNING LATENT FINGER PRINT POWDER GRAY. For Latent Finger Print Powder. T. G. COOKE, Chicago, Ill. Published November 24, 1937.

50,657.—*Title:* "IF IT'S DE LISHUS IT'S DELICIOUS." "IT'S THE NUTS"—DE LISHUS TOPS FOR ALL CAKES AND DESSERTS. For Topping for Cakes and Desserts. DE LISHUS FOODS CORPORATION, Long Island City, N. Y. Published May 27, 1937.

50,658.—*Title:* STYLED BY FEZCO-BASQUE. For Berets. FEZ-AMERICA INCORPORATED, New York, N. Y. Published July 13, 1937.

50,659.—*Title:* DA-LITE. For Natural Light Inflectors. CHARLES FIRESTONE, New York, N. Y. Published October 4, 1937.

50,660.—*Title:* GARCIA GRANDE GOLDEN LEAF. For Cigars. GARCIA GRANDE CIGARS, INCORPORATED, New York, N. Y. Published August 12, 1937.

50,661.—*Title:* ALASKIMO. For Alaska Deep Sea Crab. ROBERT M. GARDINER, San Francisco, Calif. Published October 21, 1937.

50,662.—*Title:* GOTHAM GOLD STRIPE. For Silk Stockings. GOTHAM SILK HOSIERY COMPANY, INC., New York, N. Y. Published November 19, 1937.

50,663.—*Title:* GLAZOL—CLEANS GLAZES—FOR ALL AUTO FINISHES. For a Dry Glaze Dressing for All Auto Finishes. BENJAMIN GRANTZ, doing business as Specialty Laboratories, Hammond, Ind. Published September 20, 1937.

50,664.—*Title:* SPINDLETOP. For Pepper Sauce. THE GREVEMBERG CO., Beaumont, Tex. Published October 1, 1937.

50,665.—*Title:* CUPBOARD. For Canned Cherries. GROCERS SERVICE CORPORATION, Chicago, Ill. Published November 20, 1937.

50,666.—*Title:* CUPBOARD. For Canned Plums. GROCERS SERVICE CORPORATION, Chicago, Ill. Published November 20, 1937.

50,667.—*Title:* CUPBOARD. For Canned Sliced Beets. GROCERS SERVICE CORPORATION, Chicago, Ill. Published November 20, 1937.

50,668.—*Title:* CUPBOARD. For Canned Diced Carrots. GROCERS SERVICE CORPORATION, Chicago, Ill. Published November 20, 1937.

50,669.—*Title:* CUPBOARD. For Canned Tomato Juice. GROCERS SERVICE CORPORATION, Chicago, Ill. Published November 20, 1937.

50,670.—*Title:* CUPBOARD. For Canned Sauer Kraut. GROCERS SERVICE CORPORATION, Chicago, Ill. Published November 20, 1937.

50,671.—*Title:* GRUBER'S. For Ginger Ale. EDWARD H. GRUBER, doing business as Gruber Bottling Works, Philadelphia, Pa. Published May 1, 1937.

50,672.—*Title:* JUST A TASTE OF HAND PICKED TREE RIPENED FLORIDA FRUIT. For Florida Fruit. RAYMOND J. JEFFREYS, Lakewood, Ohio, and Cocoa, Fla. Published November 24, 1937.

50,673.—*Title:* JOHNSON'S GYM FINISH. For a Finish for Gymnasium Floors. S. C. JOHNSON & SON, INC., Racine, Wis. Published August 26, 1937.

50,674.—*Title:* AMERICAN BEAUTY. For Picnics. THE E. KAHN'S SONS CO., Cincinnati, Ohio. Published December 1, 1937.

50,675.—*Title:* AMERICAN BEAUTY. For Bacon. THE E. KAHN'S SONS CO., Cincinnati, Ohio. Published December 1, 1937.

50,676.—*Title:* AMERICAN BEAUTY. For Selected Bacon. THE E. KAHN'S SONS CO., Cincinnati, Ohio. Published December 1, 1937.

50,677.—*Title:* AMERICAN BEAUTY HAM. For Ham. THE E. KAHN'S SONS CO., Cincinnati, Ohio. Published December 1, 1937.

50,678.—*Title:* AMERICAN BEAUTY. For Smoked Cooked Ham. THE E. KAHN'S SONS CO., Cincinnati, Ohio. Published December 1, 1937.

50,679.—*Title:* AMERICAN BEAUTY. For Cooked Skinless Ham. THE E. KAHN'S SONS CO., Cincinnati, Ohio. Published December 1, 1937.

50,680.—*Title:* AMERICAN BEAUTY. For Skinned Ham. THE E. KAHN'S SONS CO., Cincinnati, Ohio. Published December 1, 1937.

50,681.—*Title:* AMERICAN BEAUTY. For Cooked Ham. THE E. KAHN'S SONS CO., Cincinnati, Ohio. Published December 1, 1937.

50,682.—*Title:* AMERICAN BEAUTY. For Cooked Ham. THE E. KAHN'S SONS CO., Cincinnati, Ohio. Published December 1, 1937.

50,683.—*Title:* TENDERHAM. For Ham. THE E. KAHN'S SONS CO., Cincinnati, Ohio. Published December 1, 1937.

50,684.—*Title:* KROGER'S TWINKLE GELATIN DESSERT. For Cherry Gelatin Dessert. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Published December 1, 1937.

50,685.—*Title:* KROGER'S TWINKLE GELATIN DESSERT. For Lime Gelatin Dessert. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Published December 1, 1937.

50,686.—*Title:* KROGER'S TWINKLE GELATIN DESSERT. For Orange Gelatin Dessert. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Published December 1, 1937.

50,687.—*Title:* KROGER'S TWINKLE GELATIN DESSERT. For Raspberry Gelatin Dessert. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Published December 1, 1937.

50,688.—*Title:* KROGER'S TWINKLE GELATIN DESSERT. For Strawberry Gelatin Dessert. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Published December 1, 1937.

50,689.—*Title:* KROGER'S TWINKLE GELATIN DESSERT. For Lemon Gelatin Dessert. THE KROGER GROCERY & BAKING COMPANY, Cincinnati, Ohio. Published December 1, 1937.

50,690.—*Title:* LIPTON ORANGE PEKOE & PEKOE (YELLOW AND RED). For One Cup-Individual Tea Bags. THOMAS J. LIPTON, INC., Hoboken, N. J., Chicago, Ill., and San Francisco, Calif. Published December 1, 1936.

50,691.—*Title:* LIPTON CHOICEST BLEND OF CEYLON & INDIA ORANGE PEKOE & PEKOE TEA (YELLOW AND RED). For Tea. THOMAS J. LIPTON, INC., Hoboken, N. J., Chicago, Ill., and San Francisco, Calif. Published October 1, 1937.

50,692.—*Title:* OLDE ENGLISH. For Tom & Jerry Batter. LOS ANGELES BREWING CO., doing business as Maison Chantelle, Los Angeles, Calif. Published September 20, 1937.

50,693.—*Title:* BICARTRATE. For a Powder for Making an Effervescent Drink. ALFONSO MAROTTA, East Boston, Mass. Published October 15, 1937.

50,694.—*Title:* FUSTAT. For Combination Fuses and Thermal Cutouts. MCGRAW ELECTRIC COMPANY, doing business as Mussmann Manufacturing Company, St. Louis, Mo. Published July 12, 1937.

50,695.—*Title:* FUSTAT. For Combination Fuses and Thermal Cutouts. MCGRAW ELECTRIC COMPANY, doing business as Mussmann Manufacturing Company, St. Louis, Mo. Published July 12, 1937.

50,696.—*Title:* CAMPUS JUNIOR SHOES. For Shoes. W. S. MILLER, INC., Middletown, Conn. Published November 23, 1937.

50,697.—*Title:* MODERN YOUTH SHOES. For Shoes. W. S. MILLER, INC., Middletown, Conn. Published November 23, 1937.

50,698.—*Title:* NU CAP. For Scalp Tonic. NUCAP LABORATORY, Denver, Colo. Published October 15, 1937.

50,699.—*Title:* HEADS UP. For Lithiated Lemon. PHILLIPS BROS., Baltimore, Md. Published June 15, 1937.

50,700.—*Title:* PITMAN BLU-PRINT POWDER. For Powder for Making Blue Prints on Glass by Contact. HAROLD M. PITMAN COMPANY, Chicago, Ill. Published November 12, 1937.

50,701.—*Title:* CHERESAUS. For Canned Pitted Red Cherries in Syrup. THE REYNOLDS PRESERVING COMPANY, Sturgeon Bay, Wis. Published December 4, 1937.

50,702.—*Title:* RAISN-WHEAT. For a Breakfast Cereal Consisting of a Mixture of Farina and Raisins. SKINNER MANUFACTURING COMPANY, Omaha, Nebr. Published December 15, 1937.

50,703.—*Title:* THE SNAP-ON APRON. For Women's Aprons. SNAP-ON APRON CO., Boston, Mass. Published July 31, 1937.

50,704.—*Title:* FLEISCHMANN'S. For Brewers' Yeast. STANDARD BRANDS INCORPORATED, New York, N. Y. Published January 10, 1938.

50,705.—*Title:* MOTHER TAYLORS' S. B. Q. SAUCE. For a Sauce. JESSIE TAYLOR, doing business as S. B. Q. Sauce Shop, Lorain, Ohio. Published November 5, 1937.

50,706.—*Title:* VITAMINS A-B_1, B_2-(G)-C-D-E SCIENTIFICALLY BALANCED FOR ADULTS. For Vitamin Capsules. U. S. VITAMIN CORPORATION, Dover, Del., and New York, N. Y. Published June 1, 1936.

50,707.—*Title:* VOGUE SIMPLEX. For Foundation Garments. VOGUE MFG. CO., Newark, N. J. Published November 3, 1937.

50,708.—*Title:* WHITE MOUNTAIN. For Bread. WILLIAMS BAKERY, New Albany, Ind. Published November 19, 1937.

50,709.—*Title:* CAVALIERE BRAND MACARONI. For Macaroni. C. W. WOLFE, doing business as Megs Macaroni Co., Harrisburg, Pa. Published August 1, 1937.

50,710.—*Title:* WRIGLEY'S SPEARMINT. For Chewing Gum. WM. WRIGLEY JR. COMPANY, Chicago, Ill. Published December 22, 1937.

50,711.—*Title:* WRIGLEY'S TRIPLE MINT GUM. For Chewing Gum. WM. WRIGLEY JR. COMPANY, Chicago, Ill. Published January 5, 1938.

50,712.—*Title:* WRIGLEY'S SPEAR MINT GUM. For Chewing Gum. WM. WRIGLEY JR. COMPANY, Chicago, Ill. Published January 5, 1938.

50,713.—*Title:* WRIGLEY'S TWIN MINT GUM. For Chewing Gum. WM. WRIGLEY JR. COMPANY, Chicago, Ill. Published January 5, 1938.

50,714.—*Title:* WRIGLEY'S DOUBLE MINT GUM. For Chewing Gum. WM. WRIGLEY JR. COMPANY, Chicago, Ill. Published January 5, 1938.

50,715.—*Title:* YOUNGS DENTURE REBASE AND TECHNIC. For Denture Rebases. L. ROMAINE YOUNG, INC., Seattle, Wash. Published August 10, 1937.

50,716.—*Title:* YOUNG'S DENTURE REBASE AND TECHNIC. For Denture Rebases. L. ROMAINE YOUNG, INC., Seattle, Wash. Published August 10, 1937.

50,717.—*Title:* GLOVE-X. For a Hand Cream. ZIMBEL LABORATORIES, Port Chester, N. Y. Published October 18, 1937.

50,718.—*Title:* LARVEX. For Insecticide and Mothproofing Composition. ZONITE PRODUCTS CORPORATION, New York, N. Y. Published December 9, 1937.

PRINTS

REGISTERED FEBRUARY 8, 1938

16,672.—*Title:* OF COURSE YOU WANT STORM SASH—LOOK FOR THE MASTER GOLD SEAL. For Storm Sash. CONVERTIBLE DOOR MFG. CO., Milwaukee, Wis. Published September 13, 1937.

16,673.—*Title:* NOW CLEVER WOMEN SERVE HOT BISCUIT TO RESCUE THOSE "BELOW PAR" MENUS. For Biscuit Flour. GENERAL MILLS, INC., Minneapolis, Minn. Published January 10, 1938.

16,674.—*Title:* COMFORT-CONTROL. For Topcoats. GREENSPOON CLOTHING CO., INC., doing business as Greenspoon Clothing Co., St. Louis, Mo. Published August 16, 1937.

16,675.—*Title:* NO MORE NEGLECTED CORRESPONDENCE—YOU'LL LOVE TO WRITE . . . WITH FOUNT-O-INK. For Writing Sets. GREGORY INK CO., Los Angeles, Calif. Published November 17, 1936.

16,676.—*Title:* KEEP FOUNT-O-INK BY THE TELEPHONE. For Writing Sets. GREGORY INK CO., Los Angeles, Calif. Published November 17, 1936.

16,677.—*Title:* FOUNT-O-INK IS THE MOST EFFICIENT WRITING SET I'VE EVER USED. For Writing Sets. GREGORY INK CO., Los Angeles, Calif. Published November 17, 1936.

16,678.—*Title:* JUST PUT ON A BOTTLE OF INK . . . NO MESSY WELL FILLING WITH FOUNT-O-INK. For Writing Sets. GREGORY INK CO., Los Angeles, Calif. Published November 17, 1936.

16,679.—*Title:* TUCK-TOP FROCK. For Frocks. S. L. HOFFMAN & CO., INC., New York, N. Y. Published December 21, 1937.

16,680.—*Title:* THREE ACTION BEAUTY NAIL BRUSH. For Three Action Beauty Nail Brushes. SIDONIE HELEN KIRSCH, New York, N. Y. Published November 19, 1937.

16,681.—*Title:* YOU CAN WIN ONE OF THESE BEAUTIFUL LONGINES WATCHES! For Tooth Powder and Tooth Paste. LEHN & FINK PRODUCTS CORPORATION, Bloomfield, N. J. Published October 6, 1937.

16,682.—*Title:* YOU CAN WIN EITHER OF THESE BEAUTIFUL LONGINES WATCHES! For Tooth Powder and Tooth Paste. LEHN & FINK PRODUCTS CORPORATION, Bloomfield, N. J. Published October 6, 1937.

16,683.—*Title:* DO YOUR FEET LOOK LIKE THIS UNDER THE X-RAY? THE WAY TO FOOT HEALTH, HOW HEALTH SPOT SHOES CORRECT WEAK FEET. For Shoes. MUSEBECK SHOE COMPANY, Danville, Ill. Published June 18, 1937.

16,684.—*Title:* LIKE A FASHION PARADE COME THESE 1938 PARKER PEN SETS! For Fountain Pens, Mechanical Pencils, and Desk Sets. THE PARKER PEN COMPANY, Janesville, Wis. Published November 20, 1937.

16,685.—*Title:* INTERNATIONAL SECRET POLICE—SPEED GIBSON. For Bread. QUALITY BAKERS OF AMERICA, New York, N. Y. Published September 10, 1937.

16,686.—*Title:* REO SPEED WAGONS AND HEAVY-DUTY TRUCKS. For Speedwagons and Heavy-Duty Trucks. REO MOTOR CAR COMPANY, Lansing, Mich. Published July 26, 1937.

16,687.—*Title:* REO HEAVY-DUTY TRUCKS AND SAFETY BUSSES, ETC. For Heavy-Duty Trucks and Safety Busses. REO MOTOR CAR COMPANY, Lansing, Mich. Published July 26, 1937.

16,688.—*Title:* HIGH SPEED GLAMOR SERIES—LOXOL—OIL SHAMPOO TINT. For Oil Shampoo Tint. SALES AFFILIATES, INC., New York, N. Y. Published November 18, 1937.

16,689.—*Title:* ANNOUNCING VAPOR-VACUUM. For Automatic Capping Machines and Caps for Sealing Glass Containers. WHITE CAP COMPANY, Chicago, Ill. Published October 19, 1937.

16,690.—*Title:* YANKEE LAMPS AND SPECIALTIES. For Fog Lights. YANKEE METAL PRODUCTS CORP., Norwalk, Conn. Published October 22, 1937.

16,691.—*Title:* YANKEE LAMPS AND SPECIALTIES. For Reflectors. YANKEE METAL PRODUCTS CORP., Norwalk, Conn. Published November 3, 1937.

REISSUES

FEBRUARY 8, 1938

20,649

THERMOSTATIC OVERLOAD SWITCH

Herman J. Hammerly, New Britain, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a corporation of Connecticut

Original No. 2,038,105, dated April 21, 1936, Serial No. 758,913, December 24, 1934. Application for reissue November 2, 1937, Serial No. 172,467

21 Claims. (Cl. 200—116)



1. In a toggle action thermostatic switch, an insulating support, a metal frame carried thereby and having a toggle action device, a freely pivoted catch carried by one part of the toggle action device and a thermostatic latch coacting with the catch.

20,650

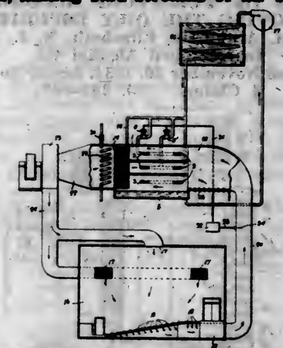
METHOD OF AIR CONDITIONING

Thomas Chester, Detroit, Mich.

Original No. 1,968,264, dated January 15, 1935, Serial No. 510,349, January 22, 1931, which is a division of application January 30, 1928, Serial No. 250,489, now Patent No. 1,791,751, dated February 10, 1931. Application for reissue August 31, 1935, Serial No. 38,811

13 Claims. (Cl. 261—115)

13. The method of air conditioning an enclosure which consists in drawing fresh air from the outdoor atmosphere in desired volume, withdrawing return air from the enclosure, passing said fresh air and said return air in a plurality of streams through a plurality of conditioning zones, subjecting different numbers of said streams passing through said zones to the action of conditioning medium in accordance with variations in heat load, subjecting at least one of said streams to the action of conditioning medium at all times, mixing said streams of air subsequent



to their passage through said zones and supplying said air mixture to said enclosure.

20,651

AUTOMATIC DECELERATION CONTROL DEVICE

Albert G. H. Vanderpoel, Wilmar, Calif., assignor of one-third to James O'Laverty and one-third to David E. Seward, both of Los Angeles, Calif.

Original No. 2,017,378, dated October 22, 1935, Serial No. 719,888, April 10, 1934. Application for reissue November 10, 1936, Serial No. 110,135

19 Claims. (Cl. 123—97)



1. The combination with a carbureter and intake manifold, of a gaseous fuel conduit leading from the carbureter to the intake manifold, a valve arranged for operation within said conduit, a spring connected to said valve and normally tending to close the same, means for normally holding said valve from closing, and means actuated by the vacuum produced within the intake manifold when the flow of gaseous fuel thereto is decelerated, for releasing said valve holding means to permit said valve to close.

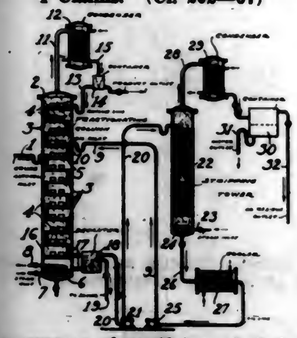
PATENTS

GRANTED FEBRUARY 8, 1938

2,107,265
PROCESS OF PURIFYING ALCOHOLS BY REMOVING THE OILY IMPURITIES

Francis M. Archibald, Elizabeth, N. J., assignor to Standard Alcohol Co.

Application November 20, 1934, Serial No. 753,807
4 Claims. (Cl. 202—67)

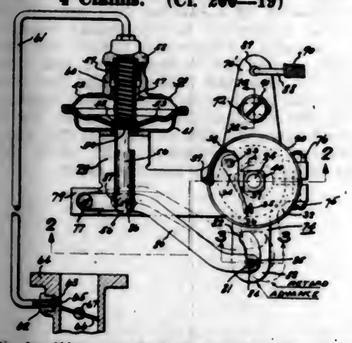


1. In a process of purifying alcohols derived from unsaturated hydrocarbons and containing oily impurities in solution by removing the oily impurities, the improvement which comprises passing vapors of an alcohol containing oily impurities in countercurrent flow with a liquid highly refined petroleum oil, separating the vapors of the alcohol from the liquid petroleum oil and condensing the vapors of the alcohol separately.

2,107,266
IGNITION CONTROL APPARATUS

James L. Arthur, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application May 3, 1934, Serial No. 723,643
4 Claims. (Cl. 200—19)



1. In ignition control apparatus for internal combustion engines having a housing provided with a shank and rotatably supported for altering the time relation of the engine, the combination with the housing comprising a plate pivotally mounted upon said shank providing for manual distributor adjustment, a second plate rigidly mounted upon the shank, and means operatively connecting the plates comprising, a cam slot in the rigid plate, a cam follower riding in the cam slot and pivoted upon said first plate, and a member carried by said first plate and connected to said cam follower.

2,107,267
LADLE

Carl P. Astrom, East Orange, N. J.

Application March 14, 1936, Serial No. 68,954
4 Claims. (Cl. 22—81)

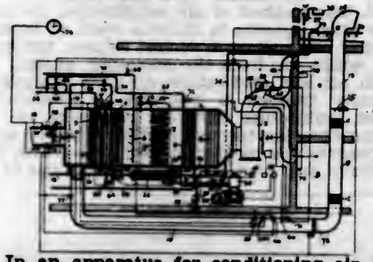


1. A ladle comprising a tubular metallic shell having a bottom and an open top, the tubular wall of the shell having vertically extending trunnion carrying portions on opposite sides thereof and intermediate portions connecting the trunnion carrying portions, the trunnion carrying portions having their lower ends attached to and spaced apart by the bottom and being individually substantially resistant to flexure under the influence of lifting forces applied at the trunnions, and the intermediate portions, not subjected to such forces, being of lighter construction.

2,107,268
APPARATUS FOR CONDITIONING AIR

Lester T. Avery, Shaker Heights, and Hugh Lenane, Euclid Village, Ohio, assignors to Avery Engineering Company, Cleveland, Ohio, a corporation of Ohio

Application November 29, 1935, Serial No. 52,140
8 Claims. (Cl. 257—3)

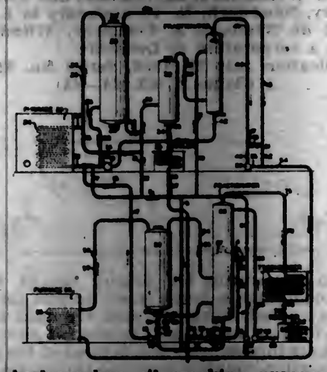


1. In an apparatus for conditioning air, the combination of a water-cooled cooling means for initially cooling the air, a refrigerating system for further cooling the air, said system having a condenser supplied with water from said cooling means, means responsive to a function of the psychrometric condition of the air for regulating the flow of water through said cooling means and for operating said refrigerating system, and means responsive to the temperature of said condenser for supplying to said condenser cooling water additional to that supplied from said cooling means.

2,107,269
HYDROCARBON OIL CONVERSION

John B. Barnes, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application March 16, 1931, Serial No. 522,865
Renewed March 4, 1936
2 Claims. (Cl. 196—60)

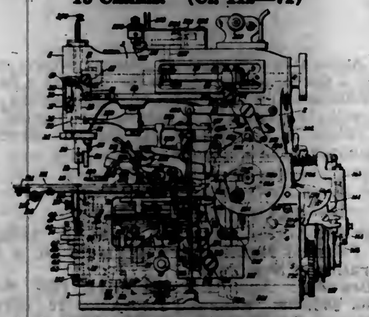


1. A hydrocarbon oil cracking process which comprises subjecting the oil to cracking conditions of temperature and pressure and separating the same into vapors and unvaporized oil, flash distilling the unvaporized oil by pressure reduction, dephlegmating the flashed vapors and returning resultant reflux to the cracking step, combining the flashed vapors uncondensed by the dephlegmation with the first-mentioned vapors, heating the commingled vapors to vapor phase cracking temperature, dephlegmating the thus heated vapors to condense heavier fractions thereof, blending such condensed fractions with the residue of the flash distillation and recovering the resultant blend as a product of the process, and finally condensing the dephlegmated vapors.

2,107,270
BUTTONHOLE SEWING MACHINE

Edward B. Allen, deceased, late of Newtown, Conn., by Josephine W. Allen, administratrix, Newtown, Conn., and Maurice D. Knox, Devon, and Harold C. Faulkner, Long Hill, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Application November 10, 1936, Serial No. 110,026
15 Claims. (Cl. 112—71)

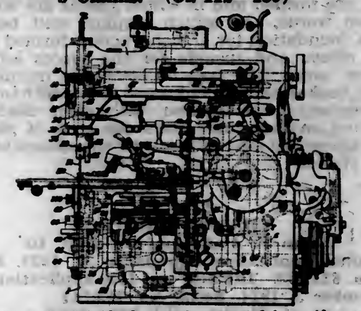


1. A lock-stitch buttonhole sewing machine having, in combination, stitch-forming instrumentalities including an endwise reciprocatory and laterally vibratory needle, a loop-taker, and a bobbin within the field of action of said loop-taker, a work-holder, feeding means to relatively move the stitch-forming instrumentalities and work-holder to sew around a buttonhole, means to turn the stitch-forming instrumentalities about an axis normal to the plane of the work in sewing around one end of the buttonhole, and means to cut the buttonhole.

2,107,271
ZIGZAG STITCH-FORMING MECHANISM FOR SEWING MACHINES

Edward B. Allen, deceased, late of Newtown, Conn., by Josephine W. Allen, administratrix, Newtown, Conn., and Maurice D. Knox, Devon, and Harold C. Faulkner, Long Hill, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey

Original application November 10, 1936, Serial No. 110,026. Divided and this application March 18, 1937, Serial No. 131,618
5 Claims. (Cl. 112—159)

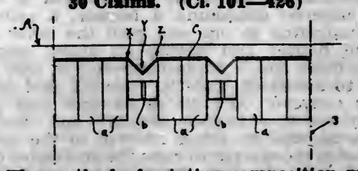


1. In a lock-stitch sewing machine, the combination with a reciprocatory and laterally vibratory needle, of a circularly moving loop-taker, a bobbin, a rotary driving shaft, a driving gear carried thereby, a driven shaft, a pinion of half the size of said driving gear mounted on said driven shaft and meshing with said driving gear, a carrier for said driven shaft mounted for oscillatory movement about the axis of said driving shaft, means on said driving shaft and connections to oscillate said carrier, and means actuated by said driven shaft for imparting circular movement to said loop-taker.

2,107,272
METHOD OF PRINTING AND DEVICE THEREFOR

Leon H. Amdur, Brooklyn, N. Y.

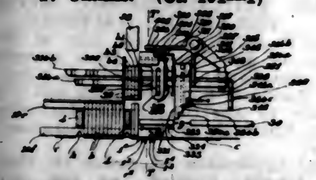
Application December 13, 1934, Serial No. 757,305
30 Claims. (Cl. 101—426)



1. The method of printing composition-matter which method employs a ribbon upon which duplicative characters may be formed, and backers as a foundation for the characters formed on the ribbon and spacers for the spaces left between words, the step of forming the characters upon the ribbon, the step of crimping the

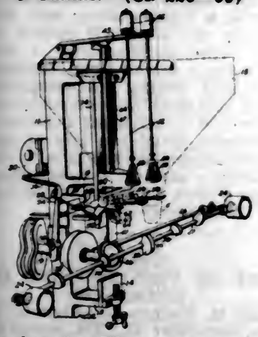
ribbon at the spaces left between words, and the step of placing individual backers in association with each character formed on the ribbon and placing the spacers in association with the crimpings made in the ribbon.

2,107,273
PRINTING METHOD AND MACHINE
Leon H. Amdur, Brooklyn, N. Y.
Application September 12, 1935, Serial No. 40,251
17 Claims. (Cl. 101—1)



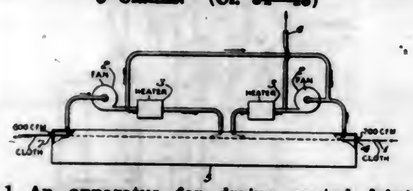
1. The method of printing characters which employs a ribbon upon which duplicative characters are formed and in which spaces are left between words, and which employs unit backers as a foundation for the characters formed upon the ribbon and spacers for the spaces left between words, the step of placing a number of unit backers dependent upon the width of the character, in association with each character formed on the ribbon, and the step of placing the spacers in association with the spaces left on the ribbon.

2,107,274
FILLING MACHINE
Swan F. Anderson, Rockford, Ill.
Original application September 30, 1932, Serial No. 635,482. Divided and this application December 3, 1934, Serial No. 755,714
8 Claims. (Cl. 226—99)



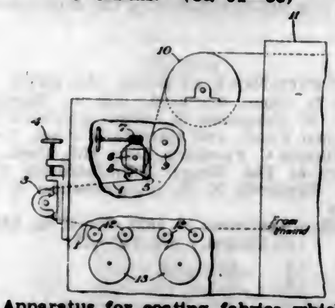
1. Mechanism for filling a succession of cups with material combining a hopper, a cylinder communicating at one end with the lower end of said hopper and having an outlet opening at the other end, a plunger movable in said cylinder to discharge material through said opening, a conveyor operable to advance said cups one by one to a position beneath said opening, means operable in timed relation to the movement of said conveyor to raise the successive cups toward said opening, spring means tending to move said plunger toward said outlet, power driven means operable in timed relation to the upward movement of each cup to permit lowering of said plunger, latch means normally tending to assume active position and when in such position to lock said plunger in raised position, and a feeler disposed in the path of each cup presented to said outlet and acting upon movement by the cup to render said latch means ineffectual.

2,107,275
DRYING EQUIPMENT
William T. Andersen, Eggertsville, and James M. Henry, Newburgh, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application July 28, 1936, Serial No. 92,988
3 Claims. (Cl. 34—48)



1. An apparatus for drying coated fabrics which comprises a long tunnel, means for passing the coated fabric through the said tunnel, means for heating air and means for circulating the hot air through the first portion of the tunnel in a direction countercurrent to the travel of the coated fabric, and means for passing hot air in a direction concurrent with the travel of the cloth in the latter section of the tunnel and means for passing a portion of the air circulating in the latter portion of the tunnel to the air circulating in the first portion of the tunnel.

2,107,276
VERTICAL COATING EQUIPMENT
William T. Andersen, Eggertsville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application July 28, 1936, Serial No. 92,989
8 Claims. (Cl. 91—53)



1. Apparatus for coating fabrics which comprises a doctor knife, means for passing a fabric in a substantially horizontal direction before contact with the knife, and means for moving the said fabric in a substantially vertical direction after contact with the said knife.

2,107,277
TANTALUM RECOVERY
Miner M. Austin, Highland Park, Ill., assignor to Fansteel Metallurgical Corporation, a corporation of New York
No Drawing. Application April 14, 1932, Serial No. 605,358. Renewed December 19, 1934
12 Claims. (Cl. 75—84)

1. A method of recovering commercial tantalum from tantalum scrap, which comprises hydrogenating tantalum scrap, grinding the hydrogenated scrap and heating the hydrogenated powder to substantially 900° C. while exhausting the gases released from the powder by the heat.

2,107,278
METHOD OF FORMING EXPANDED METAL
Herbert K. Baker, Kokomo, Ind.
Application December 23, 1935, Serial No. 55,884
11 Claims. (Cl. 164—6.5)



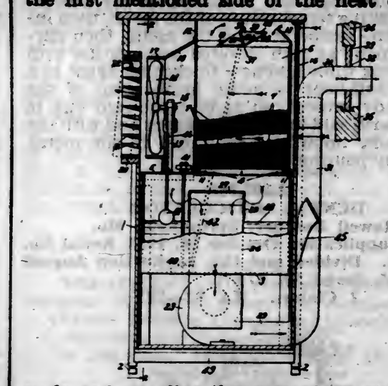
11. The method of forming expanded metal comprising slitting the sheet substantially parallel to the longitudinal edges thereof to form overlapping bonded strands in an arrangement to leave diagonally across the sheet uninterrupted continuities of bonds between series of said strands, and deflecting the strands out of the plane of the slitted sheet to dispose continuities of bonds in edgewise arrangements during expansion into an open meshwork.

2,107,279
PRODUCTION OF REFRACTORY METALS AND ALLOYS
Clarence W. Balke and Claire C. Balke, Highland Park, Ill., assignors to Fansteel Metallurgical Corporation, a corporation of New York
No Drawing. Application June 17, 1935, Serial No. 26,924
16 Claims. (Cl. 75—84)

1. A method of recovering metals of the group consisting of at least one of the refractory metals of the Fourth Group, alloys consisting of at least one of the refractory metals of the Fourth Group and at least one of the refractory metals of the Fifth Group, and alloys consisting of at least one of the refractory metals of the Fourth and Fifth Groups and minor proportions of at least one of the refractory metals of the Sixth Group, which comprises hydrogenating solid metallic pieces rich in the desired refractory metal or alloy, grinding the hydrogenated pieces, and heating the hydrogenated powder to the dehydrogenating temperature while exhausting the gases released from the powder as a result of the heating.

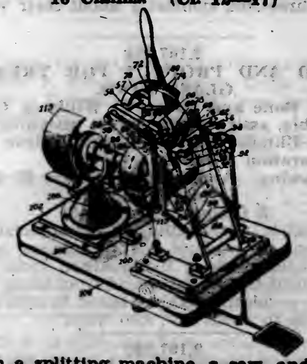
2,107,280
AIR COOLING APPARATUS
John R. Ballard, San Francisco, Calif., assignor to George Van Seabock, Syndicate Manager, of Duo-Syndicate, New York, N. Y.
Application July 5, 1934, Serial No. 733,742
12 Claims. (Cl. 62—129)

11. The method of conditioning the air of a room that comprises moving a relatively large volume, per minute, of the air of the room in contact with one side of a plurality of heat exchange surfaces and back into the room for re-passage in contact with said surfaces while moving an appreciably smaller volume, per minute, of the air of the room across the other side of said surfaces and to outside the room, and periodically moistening said other surfaces with a relatively thin sheet of moisture whereby the air moved across the moistened surfaces will cause evaporation of the moisture to thereby effect a cooling of the first mentioned side of the heat exchange



surfaces for cooling the room-air moved in contact therewith and back into the room.

2,107,281
SPLITTING MACHINE
Lewis J. Barnoni, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application December 30, 1935, Serial No. 56,737
18 Claims. (Cl. 12—17)



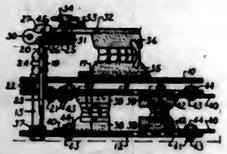
1. In a splitting machine, a saw, and mechanism constructed and arranged to locate a sole in a predetermined position and rigidly to support the positioned sole, said saw and said mechanism being mounted for relative movement to split a heel-breast covering flap from the sole and to remove a layer of material from the sole whereby to form a heel-breast receiving shoulder upon the sole.

2,107,282
METHOD OF REMELTING AND REFINING MAGNESIUM AND LIGHT METAL ALLOYS CONTAINING MAGNESIUM
Adolf Beck, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation, a corporation of Delaware
No Drawing. Application July 16, 1936, Serial No. 90,606. In Germany July 19, 1935
7 Claims. (Cl. 75—67)

1. A method of re-melting and refining magnesium and light metal alloys containing magnesium and more particularly high percentage magnesium-base alloys, which comprises melting the

metal in the presence of a thinly fluid saline flux having a melting point not substantially exceeding the melting temperature of the metal, then increasing the temperature of the metal, then stirring the metal at such elevated temperature with the said flux while adding a thickening agent in a quantity sufficient to cause inspissation of the flux already present, so as to cause said flux to combine with said inspissating agent and with the non-metallic impurities contained in the metal, and finally pouring said metal.

2,107,283
DENTAL ARTICULATOR
Howell Boatner, Springfield, Mo.
Original application October 28, 1933, Serial No. 695,711. Divided and this application August 26, 1935, Serial No. 37,872
2 Claims. (Cl. 32—32)

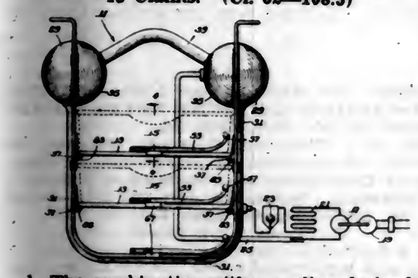


1. A dental articulator comprising an adjustable jaw denture model holder, a stationary jaw denture model holder with respect to which said first holder may be adjusted, and means to adjust said first holder, said means consisting of prisms having cooperative guiding faces disposed in trigonal or three-fold symmetry about their vertical axes.

2,107,284
METHOD AND PRODUCT FOR TREATING GLASS WOOL
Hugh M. Bone and Robert C. Williams, Columbus, Ohio, assignors, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio, a corporation of Ohio
No Drawing. Application February 20, 1936, Serial No. 64,938
5 Claims. (Cl. 87—9)

1. An oil-in-water emulsion for application to glass wool to produce an oleaginous coating thereon comprising a hydrocarbon from about 20% to about 40%, a fatty acid from about 12.6% to 18.5%, a volatile alkaline agent in appreciable amount up to about 4%, and water.

2,107,285
ICE TRAY SUPPORTING AND RELEASING MEANS
Arthur R. Constantine, River Forest, Ill., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill., a corporation
Application February 23, 1934, Serial No. 712,563
15 Claims. (Cl. 62—108.5)



1. The combination with a cooling device having supporting means adapted to carry supportable means in heat-exchange relationship with said cooling device, of means comprising a wedge carried by said supporting means and shiftable thereon between said supporting and supportable means in order to break an ice bond therebetween.

2,107,286
ROCK OR EARTH DRILL BIT
John P. Cunningham, Kingman, Ariz.
Application October 7, 1936, Serial No. 104,509
2 Claims. (Cl. 255—64)



1. A drill bit comprising a body having an active cutting end, cross cutters integral with the cutting end of the body and each of triangular shape in cross section and each slotted to define closely related and spaced cutting edges, and peripheral cutters formed on said body.

2,107,287
LIQUID DEGREASING COMPOSITION
Alton F. Curran, Malden, Mass., assignor to The Curran Corporation, Malden, Mass., a corporation of Massachusetts
No Drawing. Application January 10, 1936, Serial No. 58,535
5 Claims. (Cl. 87—5)

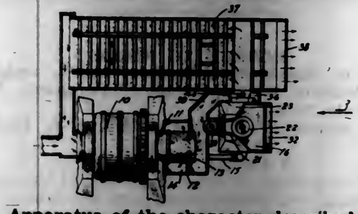
1. A liquid degreasing composition of a substantially stable and physically homogeneous character comprising water-soluble "Tallol" soap, liquid hydrocarbon grease solvent, and alkali-metal phenolate, the liquid hydrocarbon grease solvent content of said composition ranging from about 25% to 75% of the weight of its "Tallol" soap content but said composition being capable of being diluted greatly with more of said liquid hydrocarbon grease solvent while retaining its substantial stability and physical homogeneity.

2,107,288
LIQUID COMPOSITION FOR DEGREASING SURFACES AND PROCESS OF PREPARATION
Alton F. Curran, Malden, Mass., assignor to The Curran Corporation, Malden, Mass., a corporation of Massachusetts
No Drawing. Application January 11, 1936, Serial No. 58,758
9 Claims. (Cl. 87—5)

1. A substantially anhydrous, alkaline liquid composition for degreasing and cleaning purpose, said composition being possessed of homogeneity and stability characteristics comparable to those of a true solution and comprising water-soluble soap, alkali in free, water-soluble condition and combined as phenolate, and liquid hydrocarbon grease solvent, said composition being substantially devoid of water other than that incident to the formation of said soap and phenolate.

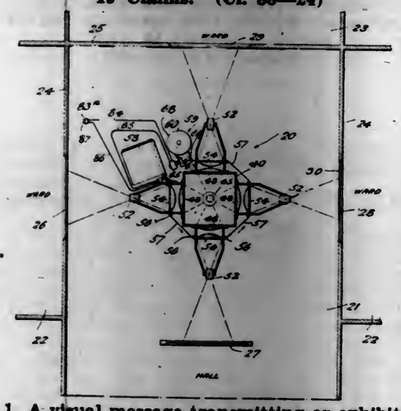
8. A process of preparing an alkaline, substantially homogeneous and stable liquid composition for degreasing and otherwise conditioning surfaces, which comprise admixing with liquid, fatty-acid-containing, soap-forming substance a substantially anhydrous organic liquid solvent containing dissolved therein water-soluble alkali in a form combinable with said substance to form water-soluble soap and in amount in excess of that necessary for saponifying said substance; said organic liquid solvent being miscible with the other ingredients of the resulting composition; and diluting the resulting liquid composition with liquid hydrocarbon grease solvent compatible therewith.

2,107,289
CONCENTRATION OF MINERALS
John J. Denny, Schumacher, Ontario, Canada, and Arthur C. Daman, Denver, Colo., assignors, by mesne assignments, to Mining Process and Patent Company, a corporation of Delaware
Application October 29, 1934, Serial No. 750,442
10 Claims. (Cl. 209—12)



1. Apparatus of the character described comprising in combination a pulp cell having adjacent its bottom a rotary impeller carried on a vertical shaft, means for feeding pulp to the cell and discharging it in the cell at a point over the impeller, said impeller having a closed bottom so that all pulp delivered to the impeller must pass through and be acted upon thereby before reaching the body of the pulp in the cell, means for feeding air to the impeller to be incorporated thereby in the pulp, said cell having a pocket in its bottom below and closely adjacent said impeller to receive oversize particles of ore too heavy to be elevated by the pulp currents generated by said impeller, said impeller having vanes on its under surface to develop a pulsating to carry entrapped sands from said pocket.

2,107,290
PROJECTING APPARATUS AND SYSTEM
August D. Eitzen, Rockville Centre, N. Y., assignor to News Projection Corporation, New York, N. Y., a corporation of New York
Application March 20, 1930, Serial No. 437,304
Renewed September 26, 1936
19 Claims. (Cl. 88—24)

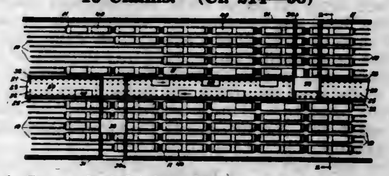


1. A visual message transmitting or exhibiting system, comprising a transmitter and a plurality of distributed projecting mechanisms each including a tape printer, a source of light, a plurality of sets of projecting lenses in generally radial arrangement about said light-source, and a plurality of screens each positioned to receive the projected beam from one of the lens sets, and means for automatically advancing the tape from the printer to and through the projector in accordance with the action or rate of operation of the transmitter, the printers being included in an electrical circuit with, and arranged for simultaneous operation by, said transmitter.

2,107,291
TREATMENT OF HYDROCARBON OIL
Seymour W. Ferris, Aldan, Pa., assignor to The Atlantic Refining Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application April 19, 1935, Serial No. 17,262
20 Claims. (Cl. 196—13)

1. In the art of refining mineral oils, the process which comprises separating a viscous oil containing paraffinic and naphthenic hydrocarbons into fractions respectively richer in paraffinic and naphthenic compounds by extracting said oil with a selective solvent for naphthenic hydrocarbons, said solvent containing a polyhydroxy cyclic compound in sufficient quantity to substantially increase the miscibility temperature of said selective solvent with said oil.

2,107,292
FREIGHT HANDLING APPARATUS
Benjamin F. Fitch, Greenwich, Conn., assignor to Motor Terminals Company, New York, N. Y., a corporation of Delaware
Application January 22, 1934, Serial No. 707,707
15 Claims. (Cl. 214—38)

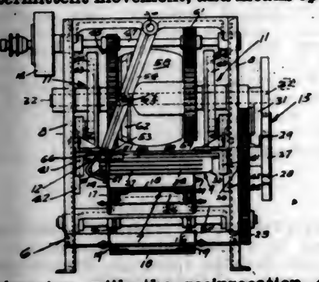


14. In a freight-handling apparatus, including two groups of vehicle supporting tracks, the combination of a pair of conveyors mounted between said groups, means respectively driving the same in a manner to move demountable bodies thereby in opposite directions parallel with tracks, and a traveling crane adapted to transfer a demountable body from a vehicle on one of the tracks onto either conveyor.

2,107,293
MACHINE FOR DICING FRUIT AND THE LIKE
Herbert E. Gray, San Jose, Calif.
Application October 12, 1931, Serial No. 568,293
21 Claims. (Cl. 146—78)

2. In an apparatus of the character described, a conveyor, a reciprocating cutter above the conveyor to cut the material carried by said conveyor, guides through the cutter, a set of blades movable through said guides across the cutter to cut transversely through the material confined in said cutter, means to intermittently move the conveyor so that each movement of the conveyor advances the conveyor surface to a distance substantially equal with the length of the cutter,

means operated in synchronism with the conveyor to lower the cutter onto the conveyor after each intermittent movement, and means operated



in synchronism with the reciprocation of the cutter to swing the set of transverse blades across the cutter when the latter is in cutting position on the conveyor.

2,107,294
PRINTING MEMBER AND METHOD OF PRODUCING SAME
Wade E. Griswold, New York, N. Y.
Application June 30, 1936, Serial No. 88,099
8 Claims. (Cl. 41—43)



4. A method of making a photogravure printing plate from a metal member having a surface layer of a first metal, which consists in applying a resist to the outer surface of said surface layer and in accordance with the shape of the walls of cells which are to be etched in said surface layer, then etching the exposed portion of said surface layer so as to form etched cells therein having laterally continuous walls made of said first metal, then filling the etched cells with a second metal while preventing any deposit of the second metal on the outer surfaces of said lateral cell walls, then removing the resist, then applying a print resist to said outer surface, and then etching only the second metal in accordance with the varying tone of said print resist.

2,107,295
BRAKE LINING AND METHOD OF MAKING SAME
Jesse G. Hawley, Painted Post, N. Y., assignor to Hawley-Jones Corporation, Riverside, N. Y., a corporation of New York
Application August 26, 1933, Serial No. 687,009
9 Claims. (Cl. 139—420)



1. A brake lining provided on one side thereof with graphite to reduce its coefficient of friction on that side, the other side of said lining being free of said material.

2,107,296
TRUCK
Jesse F. Holloway, Aldan, Pa.
Application August 25, 1934, Serial No. 741,357
9 Claims. (Cl. 105—190)

1. A railway truck comprising, in combination, a truck frame, a swing bolster, means for supporting said bolster including longitudinally spaced auxiliary springs supported by said frame, a pivot pin supported on said springs, a pair of swing links supported on said pin and extending



downwardly between said springs, a spring plank, main springs interposed between said plank and bolster, and means for pivotally supporting the lower end of said links to said spring plank.

2,107,297
BLEACHING FIBER
Hans O. Kauffmann, Buffalo, N. Y., assignor to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y.
No Drawing. Application March 8, 1934, Serial No. 714,735
3 Claims. (Cl. 8—2)

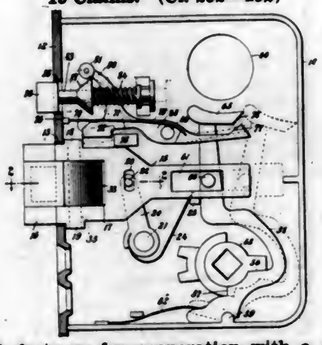
1. The process of bleaching goods of the group consisting of artificial, animal and vegetable fibers which comprises saturating the fibers with a bleaching solution comprising a high concentration of peroxide, eliminating the excess of the bleaching solution from the fibers so that the goods are damp, thereafter stacking the goods to maintain the fibers damp, and permitting the fibers to bleach in the damp condition.

2,107,298
INSECTICIDE
Lowell B. Kilgore, Washington, D. C., assignor to Kilgore Development Corporation, East Falls Church, Va., a corporation of Virginia
No Drawing. Application March 27, 1934, Serial No. 717,676
11 Claims. (Cl. 167—22)

1. An insecticide comprising in solution an organic compound the molecular structure of which has the following tautomeric grouping as an integral part thereof;

$$-CO-CH_2-CO \rightleftarrows -CO-CH=C(OH)-$$

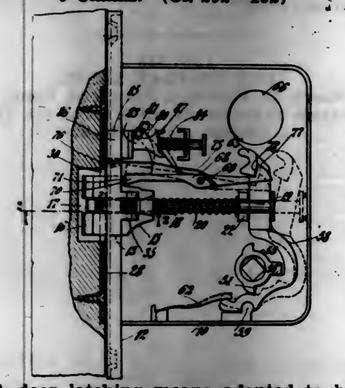
2,107,299
LATCH
Howard M. Kilpatrick, New York, N. Y.
Application May 20, 1929, Serial No. 364,650
Renewed January 16, 1933
19 Claims. (Cl. 292—192)



2. A fastener for cooperation with a striking plate having an opening provided with a rear

locking shoulder, said fastener comprising a casing having a face plate having an opening; a lever in said second opening having one end of the lever pivotally connected with said casing, the opposite end being free; said lever having an overhanging part adapted to engage behind said rear locking shoulder; the pivot end and the free end of the lever having projecting shoulders engaging the inner face of said face plate when the lever is projected.

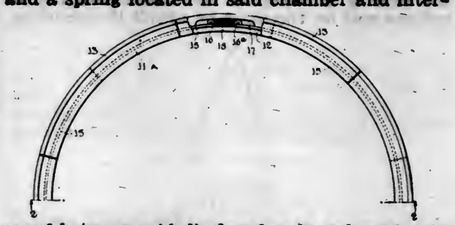
2,107,300
JIMMYPROOF LOCK-LATCH
Howard M. Kilpatrick, New York, N. Y.
Application July 27, 1932, Serial No. 625,123
9 Claims. (Cl. 292—192)



1. A door latching means adapted to be secured to a door for use with a striking member having an outer engagement portion facing in door opening direction and at the part most remote from said portion an inner shoulder facing away from the door, said member having a locking edge facing in door closing direction between said shoulder and said portion; said latching means comprising a casing; a yieldably projected member carried by the casing and engageable with said engagement portion as the door moves to closing position to automatically retract the member into the casing as the casing moves to latching position; said member being engageable with said locking edge and having a projection disposable far behind said shoulder when the member is projected and the casing is in latched position; and means for positively holding said member behind said shoulder.

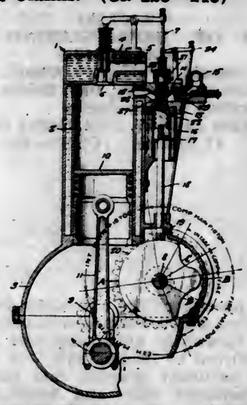
2,107,301
PISTON RING
Emil A. Koether, Baltimore, Md., assignor, by mesne assignments, to Koppers Company, a corporation of Delaware
Application August 1, 1935, Serial No. 34,277
10 Claims. (Cl. 309—44)

1. A piston ring comprising two annuli standing in facewise relation, said annuli being free to move relatively to each other, and said annuli each having a groove in the adjacent faces thereof forming a channel extending through the ring, said channel terminating in an enlarged chamber; a non-resilient restraining element mounted in said channel, said element having its ends extending into said chamber and displaced with reference to the body of the element and also to the channel so as to limit the bodily endwise movement of said element by contact of said displaced ends with the end walls of the chamber; and a spring located in said chamber and inter-



posed between said displaced ends and serving to spread the ends apart.

2,107,302
IGNITION APPARATUS
Victor A. Le Blanc, New Orleans, La., assignor of one-twentieth to William H. Hartsen, New Orleans, La.
Application November 12, 1935, Serial No. 49,427
2 Claims. (Cl. 123—143)

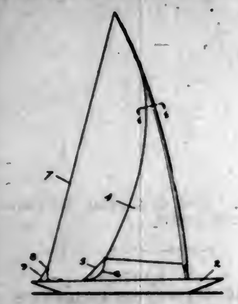


1. In combination with an internal combustion engine, a fuel compressing and firing cylinder mounted on said engine, a head for said cylinder and having a fuel passage connected at one end with the engine and connected at the other end with a fuel intake manifold, a cage mounted in said head and communicating with the cylinder and passing through the fuel passage and having ports aligning with said passage to permit fuel from one end of said passage to pass to the other end of said passage and to enter said cylinder, a valve mechanism controlling the communication of the cage with said cylinder and for controlling the ports of the cage, a timing mechanism for operating the valve mechanism and driven by the engine, and a piston driven by the engine and operating in the cylinder for compressing and firing fuel in said cylinder and thereby ignite fuel in the engine.

2,107,303
RIG FOR SAILBOATS
Fredrik Ljungström, Lidingo Brevik, Sweden
Application September 11, 1935, Serial No. 40,014
In Sweden September 17, 1934
15 Claims. (Cl. 114—106)

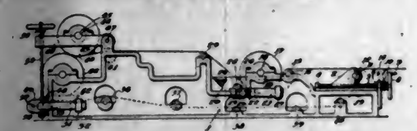
1. In a boat, a sail rig comprising a single mast, means pivotally mounting the mast in the boat for rotation about the axis of the mast, a

sail carried by said mast, and means for rotating the mast a plurality of revolutions whereby to roll the sail on the mast or unroll it therefrom,



the portion of said mast above the level of the lower marginal portion of the sail being free from exterior support against lateral movement.

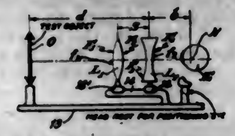
2,107,304
PROCESS OF IMPREGNATING FIBROUS MATERIALS
Imader J. Novak, Bridgeport, Conn., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn., a corporation of New Jersey
Application June 27, 1934, Serial No. 732,607
11 Claims. (Cl. 92—40)



6. In a process of the character described, the improvement which comprises incompletely saturating a forwardly advancing wet fibrous web with a saturant by feeding said web into contact with said saturant, passing said saturated web between pressure rolls and winding said web upon itself on one of said rolls in the presence of an excess of the saturant expressed from said web whereby to cause an interfelting of the adjacent plies.

2,107,305
ADJUSTABLE LENS SYSTEM
Kenneth N. Ogle, Hanover, N. H., assignor to Trustees of Dartmouth College, Hanover, N. H., a corporation of New Hampshire
Application March 2, 1934, Serial No. 713,701
10 Claims. (Cl. 88—20)

7. A device of the character described for testing or exercising ocular defects involving the magnification of an ocular image of a test object observed at a given distance from the eyes, comprising a lens support, means for holding separate test lens elements arranged on said support for adjustment relatively to each other in alignment for observation of said test object through such lens elements, a lens system having two lens elements each mounted on respective ones of said holding means and each formed of lens medium of a given index of refraction and having surface powers computed according to said indices and according to the spaced relation of said elements, with the surfaces of each of said elements being dependent upon the other, said object distance and the distance of said system from the eye, to produce at certain values of separation, within the range of said adjustment of said holding means on said support, varying magnifications of said ocular image while maintaining the vergence power of said system within



physiologically substantially ineffective limits, and means operatively associated with said holding means for indicating the amount of said ocular image magnification corresponding to said separation values.

2,107,306
SHOE DISPLAY EASEL
Morris D. Pellinger, Stamford, Conn.
Application November 24, 1936, Serial No. 112,477
5 Claims. (Cl. 211—37)



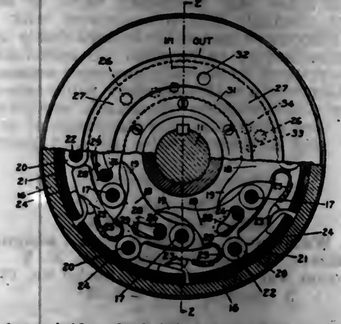
1. A shoe display easel including an elongated body of sheet material upon one surface of which the tread portions of the shoe are adapted to rest, rearwardly directed prop means for supporting the same at an angle to a supporting surface, and oppositely disposed upstanding lugs on opposite side edges of said body, spaced above the lower supporting edge thereof and having their inner surfaces diverging towards the upper end of the body for engagement with the opposite sides of the arcuate rear portion of the shoe heel.

2,107,307
POLYHYDROXY POLY SECONDARY ALKYL PHENOL GERMICIDES
Albert L. Rawlins, Detroit, and Herbert C. Hamilton, Grosse Ile, Mich., assignors to Parke, Davis & Company, Detroit, Mich., a corporation of Michigan
No Drawing. Application September 18, 1933, Serial No. 690,026
19 Claims. (Cl. 260—154)

1. A germicide comprising essentially a polyalkyl polyhydroxy phenol having two secondary alkyls with the same number of carbon atoms greater than four, a viscous liquid only slightly soluble in water but quite soluble in alcohol, ether and acetone and possessing high phenol coefficient toward *Staphylococcus aureus* and *Streptococcus hemolyticus*.

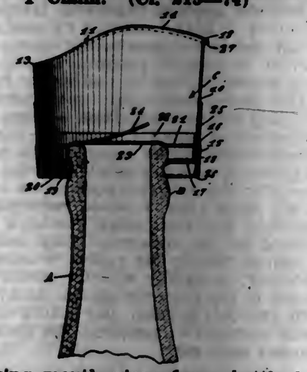
9. Di secondary hexyl resorcinol.
10. Di secondary heptyl resorcinol.
11. Di secondary amyl pyrogallol.

2,107,308
CLUTCH
Grover C. Reyne, Vallejo, Calif.
Application August 20, 1936, Serial No. 96,926
6 Claims. (Cl. 192—105)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A centrifugal clutch comprising a rotatable spool carried by a driving shaft; a rotatable drum carried by a driven shaft and surrounding said spool; a plurality of levers carried by said spool; and a plurality of friction shoes carried by said levers for movement into driving engagement with said drum under centrifugal force produced by the rotation of said spool, said shoes being engageable with one another to cause them to move in unison.

2,107,309
DRINKING MOUTHPIECE FOR BOTTLES OR THE LIKE
Charles H. Smith, St. Petersburg, Fla.
Application April 10, 1937, Serial No. 136,202
1 Claim. (Cl. 215—74)

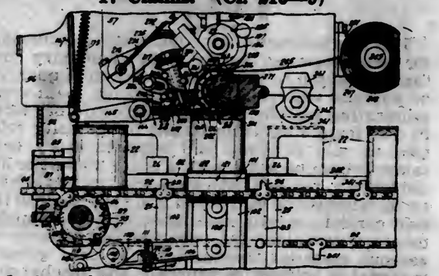


A drinking mouth piece for a bottle having an external annular rim and a spaced bead contiguous to its mouth, comprising a slightly tapered substantially cup-shaped body formed with a serpentine edge for effecting a mouth engaging area, an opposite upper lip seating area and opposed arched cheek contacting areas, respectively, an inwardly turned annular flange at the opposite smaller end of the body for effecting an internal seat therein, a rimmed coupling head telescoped over the flanged smaller end of the body and having its rim exteriorly of the latter, the said head having a central circular opening formed with a flexing edge for frictionally embracing the bottle mouth between the rim and bead thereof and separably coupling the body and bottle together, an abutment disk interiorly of the body and at rest upon the flange of the head and having an annular out-turned flange fixedly engaged with the inner surface of said body, said abutment disk having a central discharge opening for registry with the bottle mouth with the edge of said latter opening contacting with the rim of the bottle mouth, and an out-turned flow control baffle formed with said abutment disk and arranged at the last-mentioned opening.

2,107,310
ALLOYS
Johann Simon Streicher, Newark, N. J., assignor to American Platinum Works, Newark, N. J., a corporation of New Jersey
No Drawing. Application March 21, 1936, Serial No. 70,112
4 Claims. (Cl. 75—172)

1. An alloy consisting of 60% of palladium, 30% of platinum and 10% of gold.

2,107,311
KEY ATTACHING MACHINE
John C. Strickler, San Francisco, Calif., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application December 24, 1936, Serial No. 117,631
17 Claims. (Cl. 216—9)



1. A machine for attaching keys to containers, the combination of a key feeding device, and a tape feeding device, said feeding devices arranged to deliver a key and the tape into assembled relation onto a container with the tape over the top of the key for securing it in place on the container.

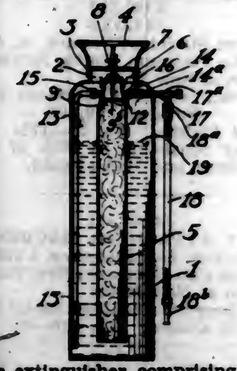
2,107,312
ATTACHMENT FOR APPREHENDING MOTOR VEHICLES
Joseph W. Thompson, Portland, Oreg.
Application February 25, 1936, Serial No. 65,736
11 Claims. (Cl. 280—33.15)



11. An attachment for motor vehicles whereby such vehicle may be connected at will with an advance vehicle, including a tubular member mounted on the vehicle, levers pivotally connected in diametrically opposed relation on the member, the ends of the levers extending within the member, a plunger movable longitudinally of the member to engage the ends of the levers within the

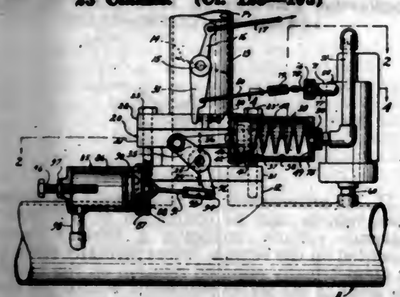
member and move the opposing ends of the levers into operative position, and an impact member connected to the plunger and arranged in advance of the member to engage a portion of the advance vehicle and compel lever operative movement of the plunger.

2,107,313
HAND OPERATED FIRE EXTINGUISHER
Radcliffe M. Urquhart, Philadelphia, Pa.
Application September 7, 1934, Serial No. 743,031
6 Claims. (Cl. 169—31)



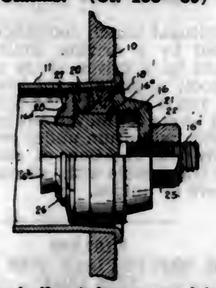
5. A fire extinguisher comprising a container for foam forming liquids, a supplementary container adapted to hold under pressure a quantity of gaseous materials, a conduit for foam communicating with the liquids in the container when in use, foam stabilizing means in operative relation to said conduit, said supplementary container communicating with a space above the liquid when in use and with an ejector means adapted to exhaust the said liquid and said gas into the said conduit, means associated with the supplementary container for releasing the pressure of gaseous material therein whereby said gaseous material is utilized to generate and discharge a fire extinguishing foam.

2,107,314
MEANS FOR AUTOMATICALLY CONTROLLING FLOW OF FUEL MIXTURE TO INTERNAL COMBUSTION ENGINES
Albert G. H. Vanderpoel, Wilmar, Calif., assignor of one-third to James O'Laverty and one-third to David E. Seward, both of Los Angeles, Calif.
Application November 14, 1936, Serial No. 110,874
23 Claims. (Cl. 123—103)



1. In combination with an internal combustion engine carbureter having a throttle valve, and the intake manifold to which said carbureter is connected: a secondary valve located in the connection between said throttle valve and the intake manifold; suction responsive means actuated by the abnormally high depression in the intake manifold which attends closure of the throttle valve with the engine running at above idling speed to move said secondary valve to closed position; yieldable means associated with said suction responsive means for automatically opening said secondary valve when the manifold depression returns to normal; governor means operable to actuate said secondary valve only to a partially closed position when said throttle valve is open, and means limiting the range of actuation of said secondary valve by said governor means.

2,107,315
PLUG FOR TUBES
Walter Wainwright, Brooklyn, N. Y., assignor to Harry W. Hardie, New York, N. Y.
Application November 25, 1936, Serial No. 112,790
5 Claims. (Cl. 138—89)

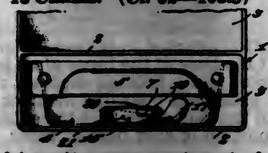


1. A plug for boiler tubes comprising, in combination, a swedge block including a body portion, a wedge portion at one end thereof, and a threaded bolt portion extending from the other end thereof, a gasket carried by said body portion and operative upon compression in the direction of its axis to expand radially, plug anchoring means carried by said wedge portion and operative upon relative axial movement therebetween, said means comprising a segmental ring, the segments of which are movable radially from a retracted position to a position in which their outer edges are adapted to bite into the inner tube surface whereby to secure themselves to the tube, a gasket back ring disposed between the segmental ring and the gasket, the back ring being positioned by the segmental ring and having a face against which the gasket is adapted to be compressed, an axially movable pressure element operative to compress the gasket, and means carried by the bolt portion and acting through the pressure element to compress the gasket against the gasket back ring.

2,107,316
ESTER-CONTAINING LUBRICANTS AND PROCESS OF MAKING THE SAME
Peter J. Wiezevich, now by judicial change of name Peter J. Gayler, and Luther B. Turner, Elizabeth, N. J., assignors to Standard Oil Development Company, a corporation of Delaware
No Drawing. Application September 20, 1933, Serial No. 690,235
13 Claims. (Cl. 87—9)

1. An improved process for producing valuable ester type lubricants, blending oils and the like from esters both fatty and non-fatty, saturated and unsaturated, comprising the steps of polymerizing the ester by the action of high voltage electric discharge, whereby an unsaturated and unstable polymer is obtained, then stabilizing the polymer by hydrogenation.

2,107,317
REFRIGERATING APPARATUS
Henry Wiggers, Chandler, Ind., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill., a corporation
Application August 22, 1933, Serial No. 686,298
13 Claims. (Cl. 62—106.5)



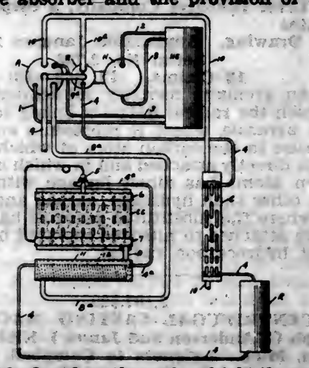
1. A refrigerating apparatus including an evaporating shelf, an ice cube tray removably supported on said shelf, and means positioned in a depression between said shelf and tray to break the adhering ice-seal or bond existing between said shelf and tray, said depression having an inclined cam surface, said means comprising a rotary cam within the depression and normally flush with the walls defining said depression and having an inclined cam surface to coact with the inclined cam surface in the depression, and means to rotate the said cam to force the two inclined cam surfaces together to force the tray out of contact with said shelf.

2,107,318
WHITE COATING ON ALUMINUM
Harold K. Work, Oakmont, and Martin Testerud, Arnold, Pa., assignors to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application August 15, 1934, Serial No. 739,926
6 Claims. (Cl. 204—1)

2. A method of producing an opaque oxide coating having a milky white color substantially resistant to permanent staining by adsorption on an aluminum surface, comprising forming an oxide coating on said surface by electrolytic oxidation in an electrolyte of the class consisting of aqueous solutions of sulfuric acid and oxalic acid, and thereafter simultaneously removing colored constituents from said oxide coating and rendering the oxide coating substantially nonporous and non-adsorbent by subjecting said oxide coating to treatment with a solution containing about 1 to 10 per cent of an aluminum salt of a strong mineral acid at a temperature above about 80° C.

2,107,319
ABSORPTION REFRIGERATING APPARATUS
Glenn F. Zellhoefer, Bloomington, Ill.
Application February 22, 1935, Serial No. 7,662
1 Claim. (Cl. 62—119)

In an absorption refrigerating apparatus including an absorber, a heater, a heat exchanger between the absorber and the heater, a cooling coil, a condenser between the heater and cooling coil, with means for passing the solution of refrigerant and solvent through the heat exchanger into the heater and means for passing the refrigerant liberated from the solution from the heater through the condenser and cooling coil to the absorber while returning the solvent from which the refrigerant has been liberated in the heater through the heat exchanger to the absorber to form solution therein with the returned refrigerant, the provision of a chamber opening into the cooling coil through which the refrigerant passes on its way from the cooling coil to the absorber and the provision of a coil



within said chamber through which the refrigerant passes on its way from the condenser to the cooling coil, whereby flooding of the cooling coil is prevented and the cooling effect produced within the chamber by the liberation of refrigerant from the solution collected therein by the passage of the refrigerant and carried over solution through the coil within the chamber reduces the temperature thereof as it leaves said coil on its way to the cooling coil.

2,107,320
REFRIGERATION
Glenn F. Zellhoefer, Bloomington, Ill.
Application December 5, 1935, Serial No. 53,027
3 Claims. (Cl. 62—118)



1. In a heater or generator for an absorption refrigeration apparatus, employing a volatile, chemically stable, halogenated hydrocarbon, forming a dense vapor in the heater, as the refrigerant, and a solvent therefor having a low surface tension, the combination of means within the heater for freeing such vaporous solvent and solution from the vaporous refrigerant distilling from the solution and allow the freed solvent and solution to descend by gravity into the heater,

said means including an eliminator spaced apart from the top of the heater comprising a plurality of closely spaced spherical bodies of glazed refractory material.

2,107,321

ORGANIC MERCURY COMPOUNDS

Carl N. Andersen, Watertown, Mass., assignor to Lever Brothers Company, a corporation of Maine

No Drawing. Application January 21, 1935, Serial No. 2,758
13 Claims. (Cl. 260—13)

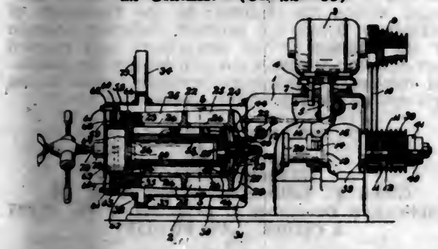
1. An aromatic mercury substituted pyrazole in which the radical RHg— is linked to a substituted pyrazole, where R represents an aromatic structure to the carbon atom of which the mercury is directly attached and in which none of the carbon atoms has direct linkage with any element other than hydrogen, carbon and mercury, and where the substituted pyrazole has any hydrogen attached to nitrogen replaced by a monovalent hydrocarbon radical.

2,107,322

CENTRIFUGAL CASTING MACHINE

Adolph G. Anderson and James I. Kibbe, Muskegon, Mich., assignors to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich., a corporation of Michigan

Application May 3, 1937, Serial No. 140,368
12 Claims. (Cl. 22—65)



1. In a machine of the class described, a rotating cylindrical housing adapted to receive an elongated flask enclosing a mold therein, a flask comprising a cylinder and a disk at each end secured thereto, the peripheral edge surfaces thereof being of tapered form, a yielding member at the inner end of said housing including a cup-like end having inner sides with surfaces of conical form corresponding to the peripheral surface of the annular disk at the inner end of the flask, said cylindrical housing at its outer end having an inner conical surface corresponding to the surface at the periphery of the disk at the outer end of the flask, and means for forcing said flask with the mold therein inwardly until the outermost disk at its edges engages with the conical surface at the outer end of the flask thereby centering the flask and holding it firmly in the housing, as specified.

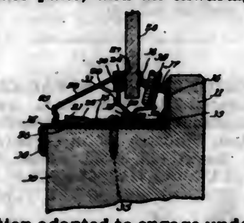
2,107,323

STORE FRONT CONSTRUCTION

John J. Bosshard, Chicago, Ill., assignor to Brasco Manufacturing Company, Harvey, Ill., a corporation of Illinois

Application August 17, 1936, Serial No. 96,371
5 Claims. (Cl. 20—56.4)

1. A store front construction comprising an inner glass pane engaging member having a base, a wall and an outwardly extending web portion, the base portion having an inclined portion on its inner side and a flange portion along its outer edge, a screw mounted in said web portion, an outer glass pane engaging member having a web portion having an inner rounded contact portion for the glass pane, and an inwardly extending



flange portion adapted to engage under the flange portion of the base of the inner glass pane engaging member, and a holding member mounted in the outer glass pane engaging member adapted to coact with the said screw and to contact with the inclined portion of said base member.

2,107,324

DISPENSING CAP

James C. Boyle, Cincinnati, Ohio

Application February 1, 1936, Serial No. 61,975
12 Claims. (Cl. 221—116)



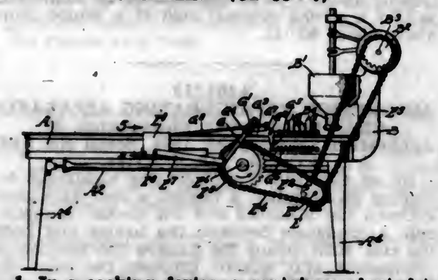
1. A dispenser cap comprising a plurality of segmental compartments having a given appreciable depth, an upper and lower closure for said compartments comprising plates, said plates being mounted on and movable by a common shaft, two segmental openings in each of said plates on opposite sides thereof, the openings in said lower plate being on a line at right angles to the line of the openings on said upper plate, an arm keyed to said shaft for movement of both the plates, stops coacting with said arm to position said plates so that the openings are all in perfect register with the segmental compartments.

2,107,325

DOUGHNUT COOKING MACHINE

Charles E. Carpenter, Chicago, Ill.

Continuation of application Serial No. 669,641, May 6, 1933. This application January 21, 1935, Serial No. 2,726
30 Claims. (Cl. 53—7)



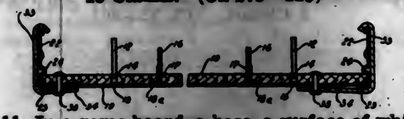
1. In a cooking device, a container adapted to receive a cooking fluid, means for heating said fluid, an endless conveyor chain and means for moving said chain through a predetermined path, and conveying flights on said chain, said flights being secured at one end only to said chain and being positioned in operative relation to articles cooking in said fluid.

2,107,326

GAME BOARD

Clarence F. Cookson, Shelton, Conn.

Application January 26, 1937, Serial No. 122,356
15 Claims. (Cl. 273—118)



11. In a game board, a base, a surface of which provides a playing field, a wall about the edges of said base and extending above the playing surface thereof, and said wall of sheet metal and including spaced portions located substantially below its upper edge and overlying the upper and lower surfaces of the base whereby the edge of the base is received between said portions.

2,107,327

METHOD FOR CEMENTING WELL CASINGS

Thomas A. Creighton, Long Beach, Calif., assignor of one-half to Jesse C. Wright, Los Angeles, Calif.

Application October 1, 1937, Serial No. 166,790
9 Claims. (Cl. 166—31)



1. The method of cementing a casing in a well comprising, depositing a body of plastic cement in the well, and then running the casing into the well to enter it in the cement.

2,107,328

TREATMENT OF STEEL

Morris G. Fowler and Lyle M. Barker, Clarkdale, Ariz., assignors, by mesne assignments, to Phelps Dodge Corporation, New York, N. Y., a corporation of New York

No Drawing. Application November 23, 1934, Serial No. 754,496
6 Claims. (Cl. 148—14)

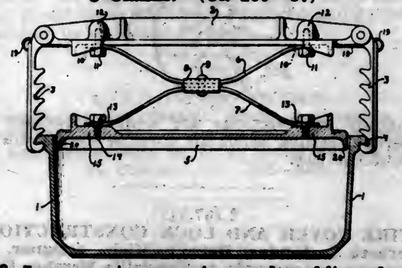
1. The method of shaping copper steel which comprises incorporating nickel in the surface portions only of the steel in such amount that the surface portions of the resulting product contain copper and nickel in proportions suitable for forming a copper-nickel alloy having a melting point substantially higher than the melting point of copper, and subjecting the resulting product to a shaping operation at a temperature higher than the melting point of copper.

2,107,329

MEAT PROCESSING AND MOLDING DEVICE

Stanley F. Gleason, Philadelphia, Pa.

Application January 13, 1936, Serial No. 58,880
Renewed August 12, 1937
3 Claims. (Cl. 100—57)



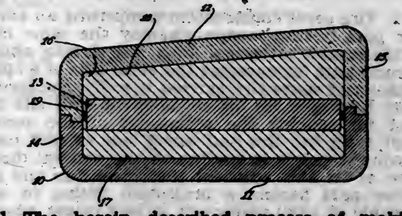
3. In a meat processing and molding device comprising a mold, a pressure plate adapted to move therein, a cross bar adapted to straddle said mold, and means carried by said cross bar for adjustable engagement with said mold, a pair of leaf-springs secured centrally to each other, the ends of one of said springs being adapted to be secured to said cross bar, and the ends of the other of said springs being adapted to be secured to said pressure plate, said pair of leaf-springs constituting means for adjustable engagement with and adapted to apply pressure to said pressure plate.

2,107,330

METHOD OF MAKING LAMINATED METAL BLANKS HAVING A LAMINATION OF VARYING THICKNESSES

Roy C. Ingersoll, Chicago, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois

Application April 30, 1936, Serial No. 77,090
13 Claims. (Cl. 29—189)



1. The herein described process of making laminated metal blanks, comprising the steps of forming a tapered laminated ingot including a preformed lamination of substantially uniform thickness, a lamination tapering in thickness cast against one side of said preformed lamination and a lamination of substantially uniform thickness cast against the opposite side of said preformed lamination and rolling said ingot on opposite sides flatwise of said laminations until said ingot is of substantially uniform thickness.

2,107,331

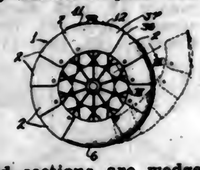
TIRE COVER

Herbert S. Jandus and Theodore J. W. Tyson, Detroit, Mich., assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich., a corporation of Michigan

Application August 11, 1930, Serial No. 474,612
9 Claims. (Cl. 150—54)

1. A tire cover for encircling the tread of a tire and means for drawing said cover into firm

engagement with the tire, said cover including a plurality of overlapped tread engaging sections connected by means of pins and inclined slots,



whereby said sections are wedged together to prevent rattling when the cover is tightly drawn about the tire.

2,107,232
TIRE COVER AND LOCK CONSTRUCTION
Herbert S. Jandus, Detroit, Mich., assignor, by mesne assignments, to Hendaille-Hershey Corporation, Detroit, Mich., a corporation of Michigan
Application December 9, 1932, Serial No. 646,447
9 Claims. (Cl. 152—54)



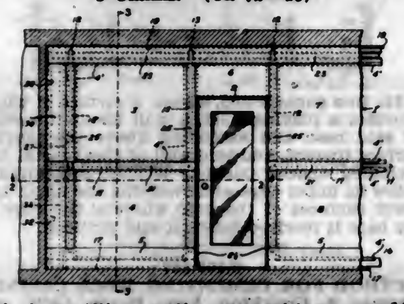
1. Tire cover construction comprising an adaptor part having means whereby the same may be releasably attached to a wheel hub and a second part for covering the outer side of a spare wheel and spare tire carried thereby, the second part having a rib for engagement with the tire and for spacing the remainder of the second part from the tire and wheel, one of said parts having a recess extending in the general direction of its axis adjacent the wheel hub and the other part having a projection fitting in and capable of axial movement in said recess, whereby said second part may be employed in connection with spare tires of different widths, and key operated means for locking one of said parts to the hub.

2,107,233
ELECTRON DISCHARGE DEVICE
Johan Ledewyk Hendrik Jonker, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application July 30, 1936, Serial No. 93,352
In the Netherlands August 14, 1935
4 Claims. (Cl. 250—27.5)



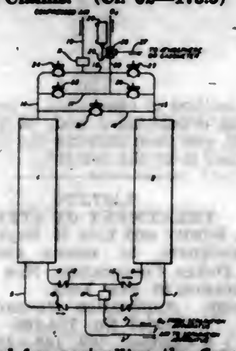
3. An electron discharge tube having an envelope containing a cathode surrounded by a signal grid and a pair of screen grids, a pair of semi-cylindrical electrically separate grid segments between said screen grids and a pair of semi-cylindrical anode segments surrounding said cathode and grids and grid segments, and registering with the semi-cylindrical grid segments.

2,107,234
PARTITION
Louis L. Lovano, Merrick, N. Y.
Application December 9, 1933, Serial No. 701,626
5 Claims. (Cl. 72—46)



4. A partition section comprising a molded block and a member of lesser width than the thickness of the block molded in the block and embracing a corner of the block, the member including a continuous central protruding portion and a recessed channel portion on each side of the protruding portion.

2,107,235
METHOD OF AND APPARATUS FOR OPERATING COLD ACCUMULATORS
Richard Linde, Munich, and Carl Peter Hochgesand, Solln, near Munich, Germany, assignors to The Linde Air Products Company, a corporation of Ohio
Application April 17, 1936, Serial No. 74,940
In Germany May 17, 1935
14 Claims. (Cl. 62—175.5)



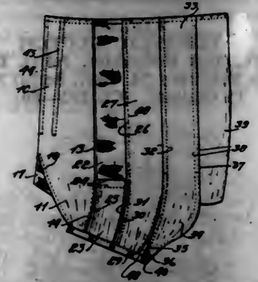
1. A method for controlling the flow of gas in a pair of cold accumulators which comprises causing two gases under different pressures to flow in opposite directions in said pair for a desired period of time the one gas flowing from the warm portion to the cold portion of one of said pair, and the other gas flowing from the cold to the warm portion of the other of said pair; stopping said flows at the end of said period; effecting a transfer of gas from the accumulator having the higher pressure to the other of said pair until the pressures therein are substantially equalized; and causing the resumption of flow in opposite directions in said pair to begin a new period of operation whereby the gas so transferred is not lost.

2,107,236
HINGED TIRE COVER FOR USE WITH FENDERWELL
George Albert Lyon, Allenhurst, N. J., assignor to Lyon Incorporated, Asbury Park, N. J., a corporation of Delaware
Application January 2, 1932, Serial No. 584,552
3 Claims. (Cl. 224—29)



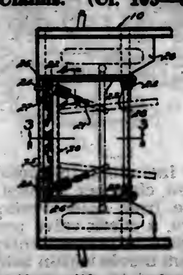
1. A spare tire cover construction for a spare tire in a fenderwell, a cover including a side portion for disposition over an outer side wall of the tire and a tread covering portion for disposition over the tread of the tire, said side portion being hinged to the fender along the outer longitudinal side of the well so as to be swung up and over the tire after the tire has been disposed in the well, and means for pressing the tire downwardly in the well and having a connection to said cover for holding the cover in position on the tire.

2,107,237
GIRDLE GARMENT
Mathilda G. Moore, St. Paul, Minn.
Application October 9, 1937, Serial No. 168,112
3 Claims. (Cl. 2—43)



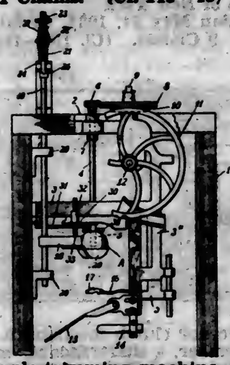
1. In a girdle, a front section having a bifurcated lower portion forming a pair of diverging leg covering members, a gore of transversely elastic webbing secured between the upper portions of the leg covering members, a back section, side sections at each side of the girdle connecting the lateral edges of the upper parts of the front and back sections, a band of elastic webbing at the lower edge of said back sections, the side sections at each side of the front section consisting of long strips of laterally elastic webbing, said elastic side sections having depending leg covering members attached to their lower ends, the remaining side sections having depending portions forming leg covering members, and a pair of elastic leg bands, the leg covering members at each side of the girdle being connected in spaced and gathered relation to a respective band.

2,107,238
CAR LOADING DEVICE
Sulo M. Nampa, Detroit, Mich., assignor to The Worth Company, a corporation of Michigan
Application July 18, 1934, Serial No. 735,772
10 Claims. (Cl. 105—368)



9. In combination with an automobile supporting frame comprising longitudinally extending members for receiving the wheels of an automobile, a pair of rods at one end of the frame extending longitudinally thereof adjacent the inner sides of said members respectively and having their ends rigidly secured to the frame, anchoring devices slidable on the rods, said rods being adapted to anchor said devices in at least one position along the respective rods for anchoring an automobile on the frame, and housing means carried by the frame between the members for receiving the anchoring devices when not in use.

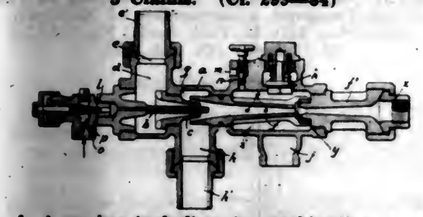
2,107,239
APPLE PARING AND TRIMMING MACHINE
John W. Pease, Rochester, N. Y.
Application July 28, 1936, Serial No. 93,068
11 Claims. (Cl. 146—45)



1. In an apple trimming machine, the combination with a rotatable spindle having apple supporting means thereon capable of a yielding axial movement but returnable automatically to initial normal position, of a stop associated with the supporting means but independent thereof and adapted to control the degree of application of an apple to the supporting means, and a

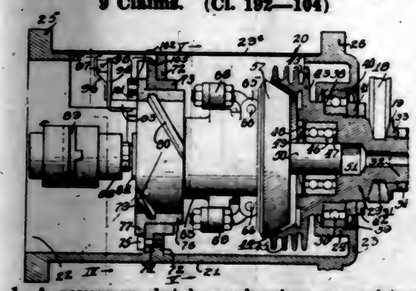
knife adapted to engage an apple on the support when the latter yields and to trim it at one end of its core when the support returns.

2,107,340
WASHER
Ireneé P. Pedrick, Philadelphia, Pa., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa., a corporation of Pennsylvania
Application October 9, 1934, Serial No. 747,559
5 Claims. (Cl. 299—84)



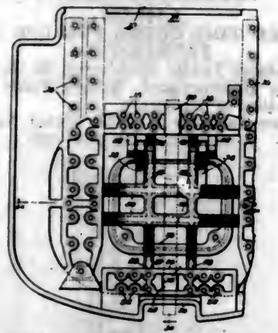
1. A washer including, in combination, a casing, an overflow chamber in said casing, a discharge passage from said overflow chamber to the atmosphere, a check valve positioned in said discharge passage to prevent entry of air therethrough, a steam nozzle within said casing adapted to be connected to a source of live steam, a forcing tube provided with a port in communication with said overflow chamber and adapted to receive steam from said nozzle, separate conduits for the supply of solvent and water to said forcing tube under the influence of vacuum created by the jet of steam from said nozzle, said conduits preventing the solvent and water from mingling until they reach the forcing tube, a second passage formed in said casing and affording communication between said overflow chamber and the atmosphere, and a needle valve adapted to regulate the amount of air flowing through said second passage.

2,107,341
GOVERNOR CLUTCH
Ralph F. Pee, Buffalo, N. Y., assignor to Houde Engineering Corporation, Buffalo, N. Y., a corporation of New York
Application May 31, 1935, Serial No. 24,307
9 Claims. (Cl. 192—104)



1. A governor clutch mechanism comprising a driving member, a shaft slidably mounted within said driving member, a driven member keyed to said shaft, means for sliding said driven member along said shaft to engage the driven member with the driving member, means operative by centrifugal force to disengage the driven member from the driving member, and means for manually sliding said shaft to control the operation of said clutch mechanism.

2,107,342
DIPPER DOOR FOR EXCAVATING BUCKETS
Thomas A. Rathkowski, Chicago Heights, Ill., assignor to The American Brake Shoe and Foundry Company, a corporation of Delaware
Application September 2, 1936, Serial No. 99,079
6 Claims. (Cl. 214—145)

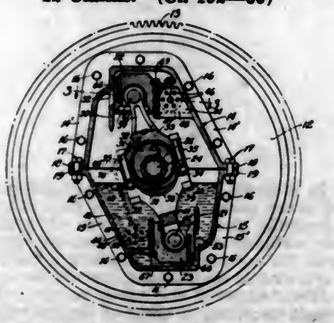


1. In a dipper door, a relief door movably carried by the main body of the dipper door, the main body of said dipper door having an opening normally closed by said relief door and bridging reinforcing means integrally formed with the main body of said dipper door and extending across said opening on the outer side of said door.

2,107,343
PROCESS OF TREATING PAPER
Chester D. Rockwood and Kenneth L. Osmun, Cincinnati, Ohio, assignors to The Union Selling Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application April 14, 1936, Serial No. 74,341
5 Claims. (Cl. 8—20)

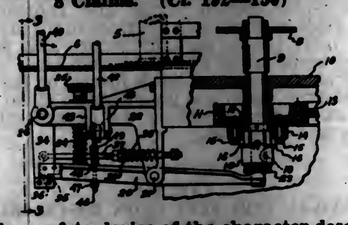
1. A method of treating paper stock to produce a parchment-like effect which comprises conducting said stock through a bath of a solution of commercial grade zinc chloride in commercial forty per cent grade formaldehyde, said solution being prepared by dissolving the zinc chloride in the formaldehyde solution.

2,107,344
HYDRAULIC CLUTCH
Frederick Redeghier, Joliet, Ill.
Application February 24, 1937, Serial No. 127,484
12 Claims. (Cl. 192—60)



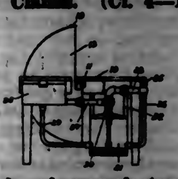
1. In a hydraulic clutch of the type described, the combination of a drive shaft, a driven shaft aligned with said drive shaft, a casing fast with said drive shaft, said casing containing a central chamber and a pair of cylinders disposed respectively on opposite sides of said chamber and open at their inner ends to the latter, plungers in said cylinders, connections between said plungers and said driven shaft operative to idle said plungers in said cylinders when the clutch is in non-driving condition and to lock said plungers to said cylinders when the clutch is in driving condition, a body of liquid in said casing, filler ports in the walls of said cylinders and overrun by said plungers through which ports liquid flows into the outer ends of said cylinders when said ports are uncovered, throttle valves controlling the return flow of liquid from the outer ends of said cylinders to said central chamber, and a pressure equalizing duct connecting the outer ends of said cylinders.

2,107,345
SAFETY DEVICE FOR CONTAINER MOVING MACHINERY
Stanley R. Rosendale, Mount Healthy, Ohio, assignor to The Karl Kiefer Machine Company, Cincinnati, Ohio, a corporation of Ohio
Application September 16, 1936, Serial No. 101,111
8 Claims. (Cl. 192—150)



1. In a safety device of the character described a shaft to be driven, driving means rotatably mounted on said shaft, a collar slidably but non-rotatably mounted on said shaft and interengagement means on said driving means and on said collar, at least one of said interengagement means being beveled so that relative rotation of said driving means and said shaft causes displacement of said collar axially of said shaft, and means for urging said collar toward said driving means with a predetermined force, said means comprising a lever and adjustable spring means bearing against said lever, a clutch, operating means for said clutch including an arm, said arm being located in a position of latching engagement with said lever when said clutch is in motion-transmitting engagement.

2,107,346
STEAM TABLE
Betsy P. Skjerven, Brooklyn, N. Y.
Application January 15, 1936, Serial No. 59,182
4 Claims. (Cl. 4—163)



1. An article of manufacture comprising a table, a hood adapted to cover a person reclining on said table and to cooperate with the table top to form a vapor bath cabinet, a hood-supporting shaft mounted on said table, hood-supporting arms mounted on said shaft, end plates mounted on said arms for movement through slots extending transversely of the table, a semi-cylindrical body member supported between said end plates and movable through a longitudinally extending slot in said table and means for moving the hood formed thereby into and out of operative position over the table.

2,107,347
REVERSIBLE HANDBAG COVER
Nathan Sloane and Max Sloane, Brooklyn, N. Y.
Application June 5, 1937, Serial No. 146,596
5 Claims. (Cl. 150—28)



4. The method of making a reversible cover for a handbag of the envelope type, including providing two members of sheet material, folding the members to provide short and long sections, disposing the folded members with the short sections against each other and with the long sections on the outside and with the fold lines alongside of each other, providing inward folds along the fold lines from the opposite ends thereof to points spaced from the central portions of the fold lines, marginally securing the members together including the inner and outer sections and the said inward folds, turning the resulting structure inside out so that the inner and outer sections become outer and inner sections respectively, and finally turning a short, now external section, inside out and so as to lie alongside of the companion short section so that both of the latter lie at one side of the long sections.

2,107,348
RINGLET CURLER
Nathan L. Solomon, Brooklyn, N. Y.
Application January 10, 1936, Serial No. 58,568
16 Claims. (Cl. 132—40)

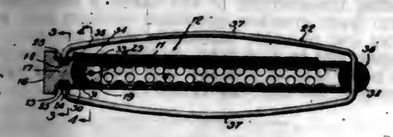


1. In a ringlet hair curler, the combination of, a handle comprising spaced extensions, and rotatable and separable jaws carried by said extensions for gripping a portion of the hair to be coiled therebetween and about said gripped portion.

2,107,349
HAIR WINDER
Nathan L. Solomon, Brooklyn, N. Y.
Application July 23, 1936, Serial No. 92,205
14 Claims. (Cl. 132—41)

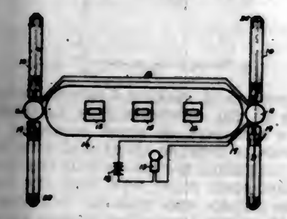
1. In combination, a bearing, a bushing having an annular raceway, a loop swingably connected to said bearing and having relatively enlarged terminals disposed in said raceway for guiding displacement of said bushing relative to said

bearing, hair clamping components connected to said bushing, a compressible stay mounted on said loop and adapted to removably interlock with



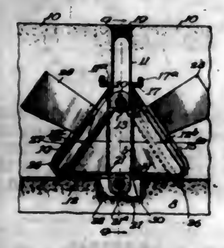
one of said components, and compression means carried by said bushing for normally holding said complements closed.

2,107,250
SIGNAL DEVICE
John Thomas Stubbins, Youngstown, Ohio
Application June 19, 1936, Serial No. 86,118.
14 Claims. (Cl. 200—86)



1. In combination with a flexible collapsible pneumatic tube, means for securing one end of said tube to the surface of a roadway comprising a plate having a lower portion to engage the surface of the roadway and upstanding flanges adapted to be swaged over to engage the side walls of the tube, said flanges being spaced from the end of the tube, a strap hinged at one end to said bottom portion and extending beyond the end of the tube, and means to secure the other end of the strap to the roadway.

2,107,251
JOINT FOR CONCRETE STRUCTURES
Henry A. Taubenseo, Chicago, Ill., assignor of one-half to Ernest H. Geyer, Chicago, Ill.
Application November 1, 1935, Serial No. 47,743
12 Claims. (Cl. 94—18)



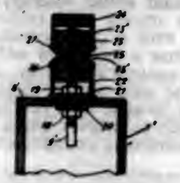
1. The combination of contiguous horizontally extending concrete slabs, a bar between the upper portions of the slabs extending from one side of the slabs to the other depending and supported by portions of the slabs, separately formed hangers spaced along and carried by the bar, and load-transfer brackets having members bonded to one of the slabs and base-members slidably supported by the hangers.

2,107,252
PHOTOTUBE
Marten Cornelis Teves and Jan Hendrik de Boer, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application March 10, 1936, Serial No. 68,015
In Germany March 14, 1935
5 Claims. (Cl. 250—27.5)



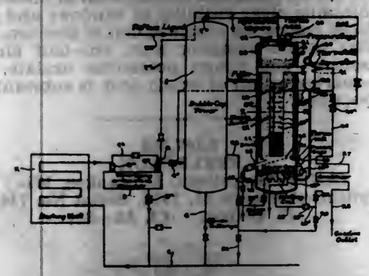
1. The method of manufacturing a photoelectric cathode for a light sensitive device having an envelope and an electrode positioned within said envelope, comprising forming a non-photoelectric metal and photoelectric-metal-oxide base within said envelope, releasing a getter material within said envelope, establishing a discharge between the non-photoelectric metal and photoelectric metal oxide base and said electrode in the presence of an inert gas to partially reduce said photoelectric metal oxide whereby a thin layer of adsorbed photoelectric metal is formed on the non-photoelectric metal and photoelectric metal oxide base, said getter absorbing the oxygen released during said discharge.

2,107,253
LEAD-IN FOR ELECTRON DISCHARGE DEVICES
Hans Vatter, Berlin-Charlottenburg, Germany, assignor to Siemens & Halske Aktien-Gesellschaft, Berlin-Siemensstadt, Germany, a corporation of Germany
Application January 16, 1935, Serial No. 2,060
In Germany January 25, 1934
2 Claims. (Cl. 250—27.5)



1. An electron discharge device having a metal envelope provided with an aperture, an insulating bushing in said aperture having lips engaging opposite sides of the envelope, a rigid lead-in extending thru said envelope and supported by said bushing on said envelope, means for securing said bushing and said lead-in to said envelope for providing a mechanical support for said lead-in, said envelope having a collar-like extension surrounding said lead-in on the exterior of the envelope, a cap on the outer end of said lead-in and an insulating cylinder surrounding said lead-in and having a metal coating on its opposite ends and filling the space between said lead-in and said collar-like extension, said cap and said collar-like extension being soldered to the metal coating on said insulating cylinder to form a vacuum tight seal for said lead-in.

2,107,254
APPARATUS FOR DECOLORIZING OR DESULPHURIZING HYDROCARBONS
James M. Wadsworth, Tulsa, Okla.
Application December 20, 1933, Serial No. 327,446
22 Claims. (Cl. 196—28)



1. In an apparatus of the class described, a chamber containing a catalyst, a perforated screen in the chamber supporting the catalyst, a cross pipe near the upper end of said chamber for the discharge of filtered vapors from the chamber, a pipe arranged within the chamber and extending downwardly from said cross pipe, a vapor outlet arranged at the lower end of the downwardly extending pipe and formed by perforated walls of the last mentioned pipe, means for introducing vapors into the top of said chamber, and means for discharging polymers from the lower portion of said chamber.

19. In combination, a shell, a column arranged within said shell and forming a chamber therewith, means within said chamber for supporting solid adsorptive treating material for free drainage, said chamber having communication with the lower portion of said column, a vapor inlet into said chamber, a vapor outlet from said column, and means within said column for removing polymers entrained in the vapor passing through the column.

2,107,255
CLOSURE FOR COLLAPSIBLE TUBES
Friedrich Winkler, Toronto, Ontario, Canada
Application October 6, 1937, Serial No. 167,522
3 Claims. (Cl. 221—60)



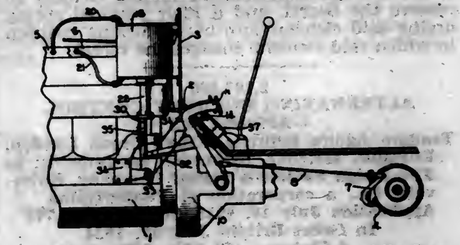
1. In combination, a collapsible tube having a neck and a discharge orifice opening therethrough, an edge portion of the neck defining said opening having a lip and an opposite edge portion having a recess of an arcuate cross section, a jaw closing said opening and having an edge portion forming a lip engaged with the aforesaid lip and having an opposite edge provided with a boss of a similar cross section to the said recess and seated therein to hingedly mount the jaw on the neck without physical connection therewith, and a spring band fitted over the jaw and secured to the neck such as to retain the boss in the recess and to tension the lip of the jaw against that of the neck.

2,107,256
DISPLAY DEVICE FOR WEARING APPAREL
Mervyn F. Wittenberg, Rochester, N. Y.
Application March 12, 1934, Serial No. 715,114
11 Claims. (Cl. 35—56)



1. A display device of the character described embodying in combination a body element simulating a body garment and provided with a necktie shaping means embodying two upwardly diverging walls and a horizontal wall connecting the lower ends thereof, of a necktie support about which a necktie may be folded and movable relatively to the body element to bring a tie so supported into cooperation with the shaping means to simulate a knot.

2,107,257
VACUUM ACTUATED AUTOMOBILE CONTROL
Garfield A. Wood, Detroit, Mich.
Application June 16, 1932, Serial No. 617,561
Renewed July 15, 1937
4 Claims. (Cl. 192—.01)

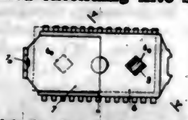


1. The combination with an automobile having a clutch operator and an engine accelerator, of a power device connected to actuate said clutch operator, means to control actuation of said power device, a pedal arranged to actuate said engine accelerator, connections between said pedal and said control means whereby movement of said pedal actuates said control means, and yieldable means associated with said connections arranged to permit movement of said pedal without actuation of said control means.

2,107,258
SAFETY RAZOR
Marco Aglietto, Turin, Italy
Application April 16, 1935, Serial No. 16,989
In Italy May 7, 1934
3 Claims. (Cl. 30—44)

1. Safety razor comprising in combination, a handle, a guard, a blade on said guard being formed with a cutting edge and with a square hole, the sides of which extend at an acute angle to the cutting edge of said blade, and a pair of

resilient tongues mounted on said handle at a similar angle and extending into said hole so as



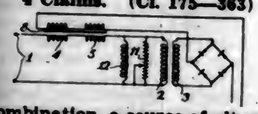
to guide said blade for reciprocatory movement on said handle in a direction at an acute angle to the cutting edge of said blade.

2,107,359
BARREL-HOLDING DEVICE FOR AUTOMATIC PISTOLS
Ernst Altenburger, Oberndorf on the Neckar, Germany, assignor to Mauser-Werke A-G., Oberndorf on the Neckar, Germany, a joint-stock company of Germany
Application December 9, 1935, Serial No. 53,645
In Germany May 6, 1935
3 Claims. (Cl. 42—75)



1. A pistol comprising a frame, a barrel removably mounted in the frame and having a recess in the periphery thereof and a trigger guard forming a part of said frame and defining an opening therein, a barrel-locking element movably mounted in the frame and extending approximately tangentially to a side of said opening but intersecting the opening sufficiently for manual manipulation of said element to remove the barrel, and a high powered spring urging said element into barrel-locking position in which said element engages the recess.

2,107,360
ALTERNATING CURRENT CONTROL APPARATUS
Teodoro Adolfo Behrens, King's Cross, London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application July 16, 1935, Serial No. 31,743
In Great Britain July 17, 1934
4 Claims. (Cl. 175—363)



1. In combination, a source of alternating current, a rectifier for supplying current to a load, a transformer having its input winding energized from said source and having its output winding connected across the input terminals of said rectifier, a choke coil and a resistor connected in parallel with each other across the input winding of said transformer for causing an initial current to be furnished from said source at such time as the load on the output circuit of said rectifier is zero, a saturable reactor having its impedance winding included in the input circuit of said transformer between said source and said choke coil and resistor connection, and a control winding of said reactor connected in the output circuit of said rectifier for controlling the saturation of said reactor in accordance with the current supplied to said load.

2,107,361
ANTIFOGGING COMPOSITION
James T. Benten, Spokane, Wash.
No Drawing. Application April 27, 1937, Serial No. 139,261
1 Claim. (Cl. 134—27)

The herein described composition of matter for maintaining clear visibility of windows and glass surfaces, consisting of one gallon of glycerin, one-quarter pound camphor gum, one-half pint of turpentine, one pound potassium oxalate, and one-quarter pound of oxalic acid, is substantially as described.

2,107,362
REFLECTOR
Carl V. Bergstrom, Milwaukee, Wis.
Application March 21, 1934, Serial No. 716,579
16 Claims. (Cl. 88—82)



1. In a device of the character described, the combination of a button lens having an annular flange, a reflector, and a rubber casing having a socket in which said reflector and lens are mounted and fitted, said socket having an annular groove adapted to receive said flange, said reflector retained in position by said lens and the tensioned engagement of the bottom of said socket.

2,107,363
CLIMBING DEVICE FOR SKIS
Anna Binder, Buchau, Germany
Application September 4, 1936, Serial No. 99,338
In Germany January 18, 1935
1 Claim. (Cl. 280—11.13)

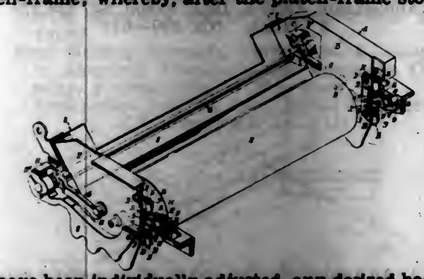


A climbing device for skis, comprising a sleeve member transversely secured on the upper surface of the ski, a frame member being composed of an upper transverse element across said upper surface arranged in said sleeve, a first downhanging side element at one end of said upper element, a lower transverse element underneath the ski, and a second side element pivoted on the free end of said lower transverse element, a releasable connection between the free ends of said upper transverse element and said second side element, of said frame respectively, a grip member secured on said lower transverse element having a base surface adapted to rest against the lower surface of the ski and a pointed end opposite thereof, said upper transverse element being adapted to be moved out of, or into, said sleeve element by a sliding motion when said connection is released and said second side element is turned below the lower surface of the ski on its pivoted connection with the lower transverse element.

2,107,364
TYPEWRITING MACHINE
Ernest M. R. Berg, Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application April 19, 1935, Serial No. 17,169
12 Claims. (Cl. 197—31)

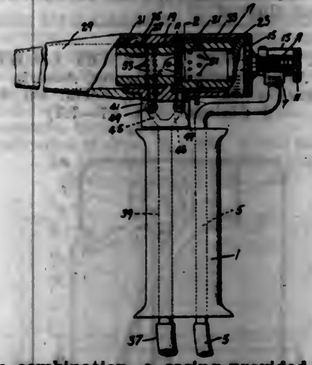
7. In a case-shifting stop-mechanism for a typewriting machine, the combination with a carriage, a platen, and a shiftable platen-frame,

of a horizontal main abutment or stop mounted upon an inclined mount at each end of the carriage, either main stop being adjustable independently along its inclined mount to raise or lower the main abutment and platen at either end, and a pair of individual stops mounted on each end of the platen-frame, for individual up and down independent adjustment, for co-operation with said main abutments to arrest the platen-frame; whereby, after the platen-frame stops



have been individually adjusted, any desired bodily readjustment of the platen-frame and platen at either end may be secured, without disturbing any individual platen-stop adjustment, by a lifting or lowering readjustment of one or both of the main abutments along their inclined mounts, the previous individual adjustment of each upper and lower platen-frame stop being maintained, notwithstanding the readjustment of the abutments.

2,107,365
HEATING APPARATUS SUITABLE FOR USE IN SHOEMAKING
William Neil Bray, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application February 11, 1935, Serial No. 5,898
In Great Britain April 21, 1934
3 Claims. (Cl. 126—110)



1. In combination, a casing provided with an internal flange, a cap closing an end of the casing and having an internal flange, a tubular member supported by the cap-flange, a second tubular member communicating with the first and supported by the casing-flange in spaced relation to said casing, the two members overlapping in contact at their adjacent ends, a perforated partition lying within one member and abutting against the end of the other member, and means for supplying gas and air to the interior of one member and air to the interior of the other member.

2,107,366
ORGANIC COMPOUNDS CONTAINING ETHER AND THIO ETHER LINKAGES
Herman A. Bruson, Philadelphia, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Application December 24, 1936, Serial No. 117,516
11 Claims. (Cl. 260—150)

5. A compound having the general formula

$$(R—A—(C_nH_{2n}—O)_x—C_nH_{2n})_2S$$

in which R is an organic cyclic group selected from the group consisting of aromatic, alicyclic and heterocyclic radicals, A is a member of the group consisting of oxygen and sulfur, x is one to two and n is two to three, the radical represented by R being attached to the atom represented by A by means of a nuclear carbon atom.

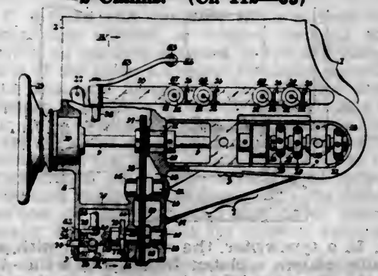
2,107,367
POLYSULPHONATES OF AROMATIC POLYALKYLENE ETHERS
Herman A. Bruson, Philadelphia, Pa., assignor to Röhm & Haas Company, Philadelphia, Pa.
No Drawing. Application January 12, 1937, Serial No. 120,180
10 Claims. (Cl. 260—150)

2. A water-soluble salt of a compound which, in the acidic form, has the general formula

$$R—O—(C_nH_{2n}—O—)_x—C_nH_{2n}—SO_3H$$
$$(SO_3H)_y$$

wherein n, x and y are small integers, n being 2 to 3; x is 1 to 2; y being 1 to 2; and R is an aromatic nucleus of the benzene and naphthalene series which can contain as a nuclear substituent a member of the group consisting of hydrocarbon, acyl, halogen, alkoxy, and nitro groups; C_nH_{2n} being an alkylene group in which at least two carbon atoms separate alternate ether oxygen atoms —O—; said salt being a member of the group consisting of alkali metal, ammonium and amine salts.

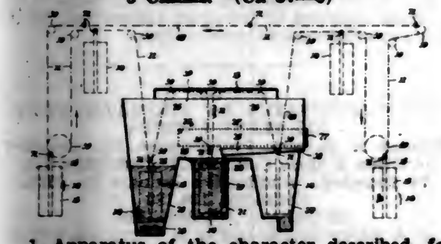
2,107,368
SEWING MACHINE
Norman V. Christensen, Chicago, and Hans Hacklander, Tinley Park, Ill., assignors to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application June 12, 1936, Serial No. 84,862
2 Claims. (Cl. 112—63)



1. In a feed-off-the-arm sewing machine, a frame having an elevated horizontal portion terminating in a hollow head, and a work supporting arm underreaching said head; a longitudinal drive shaft extending along the elevated longitudinal frame portion; a needle bar confined to vertical reciprocation in the head; a needle actuating shaft substantially parallel to the longitudinal shaft and journalled within the head; a

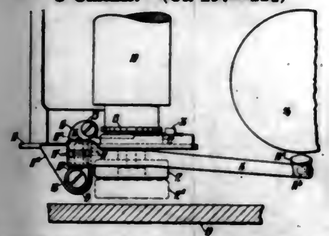
train of gears connecting the needle actuating shaft with the drive shaft; operating connections within the head through which the needle bar is reciprocated from the needle actuating shaft; and partitioning within the head setting apart an oil chamber for the gear train to prevent splash oil from reaching the needle bar.

2,107,369
APPARATUS FOR TREATING THINGS WITH VOLATILE SOLVENTS
Clarence F. Dinley, Detroit, Mich., assignor to James H. Bell, Philadelphia, Pa.
Application December 13, 1934, Serial No. 757,319
3 Claims. (Cl. 87—6)



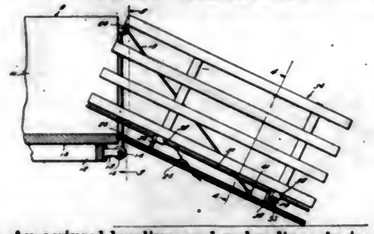
1. Apparatus of the character described, for treating things or work with volatile solvent whose vapor is heavier than air, comprising in combination an air-excluding treating vessel open at its upper portion for the introduction and removal of work, and provided with means affording in said vessel separate solvent wells, one for hot solvent, one, unheated, for liquid solvent condensate, and one for solvent vapor; means for heating and vaporizing liquid solvent in said hot solvent well, and thus supplying solvent vapor to said solvent vapor well; means above the wells for retaining and condensing the solvent vapor; and means for collecting the condensate and supplying it to said unheated well to the exclusion of the solvent vapor well.

2,107,370
TYPEWRITING MACHINE
William A. Dobson, Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application April 24, 1935, Serial No. 17,979
5 Claims. (Cl. 197—114)



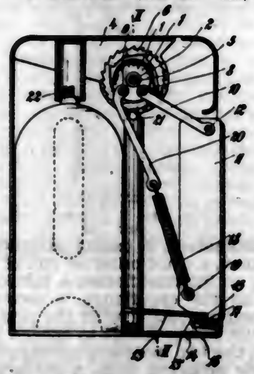
3. In a typewriter, the combination with a rotatable platen, a platen-frame, and a line-space wheel within the plate-frame, of a knob outside of the platen-frame and rotatably connected with the platen, a line-spaced pawl for said wheel, a bracket-support mounted on and extending outside the frame, an arm pivotally mounted on said support, means driven by said arm to actuate said pawl, and an integral one-piece line-space lever overlying said knob and having finger-clearance therefrom, and having an upright finger-piece and hinged on the upper face of said arm between its ends and outside the end wall of said frame, whereby said arm may be turned in a plane to actuate said pawl, and whereby said finger-piece may be collapsed.

2,107,371
STOCK LOADING CHUTE
Earl H. Donnan, Chestnut, Ill., assignor of one-half to Orville John Heft, Chestnut, Ill.
Application April 1, 1937, Serial No. 134,379
2 Claims. (Cl. 296—61)



1. An animal loading and unloading chute construction of the class described comprising a longitudinally elongated gang-plank provided along opposite longitudinal edges with eye-equipped brackets, a pair of duplicate spaced parallel side walls, said side walls being foldable into overlapping relationship with respect to said gang-plank, the lower edge portions of said side walls being provided with eyes registrable with the eyes on said brackets, assembling and pivoting rods extending through the eyes to hingedly mount the sides on the longitudinal edge portions of said plank, said rods being slidably and rotatably arranged in the eyes of the brackets and fastened in the eyes of the side walls, coiled springs anchored on said plank and attached to the hinged portions of said sides to automatically lift and swing the sides to vertical usable position, and check devices rigidly mounted on said gang-plank and cooperable with the hinged portions of said sides to limit the outward swinging movement thereof.

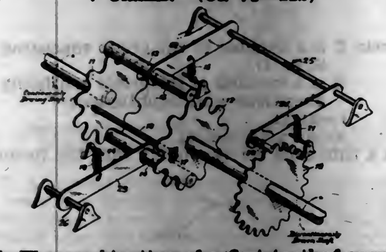
2,107,372
FRICTION WHEEL POCKET LIGHTER
Josef Edenburg, Vienna, Austria
Application May 18, 1936, Serial No. 80,232
3 Claims. (Cl. 67—7.1)



1. A friction wheel pocket lighter, comprising in combination a casing, a friction wheel carrier in said casing, a closing cap connected with said friction wheel carrier, a bearing formed in said casing and open towards the outer side thereof,

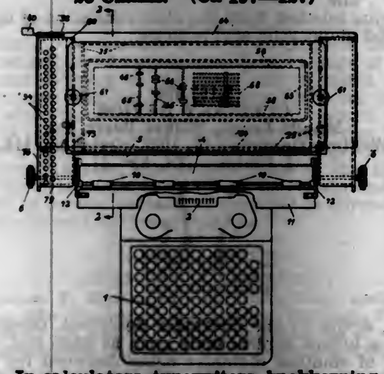
a pressure lever oscillatably mounted in said bearing and forming one of the side walls of said casing, a spring continually pulling said lever towards said bearing and holding it therein, and means connecting said lever with said carrier adapted to transmit the movement of said lever to said carrier and to said closing cap.

2,107,373
APPARATUS FOR CONVERTING CONTINUOUS MOTION INTO INTERRUPTED MOTION
Paul Griffith Edwards, Verona, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application July 16, 1935, Serial No. 32,075
7 Claims. (Cl. 74—112)



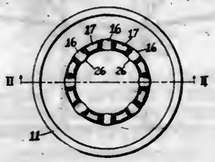
1. The combination of a first toothed movable element, a second toothed movable element arranged so as to move in the same direction as said first element, means including a member movable substantially transversely with respect to the direction of motion of said movable elements for producing a lost motion coupling between said elements, means for moving the first element continuously, and means including said first named means and responsive to the motion of the first element for moving the second element in finite steps in the direction of motion of the first element.

2,107,374
DEVICE FOR CALCULATING MACHINES, ACCOUNTING MACHINES, WRITING AND LIKE MACHINES
Heinrich Konrad Friedrich Ewald, Chemnitz, Germany, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges., Schonau-Chemnitz, Germany
Application August 12, 1935, Serial No. 36,010
In Germany August 17, 1934
23 Claims. (Cl. 197—127)



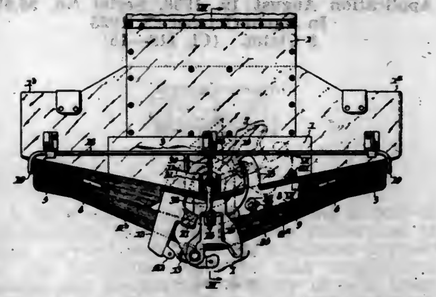
1. In calculators, typewriters, bookkeeping and similar machines a device for setting writing sheets to any desired line, comprising adjustable stops one for each line selective to be encountered by the writing sheets when fed and adjusting means, one for each stop, cooperating with said stops for bringing them into operative position.

2,107,375
EYELET
Sylvester Leo Gookin, Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application July 19, 1935, Serial No. 32,305
12 Claims. (Cl. 24—141)



10. A roll-clenched eyelet the clenched end of which is an annulus comprising alternate high and low segments arranged to be embedded to unequal depths in the material against which they are clenched, the outer perimeters of said low segments having relatively thin fins connecting said high segments.

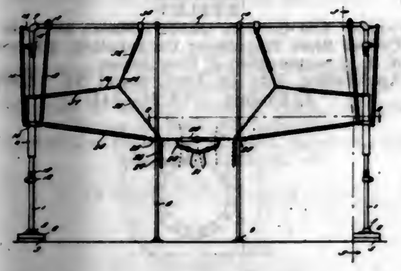
2,107,376
PILOT AND COUPLER STRUCTURE
Harry A. Hoke, Altoona, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania
Application July 17, 1936, Serial No. 91,157
3 Claims. (Cl. 213—4)



1. A front end structure for a railway vehicle comprising a pilot, a coupler housing therein having an opening bounded by the deflecting surfaces of the pilot, a coupler pivotally mounted on said pilot and movable from a service position, wherein it projects forwardly through said opening, to a position within said housing, and a cover plate for said opening mounted for movement about the same pivotal axis as that of the coupler, said cover plate when closed forming a deflecting surface continuous with the deflecting surfaces of the pilot, and said cover plate and coupler having capacity for relative vertical adjustment.

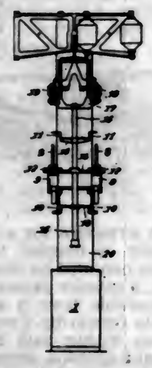
2. A front end structure for a railway vehicle comprising a pilot, a coupler housing therein having an opening bounded by the deflecting surfaces of the pilot, a coupler pin within said housing, a coupler pivotally mounted on said pin and movable from a service position to a position within said housing, and a cover plate for said opening, said cover plate being mounted for independent rotation on said coupler pin and serving to close the opening of the coupler housing.

2,107,377
APPARATUS FOR TEACHING TUMBLING
Omar O. Howland, Eagle, Colo.
Application October 30, 1937, Serial No. 172,010
3 Claims. (Cl. 272—69)



1. In a device of the class described, an upright frame including end posts and intermediate posts, a member slidably arranged on each end post, a clevis slidably arranged on each intermediate post, a spring arrangement including a plurality of springs connecting each clevis with the slidable member, body encircling straps flexibly connected with the clevises and spring means for moving the slidable members upwardly.

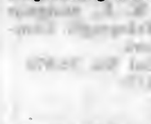
2,107,378
FINE SPINNING FRAME
Etsuro Kato, Meguro-ku, Tokyo-shi, Japan
Application August 19, 1936, Serial No. 96,884
In Japan October 25, 1935
1 Claim. (Cl. 118—15)



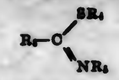
A fine spinning frame comprising, in combination, a frame, two parallel rows of vertical spindles arranged on opposite sides of the frame, two parallel rows of drafting apparatus arranged on opposite sides of the frame and comprising parallel rows of vertically arranged drafting rollers to draft slivers vertically in substantial coaxial relation to said spindles, vertically slideable rods mounted in the frame and disposed intermediate the rows of spindles, ring rails and guide rails secured in spaced apart relation on said vertical rods, actuating means operably connected to said rods for simultaneously moving said rods vertically, and individual motor driving means for each of the spindles.

2,107,379
MANUFACTURE OF CARBOCYANINE DYES
Robert Keslewsky, Dessau-Ziebigk in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
No Drawing. Application January 14, 1933, Serial No. 651,811. In Germany January 18, 1932
26 Claims. (Cl. 260—44)

1. The process which comprises acting while heating upon a quaternary ammonium salt corresponding with the formula

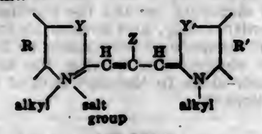


wherein Y is a member of the group consisting of S, Se, O,
R is a member of the group consisting of phenylene and naphthylene,
r=alkyl,
x=an acid radical,
with a thioimide corresponding with the formula



wherein R_3 is a member of the group consisting of alkyl radicals and monocyclic aryl radicals
R_4=alkyl
R_5=a phenyl.

22. Trimethinecyanine dyes having the general formula



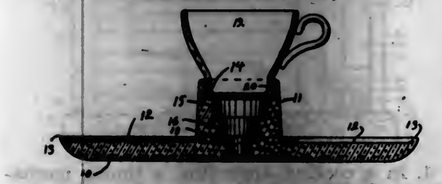
wherein
Y and Y' are selected from the class consisting of S, Se and O,
R and R' are selected from the group consisting of phenylene, naphthylene, alkyl phenylene, alkoxy phenylene, amino phenylene and alkyl amino phenylene,
Y being different from Y' when R is the same as R' and
R being different from R' when Y is the same as Y'; and
Z being selected from the class consisting of alkyl and monocyclic aryl radicles.

2,107,380
CULINARY DEVICE
Maude Leach, Wilkes-Barre, Pa.
Application December 17, 1936, Serial No. 116,417
1 Claim. (Cl. 53—6)



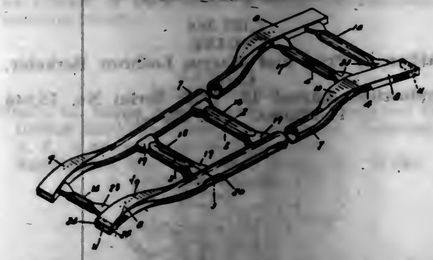
A device of the character described, comprising a hollow conical body open at each end, the end of smallest diameter being designed for extension through an opening in a pie top crust, and outwardly extending wing-like members forming integral struck-out portions of the material of said body to rest upon the top of a pie top crust when the adjacent end of the body is extended through the said opening in the top crust, the openings resulting in the body from the striking out of said portions being between said portions and the narrow end of the body to be located immediately beneath the undersurface of the said crust when the device is in position for use.

2,107,381
SERVING DEVICE
Louis A. Loppke, Omaha, Nebr.
Application April 8, 1937, Serial No. 135,725
4 Claims. (Cl. 65—15)



1. A serving device comprising a plate having a central integrally formed supporting member upstanding therefrom a distance substantially greater than the thickness of the plate, and having an opening therein, and a plurality of stepped shoulders in said opening, said steps extending progressively inward from the top.

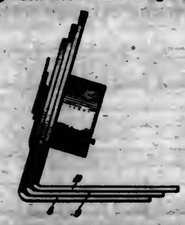
2,107,382
VEHICLE FRAME
Robert H. Maddock, Cleveland, Ohio, assignor to The Midland Steel Products Company, Cleveland, Ohio, a corporation of Ohio
Application November 27, 1933, Serial No. 699,822
10 Claims. (Cl. 280—106)



7. In a motor vehicle, means for reducing the extent to which side rails of automobile frames must be curved vertically to form kickups of sufficient degrees to establish the required axle clearance and low center of gravity of the automobile comprising tubular or box section side rails having its ends curved vertically and flattened horizontally to spread the kickup portions laterally beyond the vertical sides of the intermediate portions of the rails to reduce the degree of kickup below that required to curve rails without said flattened portions.

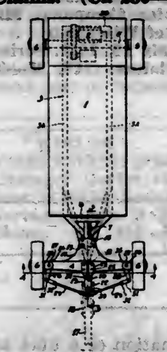
2,107,383
ORNAMENTAL MOUNTING
Gustave F. Mattmann, Cincinnati, Ohio, assignor to The Cincinnati Advertising Products Company, Cincinnati, Ohio, a corporation of Ohio
Application August 1, 1936, Serial No. 93,831
3 Claims. (Cl. 41—10)

1. As a new article of manufacture, a decorative mounting for a clock, picture, or the like, said mounting comprising at least two sheets of translucent material provided with angularly disposed sections providing for standing up the sheets on a supporting surface in display position, the



sheets being positioned in superimposed relation and being formed to provide overlapping areas in their superimposed position whereby different degrees of translucency are effected in such areas.

2,107,384
TRUCK
Glenn J. McQueen, Portland, Oreg., assignor to The Hardie Manufacturing Company, Hudson, Mich., a corporation of Michigan
Application March 31, 1936, Serial No. 71,969
5 Claims. (Cl. 280—111)

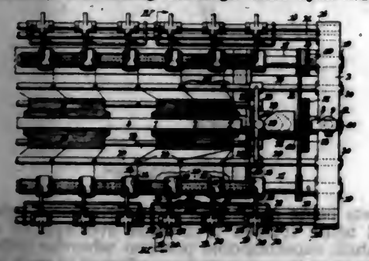


1. In a vehicle, a frame including a pair of longitudinal beams, said beams converging at their forward ends, a frame extension disposed in the horizontal plane of said longitudinal beams and projecting forwardly of said beam ends, an axle pivotally mounting said frame extension, and means to brace said axle against horizontal movement with respect to said frame, said means rotatably mounting said frame.

2,107,385
YARN WINDING MACHINE
Robert E. Moser, Reading, Pa., assignor to Rosedale Knitting Co., Inc., Reading, Pa., a corporation of Pennsylvania
Application July 11, 1934, Serial No. 734,584
10 Claims. (Cl. 28—17)

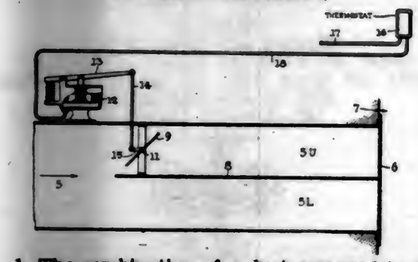
1. A back winding machine of the character described comprising a pair of end frames; longitudinal fulcrum rods extending along opposite sides of the machine with their ends secured in said end frames; synchronously-driven longitudinal rotor shafts inward of the fulcrum rods and journaled in said end frames; a series of arms pivoted on each of the fulcrum rods and individually sustaining, for free rotation, yarn receiving spools resting by gravity on the rotor shafts, said arms being individually swingable outward to a retracted position for convenience of interchange of

spools; a longitudinal overhead beam supported by the end frames centrally over the machine and provided with means whereby rows of stocking blanks may be hung from its opposite sides; a longitudinally-traversing carriage with eyes for di-



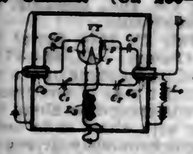
recting the yarns raveled from the stocking blanks and distributing them on the respective receiving spools along opposite sides of the machine; and means for reciprocating the traversing carriage.

2,107,286
AIR CONDITIONING
Arthur J. Otis, Milwaukee, Wis., assignor to Johnson Service Company, Milwaukee, Wis., a corporation of Wisconsin
Application July 15, 1937, Serial No. 153,869
3 Claims. (Cl. 98—37)



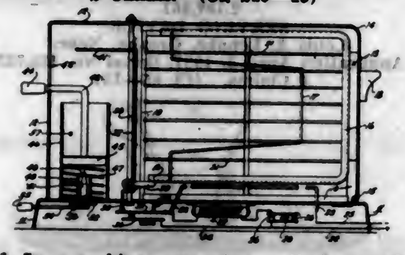
1. The combination of a duct arranged to deliver cooled air horizontally into a room or the like above the zone of occupancy; a partition dividing said duct into a lower constantly open portion and an upper portion; and a damper adjustable to vary the flow through said upper portion.

2,107,287
VACUUM TUBE WITH TANK CIRCUITS
Ralph Kimball Potter, Madison, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application June 12, 1936, Serial No. 84,967
12 Claims. (Cl. 250—36)



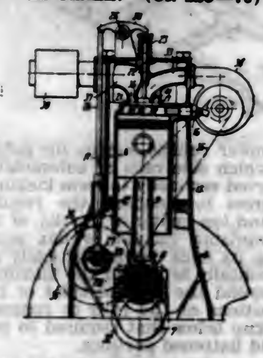
1. In an amplifier circuit, an amplifier tube having cathode, anode and control electrodes, a substantially closed conducting vessel enclosing said tube and constituting a tank whose inner surface acts as an inductance with respect to high frequency currents flowing over it, two of said electrodes being connected to points of different potential on the inner surface of said tank so that the tank serves as an inductance connected to said electrodes, and a connection from the third electrode to said tank.

2,107,288
TOASTER
August C. Purpura, Chicago, Ill.
Application November 16, 1934, Serial No. 753,335
2 Claims. (Cl. 219—19)



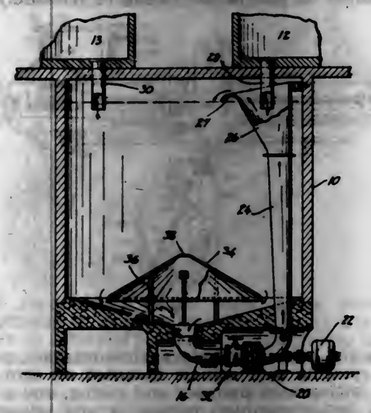
1. In a cooking apparatus, a timing mechanism including a member adapted to be initially set and then returned slowly for a portion of its travel and rapidly for the last part of its travel, a control element normally held in inoperative position by said member, a switch adapted to be closed by said element when the latter is released by said member in the initial setting of said timing mechanism, and a bread carrier normally in inoperative position and adapted to be moved manually into operative position, said member in the last portion of its return movement imparting a sharp blow to said control element to move said bread carrier into inoperative position and allow said switch to be opened.

2,107,289
ENGINE
Nathan C. Price and Marcus Lothrop, Berkeley, Calif.
Application August 13, 1935, Serial No. 35,940
11 Claims. (Cl. 123—79)



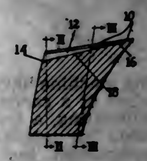
1. An engine comprising a combustion chamber, an intake duct leading to said combustion chamber, a separate exhaust duct leading from said combustion chamber, a valve for controlling flow between both of said separate ducts and said combustion chamber, and means effective during the operation of said engine for maintaining a current of air flowing from said intake duct over the surface of said valve and into said exhaust duct.

2,107,290
APPARATUS FOR AND METHOD OF AGITATING PULP STOCK
John A. Rossmiil, Manistee, Mich.
Application December 13, 1935, Serial No. 54,157
9 Claims. (Cl. 92—37)



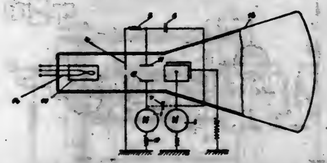
1. In apparatus for storing and agitating pulp stock, a storage chest, a pump having an intake communicating with the lower end of the chest to withdraw pulp stock therefrom and having an outlet connected with the upper end of the chest to discharge pulp stock thereinto, said outlet provided with a flaring portion adjacent to its discharge end, and a pulp stock receptacle having an outlet leading into said flaring portion of the pump outlet to deliver additional pulp stock thereinto counter the direction of flow of the stream of pulp stock flowing therethrough from the pump.

2,107,291
WOOD HEEL
Simon G. Ross, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application May 11, 1936, Serial No. 78,983
1 Claim. (Cl. 36—34)



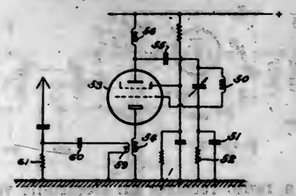
A wood heel having a concave rim around its attaching face arranged to contact with the overlasted margin of the upper materials around the heel seat of a shoe over a substantial portion of the width of said margin, said heel having also a deeper and sharper concavity in its attaching face dropping from the inner edge of said rim, the depth of said concavity corresponding to the shape of the breast portion of an outsole at the breast of the heel and tapering uniformly from a substantial depth at the breast of the heel to zero at the rear central part of the inner edge of said rim, the longitudinal central line of the concavity being substantially straight over the major portion of its length.

2,107,292
TELEVISION ARRANGEMENT
Kurt Schlesinger, Berlin, Germany
Application June 1, 1934, Serial No. 728,526
In Germany June 3, 1933
2 Claims. (Cl. 178—7.7)



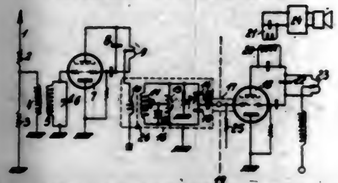
1. An arrangement for deflecting the cathode ray in a Braun tube having a source of electrons, an anode, a fluorescent screen and two pairs of deflecting plates, one pair serving for the line deflection of the cathode ray produced in said tube and the second pair serving for the framing deflection, comprising two scanning oscillation generators, means for connecting one of said generators with said line deflecting plates, means for connecting the other of said generators with said framing deflecting plates, a condenser connected between said line scanning oscillation generator and one plate of said second pair for applying a potential of the same amplitude and reversed phase as compared with the potential causing disturbing capacitative influences between said line scanning oscillation generator and said other plate of said second pair of deflecting plates.

2,107,293
RADIO RECEIVING SYSTEM
Kurt Schlesinger, Berlin, Germany
Application June 28, 1934, Serial No. 733,070
In Germany July 1, 1933
4 Claims. (Cl. 250—20)



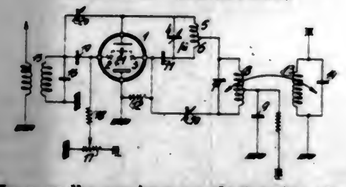
1. In a television reception arrangement operated according to the superheterodyne principle, the combination of an aerial input coupling and an oscillatory device for receiving, signal modulated carrier frequencies, means for generating a heterodyning frequency and means for mixing said carrier frequencies with said oscillator frequency comprising an aerial, a first coupling condenser, a coupling choke possessing a middle-tapping point, said condenser being connected between said aerial and said tapping point, an oscillator-modulator valve having a cathode, a control grid, a screening grid and an anode, a second condenser connected between the one end of said choke and an electrode of said oscillator valve, the other end of said choke being earthed, an oscillating circuit tuned to the heterodyning frequency comprising a coil and an adjustable condenser, a third condenser, a resistance, said third condenser and said oscillating circuit being connected in series across the anode and control grid of said oscillator valve, said resistance being connected between said grid and earth.

2,107,294
RADIO RECEIVING SYSTEM
Kurt Schlesinger, Berlin, Germany
Application November 21, 1934, Serial No. 754,049
In Germany November 24, 1933
6 Claims. (Cl. 250—20)



1. In a radio receiving system having an antenna circuit, an oscillator-modulator including an electron discharge tube having a tunable input circuit coupled to said antenna circuit and an oscillation circuit tunable to a predetermined very high frequency whereby to set up oscillations in said tube of such a frequency that when heterodyned with the incoming signal-modulated oscillations the sum and difference frequencies are derived, an output circuit coupled to said oscillation circuit and comprising a selection circuit and a piezo-electric crystal tuned to the derived sum frequency, the constants of the oscillator-modulator circuits having such values and the sum frequency being so high relative to its modulation frequencies that the latter are accommodated within the half value width of the resonance curve of said piezo-electric crystal.

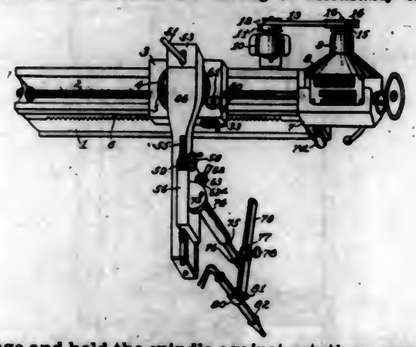
2,107,295
RADIO RECEIVING SYSTEM
Kurt Schlesinger, Berlin, Germany
Application December 13, 1934, Serial No. 757,300
In Germany December 13, 1933
7 Claims. (Cl. 250—20)



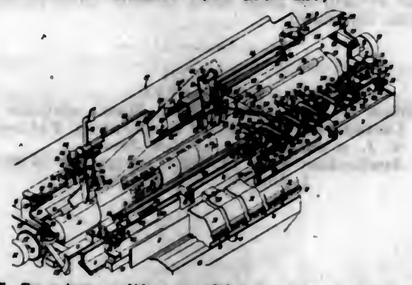
1. In a radio-receiver an electronic valve having a cathode, an anode and at least two control-grids, a receiving input circuit coupled with an aerial circuit and connected with said cathode and one of said control grids, an oscillatory circuit tuned to a frequency greater than the receiving frequencies and connected with said anode and the other of said control grids, a back-coupling circuit for the receiving frequency connected with a tapped-point of said oscillatory circuit and an anode current source and firmly coupled with said receiving input circuit.

2,107,396
SHAPE CUTTING MACHINE
Otto A. Scheitz, Waterloo, Iowa
Application February 14, 1936, Serial No. 63,921
10 Claims. (Cl. 266—23)

1. In a shaping machine of the character described, an elongated track, a carriage movable to and fro thereon, an arm having an end positioned upon and supported movably on said carriage to be swung to and fro in one plane parallel with said track and having a rack extending longitudinally therealong, a carrier chamber alongside said arm, an adjusting gear-wheel mounted on said chamber and meshed with said rack to travel with the frame therealong, a casing on and in communication with said chamber, a rotatable spindle mounted in said casing, a braking device mounted on and in the casing to releasably engage and hold the spindle against rotation, means for rotating said spindle mounted on said arm and within said chamber and casing, and a cutting device mounted releasably and adjustably on the spindle for various angular adjustments relative thereto and for spacing it apart from the spindle and securing it in adjusted positions relative thereto in spacing it bodily away therefrom.



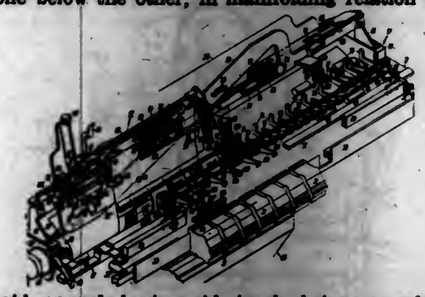
2,107,397
TYPEWRITING MACHINE
Jesse A. B. Smith, Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application January 3, 1933, Serial No. 649,902
22 Claims. (Cl. 197—127)



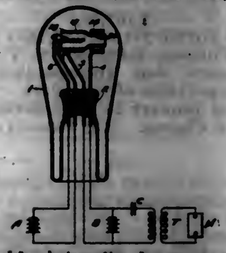
7. In a typewriting machine having a printing-point, the combination of a carriage movable in one direction for tabulating, a truck movable in the opposite direction for tabulating, and column-tabulating mechanism including a plurality of keys, each key determining a certain column-position related to said printing-point, and also including means co-operating with any key, whereby, upon operation of the latter, the carriage and truck are jointly tabulated in their respective directions to the column-position determined by the operated key.

2,107,398
TYPEWRITING MACHINE
Jesse A. B. Smith, Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application December 29, 1933, Serial No. 704,425
24 Claims. (Cl. 197—127)

7. In a typing machine, the combination with the types, of a tabulating carriage arranged to present to the types a record-sheet having a multiplicity of item-classifying columns spaced different distances apart crosswise of the record-sheet, a truck for presenting a bill-sheet, having a single item-column in which items are typed one below the other, in manifolding relation to said record-sheet, said truck being movable lengthwise of the carriage for locating the bill-truck at different positions, corresponding to the unequally-spaced record-sheet columns, lengthwise of the carriage, and means whereby the movements of the truck in its shifts to successive unequally-spaced positions automatically causes the bill to be uniformly line-spaced.



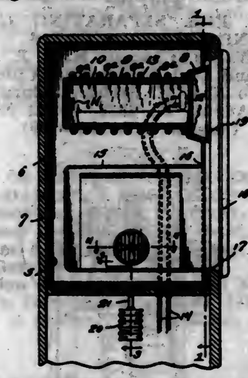
2,107,399
GLOW LAMP
Percy L. Spencer, West Newton, Mass., assignor, by mesne assignments, to Raytheon Production Corporation, a corporation of Delaware
Application December 18, 1933, Serial No. 326,716
Renewed November 20, 1931
2 Claims. (Cl. 176—16)



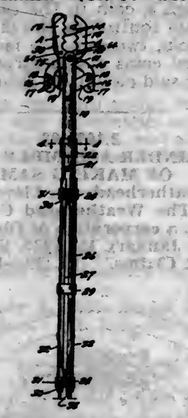
1. A variable intensity lamp comprising the combination with an envelope, of an attenuated atmosphere within the envelope, a filament to emit actinic rays, and concentric cylindrical electrodes adjacent the filament forming a path therethrough and so positioned that upon activation a glow discharge is produced between the electrodes and in the vicinity of the said source of rays, whereby some of the actinic rays emitted from the said source will be absorbed by the said glow.

2,107,400
REFRIGERATOR
Oscar John Stabbal, Lakewood, Ohio
Application February 3, 1936, Serial No. 62,193
7 Claims. (Cl. 62—116)

1. A refrigerator comprising a hermetically closed casing containing a refrigerating chamber and a food or like chamber and affording a refrigerating space in surrounding relation to said chambers, said chambers being accessible from the exterior but hermetically closed from the refrigerating space, means to close said chambers from the exterior and to seal said chambers from each other, a refrigerating element hermetically sealed within said refrigerating space adjacent said refrigerating chamber, and a gaseous refrigerating medium sealed within the refrigerating space for circulating in thermal contact with the wall of said food or like chamber and the surface of said refrigerating element, said food or like chamber having an inwardly offset upper portion affording an enlargement of said refrigerating space within which the refrigerating element and the refrigerating chamber are arranged.



2,107,401
TREE PRUNER
Luke S. Stripling, Amarillo, Tex.
Application December 1, 1936, Serial No. 113,683
3 Claims. (Cl. 30—245)



1. In a tree pruner, a supporting pole including a series of telescopically adjustable sections, a pair of cutting jaws at the upper end of the pole, operating means for said jaws including pull means housed entirely within said pole, said pull means being provided with a plurality of elements adjustable longitudinally of each other and having coacting means for securing them in adjusted relation, one of said telescopic sections being longitudinally slotted to permit access to the said coacting means, the element at the lower end of the pull means being a chain and the element above the chain forming a hook for selectively engaging the links of the chain, a wind-

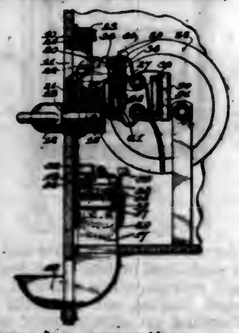
ing drum supported from the lower end of said pole and having one end of the chain attached thereto, and a crank for rotating said winding drum.

2,107,402

APPARATUS FOR SEPARATING GENUINE AND SPURIOUS COINS

Fred E. A. Wallin, Chicago, Kurt T. Johnson, Palatine, and Carl G. Johnson, Chicago, Ill., assignors to Neal M. Seeburg, Chicago, Ill.

Application August 17, 1936, Serial No. 96,412
12 Claims. (Cl. 194—100)



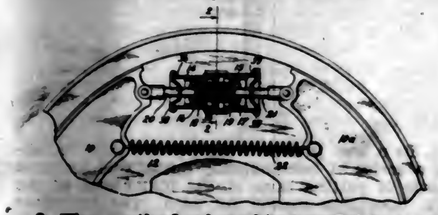
1. Apparatus for separating genuine and spurious coins comprising a cabinet, a carriage in the interior of the cabinet for receiving an inserted coin, a handle on the exterior of the cabinet for moving said carriage into coin discharge position, a contact on said carriage adapted to be engaged by said coin, means for heating said contact, means for receiving a coin discharged from said carriage, means completing a circuit through a coin in the carriage and said contact, a gate controlling the disposition of the discharged coin, two separate means for receiving discharged coins and electromagnetic means controlled by said circuit for actuating said gate.

2,107,403

BRAKE CYLINDER ASSEMBLY AND METHOD OF MAKING SAME

Albert J. Weatherhead, Jr., Cleveland, Ohio, assignor to The Weatherhead Company, Cleveland, Ohio, a corporation of Ohio

Application January 15, 1935, Serial No. 1,908
12 Claims. (Cl. 29—152.1)



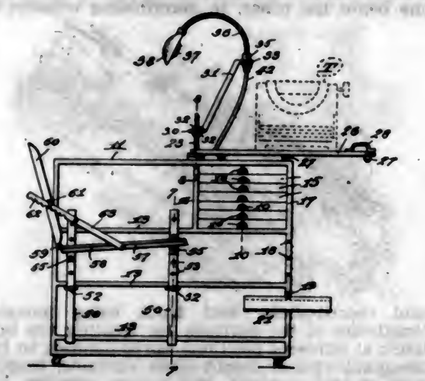
3. The method of making a fluid pressure brake cylinder which comprises telescoping two tubular steel parts together, positioning a saddle-like steel member over the outer of said tubular parts where the tubular parts overlap, copper brazing the three parts together to form a fluid tight connection throughout the areas of contact and thereafter forming passageways through said member and tubular parts in the zone of the copper brazed joints therebetween.

2,107,404

COMBINATION DESK AND CHAIR

Arthur J. Wilkin, San Pedro, Calif.

Application September 2, 1936, Serial No. 99,112
3 Claims. (Cl. 155—183)



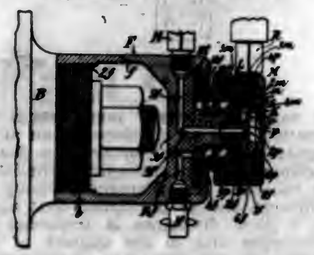
1. A knockdown article of furniture, comprising a spaced pair of cabinets provided with inwardly facing shelves and storage compartments, opposed and vertically disposed seat mounting hangers removably secured to shelves of each cabinet, a seat removably and adjustably secured to said hangers between said cabinets, said cabinets having the same over-all size and shape to permit the consolidation thereof into a compact assembly for convenient storage upon the removal of said seat.

2,107,405

ROTATING JOINT FOR RUNNING INFLATION

Selden T. Williams, Bellerose, N. Y., assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y., a corporation of New York

Application January 25, 1934, Serial No. 708,185
8 Claims. (Cl. 152—11)



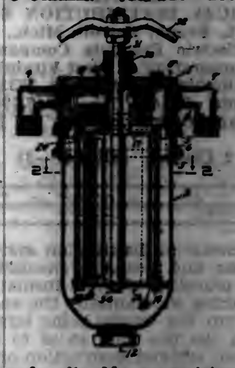
1. A device of the character described comprising two coaxially disposed, relatively rotatable units, each having means for connection with a source or reservoir of fluid pressure, one of said units having an impervious, flexible, peripherally held diaphragm therein, the other unit having an axial extension with an end face against which said diaphragm engages, said diaphragm and axial extension having aligned openings therethrough, and said units being assembled together in a manner to normally hold said diaphragm in fluid-tight engagement against said end face independently of the fluid pressure or any supplemental spring means.

2,107,406

FILTER

Edward L. Wood, Detroit, Mich.

Application May 6, 1936, Serial No. 78,199
Renewed June 29, 1937
8 Claims. (Cl. 210—167)



1. A filter for liquids comprising, a filtering medium through which liquid flows, a series of wall members on the outgoing side of the medium substantially dividing the medium into sections, a spring actuated member on the outgoing side of the medium arranged to contact with the wall members, means for causing relative movement between the spring actuated member and the wall members whereby the spring actuated member wipes across the wall members, said spring actuated member being successively tensioned and released as it wipes across the wall members, said spring actuated member having angularly disposed portions arranged to cooperate with the wall members when the member is tensioned to define a compartment, the tension of the spring actuated member serving to collapse the compartment as the spring actuated member wipes across the top of a wall, whereby to force some of the liquid entrapped in the compartment through the medium in a direction reverse to the normal flow therethrough.

2,107,407

SCAFFOLDING COUPLING

John Burton, Edgbaston, Birmingham, England

Application June 4, 1935, Serial No. 24,884
In Great Britain June 6, 1934
8 Claims. (Cl. 189—36)



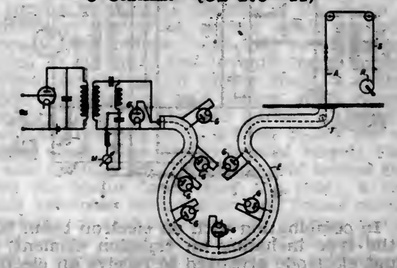
5. A scaffolding clamp for securing together two scaffolding members in transverse relationship comprising in combination, a pair of jaws, said jaws having each a portion adapted for clamping engagement with one of the scaffolding members on opposite sides thereof, one at least of said jaws being adapted partially to embrace said scaffolding member, means connecting the two jaws, said jaws each having also an abutment part adapted for engagement with the other scaffolding member, a cap adapted to co-operate with each of said abutment parts in gripping said other scaffolding member, said jaw connecting means being adapted to permit of said jaws each pivoting relative to said cap about an axis which is substantially parallel to the longitudinal axis of the scaffolding member which the jaw portions engage and of said jaw portions moving towards and away from each other, means adapted to secure said cap in clamping engagement with said other scaffolding member, and simultaneously to apply pressure to both of said jaws to pivot the latter relative to said cap about the said axis and bring said jaw portions towards each other into clamping engagement with said first mentioned scaffolding member.

2,107,408

METHOD OF MATCHING THE IMPEDANCE OF A LOAD TO A SOURCE OF POWER

Werner Buschbeck, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application July 25, 1936, Serial No. 92,534
In Germany August 26, 1935
3 Claims. (Cl. 178—44)



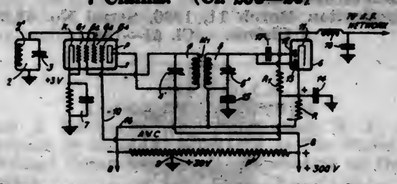
1. In a high frequency system, a transmission line, an adjustable load at one end of said line adapted to be excited over a range of wavelengths, a source of power at the other end of the line, a plurality of rectifiers across said line at intervals so arranged as to insure that at least one rectifier will be acted upon by a voltage substantially equal to the anti-nodal voltage of a standing wave of any wavelength in the range of wavelengths to be employed, and a direct current indicator circuit connected in shunt to said line.

2,107,409

AUTOMATIC VOLUME CONTROL CIRCUITS

John F. Dreyer, Jr., Brooklyn, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application October 2, 1934, Serial No. 748,495
7 Claims. (Cl. 250—20)



6. In a signaling system, an amplifier having a cathode and a signal control electrode and having its electrodes geometrically related so as to impart a negative mutual conductance characteristic to the amplifier, a rectifier coupled to said amplifier, said rectifier including at least an anode and a cathode, means for maintaining said cathode normally negative relative to said amplifier cathode, means for causing said cathode to

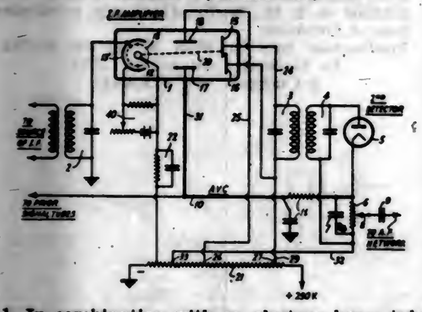
become more positive in the presence of an amplified signal, and a direct current connection between said control electrode and said cathode whereby the control electrode becomes less negative, and the amplification of said amplifier is regulated automatically to decrease, in the presence of amplified signals, means for normally maintaining the said signal control electrode of the amplifier at a substantially high negative potential with respect to the amplifier cathode.

2,107,410

AUTOMATIC GAIN CONTROL CIRCUIT

John F. Dreyer, Jr., Brooklyn, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application July 30, 1936, Serial No. 93,361
7 Claims. (Cl. 250—20)



1. In combination with an electron beam tube of the type including an emission element, an output electrode arranged to receive an electron beam from the emission element, and a control electrode, said tube having a negative mutual conductance characteristic, means for impressing signals upon the control electrode of the tube, an output circuit connected to the output electrode of the tube, a signal rectifier coupled to the output circuit, at least one electron waste electrode disposed within the tube, a beam deflection electrode disposed within the tube, and a direct current voltage connection from the beam deflection electrode to the signal rectifier such that the electron beam is deflected from the output electrode to said waste electrode as the signal amplitude increases.

2,107,411

SANDING WHEEL

Ernest Dunford, St. Louis, Mo., assignor to Landis Machine Company, St. Louis, Mo., a corporation of Missouri

Application March 11, 1936, Serial No. 68,202
3 Claims. (Cl. 51—194)



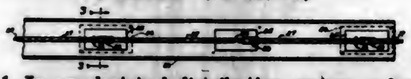
1. In a device of the class described, segments movable towards each other to form a sanding wheel, segment clamping collars at opposite annular faces of said segments and having overlapping sleeves slidable axially over each other, a radial stud on one of said sleeves, the other of said sleeves having a stud-receiving slot inclined longitudinally of the length of the sleeve to cam said collars towards each other when they are rotated relatively.

2,107,412

ELECTRICAL DISTRIBUTION SYSTEM

Harrison J. L. Frank, Detroit, Mich., assignor to Bulldog Electric Products Company, Detroit, Mich., a corporation of West Virginia

Original application February 15, 1932, Serial No. 592,912, now Patent No. 2,043,796. Divided and this application January 10, 1936, Serial No. 58,695
2 Claims. (Cl. 247—3)



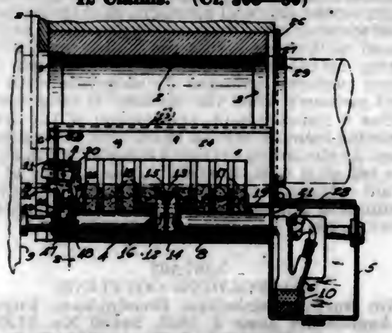
1. In an electrical distribution system, a long run of bus bar, and means for insulating the run including a plurality of short insulating sleeves on, and covering substantially the entire length of said bus run, the sleeves being larger in cross section than the bus bars so as to be slidable along the run, without destruction or alteration of themselves or the bus bar, to expose the bus bar at desired points on the run, and to insulate the bus bar at other points.

2,107,413

JOURNAL WIPING MEANS

James J. Hennessy, New York, N. Y.

Application February 19, 1934, Serial No. 711,933
12 Claims. (Cl. 308—36)



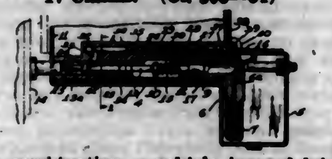
1. Railway journal lubricant wiping means applicable to the end portion of a journal box cellar member to underlie the journal on both sides of an end wall of the cellar and including a rib element disposed to engage the journal along a line extending longitudinally thereof and having an inclined recessed passage for conducting the recovered lubricant along said element.

2,107,414

RAILWAY JOURNAL LUBRICATOR

James J. Hennessy, New York, N. Y.

Application June 30, 1934, Serial No. 733,229
17 Claims. (Cl. 308—34)



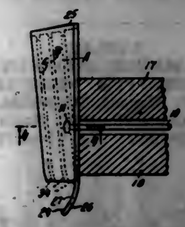
1. In combination, a vehicle journal lubricant cellar structure having a removable wall part, a journal lubricator including an actuating member operable by an adjacent element movable relative thereto during normal operation of the vehicle, and means rendered operable by assembly of said removable part with the rest of the structure for limiting the extent of movement of said actuating member.

2,107,415

WEDGE FOR CONCRETE FORM TIES

Daniel C. Hungerford, Chalfont, Pa., assignor, by mesne assignments, to Star Expansion Bolt Company, New York, N. Y., a corporation of Illinois

Application November 27, 1934, Serial No. 754,939
1 Claim. (Cl. 25—131)



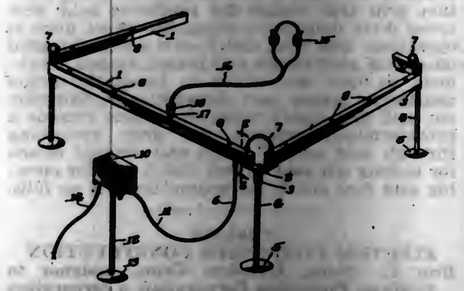
A wedge having a base and a plurality of inclined surfaces disposed in different planes, spaced from each other and angularly disposed relative to the base, the inclined surfaces being so spaced and so inclined that the distance between the inner end of each surface and the base is greater than the distance between the base and the entering end of the next outer inclined surface.

2,107,416

ELECTRICAL SOUND TRANSMITTING AND DISTRIBUTING APPARATUS

Walter H. Huth, Chicago, Ill., assignor to Aurex Corporation, Chicago, Ill., a corporation of Illinois

Application June 22, 1936, Serial No. 86,504
5 Claims. (Cl. 247—1)



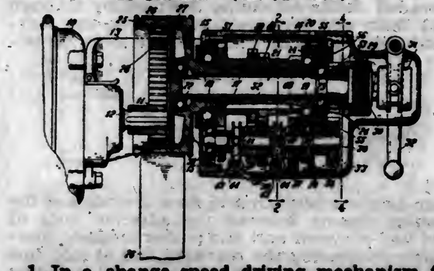
1. In a telephonic apparatus, a plurality of members each formed with opposite ends, hinges between ends of said members, electrical circuit connections carried by said members, means for detachably bridging an input instrument on said circuit, and devices on said members for detachably bridging a plurality of output instruments on said circuit, together with means for supporting said members in a suitably elevated position above the floor, all forming a folding rack about which listeners may conveniently assemble for the use of said output instruments.

2,107,417

CHANGE SPEED DRIVING MECHANISM

Alexander F. Kaptuller, Chicago, Ill.

Application October 21, 1936, Serial No. 106,717
10 Claims. (Cl. 74—375)



1. In a change speed driving mechanism for a motor, the combination of a frame member, a hollow shaft rotatably mounted on said frame member, means for mounting said frame member in position for supporting said hollow shaft in parallel relation to the axis of the motor eccentrically thereof, a second shaft extending through said hollow shaft and revolubly supported at its outer end by said frame member beyond the end of the hollow shaft, a cylinder rigidly mounted on said hollow shaft concentrically thereof at the end portion adjacent to the motor serving as a driving pulley for said hollow shaft, gear means located largely inside of said cylinder for connecting said second shaft with the motor for driving the shaft, a third shaft revolubly mounted on said frame member alongside of said hollow shaft, driving connections between said second and third shafts, and change speed driving connections between said hollow shaft and said third shaft.

2,107,418

MEANS FOR ATTACHING WALL PANEL UNITS TOGETHER

Harry H. Keller, Ventnor, N. J., assignor to Bitting, Incorporated, New York, N. Y., a corporation of Delaware

Application November 25, 1935, Serial No. 51,496
13 Claims. (Cl. 189—34)



1. A construction as described, comprising a wall panel unit, including side frame members constructed in the form of thin walled hollow sections, the outer faces of said side members being inclined to the plane of the unit and having longitudinal grooves formed therein.

2,107,419

LOCOMOTIVE TENDER

Paul A. Ketchpel, West Englewood, N. J., assignor, by mesne assignments, to The Standard Stoker Company, Inc., a corporation of Delaware

Application October 26, 1933, Serial No. 695,333
Renewed March 12, 1936
4 Claims. (Cl. 198—15)

1. A locomotive tender having a fuel bin with a floor having an opening therein and an inclined rear wall, a fuel conveyor positioned on said tender below said floor to receive fuel through said opening, fuel advancing means in said fuel

bin mounted on said rear wall including a transverse pusher member and a plurality of longitudinally extending threaded shafts arranged in parallelism on said rear wall and being in threaded engagement with said pusher member, said threaded shafts extending downwardly through said floor and terminating adjacent the rearward end of said fuel conveyor, and drive mecha-



nism disposed beneath said floor rearward of the opening therein between the adjacent ends of said fuel conveyor and said pusher member operatively connecting the rearward end of said fuel conveyor with said threaded shafts and including clutch elements arranged to permit independent operation of the fuel conveyor and fuel advancing means.

2,107,420

WHIP STOCK REMOVING DEVICE

Gottlank L. Kothny, Strafford, Pa., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa., a corporation of Delaware

Application September 28, 1937, Serial No. 166,064

9 Claims. (Cl. 255—1)



1. The combination with a whipstock comprising a body arranged to penetrate the bottom of a bore hole and provided with a sloping drill guiding surface and a collar at the upper portion of the body, of a device arranged to be included in a drill string, said device being arranged to pass through said collar, and being provided with means expandible outwardly to engage said collar whereby the whipstock may be removed from a hole by means of a drill string including said device.

2,107,421

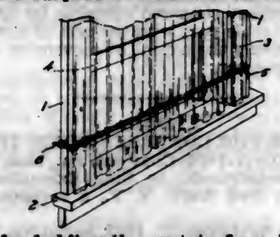
CURTAIN HOLDER

Florence L. Lennox, Ann Arbor, Mich.

Application July 12, 1936, Serial No. 90,283

3 Claims. (Cl. 156—33)

1. A curtain helder comprising, means for attachment to opposite sides of a window frame, and elastic means for connection to said attachment means and adapted to be stretched taut between the attachment means, said elastic means having two runs arranged to extend substantially from one attachment means to the other and in close proximity to each other, said two runs adapted to receive a curtain therebe-



tween for holding the curtain from blowing inwardly and outwardly relative to the window frame.

2,107,422

AUTOMATIC CHANGE SPEED GEARING FOR AUTOMOTIVE VEHICLES

George B. Merom, Woodside, N. Y.

Application January 26, 1933, Serial No. 653,558

3 Claims. (Cl. 74—337)



1. In an automatic gear shift, a driving and a driven shaft, a two part friction grip type clutch connecting said shafts for direct drive, reduction gearing around said clutch for slow speed drive, one of the gears of said reduction gearing constituting one part of said clutch, a one-way friction grip type clutch for rendering said slow speed drive inoperative when the direct drive is operating, said gear clutch part being threaded on one of said shafts and biased against movement to open said clutch to constitute torque responsive means for automatically throwing out said first clutch when the torque exceeds a predetermined amount, the drive remaining through said second clutch and manual means for locking out said second clutch and for opening said first clutch for engine braking on hills.

2,107,423

ELECTRIC CONDENSER CONSTRUCTION

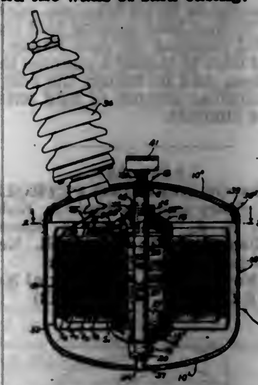
Bror G. Olving, Hamden, Conn., assignor to Products Protection Corporation, a corporation of Delaware

Application March 9, 1932, Serial No. 660,662

3 Claims. (Cl. 175—41)

1. In condenser construction, in combination, a casing having extending therethrough a substantially centrally positioned supporting member, means forming a hollow but externally cylindrical core supported by said supporting member with its inner walls spaced from the latter, thereby to form an annular passage therebetween, a condenser comprising a plurality of annular concentric condenser sections, the innermost of

which is supported by said core, said sections being connected in series and the outermost section being of highest voltage, the outside diameter of said outermost section being less than the inside dimension of said casing, thereby to form a space therebetween, metallic means about said outermost section forming an electrostatic shield between it and the walls of said casing, and an insulating and cooling medium within said casing for circulation through said passage and through the space between the outermost section and the walls of said casing.



3. In condenser construction, in combination, a casing, a condenser supported within said casing, a shield member surrounding said condenser having a tube-like center portion and end portions, said shield being centrally located within said casing, said center portion of said shield being spaced a distance from said casing over its entire outer surface and said end portions of said shield being spaced from said casing said distance at the points where said end portions are adjacent to said center portion and being spaced progressively greater distances from said shield at points remote from said center portion, said condenser having one of its terminals attached to said casing.

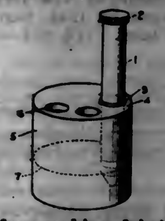
2,107,424

MARKING DEVICE

Herbert Platt, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware

Application July 16, 1936, Serial No. 91,270

1 Claim. (Cl. 120—43)



In a device for marking fabrics and the like with a lacquer-like ink, the combination with a holder having an opening therein and adapted to contain a non-volatile solvent for said ink, of a well for receiving a charge of ink, a head on said well, a writing attachment connected to said head and having a conduit therein leading from said head to the writing point of said attachment, a bearing surface at the end of said conduit, a spring-pressed ball cooperating with said bearing surface for normally sealing said well against the atmosphere and for permitting a flow of ink when pressure is applied to the point of said device, and a projection on the outer surface of said well adapted to limit the extent to which said well may enter the opening in said holder, the construction and arrangement being such that the writing point of the device, when it is not in use, dips just below the surface of the non-volatile solvent in the holder.

2,107,425

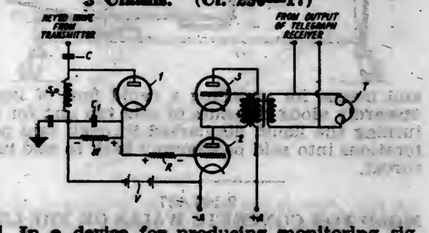
MONITOR

Curt Pretze, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application August 20, 1936, Serial No. 96,980

In Germany July 13, 1935

3 Claims. (Cl. 250—17)



1. In a device for producing monitoring signals indicative of the operativeness of a transmitter and for controlling the intensity of the signals produced, an oscillator including an electron discharge tube having electrodes connected in oscillation producing circuits, one of which circuits includes a source of potential sufficient to produce oscillations in said tube and circuit, a second electron discharge device having its impedance connected with said one of said circuits and source of potential to control the value of the potential applied by said circuit to one of said electrodes, said discharge device having a control grid and a circuit therefor including means for normally biasing said device to a point at which said second device impedance is high and oscillations are cut off in said first tube and circuit, a resistance connected with said control grid, rectifying means connected with said resistance for producing a potential therein opposing the normal potential applied to said control grid whereby oscillations may be produced in said oscillation generator tube and circuits, means for impressing wave energy to be monitored on said rectifier, and additional means for producing an additional potential drop which opposes said potential drop produced in said resistance when direct current flows in to the grid of said second named device.

2,107,426

WASHING MACHINE

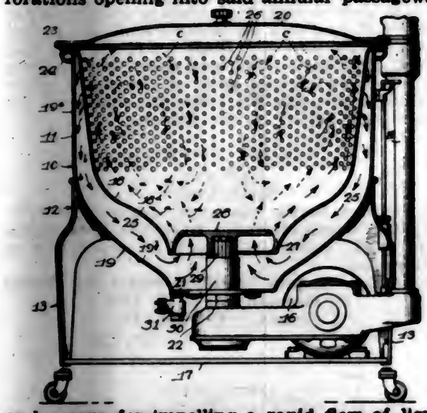
Roy E. Reed, Ripon, Wis., assignor of one-fourth to Horace Hull, Denver, Colo., one-fourth to Louis B. Reed, Greeley, Colo., and one-fourth to William E. Haseltine, Ripon, Wis.

Application January 17, 1936, Serial No. 59,555

11 Claims. (Cl. 68—37)

1. A washing machine comprising a tub having inner and outer walls, the inner wall terminating above the tub bottom in an annular inlet throat, said inner and outer walls being formed to provide an annular passageway between them increasing in cross sectional area from the top

to the bottom of the tub, where it communicates with the space below said inlet throat, the upper part of the inner wall being provided with perforations opening into said annular passageway,



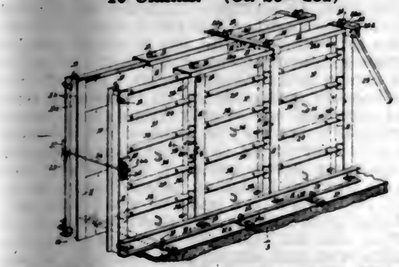
and means for impelling a rapid flow of liquid upwardly along the sides of said tub and for returning the liquid discharged through said perforations into said passageway back to said inlet throat.

2,107,427

MOLD FOR CONCRETE WALLS OR THE LIKE

Albert J. Schwarzler, New York, N. Y.

Application April 25, 1936, Serial No. 76,323
10 Claims. (Cl. 25—131)



1. Molds for concrete walls and the like comprising a plurality of concrete-retaining plates, a framework for supporting said plates and means for securing the plates to the framework, said means comprising longitudinal recesses in the sides of substantially parallel framework members, outwardly extending flanges on the plates extending into said recesses and means for locking said flanges against substantial movement within said recesses, said latter means comprising surfaces on inner sides of said flanges engaging inside surfaces of said recesses to limit the inward displacement of the plates, open slots in outer sides of said flanges and wedges disposed in said slots, coacting therewith and with inside surfaces of said recesses to limit the outward displacement of the plates.

2,107,428

BAIL EAR FOR SHEET METAL VESSELS AND METHOD OF MAKING THE SAME

Isaac E. Sexton, Winchester, Mass.

Application December 24, 1935, Serial No. 55,971
11 Claims. (Cl. 113—120)

8. The method of securing to a piece of sheet metal an element of sheet metal which comprises forming an upstanding boss on said piece of sheet metal so that the side wall of said boss is substantially perpendicular to the portions of the piece immediately surrounding said boss, forming on said element a flange extending radially outward and an extension on said flange having a length approximately equal to the height of the boss and



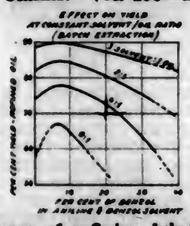
inclined inwardly to fit its terminal edge against the side wall of said boss, placing said element on said boss, and pressing on said flange to cause said terminal edge to indent a channel in the side wall of the boss and to flatten the boss so as to pinch the marginal portion of said extension in said indented channel.

2,107,429

PROCESS OF REFINING PETROLEUM

Bertrand W. Story and Vladimir A. Kalichevsky, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York

Application November 24, 1934, Serial No. 754,554
6 Claims. (Cl. 196—13)



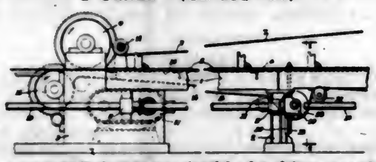
1. In a process of refining lubricant oil stock containing ingredients of low viscosity index, the steps which comprise intimately mixing with the oil a reagent consisting of aniline to which has been added not less than one and not more than fifteen per cent of benzol, and separating a substantial portion of said low viscosity-index ingredients from the oil as an extract.

2,107,430

CORRUGATED PAPERBOARD MAKING MACHINE

George W. Swift, Jr., Bordentown, N. J., assignor to George W. Swift, Jr., Inc., Bordentown, N. J., a corporation of New Jersey

Application April 16, 1935, Serial No. 16,542
1 Claim. (Cl. 154—30)



A corrugated paper double-backing machine, having an upper series of flexible endless friction-conveyor members disposed side by side across substantially the entire active width of the machine, and with their lower passes in position to overlie and frictionally advance the upper surface of a corrugated paper web traveling through the machine, a driving roll around which said frictional conveyor members run, and an idler roll located at the entrance end of the machine around

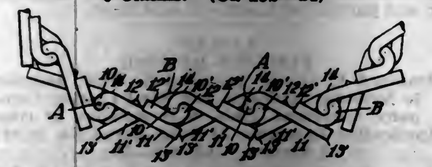
which said frictional conveyor members also run, means being provided whereby the position of said idler roll may be adjusted toward and away from the entrance end of the machine to maintain longitudinal tension in said conveyor members, an abutment member adjustable along the machine for limiting the longitudinal movement of said idler roll, and means for adjusting the longitudinal position of the roll relatively to said abutment member.

2,107,431

ANTISKID CROSS CHAIN

Edward Winthrop Tayler, Hammond, Ind., assignor to S. G. Tayler Chain Co., Hammond, Ind., a corporation of Illinois

Application January 27, 1937, Serial No. 122,612
6 Claims. (Cl. 152—14)



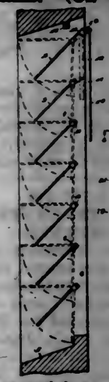
1. A link for an anti-skid chain consisting of two substantially U-shaped members each having legs of unequal length, the short leg of each member being overlapped on and secured to the long leg of the other.

2,107,432

WINDOW AND ITS ASSOCIATED SHADE

Andrew C. Thompson, Miami, Fla.

Application September 29, 1936, Serial No. 103,186
13 Claims. (Cl. 189—64)



1. A window comprising a vertical bank of horizontally hinged and overlapping sections, each of said sections comprising a glass pane and framing members along its sides and top, the lower edge of the glass pane being free and being adapted to lie against the top member of the next lowermost window section.

2,107,433

LONG DRAFT SPINNING CRADLE

James L. Truslow and Robert J. McConnell, Whitinsville, Mass., assignors to Whitin Machine Works, Whitinsville, Mass., a corporation of Massachusetts

Application December 5, 1935, Serial No. 52,970
6 Claims. (Cl. 19—131)

1. A long draft belt cradle comprising side plates rigidly united by a single cross bar which serves also as the bearing or support for the drafting belt, such belt being removable from the



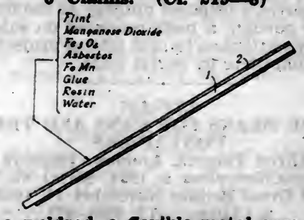
bar by passing it over one of said side plates and means for attaching said plates in fixed position in relation to a draft roll.

2,107,434

WELDROD

Lincoln B. Wilson, Barberton, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey

Application July 13, 1933, Serial No. 680,183
6 Claims. (Cl. 219—8)



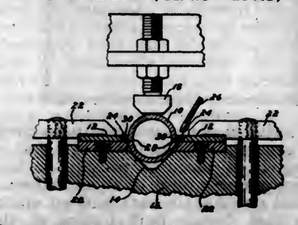
1. In a weldrod, a flexible metal core, and an enshrouding covering containing a metallic compound, and a nitrogen-free gum or resin-like component in an amount sufficient to render the covering cold plastic to a degree permitting bending through at least ninety degrees without separation of core and covering.

2,107,435

WELDING FINS TO TUBES

Thomas F. Birmingham, Hammond, Ind., assignor to The Superheater Company, New York, N. Y.

Application August 24, 1935, Serial No. 37,690
3 Claims. (Cl. 29—157.3)



1. The method of welding a fin on a tube and preventing consequential distortion of the fin and tube due to a contraction of the fin and tube at unequal rates upon cooling which comprises providing a welding groove between the fin and tube, depositing welding material in the groove, and flowing a cooling medium through the tube in contact with the interior thereof immediately adjacent the weld to cool the tube and the weld as the latter is laid.

2,107,436

ARTIFICIAL BAIT OR LURE

George W. Flanagan, Chicago, Ill.

Application September 24, 1934, Serial No. 745,269
4 Claims. (Cl. 43—39)

2. An artificial bait or lure comprising a rearwardly tapered body portion having a flat bottom, said body portion having a transversely

curved back and sides, and an integral head portion disposed in an upwardly inclined relation relative to the body portion and having convexly curved back and sides merging into the back and sides of the body portion, the head portion terminating in a short nose having a flat under surface, the under side of the head portion having a concave recess therein with a line attaching eye dis-



posed centrally thereof and in substantially spaced relation to the nose portion of the head, a bottom plate secured upon the flat bottom portion of the body, said plate having laterally projecting portions disposed midway of the length of the body portion, a hook mounted on said body, and spoons attached to said lateral projections of said bottom plate by swivel links.

2,107,437
CLOSURE MEANS FOR CANS AND THE LIKE CONTAINERS

Alfred Forsyth, London, England

Application November 9, 1934, Serial No. 752,248
In Great Britain November 14, 1933
3 Claims. (Cl. 220—42)



1. For closing a container having a neck with smooth substantially cylindrical internal surface terminating in a circular mouth, a lever lid formed from a single piece of sheet material comprising a flat diaphragm part and an upstanding circumferential flange part including the following external features arranged in the order named: an outwardly projecting annular bead at the junction of the flange part and diaphragm part, an annular depression, an outwardly projecting annular bulge flattened to present a narrow cylindrical surface of greater diameter than any other part of the lid and thereby adapted to lodge tightly in the cylindrical neck of the container, a second annular depression and a terminal outwardly projecting bead.

2,107,438
HAIR WAVING PAD

Ernest O. Frederics, Bronxville, N. Y.

Application January 23, 1935, Serial No. 3,065
12 Claims. (Cl. 132—36.2)

2. A hair waving pad which comprises a paper pulp sheet having a plurality of lines of stitching extending through the same to prevent undue expansion of the pulp when moistened, certain

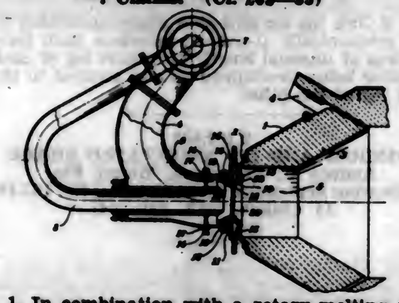


of said lines of stitching being closely adjacent to and parallel with edges of said sheet.

2,107,439
FURNACE BURNER

Beauford E. Gavin, Indianapolis, Ind., assignor to National Malleable and Steel Casting Company, Cleveland, Ohio, a corporation of Ohio

Application December 31, 1935, Serial No. 56,867
7 Claims. (Cl. 263—33)

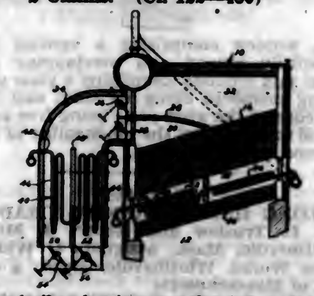


1. In combination with a rotary melting furnace, a pivotally mounted burner, a burner end-flange and means for adjustably mounting said burner end-flange in a plurality of fixed angled positions with respect to said burner.

2,107,440
COMPENSATING REHEATER AND SUPERHEATER

Charles W. Gerdes, Munster, Ind., assignor to The Superheater Company, New York, N. Y.

Original application September 3, 1934, Serial No. 743,175. Divided and this application February 8, 1936, Serial No. 62,951
2 Claims. (Cl. 122—480)



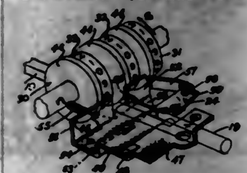
1. In a boiler having a reheater and superheater and having two gas paths in which said superheater and reheater lie, said superheater and reheater each having sections in both paths

but each having its surface unequally divided between said paths and having its larger section in a given path, and means whereby the ratio of gas flow over one section of the superheater to that over the other may be varied as compared to the ratio of gas flow over one section of the reheater to that over the other.

2,107,441
AUTOMATIC SHUT-OFF FOR METERS

Albert J. Granberg, Berkeley, Calif., assignor to Ralph N. Brodie Company, Oakland, Calif., a corporation of California

Application August 2, 1933, Serial No. 683,313
3 Claims. (Cl. 235—132)



1. In a mechanism of the character described, latching means, a plurality of rotatable discs, each of said discs having a notch in its edge, and a member associated with said latching means and movable into said notches when they are in alignment, a portion of said member being movable upon further movement of one of said discs to release said latching means.

2,107,442
FEEDING BOTTLE AND DEVICE THEREFOR

Cecil Hughes, Tuffley Crescent, Gloucester, England, assignor to Sure Feed Limited, Cardiff, South Wales, a British company

Application May 28, 1936, Serial No. 82,570
In Great Britain July 23, 1935
5 Claims. (Cl. 215—11)



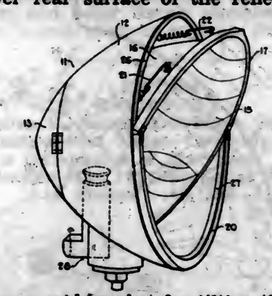
1. A device for use in connection with feeding bottles having an elastic-walled teat, comprising a fitment for application to the mouth of the bottle to divide the bottle and the teat into two chambers, a passage or passages connecting the inner and outer parts of the fitment, a non-return valve associated with said passage or passages to allow flow of liquid food from bottle to teat but to prevent return of liquid to the bottle, and means for passage of air through the fitment, said means allowing air to pass from the teat to the bottle, but substantially preventing passage of liquid from teat to bottle, said parts operating so that the teat when alternately extended and contracted operates as a force pump to deliver liquid through the teat delivery orifice or orifices.

2,107,443
HEADLIGHT FOR AUTOMOBILES

Ramón Castro Jiménez, Boston, Mass.

Application April 21, 1936, Serial No. 75,618
3 Claims. (Cl. 240—41.6)

1. An automobile headlight comprising a casing, a reflector, a lens mounted in the latter, a semi-annular rim portion, a catch securing said lens to the reflector, said semi-annular rim being formed with grooves in each end thereof, a counterpart to said semi-annular rim being integrally secured to the casing, said counterpart being at its upper ends provided with pivots therein adapted to engage the grooves in the first said semi-annular rim portion, a bracket secured to the lower rear surface of the reflector, a bolt



acting upon said bracket for tilting the reflector, and spring actuated hooks connected between the casing and the reflector, and adapted to move the reflector to its normal position, when it is not urged into a tilting position.

2,107,444
LIPSTICK HOLDER

Nathan Kasdan, New York, and Richard F. Landwehr, Woodside, L. I., N. Y., assignors to Majestic Metal Specialties, Inc., New York, N. Y., a corporation of New York

Application February 13, 1932, Serial No. 592,690
19 Claims. (Cl. 206—56)



4. A dispensing holder comprising a casing, a carrier for material to be discharged and slidable within said casing, a pivotal closure for said casing where the material is ejected, an actuating knob projecting from said casing, means connecting said closure with said knob whereby the closure may be positively opened and closed by movement of said knob and said carrier simultaneously moved to eject material from said casing, said means including an inner casing slidable in the first mentioned or outer casing by means of said knob, both of said casings being provided with slots which do not coincide throughout their lengths whereby the inner casing may be movable by said knob to close the slot in the outer casing when said closure is shut, said slots being parallel and inclined, the inner slot being provided with a transverse offset portion at its end remote from the closure.

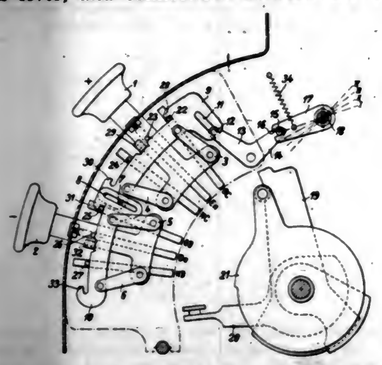
2,107,445
CONTROLLING MECHANISM FOR CASH REGISTERS AND BOOKKEEPING MACHINES

Albert Klaar, Bielefeld, and Friedrich Arndt and Helmut Berning, Essen, Germany, assignors, by mesne assignments, to The National Cash Register Co., Dayton, Ohio, a corporation of Maryland

Application August 30, 1934, Serial No. 742,998
In Germany August 31, 1933
12 Claims. (Cl. 235—130)

1. In a machine of the class described, two motor bars, locking means associated therewith

to lock either bar in its undepressed position, a total lever, and connections between the total



lever and locking means to render the latter ineffective by movement of the lever.

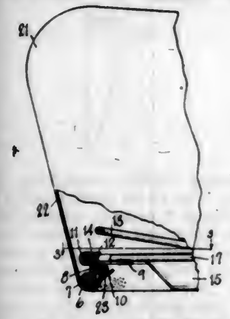
2,107,446

SPRING CUSHION STRUCTURE

Thomas Koliba, Detroit, Mich., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich.

Application September 24, 1936, Serial No. 102,296

14 Claims. (Cl. 155—180)



1. In a spring cushion structure, the combination of a border frame comprising fixedly connected side and end members formed of metal strips, the strips being folded longitudinally to provide a bottom bight enclosing a wire reinforcing element, the arms above the bight being disposed side by side to provide an upstanding web, the inner arm terminating in a horizontal flange having hook-like upholstery securing members struck downwardly therefrom, the outer arm terminating in an outwardly offset inwardly facing U-shaped spring supporting channel spaced from said reinforced bottom bight, cross bars extending between said side members arranged upon and welded to said inwardly projecting flanges thereof, a spring supporting wire grid disposed upon said cross members with their ends lapped upon and welded to said inwardly projecting flanges, coiled body springs arranged on said grid, the bottom coils of certain of said body springs being clamped within the inwardly facing spring supporting channel, and an upholstery covering for said springs having a depending skirt wrapped around the bottom of said border frame and having a beaded edge engaged with said upholstery securing members.

2,107,447

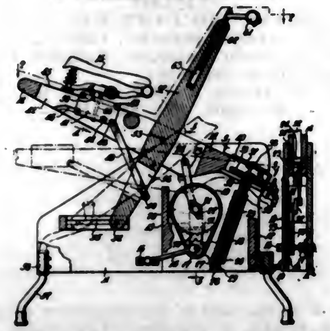
EXERCISING MACHINE

Harold J. Marlowe, New Rochelle, N. Y., assignor to Marlowe Products Inc., New York, N. Y., a corporation of Delaware

Application July 3, 1934, Serial No. 733,546

Renewed May 13, 1937

8 Claims. (Cl. 272—73)



1. An exercising machine comprising a support base, a handle bar and a seat bar hingedly connected together, a seat slidable along said seat bar and having a linkage connection to said base, a pedal device having a linkage connection with respect to said seat bar, resilient means storing energy at one phase of the operation of said pedal and releasing said energy at another phase thereof to cause movement of said bars and sliding of said seat with alternations of resistance and relief in the operation of the device.

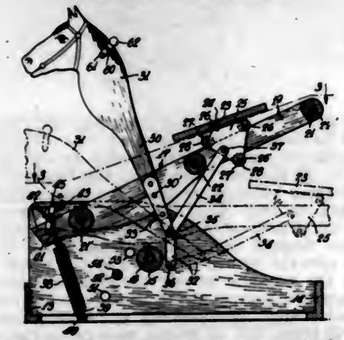
2,107,448

HOBBYHORSE

Harold Jay Marlowe, New Rochelle, N. Y.

Application September 20, 1935, Serial No. 41,388

19 Claims. (Cl. 272—52)



1. A hobby horse comprising a support frame, a sliding seat, a moving head, and means interlinking said seat and said head with respect to said frame, said means including a toggle limiting the movement of one of said elements, said toggle having setting means rigid with the other of said elements.

2,107,449

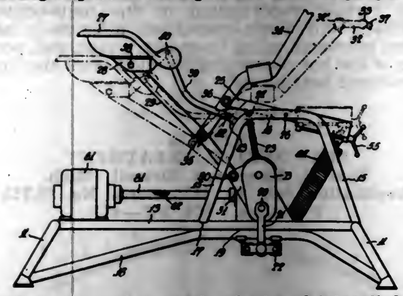
EXERCISING MACHINE

Harold J. Marlowe, New Rochelle, N. Y., assignor to Marlowe Products Inc., New York, N. Y., a corporation of Delaware

Application December 6, 1935, Serial No. 53,124

28 Claims. (Cl. 128—33)

1. An exercising machine comprising a support base, a handle member, a seat member, and pedal cranks on said support, an electric motor having a speed reducing connection for propelling



said cranks and a speed reducing driving linkage between said motor, said handle member and said seat member, to move the latter two members alternately toward and away from each other.

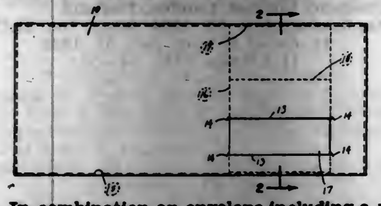
2,107,450

COMBINATION ENVELOPE AND RETURN MAILING DEVICE

Chauncey Kenneth Miller, Indianapolis, Ind.

Application June 18, 1936, Serial No. 86,017

11 Claims. (Cl. 229—73)



1. In combination an envelope including a pair of adjacent slits, an article loosely mounted therein of substantially the same outline as and of slightly lesser area than the envelope, and an addressed reply structure in the envelope and threaded through the slits for exposure of an address portion between the slits, the effective length of the slits being slightly greater than the width of the exposed structure, one end of the structure being turned back upon the same, the article being nested between the structure and its turned-back end.

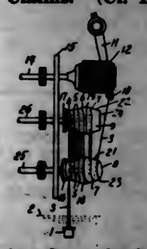
2,107,451

MANUFACTURE OF RAYON AND THE LIKE

Oskar Oppenlaender, Rome, Ga., assignor to Tubize Chatillon Corporation, New York, N. Y., a corporation of Delaware

Application September 28, 1935, Serial No. 42,604

7 Claims. (Cl. 18—8)



1. In apparatus for spinning rayon and the like, the combination with a spinnerette and a collecting device of a plurality of power-driven rotors over which the thread is looped in its travel from the spinnerette to the collecting device, said rotors having serrated surfaces of conical form and being fixedly mounted in spaced relation to each other on separate shafts.

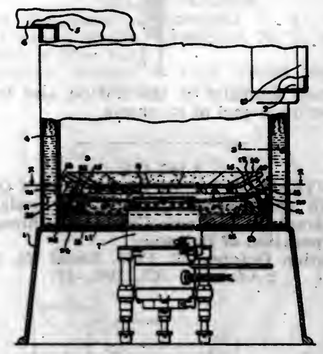
2,107,452

OIL BURNER

Theophilus H. Smoot, Baltimore, Md., assignor to Anchor Post Fence Company, Baltimore, Md., a corporation of Maryland

Application May 17, 1934, Serial No. 726,139

16 Claims. (Cl. 158—4)



1. A heater having a combustion chamber, an oil burning equipment comprising a horizontal refractory hearth forming the floor of the combustion chamber and an oil burner having a head centrally located with respect to the hearth and rotating about a vertically extending axis and provided with means for centrifugally delivering oil horizontally and outwardly above the hearth and with means for delivering air outwardly over the hearth to provide and maintain an air stratum below the centrifugally delivered oil, and a fire brick structure arranged upon the hearth and comprising a base portion having an inner lower air deflecting face and an upper oil striking face, and an upper air and oil vapor controlling deflector set at an inclination and extending upwardly and outwardly and supported above and in spaced relation to the base portion, the inner portion of the deflector overlying the lower inner air deflecting face of the base portion and projecting inwardly past the same.

2,107,453

HOSE SUPPORTER BUTTON

Henry J. Stuart, New Haven, Conn.

Application February 16, 1935, Serial No. 6,776

4 Claims. (Cl. 24—245)

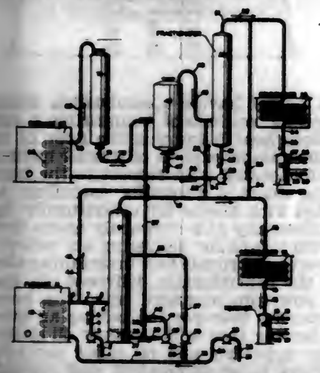
1. In a hose supporter button, a body including a head and a shank, a pair of spaced openings through said button, said button including a bar-like body portion between said openings, a tape threaded through both of said openings whereby to dispose the button on an intermediate portion of the tape with the tape looped about the bar-like portion of the button, said bar-like body portion having its shank end shortened for a distance substantially equal to the thickness of a layer of tape, and said shank having a notch opposite one of said openings and of the width

of the tape and of a depth equal to the thickness of two layers of the tape whereby the tape may



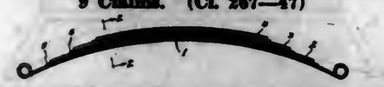
be carried laterally of the button and be flush with the inner end of its shank.

2,107,454
CONVERSION OF HYDROCARBON OILS
Kenneth Swartwood, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application October 26, 1933, Serial No. 695,267
2 Claims. (Cl. 196—48)



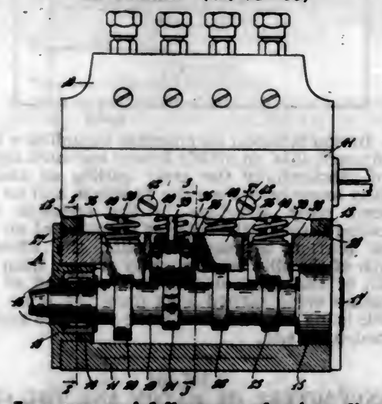
1. A process for the conversion of hydrocarbon oils which comprises subjecting charging stock for the process to fractional distillation by commingling the same with hot conversion products from a heating coil whereby the commingled conversion products and charging stock are separated into fractionated vapors, comprising desirable low-boiling fractions which are condensed and collected, intermediate fractions and high-boiling fractions supplying the intermediate fractions to the heating coil for conversion, subjecting the high-boiling fractions to further vaporization, subjecting the resulting vapors to fractionation, subjecting reflux condensate resulting from said fractionation to conversion temperature at superatmospheric pressure in a separate heating coil and communicating reaction chamber, subjecting the resulting liquid conversion products to further vaporization at substantially reduced pressure, together with the aforementioned high-boiling fractions, subjecting the vaporous conversion products to said fractionation, together with the vapors resulting from said further vaporization of the liquid conversion products and high-boiling fractions, subjecting fractionated vapors of the desired end-boiling point to condensation and collecting the resulting products, the process being further characterized in that said further vaporization of the high-boiling fractions and liquid conversion products is assisted by commingling therewith a regulated portion of the hot conversion products from the first mentioned heating coil.

2,107,455
LEAF SPRING TREATMENT
Tom H. Thompson, Detroit, Mich.
Application July 22, 1935, Serial No. 32,725
9 Claims. (Cl. 267—47)



1. A leaf spring liner comprising a fibrous body, foliate mineral material embedded in the body in the form of flakes or scales, and a lubricant in solid form for which said mineral material has an affinity.

2,107,456
CAM AND FOLLOWER MECHANISM
George Joseph Trapp, Merton Park, London, England, assignor to Automotive Products Company Limited, London, England
Application July 21, 1936, Serial No. 91,775
In Great Britain July 31, 1935
11 Claims. (Cl. 74—55)

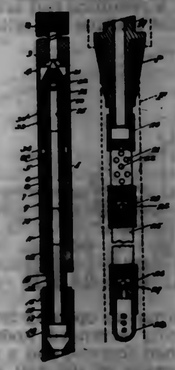


1. In a cam and follower mechanism, disposed within a structure serving as the body of a pump or equivalent device, a housing having a hole providing parallel guiding surfaces for a reciprocatory sliding follower, said housing itself being fitted within the body by means of slides extending at right angles to the movement of the follower, and being inserted in place by movement along its slides.

2,107,457
APPARATUS FOR MAKING CASING AND FORMATION TESTS IN WELLS
Clifford E. Van Stone, Taft, Calif., assignor to Don Shaffer Tool Corporation, a corporation of California
Application June 15, 1936, Serial No. 85,187
15 Claims. (Cl. 166—1)

1. A well testing tool having a tubular string with a formation or casing packer, a specimen

barrel having self-closing valve means to trap well fluid, and said string having above said means a test-flow valve for closing the string thereabove so that it may be lowered into the well hole empty and being openable for permit-



ting inflow of well fluid to the barrel under its own pressure from below the set packer to the empty string above the valve; said trapping means operative to hold a specimen while the string is being drawn with the flow valve open to drain the string above the trapping means.

2,107,458
TEXTILE MANUFACTURE
Patrick H. Walsh, East Orange, N. J., assignor to Geo. S. Harwood & Son, Boston, Mass., a copartnership composed of John H. Harwood and John H. Harwood, Jr.
Application March 21, 1935, Serial No. 12,185
3 Claims. (Cl. 19—105)



3. The combination with a fiber weighing mechanism having means operative to deposit successive batches of fibrous material in elongate windrows, and a support for the reception of such windrows, of a pusher extending longitudinally of the windrows, actuating means to advance said pusher bodily in a direction substantially perpendicular to the length of a windrow positioned as when first deposited on the support, said actuating means also being operative to orient the pusher as it advances, the pusher being constructed and arranged to exert force in a direction lengthwise of the windrow with which it contacts, thereby to elongate the windrow simultaneously with orientation of the latter.

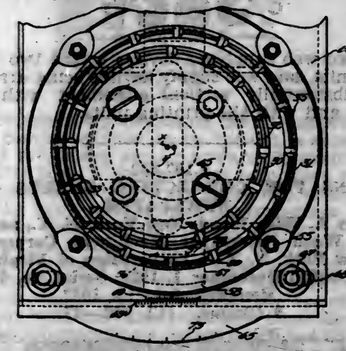
2,107,459
TASSEL
Ernest E. Weller, Providence, R. I.
Application March 23, 1934, Serial No. 716,862
21 Claims. (Cl. 2—273)

1. A tassel comprising a cap, a tuft of a plurality of strands, a securing member having an abutment to prevent it from passing through



said tuft, said cap and member having engaging surfaces to secure them together.

2,107,460
METHOD OF AND MECHANISM FOR PRODUCING GEARS
Ernest Wildhaber, Irondequoit, N. Y., assignor to Gleason Works, Rochester, N. Y., a corporation of New York
Application August 1, 1935, Serial No. 34,238
24 Claims. (Cl. 90—4)



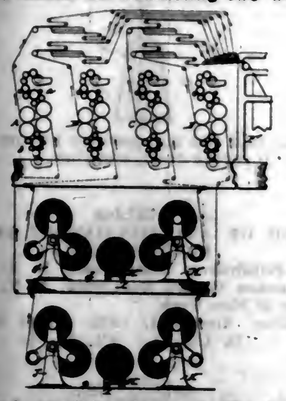
1. A mechanism for cutting longitudinally curved tooth gears comprising a tool spindle, a face-mill gear cutter rigidly secured to said tool spindle, a second face-mill gear cutter mounted in eccentric relation to the first cutter, a driving member operatively connecting the second cutter with the first cutter and movable radially of the axis of the tool spindle during rotation of the tool spindle to maintain said operative connection, and means for driving the tool spindle to rotate both cutters simultaneously.

11. The method of cutting a longitudinally curved tooth gear which comprises employing a pair of face-mill gear cutters that are mounted one within the other and spaced so as to operate simultaneously in adjacent tooth spaces of the blank, producing a relative feed movement between said cutters and the blank while rotating the blank in one direction to rough cut the tooth spaces and, after full depth position is reached, reversing the direction of rotation of the blank and rolling the blank relative to the cutters to finish cut opposite sides of a tooth of the blank.

2,107,461
WEB SUPPLY ARRANGEMENT OF PRINTING PRESSES
Henry A. Wise Wood, New York, N. Y., assignor to Wood Newspaper Machinery Corporation, New York, N. Y., a corporation of Virginia
Application March 10, 1934, Serial No. 714,917
1 Claim. (Cl. 270—5)

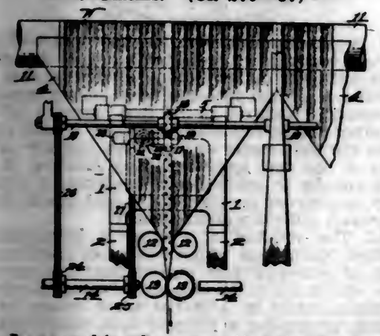
In a printing press, the combination of two printing units adjacent each other, two web supply devices, including each a magazine reel

for carrying a plurality of web rolls, both located below the printing units and one below the other, means for conducting two webs from



the two web supplying devices to the two printing units, said web supply devices being arranged in substantially vertical alignment with each other and with the printing units.

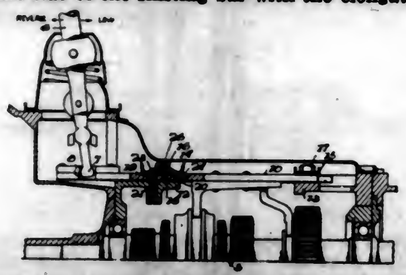
2,107,462
MEANS FOR CONNECTING SHEETS OF A NEWSPAPER
Henry A. Wise Wood, New York, N. Y., assignor to Wood Newspaper Machinery Corporation, New York, N. Y., a corporation of Virginia
Application December 1, 1934, Serial No. 755,541
Renewed July 13, 1937
9 Claims. (Cl. 270—37)



1. In a machine for connecting the sheets of a newspaper, the combination of means for directing a plurality of webs over a course, and means for projecting a small portion of one web entirely through another web while the webs are traveling.

2,107,463
GEARING
Elmer J. Woltersdorf, Van Horne, Iowa
Application April 7, 1937, Serial No. 135,558
4 Claims. (Cl. 74—475)

1. In transmission gearing, a reverse and first speed shifting bar having reverse, neutral and first speed recesses formed upon one side thereof in a longitudinal group, a spring pressed detent to enter the recesses in succession, said bar being provided upon its opposite side with a recess having a width corresponding to the width of the reverse recess and an elongated recess, the last named recesses being arranged in a longitudinal group, and the elongated recess having a length substantially equal to the distance between the outer sides of the neutral and first speed recesses, a retaining rail arranged upon the same side of the shifting bar with the elongated



recess and having an opening formed therein, a stout leaf spring arranged upon the retaining rail and attached thereto, and a detent arranged within the opening of the rail and engaged by the leaf spring and moved thereby toward the bar to enter the second named recesses formed upon the same.

2,107,464
TELEVISION SYSTEM
Vladimir K. Zworykin, Philadelphia, Pa., assignor to Radio Corporation of America, a corporation of Delaware
Application August 5, 1932, Serial No. 627,565
Renewed September 12, 1936
13 Claims. (Cl. 178—6.5)



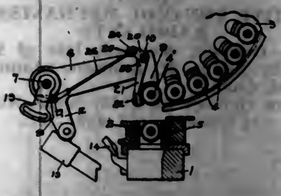
1. In television apparatus, a transmitting station having thereat a plurality of scanning devices, means for causing each of the scanning devices to analyse alternately adjacent elemental sections of a subject of which an image is to be produced, means to produce by the analyzing operation image scanning currents, a receiving station, a communication channel between the transmitting and receiving stations, a single cathode ray image reconstructing device at the receiving station responsive to the signal currents of each of the plurality of transmitter scanning devices and adapted to reproduce in the sequence of the transmitting station the scanning paths, and a grating interposed between the image reconstructing device and an observer thereof so that the image reconstructing device when viewed through the grating appears to represent a three-dimensional image of the subject located at the point of transmission.

2,107,465
HAND TRUCK CONVEYER
Clarence S. Berggaard, Somerville, Mass.
Application April 5, 1937, Serial No. 135,673
18 Claims. (Cl. 104—171)



1. An inclined elongated platform; a pair of channel irons longitudinally disposed thereon; a pair of sprocket wheels at the opposite ends of each of said channel irons; endless chains on said sprocket wheels; means for transmitting motion to said chains; a plurality of transversely disposed shafts carried by each pair of chains; a roller revoluble on each shaft; and spools at the opposite ends of and revoluble on said shafts, said spools being adapted to travel over the flanges of said channel irons.

2,107,466
BOBBIN CHANGING LOOM
Carl D. Brown, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application November 3, 1937, Serial No. 172,554
8 Claims. (Cl. 139—251)



1. In a filling replenishing mechanism for automatic bobbin changing looms, the combination of a transferrer, a bobbin supporting device movably mounted on said transferrer for movement into and out of bobbin supporting position, and means for moving said device out of said position prior to operative movement of said transferrer and returning said device to said position after said movement of said transferrer is completed.

2,107,467
FINISHING WELT
Henry W. Buhler, Gloucester, Mass.
Application November 23, 1934, Serial No. 754,450
3 Claims. (Cl. 36—36)



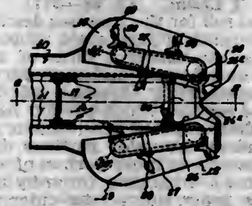
1. Hard-surfaced glossy decorative trimming of the class described which is strong, flexible and capable of bending sharply without breaking and of retaining its shape after bending, comprising hard glossy strands of regenerated cellulose so concatenated as to form a flexible close-textured tubular jacket substantially devoid of tendency to twist, and a flexible stuffer of thin cellulosic sheet material filling said jacket and held in a state of radial compression by the jacket.

2,107,468
TEMPERATURE MEASURING DEVICE
Irving Lorenzo Canuteson, Beaumont, Tex., assignor to Precision Scientific Company, Chicago, Ill., a corporation of Illinois
Application April 29, 1937, Serial No. 139,808
11 Claims. (Cl. 73—354)



9. A temperature measuring device comprising a bowl having an inlet in its bottom, a suspension rod projecting axially upward through the top of the bowl, a thermometer associated with the suspension rod with its lower end disposed within the bowl, a valve upon the suspension rod adapted to close the inlet in the bottom of the bowl, a spring tending to move the bowl along the suspension rod and retain the inlet closed by the valve, and a latch for retaining the bowl and suspension rod displaced against the action of the spring with the valve separated from the inlet, said latch including a detent supported by the bowl and engaging a ledge upon the suspension rod, means for shifting the detent out of engagement with the ledge upon a jerk of the suspension rod and permit the bowl to rise and close the inlet, a floating valve slidably associated with the suspension rod above the bowl and adapted to close an inlet in the top of the bowl, and a stop retaining the floating valve out of engagement with the inlet in the top of the bowl when the bowl is latched in its lowered position, said floating valve upon release of the latch being designed to close said last-mentioned inlet by its own weight.

2,107,469
LOADING MACHINE
Frank Cartlidge, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application November 9, 1935, Serial No. 49,004
3 Claims. (Cl. 198—8)



3. In a loading machine, a gathering and loading element comprising an inclined endless conveyer, an apron mounted on each side of said conveyer a substantial distance thereabove and

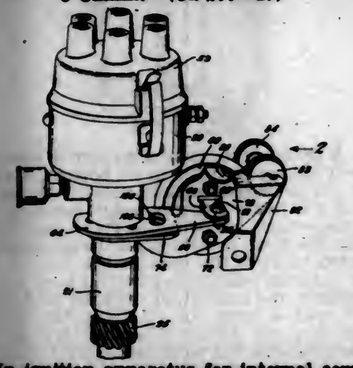
extending therealong beyond the forward end thereof to the ground, a gathering device mounted on each of said aprons and extending therealong, each of said gathering devices including an orbitally guided endless chain having laterally projecting gathering arms, and the space between said aprons forming an open channel substantially below the path of movement of said gathering arms and inclined upwardly from the ground in substantially the same plane as said conveyer.

2,107,470

IGNITION DISTRIBUTOR

James M. Crawford, Detroit, and Henry A. Schwager, Royal Oak, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application August 7, 1933, Serial No. 684,026
5 Claims. (Cl. 200—19)



1. In ignition apparatus for internal combustion engines comprising a housing having a shank and a shaft extending through said shank and into the housing for operating an interrupter, means for oscillating the housing relative to the shaft, comprising in combination, an arm attached to the shank, a bracket pivotally supported by the shank, means carried by said bracket and connected with said arm for varying the angular relation of the bracket and arm, a second bracket adapted to be fixed to the engine frame, and means for manually adjusting the first bracket relative to the second bracket and for securing the first bracket in the desired position of adjustment.

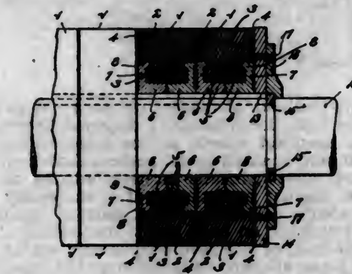
2,107,471

SECTIONAL ROLL

H. Stanley Crysler, Lowell, and Robert J. Wilkie, Newton, Mass.

Application March 20, 1937, Serial No. 132,074
1 Claim. (Cl. 68—277)

A sectional roll for the purposes described comprising a plurality of juxtaposed rubber sections, each having the inherent form of a solid of revolution, and having an outer portion, constituting substantially one-half of the radial depth of the section, which portion has a cylindrical periphery exposed at the active surface of the roll, and annular side portions disposed in radial planes and an inner portion of lesser axial width defining overhanging, inwardly facing surfaces at the inner side of the outer portion, a central shaft on which the sections are mounted, a series of metallic members carried by the shaft, each having a hub portion non-rotatably associated with the shaft and an annular flange disposed adjacent the inner portion of the rubber section, received beneath the overhanging surface thereof and having a substantially cylindrical surface underlying and supporting the said overhanging surface, said metallic members being pressed together axially along the shaft to press said flanges in compressing gripping relation



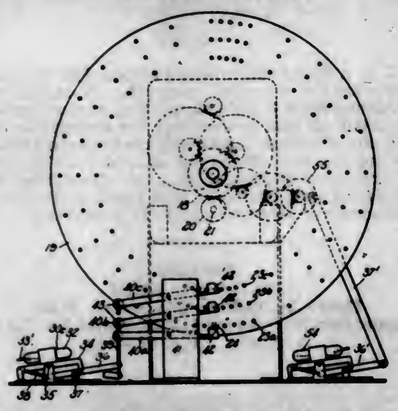
against the inner portions of the rubber sections, providing a frictional grip resisting relative circumferential movement, the outer parts of said rubber sections being of relatively soft rubber and the inner parts being of relatively hard rubber, the parts merging substantially at the location of the outer peripheries of the flanges.

2,107,472

SELECTIVE CONTROL MECHANISM FOR RADIO SETS

James H. Denison, deceased, late of Hartford, Conn., by Alvina M. Denison, administratrix, Hartford, Conn.

Application October 24, 1933, Serial No. 694,980
14 Claims. (Cl. 250—20)



1. In a selective control mechanism for radio sets and in combination with a tuning device of the set, a clock mechanism, dial means driven thereby and having a plurality of circles of openings, control plugs adapted to be selectively positioned in said openings, a plurality of switches respectively associated with said circles of openings, an operative connection between each switch and the control plugs carried by the respective circle of openings, each of said connections including a pivoted lever having a cam surface of predetermined length representing a predetermined length of time and adapted to be engaged by the respective plug to hold the switch

in operated position, and a plurality of electromagnets respectively associated with said switches and operatively connected to said tuning device and arranged to move said tuning device differentially to several predetermined positions.

2,107,473

COMPOSITION AND METHOD FOR THE TREATMENT OF HYDROCARBON EMULSIONS

William E. Elliott, Youngstown, Ohio

No Drawing. Application September 12, 1934, Serial No. 743,713
2 Claims. (Cl. 196—4)

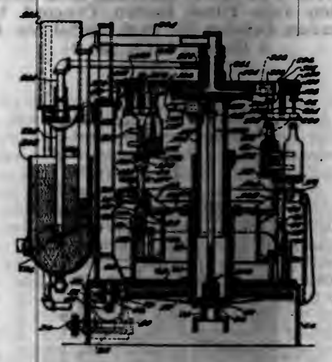
2. The method of treating emulsified hydrocarbons to demulsify the same, which comprises incorporating therein naphthalene, sodium carbonate and iron sulphate with the naphthalene predominating the sodium carbonate and iron sulphate.

2,107,474

RECEPTACLE CLEANING AND FILLING MACHINE

Arthur Clarence Everett, Boston, Mass., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass., a corporation of Massachusetts

Application April 13, 1935, Serial No. 16,175
12 Claims. (Cl. 226—68)



1. A receptacle cleaning and filling machine having, in combination, means for moving a plurality of receptacles through the machine in a plurality of concentric but spaced circular paths, pneumatic cleaning means for the receptacles being moved in the outer path, filling means adapted to fill the receptacles being moved in the inner path, and means for transferring receptacles after having been cleaned from the outer to the inner path, all of said means being operatively connected to operate in timed relation.

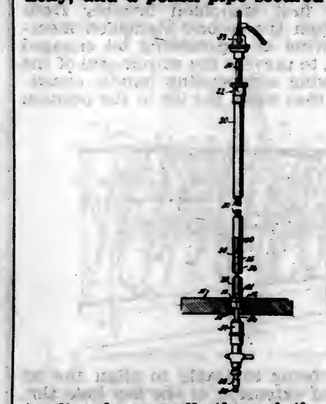
2,107,475

ROTARY WELL DRILLING APPARATUS

David Thomas Foster, Khaur, Punjab, India, assignor to Regan Forge & Engineering Company, a corporation of California

Application January 18, 1937, Serial No. 120,977
10 Claims. (Cl. 255—23)

1. In a rotary well drilling device, a rotary table, a torque tube of sufficient length to house a kelly connected to the table and rotatable therewith, a kelly non-circular in cross section, means on the torque tube engaging the kelly, and a polish pipe secured to the kelly extending downwardly through the torque tube and rotary table.

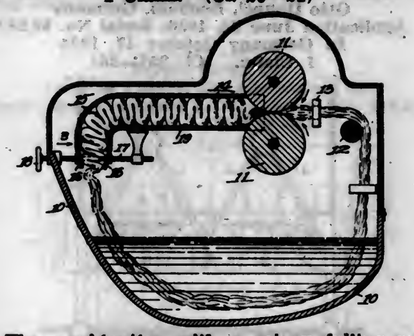


2,107,476

FULLING CANAL

Tom Frusher, Jr., Groton, Conn., assignor to Rodney Hunt Machine Company, Orange, Mass., a corporation of Massachusetts

Application December 9, 1935, Serial No. 53,459
1 Claim. (Cl. 26—21)



The combination with a rotary fulling mill and its friction rolls, of a fulling canal of uniform and constant shape from the friction rolls to a point near the other end thereof, said canal being straight for a material distance and curved downwardly at said other end, and control gates at the bottom of the curved section provided with means for moving them toward or from each other to control the discharge and the fulling.

2,107,477

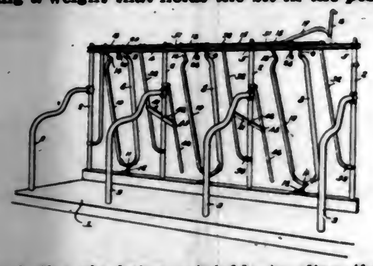
STALL

Herbert H. Grubb, Baraboo, Wis.

Application July 25, 1936, Serial No. 92,660
3 Claims. (Cl. 119—148)

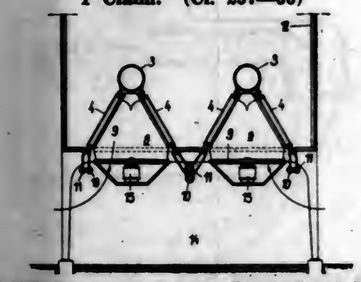
1. In a stall, a guide comprising upper rails having openings, first and second stanchion members, the first stanchion member being movable between the rails, toward and away from the second stanchion member, means for attaching the second stanchion member to the guide, a hollow head secured to one rail and having a key hole slot comprising a main part and a reduced extension, a locking pin mounted in the

openings and in the main part of the key hole slot and engaged with the first stanchion member to prevent the first stanchion member from moving away from the second stanchion member, the pin having an upstanding bit engaged within the head, to prevent the withdrawal of the pin, the pin having a depending handle constituting a weight that holds the bit in the position



stated, the pin being rotatable to align the bit with the reduced extension of the key hole slot, whereupon the pin may be withdrawn from engagement with the first stanchion member, the pin having a terminal enlargement of such size as to pass through the openings but to engage in the main part of the key hole slot, thereby leaving the pin hanging from the head.

2,107,478
AIR-COOLED SURFACE CONDENSER
Otto Happel, Bochum, Germany
Application June 22, 1936, Serial No. 86,682
In Germany October 17, 1934
1 Claim. (Cl. 257—36)



A high vacuum surface condenser for stationary steam engines and turbines operating under high vacuum, comprising a foundation having a suction chamber, a main distributing pipe in a space above the chamber and through which the exhaust steam passes from the turbine, groups of ribbed tubes of which each tube is of small cross-section connected to and extending in pairs down from the distributing pipe to form an acute angle, and a plurality of fans arranged in a row under the tube elements to draw a large volume of air from the suction chamber up and around the tube elements.

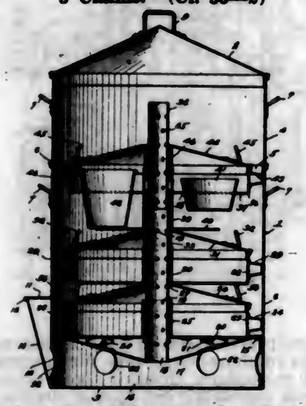
2,107,479
WINDOW LOCK
Walter F. Hinderer and Louis C. Hinderer, Kankakee, Ill.
Application July 15, 1936, Serial No. 90,770
1 Claim. (Cl. 292—60)

A window lock comprising a cylindrical casing open at one end and substantially closed at its other end and having a mounting plate at the open end, said casing being further provided with an internal longitudinal guide-way having laterally and correspondingly directed latching terminals, a helical compression spring extending longitudinally and centrally of the said casing and secured at its inner extremity to the said substantially closed end of the casing, a tubular plunger slidable and rotatable in said casing and circumposed on the said spring, a pin on said plunger engaging in the guide-way of the casing, a separately formed plunger head provided with



a reduced boss having a forced fit in and closing the outer end of the plunger, said boss providing a bearing surface against which the outer end of the spring is pressed to normally urge the plunger outwardly of the casing, and fingers on the inner end of the boss in engagement with the spring and holding the latter in a state of torsion effective to rotate the plunger at the end of its inward and outward travel for automatically seating the pin of the plunger in a latching terminal of the said guideway.

2,107,480
STEAM COOKING BOILER AND BAKER
Abby Jane Tilton Holten, Concord, Vt.
Application October 23, 1936, Serial No. 107,278
5 Claims. (Cl. 53—2)

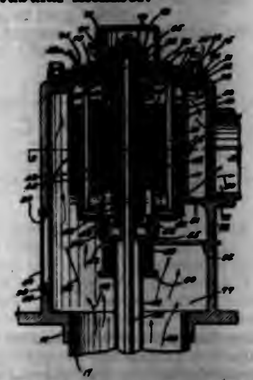


1. In a device of the class described, a casing having a steam chamber in its lower portion, a dish in the casing and disposed above the steam chamber, and a cover on the dish, the cover having an opening, the bottom of the dish being supplied with an upstanding sleeve terminated in spaced relation to the cover, the steam chamber being provided with a flue which extends upwardly through the sleeve and through the opening, the flue having a perforation which communicates with the dish.

2,107,481
WATER COOLED MOTOR
Carl E. Johnson, Pasadena, Calif., assignor to Sterling Electric Motors, Inc., Los Angeles, Calif., a corporation of California
Application February 20, 1928, Serial No. 255,723
17 Claims. (Cl. 103—102)

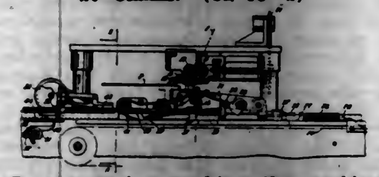
1. In combination in a pump head: a pump

head casing; a motor shell secured to said pump head casing; a stator in said shell; a rotor adapted to rotate adjacent said stator, said stator and rotor cooperating to define a motor structure; a hollow shaft on which said rotor is mounted; a tubular member mounted in fluid-tight relationship with said shell and extending upward through said hollow shaft to a point above the surface level of a neutral liquid contained in said shell, said surface level being above said motor structure; pump means for forcing a cooling medium in contact with the periphery of said shell in a manner to absorb heat generated in said motor structure and transmitted to said shell through said neutral liquid; and means preventing entry of said cooling medium into the lower end of said tubular member.



10. In a pump head for a deep-well turbine pump, the combination of: a pump head casing providing a chamber and intake and discharge passages communicating with said chamber, said turbine pump forcing a stream of cooling liquid through said passages and said chamber; a shell extending into said chamber and into the path of travel of said stream of liquid entering said intake passage and leaving said discharge passage, there being an annular space between said casing and said shell through which said liquid moves in an arcuate path; an oil-filled electric motor in said shell; a shaft operatively connecting said electric motor and said pump; and means above said discharge passage for suspending said shell in said casing.

2,107,482
WRAPPING OR PACKING MACHINE
William Joseph Kemp, Deptford, London, England, assignor to Molins Machine Company, Limited, London, England
Application June 25, 1935, Serial No. 28,381
In Great Britain July 25, 1934
20 Claims. (Cl. 93—2)



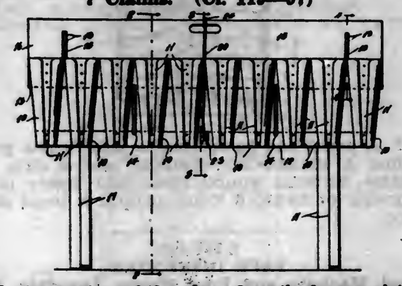
1. In a wrapping machine, the combination with web feeding means, of means to sever unequal lengths of material from a web, and means to assemble portions of material of unequal length to form a composite wrapper blank of desired length.

2,107,483
VARIABLE SPEED TRANSMISSION
Albert Breakenridge Knight, Fairmont, W. Va.
Application June 12, 1936, Serial No. 84,941
9 Claims. (Cl. 74—230.17)



1. A transmission unit comprising a shaft, a pair of coacting transmission members relatively longitudinally slidable on said shaft and provided with conical adjacent faces adapted to receive a belt therebetween, said transmission members being provided with slots forming fingers therebetween inter-engageable to render said transmission members movable to relative positions with their peripheral portions in close proximity, and a coaxial supporting sleeve member carried by each transmission member for supporting it with respect to said shaft, each sleeve member extending approximately to the inner end of its associated transmission member.

2,107,484
FOWL HOLDER
John B. Lesher, Chambersburg, Pa.
Application December 3, 1936, Serial No. 114,049
7 Claims. (Cl. 119—97)

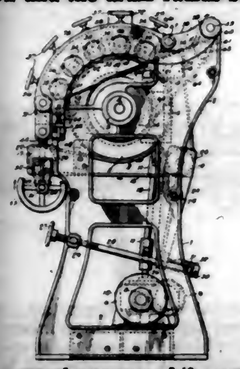


6. Apparatus of the class described comprising a support, hooks on said support, a batten having means pivotally and detachably engaging said hooks, and fowl holders connected to the batten and open at both ends, said holders through pivotal movement of the batten adapted for disposition relatively close at one end to the support to prevent escape of the fowl.

2,107,485
PROCESS AND APPARATUS FOR ADHESIVELY UNITING PLIES OF FABRIC MATERIAL
Benjamin Liebowitz, New York, N. Y., assignor to Trubenizing Process Corporation, New York, N. Y., a corporation of New York
Application July 11, 1936, Serial No. 90,232
3 Claims. (Cl. 154—1)

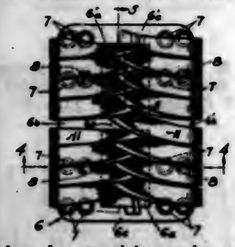
3. In apparatus for adhesively uniting an assembly of fabrics which has been treated with

a solvent, a rotary drum, an endless belt having a reach bearing under tension against the face of the drum throughout an arc of the path of movement thereof, the relationship between the belt tension and the drum radius being such as



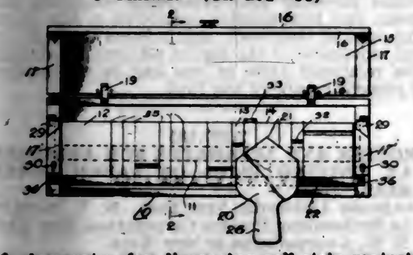
to cause a normal pressure of the order of twenty pounds per square inch, and a plurality of rollers bearing on the face of the drum at spaced intervals through a succeeding arc of the rotary path of movement of the drum.

2,107,486
RESILIENT PEDAL PAD
William J. Lutey, Seattle, Wash.
Application August 7, 1937, Serial No. 157,965
5 Claims. (Cl. 74—563)



1. A pedal pad comprising a base frame providing a window-like opening, and a strip of pliable material wound upon said frame in a plurality of figure 8 loops to form a tread surface.

2,107,487
TAPE DISPENSER
Fred Machato and Fred Mason, Lansdale, Pa.
Application November 16, 1936, Serial No. 111,153
9 Claims. (Cl. 164—36)



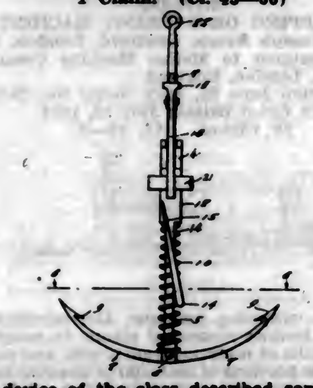
1. Apparatus for dispensing roll strip material comprising in combination, an axle support for receiving a plurality of rolls of different widths, means on the axle support for indicating the position at which each roll shall be assembled thereon, a cutter member movable relative to said rolls, and means for locating and holding the cutter at the median portion of each individual roll on the support whereby a strip may be severed therefrom.

2,107,488
PUMP ROD HANGER
August R. Maier, Dallas, Tex., assignor to Oil Well Supply Company, Dallas, Tex., a corporation of New Jersey
Application November 6, 1936, Serial No. 109,691
14 Claims. (Cl. 255—18)



1. A beam hanger for well pumps which comprises a support having an arcuate surface centered approximately on the pivotal axis of the beam, a pair of spaced brackets on said support above said arcuate surface, a pair of cables secured to said brackets and depending downwardly on said arcuate surface, a yoke secured to said cables below said surface, a depending rod supported on the yoke between said cables, and means to adjust individually the distance between the connection of the yoke with each of said cables and the connection of each of said cables with its respective bracket while said connections are assembled.

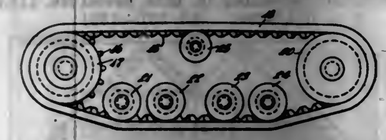
2,107,489
FISHING HOOK
Nicholas T. Marcelli, Collinsville, Calif.
Application May 6, 1936, Serial No. 78,210
1 Claim. (Cl. 43—36)



A device of the class described comprising a bait hook, a sleeve fixedly carried by the shank

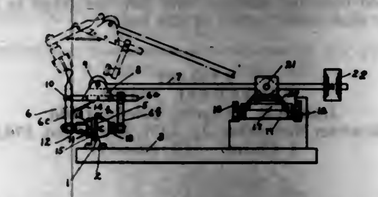
of said hook, a ring member encircling the sleeve and secured thereto against movement, said ring member having portions spaced from the sleeve, a rod slidably mounted in said sleeve, a plurality of hooks pivotally carried at the lower end of said rod and arranged with their free ends engaged in the ring when said rod is in a retracted position, a spring carried by the rod and contacting the pivoted hooks to project the same downwardly and outwardly and trip means releasably connecting the rod to the shank of the bait hook.

2,107,490
TRACK FOR TRACTORS
Robert Mayne, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a corporation of New York
Application August 4, 1934, Serial No. 738,393
11 Claims. (Cl. 305—10)



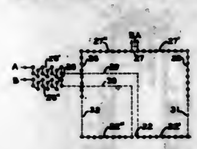
11. A self-laying track comprising tension cables, cross members secured to said cables at intervals along the same for cooperating with a driving means, and a rubber tread upon the cables and cross members, said cross members being held completely out of contact with the cables by an intervening layer of rubber and being secured to the cables solely by adhesion of the rubber to the cross members and cables without clamping pressure of said members upon the cables.

2,107,491
DECORATING APPARATUS
Frederick R. McQuiston, Crafton, Pa., assignor to The O. Hommel Company, a corporation of Pennsylvania
Application November 24, 1936, Serial No. 112,546
2 Claims. (Cl. 91—12)



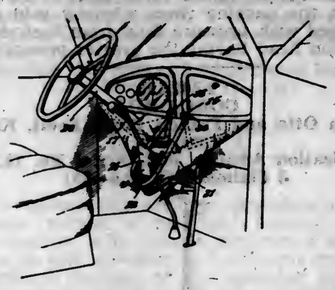
1. Apparatus for decorating a round object having a handle on its side, the combination of a printing device including a surface bearing a film of decorating material, the length of said film-bearing surface being substantially equal to the circumference of the object to be decorated less the breadth of said handle, a carriage, rotary means borne by said carriage for supporting said object, said rotary means being movable in transverse plane with respect to the film-bearing surface of said printing device, into work-receiving position, and said carriage being movable in a direction extending angularly to such plane, whereby the supported object is rolled upon said film-bearing surface and decorating material applied in predetermined pattern to the surface of said object from one side of said handle to the other.

2,107,492
METHOD OF HEATING FLUIDS
Lev A. Mekler, Chicago, Ill., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application January 6, 1932, Serial No. 584,968
Renewed August 15, 1935
1 Claim. (Cl. 196—47)



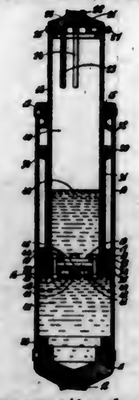
A method for heating hydrocarbon oils in a cracking process comprising subdividing the oil to be heated into two streams, advancing each stream through a bank of heating tubes wherein the oil is heated by convection, thence passing each stream through a bank of tubes disposed adjacent the floor of the furnace wherein the oil is subjected to radiant heat, thence advancing one of said streams through a bank of tubes adjacent one wall of the furnace and the other of said streams through a bank of tubes adjacent the opposite wall of the said furnace in each of which banks of tubes the oil is subjected to radiant heat and finally passing each stream through a bank of tubes adjacent the roof of the furnace to be subjected therein to further radiant heat treatment and thereafter combining the separate streams.

2,107,493
LAP ROBE FOR MOTOR VEHICLES
Geffrod B. Oliver, Springfield, Mass., assignor to Nashua Manufacturing Company, Boston, Mass., a corporation of New Hampshire
Application March 30, 1936, Serial No. 71,771
1 Claim. (Cl. 296—31)



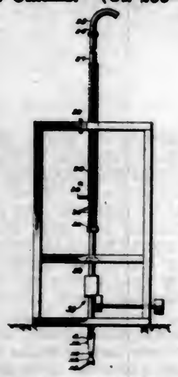
A lap robe including an apron adapted to be secured at its forward margin to the instrument panel of a motor vehicle supporting the apron in active position to overlie the lap of the driver of the vehicle and at its rear end also provided with means for suspending the rear portion of the apron from said panel when in inactive position removed from the lap of the driver and a bight portion formed by said apron when in inactive position, and a flexible sleeve contained in said bight portion and attached to said apron around and enclosing an opening formed therein for receiving a vehicle operating lever for manipulation by the driver when the robe is in active or inactive position.

2,107,494
SHOCK ABSORBENT STRUT FOR AIRCRAFT
John Henry Onions and Peter Warborn Thornhill, Leamington Spa, England; said Thornhill assignor to said Onions
Application August 19, 1936, Serial No. 96,872
In Great Britain October 15, 1935
9 Claims. (Cl. 267—64)



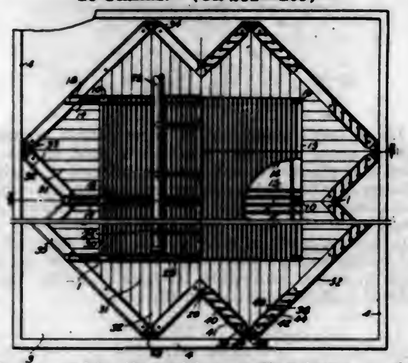
1. An oleo-pneumatic shock absorbing strut comprising a cylinder tube, a plunger tube slidably mounted therein, a piston head on the inner end of the plunger tube and having a cavity, both of said tubes having means to close their outer parts so as to enclose a working space of variable volume, a flutter valve within a cavity formed in the piston head and adapted to move to either end of the cavity away from that side of the piston head which is acted upon by the greater fluid pressure, packing means around the piston head and comprising a pair of packing rings which are forced into contact with the cylinder by fluid pressure within a space between them, and a passageway leading from the middle portion of the flutter valve cavity to the space between the packing rings whereby said space is charged with pressure fluid from that side of the piston head having the greater pressure.

2,107,495
CORE DRILL
William Otto and Francis Elmer Scott, Kansas City, Mo.
Application April 8, 1936, Serial No. 73,222
3 Claims. (Cl. 255—39)



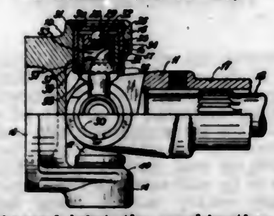
1. A core drill comprising a hollow stem having a cutting bit attached to the lower end thereof, lift means applied to the stem medially of its ends and so operable as to periodically lift the stem, a rig which has means to guide the stem, a spring carried by the stem, said stem having an abutment with which one end of the spring is in engagement to resist the lifting effort of said lifting means, and a screw sleeve against which the other end of the spring abuts, said sleeve slidably carrying the stem, said rig having a support in which said sleeve is screwed for adjustment to vary the tension of the spring.

2,107,496
LOUVER CONSTRUCTION FOR COOLING TOWERS
Robert R. Pabodie, Kansas City, Mo., assignor to J. F. Pritchard & Company, Kansas City, Mo., a corporation of Missouri
Application November 16, 1936, Serial No. 111,031
10 Claims. (Cl. 261—109)



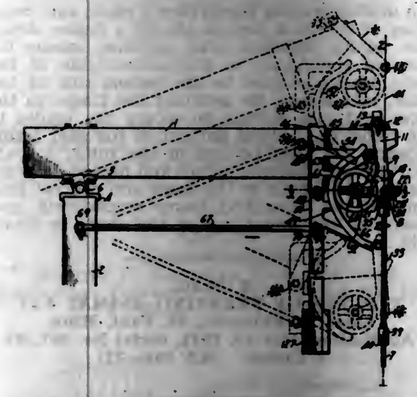
1. In combination with a cooling tower, a plurality of superimposed catch pans having triangular shaped projections, means supporting the catch pans at the sides of the tower, louver bars supported along the marginal edges of the triangular shaped projections and arranged in spaced parallel relation, and battens fixed to the inner and outer edges of the bars.

2,107,497
UNIVERSAL JOINT
Joseph E. Padgett, Toledo, Ohio
Application November 23, 1931, Serial No. 576,665
1 Claim. (Cl. 64—17)



In a universal joint, the combination of a pair of relatively movable members one having an opening therein and the other having a journal portion extending into said opening, means for closing said opening outwardly of said journal portion, an apertured retaining member disposed in said opening outwardly of said closing means to prevent displacement of the latter, said closing means having a portion thereof deflected into the aperture of said retaining member, and a thrust element associated with said journal portion and engaging the deflected portion of said closing means.

2,107,498
WELL PUMPING APPARATUS
Albert N. Porter, Tulsa, Okla., assignor to J. F. Darby, Tulsa, Okla.
Application October 10, 1936, Serial No. 105,011
12 Claims. (Cl. 74—103)



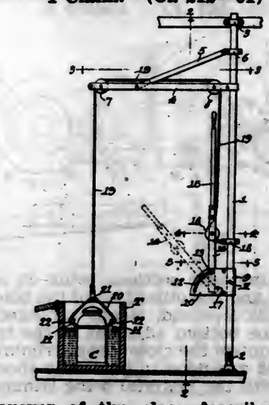
1. In combination with a pumping apparatus including a pivoted beam, a straight lift attachment including a rod hanger movably carried by the beam, a cam member having vertical support relatively to the rod hanger and curved reversely to the arcuate travel of the end of the beam, and a wheel carried by the beam and operable on the cam member to retain the rod hanger in a vertical plane during actuation of the walking beam.

2,107,499
STIRRUP BEARING FOR PITMANS
Albert N. Porter, Tulsa, Okla., assignor to J. F. Darby, Tulsa, Okla.
Application November 4, 1936, Serial No. 109,114
4 Claims. (Cl. 308—21)



1. In combination with an oscillatory member and an actuating pitman having a stirrup through which a portion of the oscillatory member extends and provided with a cross bar portion extending across the oscillatory member, a bearing member mounted on the oscillatory member, a bearing member having a groove for seating the cross bar portion of the stirrup, means rigidly clamping the last named bearing member to the stirrup, a knife edge bearing on one of said members and pivotally engaged with the other bearing member, said knife edge bearing extending in parallel relation with the cross bar portion of the stirrup, and means for retaining said knife edge bearing in pivotal engagement.

2,107,500
MILK CAN CONVEYER
Floyd Price and Adelbert F. Palmer, Wellsboro, Pa.
Application June 23, 1937, Serial No. 149,971
1 Claim. (Cl. 212—61)



A conveyer of the class described including a post, an arm supported thereby and mounted to swing about the longitudinal axis of the post, a bracket extending from the post and including spaced wings having arcuate slots, a stop connecting the wings, a lever movably mounted between the wings, a member carried by the lever and movable within the slots during the actuation of the lever, said lever being movable against the stop to be fulcrumed thereon during said actuation, a lifting cable, a can engaging means at one end thereof, means for attaching the other end of the cable to the post, a pulley carried by the lever for holding the cable thereto, and spaced cable supporting pulleys on the arm.

2,107,501
SHOEMAKING METHOD
Edward Quinn, Brooklyn, N. Y., assignor to The Del-Mac Shoe Process Corporation, New York, N. Y.
Application September 18, 1935, Serial No. 41,082
12 Claims. (Cl. 12—142)

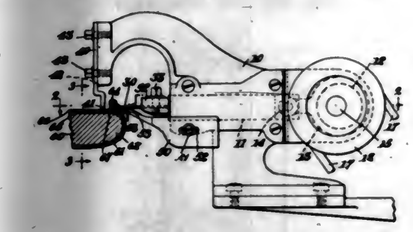


1. In shoemaking methods, providing a rounded sole having a marginal feather defined by a shoulder, a lip channel inwardly of and parallel with said shoulder, and a groove extending inwardly at the base of said shoulder; adhesively securing the edge margin of an upper against the walls of said groove, and sewing the upper to the sole by means of stitching extending through the upper and the between substance of the sole lying intermediate the walls of said groove and said channel.

2,107,502
INSEAM TRIMMING MACHINE
Edward Quinn, Brooklyn, N. Y., assignor to The Del-Mac Shoe Process Corporation, New York, N. Y.
Application April 30, 1936, Serial No. 77,105
4 Claims. (Cl. 12—82)

1. A trimming machine of the character described comprising a trimming blade arranged to operate on the bottom of a lasted shoe to trim

surplus material therefrom, mechanism for imparting reciprocatory motion to said blade, said blade having a free end and a plurality of sharp cutting edge sections on one side thereof extending at divergent angles to each other and obliquely to the path of reciprocation, the bezel



of said cutting edge sections being on one face of the blade and the other face of the blade being tapered to its free end, means arranged to engage the shoe bottom adjacent to the trimming locality to control the closeness of trimming, and an abutment arranged to guide the shoe by engagement with the material being trimmed.

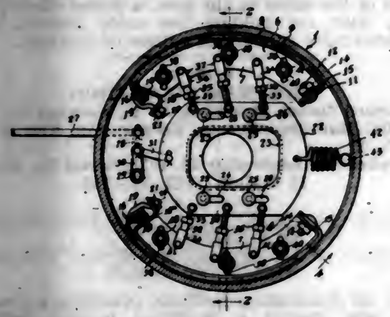
2,107,502

QUICK RELINING BRAKE

Thomas D. Rader, Glendale, Calif., assignor of one-half to Richard Macintosh, Los Angeles, Calif.

Original application November 13, 1934, Serial No. 752,823. Divided and this application June 1, 1936, Serial No. 82,728

3 Claims. (Cl. 188—234)



1. In an automobile brake having a brake-drum, a brake-shoe with means for mounting the same for outward movement against the drum, said means attached to the brake-shoe at intermediate points on the length of the shoe so as to leave the ends of the shoe clear and unobstructed, said brake-shoe having flanges at its ends, a detachable brake lining unattached to the shoe at intermediate points on its length, a bolt passing through one of the flanges for securing one end of the brake lining to the flange at one end of the shoe, a hook disposed in a substantially radial direction at the other end of the shoe and hooked into the adjacent end of the brake lining, said hook having a threaded shank passing through the adjacent flange of the brake-shoe with a nut seating on the flange for exerting tension on the lining to tighten the same on the shoe.

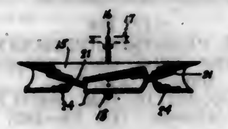
2,107,504

DRAFT PROMOTER FOR FURNACES

Arthur A. Rea, La Grande, Oreg.

Application October 9, 1936, Serial No. 104,884

1 Claim. (Cl. 230—134)



A draft promoter comprising a rotor, said rotor being of inverted conical shape, a frame structure having diverged arm portions, means for securing the frame to the bottom side of the rotor, blades secured to the bottom side of the rotor, said means for securing the frame to the rotor and also serving to secure the blades to the rotor, the central portion of the said frame crossing the apex portion of the rotor, a shaft provided with bearing means and having its lower ends secured both to the apex and central portions of the rotor and frame respectively, and means at the upper end of the shaft to rotate said rotor.

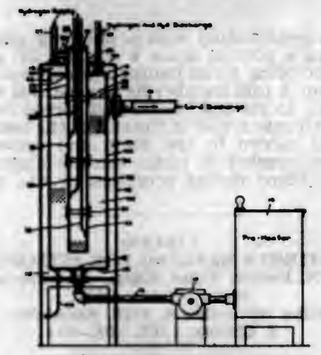
2,107,505

PROCESS OF TREATING ANIMAL FAT

Lloyd H. Reyerson, St. Paul, Minn.

Application July 20, 1933, Serial No. 681,305

7 Claims. (Cl. 204—81)



1. A process of treating animal fat to make lard which consists in moving semi-fluid animal fat in a relatively thin and expanded sheet slowly between two electrodes for a relatively long period of time and over a considerable extent of said electrodes, passing electric current independently to different sections of one of said electrodes, and progressively increasing their extent and area to cause electric current from said several sources to pass therefrom through the sheet of animal fat as the same is being moved to the other electrode.

2,107,506

VEHICLE OF THE TRICYCLE OR VELOCIPEDE TYPE

Mayo E. Ree, Elyria, and Wilbur Henry Adams, Cleveland, Ohio, assignors to The Colson Corporation, Elyria, Ohio, a corporation of Ohio

Application August 3, 1936, Serial No. 94,018

8 Claims. (Cl. 280—274)

1. In a vehicle of the class described, a front head construction, a pair of tubular body elements secured at forward end portions to the head

construction and extending rearwardly and divergingly downwardly therefrom and at their rear end portions extending forwardly, a frame comprising a plurality of transverse members rigidly



welded together and welded to the said rear end portions of the tubular body elements and a pair of aligned rear wheel axles extending oppositely from the frame and supported thereby.

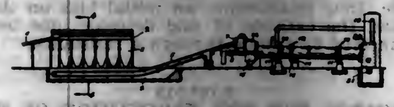
2,107,507

INCINERATOR

Maurice L. Rees, San Francisco, Calif.

Application February 25, 1935, Serial No. 7,936

1 Claim. (Cl. 110—14)



In an apparatus for destructively disposing of garbage; a combustion chamber; an inclined rotary retort for advancing the refuse to be burned toward said combustion chamber; means in communication with the end of said retort opposite said combustion chamber for feeding thereinto materials to be burned; an explosion chamber in communication with said last mentioned end of said retort; a furnace; a passage way connecting said furnace with the combustion chamber; a conduit connecting the said furnace with said explosion chamber; a blower for maintaining a circulation through the conduit, passage way, combustion chamber, retort and explosion chamber, said blower creating a forced draft circulation through the system; means for moving the refuse through the retort in moisture extracting relation with the hot gaseous products in opposite relation to the direction of movement of the products of combustion therethrough; means for continuously burning in and venting to the atmosphere through the furnace a selected portion of the gas given off in the reduction of the refuse; and means for discharging from the combustion chamber the final products resulting from the termination of the incineration process.

2,107,508

SULPHONATED HYDROGENATED ABIETYL DERIVATIVES AND METHOD OF PRODUCING

Alfred L. Rummelsburg, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 16, 1934, Serial No. 715,941

19 Claims. (Cl. 260—99.12)

1. The sulphonation product of a hydrogenated abietyl halide.

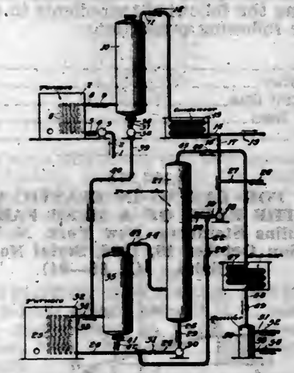
2,107,509

CONVERSION OF HYDROCARBON OILS

Jean Delattre Segny, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application May 16, 1933, Serial No. 670,375

6 Claims. (Cl. 196—48)



1. A process for producing motor fuel which comprises subjecting hydrocarbon oil heavier than gas oil in a heating zone to relatively mild cracking conditions of temperature and pressure such as to produce gas oil therefrom, separating the thus treated oil into a residue heavier than gas oil and a distillate containing the gas oil, passing such distillate through a second heating zone and heating the same therein to higher cracking temperature than the oil in the first-mentioned heating zone to produce gasoline therefrom, then commingling the thus heated distillate with residue from the first-named cracking treatment, separating vaporous from unvaporized reaction products, and fractionating and condensing the separated vapors.

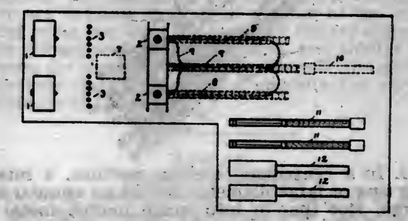
2,107,510

METHOD OF MANUFACTURING EXTRUDED ARTICLES

Chame D. Skinner, Springdale, and Leo C. Bradley, New Kensington, Pa.

Application May 23, 1936, Serial No. 81,428

4 Claims. (Cl. 207—10)



4. The herein described method which includes reducing an aluminum base metal to homogeneous liquid state, casting the metal into hot billet-forming molds, cooling the billets in such molds to approximately extruding temperature and then removing the billets and introducing them to a press at substantially the temperature at which they were removed from the molds and shaping the billets in such press into the desired articles.

2,107,511

WATERPROOF COATING OR PAINT AND THE METHOD OF MAKING SAME

Charles Elbert Spooner, Arkansas City, Kans. No Drawing. Application December 28, 1936, Serial No. 117,019

1 Claim. (Cl. 134—17)

A re-surfacing and waterproofing compound comprising the following ingredients in substantially the following proportions:

	Parts
Coal tar	50
Raw rubber	3
Air-slacked lime	2
Sugar of lead	1
Gasoline	5

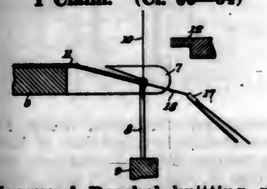
2,107,512

MEANS FOR LAYING-IN ELASTIC STRAND IN THE EDGE OF A MESH FABRIC

Julius Steinberg, New York, N. Y.

Application October 19, 1936, Serial No. 106,325

1 Claim. (Cl. 66—84)



In a Jacquard Raschel knitting machine, a bank of needles and associated sinkers, and means for directing a length of elastic strand first to one side and then to the other of the end needle of said bank whereby a tubular selvage edge is formed on the fabric knitted by said needles and sinkers and said elastic is positioned within said selvage, said means comprising a guide for the elastic strand positioned below the sinkers, a bar carrying the strand guide and a rotary cam for actuating said bar.

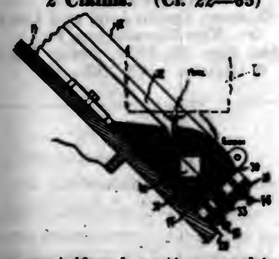
2,107,513

CENTRIFUGAL CAST

William Sweger, Ferndale, Mich.

Application October 21, 1935, Serial No. 45,934

2 Claims. (Cl. 22—65)



1. In a centrifugal casting machine, a rotating ring of large diameter having an annular internal slot therein into which molten metal is poured, the slot being of uniform cross section, which cross section is such as to define and divide the slot into a plurality of different and distinct portions, one of which, nearest the center of rotation of the ring, is a mouth portion, and another of which, furthest from the center of rotation of the ring, is an ingot-shape defining portion, and a third of which, a gate portion, connects these two portions, the axis of rotation of the ring being at an angle of substantially 45° from the horizontal, and the lowest portion of the slot mouth being substantially vertical whereby molten metal dropped vertically into the said lowest portion of the slot mouth can flow into the gate portion of the slot without touching the walls of the mouth.

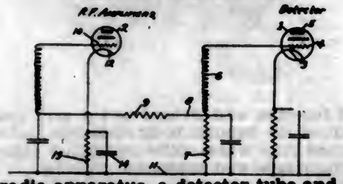
2,107,514

AUTOMATIC VOLUME CONTROL SYSTEM

Louis F. Willging, Cincinnati, Ohio, assignor to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio

Application May 24, 1930, Serial No. 455,353

1 Claim. (Cl. 250—20)



In radio apparatus, a detector tube and a controlled tube, the grid of said detector tube being connected to ground through a resistance, the ungrounded end of said resistance being connected through a resistance to the grid circuit of said controlled tube and also to a point of potential more negative than the electron emitting device of said detector tube and said controlled tube, thus establishing an initial bias on these tubes, the cathode of said detector tube being connected to ground through a resistance.

2,107,515

PROCESS FOR THE PRODUCTION OF HYDRATED OLEFINES

Franklin A. Bent, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application August 28, 1933, Serial No. 687,196

16 Claims. (Cl. 260—156)

1. A process for the production of a hydration product of an olefine comprising directly hydrating the olefine under superatmospheric pressure and at a temperature materially above room temperature but below about 374° C. in the presence of water and a salt of the class consisting of the sulfates of beryllium, magnesium and zinc.

2,107,516

TROUSER CLIP OR CLASP

John C. Bishop, Savannah, N. Y.

Application August 27, 1937, Serial No. 161,202

1 Claim. (Cl. 24—85)



In a trouser clip for holding a trouser leg when same is rolled at its lower end, a spring clip comprising a pair of normally converging arms joined by a bight and adapted to be slipped up over the rolled end of the trousers, the inner arm being straight from end to end, and the outer arm being curved outwardly adjacent the bight to accommodate the rolled trousers and then turned back inwardly to grip the trousers above the roll, the end of the outer arm being turned back on itself to form an outwardly disposed finger loop and the arm having an aperture below the said loop, and the extremity of the loop being pointed and projected through the aperture to engage the trousers.

2,107,517

ANTISKID CHAIN

John C. Bishop, Savannah, N. Y.

Application August 28, 1937, Serial No. 161,387

1 Claim. (Cl. 24—194)



A strap buckle including a buckle plate, ears turned up in spaced relation from the plate forming a channel therebetween to accommodate a strap, the said ears having slots adjacent one end and apertures spaced therefrom, a pressure pad pivotally mounted at one end in the slots and lying in the channel, the adjacent faces of the pad and plate being serrated crosswise, a buckle clamp of bell crank shape pivoted in the said apertures and comprising a cam adapted to engage the pressure pad, a lever on the buckle clamp, the said lever and cam having aligned slots extended crosswise to receive the strap, and catches turned inwardly from the said ears and terminating with a space between less than the width of the strap.

2,107,518

ELECTRON DISCHARGE DEVICE

Cabot Seaton Bull, Hillingdon, and Sidney Rodda, Enfield, England, assignors to Electric and Musical Industries Limited, Middlesex, England, a company of Great Britain

Application December 24, 1934, Serial No. 759,008. Renewed September 18, 1937. In Great Britain January 8, 1934

16 Claims. (Cl. 250—27.5)



1. An electron discharge device having an evacuated envelope and arranged within said envelope, in the order named, a cathode capable of electron emission, a control grid, a screen grid, an anode forming part of said envelope and having a surface directed towards said cathode and shielding means having a closed surface of substantial area impermeable to electrons and being disposed to shield from said cathode substantially one-half of said anode surface.

2,107,519

ELECTRON DISCHARGE DEVICE

Isaac Shoenberg, London, Cabot Seaton Bull, Hillingdon, and Sidney Rodda, Enfield, England, assignors to Electric and Musical Industries Limited, Middlesex, England, a company of Great Britain

Original application July 27, 1934, Serial No. 737,192. Divided and this application June 1, 1935, Serial No. 24,482. Renewed June 12, 1937. In Great Britain August 2, 1933

23 Claims. (Cl. 250—27.5)

11. An electron discharge device having, within an evacuated envelope arranged in the order named, a cathode, a control grid, a screening grid and an anode, said anode extending over a part of the space around said cathode, wherein said device also has within said envelope means which form a region of electron shadow in the



space between said anode and said screening grid and conducting shield means for substantially preventing the passage of secondary electrons from said anode to said screening grid through said region.

2,107,520

ELECTRON DISCHARGE DEVICE

Otto H. Schade, West Caldwell, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware

Application February 26, 1936, Serial No. 65,745

8 Claims. (Cl. 250—27.5)



1. An electron discharge device having a straight thermionic cathode oblong in cross section with a long and a short transverse axis, an anode having curved surfaces surrounding said cathode and coaxial therewith, a pair of concentric lenticular grids coaxial with said cathode and positioned between said cathode and said anode, each of said grids being provided with a pair of oppositely disposed side rods lying in a plane passing through the longer tranverse axes of said lenticular grids, the longer axes of said cathode and said grids coinciding, the radius of the arc defining the curved surface of the outer grid being less than the radius of the arc defining the curved surface of inner grid, and shields between the anode and the grid side rods, the curved surfaces of the anode lying opposite the curved surfaces of the grids.

2,107,521

BRAKE SHOE KEY

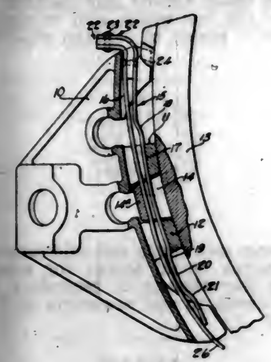
Charles R. Busch, Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y., a corporation of New York

Application June 19, 1935, Serial No. 27,331

14 Claims. (Cl. 188—243)

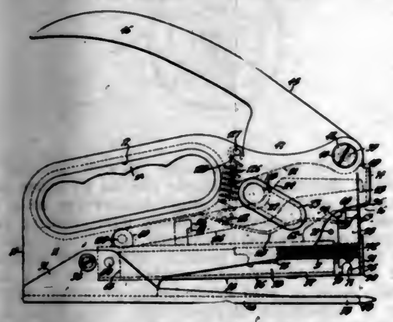
1. In combination, a brake head and a shoe having a key-way and inter-engaged apertured members, the apertures registering with one another, and a key in the key-way and passing through the apertures, and including two broad legs of spring metal relatively arranged breadthwise at different distances from the shoe, and means connecting the legs, the leg further from

the shoe being so curved away from the other leg as to dispose its greatest curvature longitudinally



of the key at points below the apertured member of the shoe.

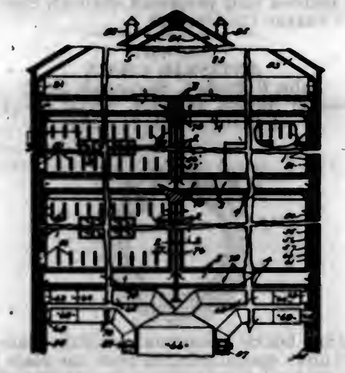
2,107,522
FASTENER-APPLYING DEVICE
John F. Cavanagh, Providence, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine, a corporation of Maine
Application March 12, 1936, Serial No. 68,506
29 Claims. (Cl. 1—49)



1. In a device of the type indicated, fastener-applying means, a lever connected with the fastener-applying means, a second lever, means engaging between the levers and movable longitudinally of both levers, and means on one lever for moving the movable means longitudinally of the other lever to operate the fastener-applying means with a progressively increased mechanical advantage.

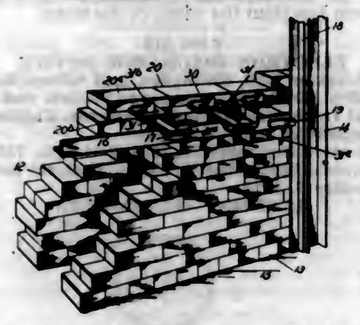
2,107,523
BUILDING STRUCTURE
Elbert H. Coe, Warners, N. Y.
Application November 15, 1935, Serial No. 49,993
9 Claims. (Cl. 237—53)

1. A hollow wall construction for a building comprising three vertical side portions separated by air spaces and connected at spaced intervals by vertically disposed bond portions which divide the air spaces into two series of vertically extending air ducts, said wall being provided with two series of horizontally disposed restricted air passages, one series of air passages for each series of air ducts whereby one series of air passages connect the interior of the building with one of the series of vertically extending air ducts and the other series of air passages connect the interior



of the building with the other series of vertically extending air ducts.

2,107,524
FIRE WALL CONSTRUCTION
George Crembie, Sr., Denver, Colo., assignor to The Stearns-Roger Manufacturing Company, Denver, Colo.
Application February 12, 1936, Serial No. 63,581
12 Claims. (Cl. 72—101)

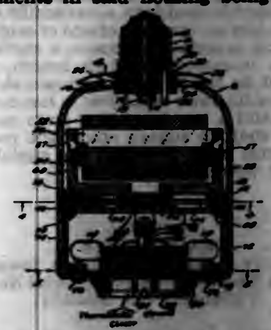


10. In a fire wall, a recessed tile, and a wall-tie anchored in the recess and projecting therefrom, there being a passage from the recess to the exterior of the wall along a surface of the tie for circulating air across the same.

2,107,525
FIRE DETECTING AND ALARM MECHANISM
John H. Derby, Scarsdale, N. Y.
Application January 8, 1935, Serial No. 819
1 Claim. (Cl. 177—311)

A combined fire detector and alarm unit comprising, in combination, an electric socket connection by which said unit may be both supported from an electric socket and connected with a source of supply of alternating current, a housing carried by said socket connection, a sound diaphragm dividing said housing into two compartments, an alternating current magnet in one compartment, a magnet armature carried by said diaphragm in attractive relation to said magnet, a thermostatic circuit closer forming also a closure for said housing, a normally open circuit including said socket connection, said magnet,

and said thermostatic circuit closer, each of said compartments in said housing being vented to



the atmosphere to permit sound waves to be propagated from both faces of said diaphragm.

2,107,526
TREATMENT OF TEXTILE AND OTHER MATERIALS
Henry Dreyfus, London, England
No Drawing. Application July 12, 1935, Serial No. 31,099. In Great Britain July 31, 1934
13 Claims. (Cl. 8—5)

1. Process for the colouration of textile materials, which comprises impregnating the material with a liquid containing a leuco compound of a vat dyestuff, partially drying the material so as to concentrate the impregnating liquid thereon, drying being conducted under such conditions that no substantial oxidation of the leuco compound occurs, and thereafter converting the leuco compound into the parent vat dyestuff.

2,107,527
PROCESS FOR CONCENTRATING ORGANIC ACIDS
Theodore Evans, Oakland, and Karl R. Edlund, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application November 21, 1933, Serial No. 699,032
28 Claims. (Cl. 260—122)

25. The process for continuously separating water from its solution with one or more of the lower fatty acids, in which the dilute acid or acids is extracted with a mixed ether having a normal boiling point between 80 and 105° C., the aqueous layer discharged after substantially complete exhaustion, the ether layer, containing substantially all of the acid or acids originally present and part of the water, passed to a column still in which the ether removes the water in an azeotropic distillation and the lower fatty acid or acids are discharged in a concentrated condition.

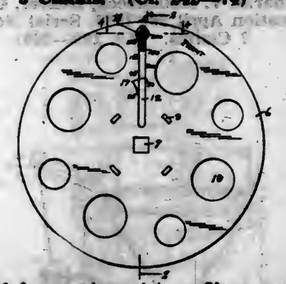
2,107,528
RENAPPING PROCESS
Benjamin G. Feinberg, New York, N. Y.
No Drawing. Application May 31, 1933, Serial No. 673,770
7 Claims. (Cl. 26—28)

1. The process of re-napping textile fabric which consists in moistening the fabric with an emollient solution containing casein in suspension, rubbing with an abrasive the surface of the fabric in the presence of the emollient solution and then cleansing the fabric in a non-aqueous cleanser.

2,107,529
MANUFACTURE AND USE OF MALT ADJUNCT FROM CORN
Walter R. Fetzer, St. Louis, Mo., assignor to Union Starch and Refining Company, Columbus, Ind., a corporation of Indiana
No Drawing. Application November 25, 1935, Serial No. 51,485
2 Claims. (Cl. 99—50)

2. The method of making a malt adjunct which comprises treating corn kernels to elevate the moisture content, cracking the kernels to release the germ, floating away the germ, grinding the residual kernel, treating the product with water to remove soluble ash, soluble protein and corn acids, and to release free starch grains, combining free starch grains, corn kernel fiber and gluten in water, dewatering the mixture to form wet lumps, and drying the lumps, the gluten and fiber serving as binding agent to minimize formation of dust from the dry lumps.

2,107,530
FILM REEL AND FILM ATTACHING MEANS THEREFOR
Jacob M. Goldberg, Denver, Colo.
Application November 9, 1936, Serial No. 109,936
Renewed December 29, 1937
3 Claims. (Cl. 242—74)

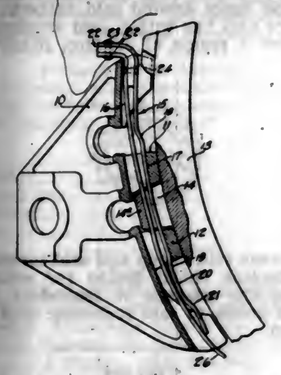


1. A reel for moving picture films, comprising two disks, a hollow circular hub connecting the disks and provided with a peripheral opening, the disks having radially extending slots that register with the ends of the peripheral opening, and a film securing device mounted for movement in the slots, from a position within the peripheral area of the hub to a position adjacent the peripheries of the disks, the securing device comprising a strip of resilient material bent double into the form of a narrow elongated U, each side having a lug projecting from each of its edges, for engagement with the edges of the slots, the lugs having their outer ends bent over to engage the outer surfaces of the disks to limit sidewise movement of the securing device while permitting free longitudinal movement.

2,107,531
CIRCULAR LOOM
Frank Corbyn Hale and Robert Yeadon, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application July 16, 1935, Serial No. 31,599
In Great Britain July 23, 1934
6 Claims. (Cl. 139—13)

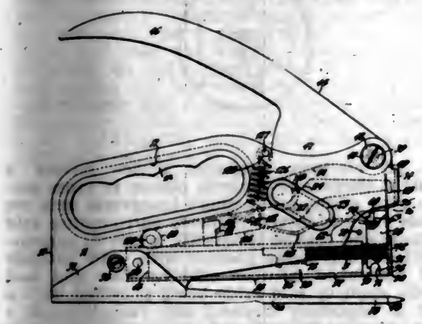
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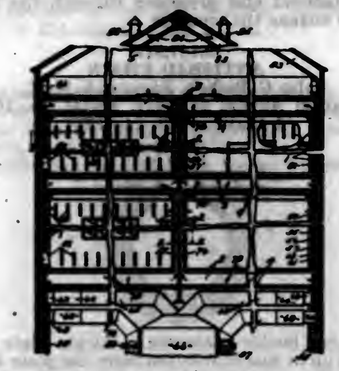
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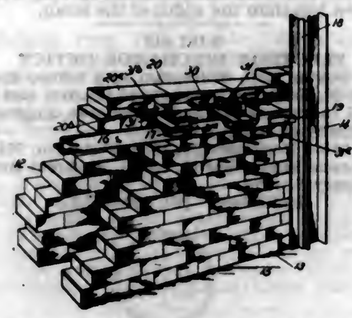
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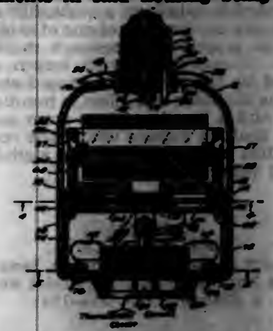


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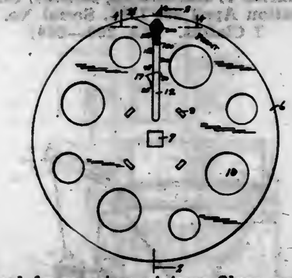
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2,107,530
FILM REEL AND FILM ATTACHING MEANS THEREFOR
Jacob M. Goldberg, Denver, Colo.
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Renewed December 29, 1937
3 Claims. (Cl. 242—74)



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2,107,531
CIRCULAR LOOM
Frank Corbyn Hale and Robert Yeadon, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application July 16, 1935, Serial No. 31,599
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6 Claims. (Cl. 139—13)

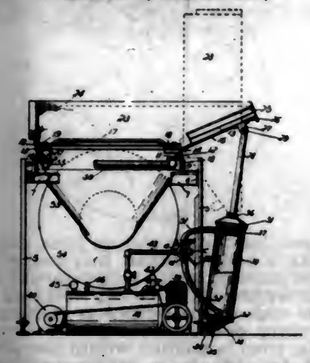
1. A light vane wheel driving unit for a circular loom, comprising a casing, a vane wheel supporting shaft supported by said casing, a gear on said shaft within said casing, a driving spindle supported by said casing and disposed substantially

at right angles to said vane wheel supporting shaft, a gear on said driving spindle within said casing and in engagement with said gear on said



shaft, ball bearings for said shaft and said spindle, and a driving pinion on said spindle outside the casing.

2,107,532
DUMPING GRIZZLY
Charles V. Hallenbeck, Denver, Colo.
Application April 30, 1935, Serial No. 19,009
7 Claims. (Cl. 209—260)



1. A normally horizontal grizzly having spaced bars, walls along one end and side, a spout at the other end thereof upwardly inclined from the normal horizontal position of the grizzly and movable therewith, said grizzly being mounted for pivotal movement to a substantially upright position, and pressure operated means for tilting the grizzly to effect a discharge of material therefrom across the spout.

2,107,533
AUTOMOBILE SIGNAL
William A. Hollingsworth, Fuente, Calif.
Application October 19, 1936, Serial No. 106,444
1 Claim. (Cl. 116—52)



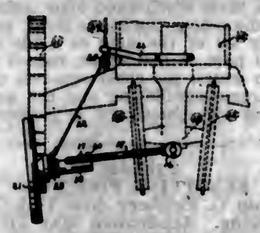
The automobile signal herein shown and described, comprising a pair of sections slidably fitted together, a pair of vertically disposed lugs at the inner end of one of said sections, a pin pivotally mounted in said lugs, a vertically arranged segmental plate on the back of one of said sections provided with a series of recesses, a shaft pivoted to said pin intermediate of its length, a signal arm carried by the outer end of said shaft, said shaft having its inner end offset, a handle on said offset end and a lug depending from said offset end of the shaft to engage one of the recesses in the segmental plate to adjust the signal arm to the desired vertical position.

2,107,534
FACE METER
Harry P. Houser, Waterloo, Iowa
Application November 18, 1936, Serial No. 111,413
6 Claims. (Cl. 33—174)



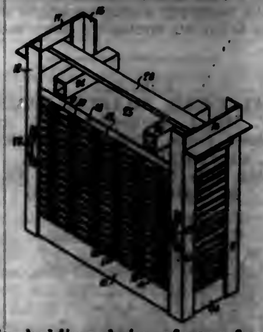
1. In a face meter, a supporting body, an indicator mounted for both longitudinal and horizontal adjustments therealong, and devices mounted on upper and lower end parts of the supporting body respectively, adjustable both longitudinally and horizontally therealong in relation to said indicator, said devices having furcations spaced from and for spanning opposite upper or lower deformed parts of the patient's head, and lacking means for securing said indicator and devices in their adjusted positions.

2,107,535
SELF-STEERING MECHANISM FOR TRACTORS
Frank J. Iribeck, Dedham, Iowa
Application May 24, 1937, Serial No. 144,343
3 Claims. (Cl. 97—49)



1. In combination with a tractor having two front guiding and supporting wheels, an auxiliary steering apparatus comprising a horizontal bar operatively connected near its center to said guiding wheels, a U-shaped member having its two ends vertically rotatably mounted on said bar, and a wheel rotatably mounted on and near the center portion of said U-shaped member.

2,107,536
MEANS FOR TREATING YARN
Edwin F. James and Lawrence E. Resnick, Mount Holly, N. C., assignors to Carolina Dyeing and Winding, Incorporated, Mount Holly, N. C., a corporation of Massachusetts
Application September 7, 1934, Serial No. 743,168
1 Claim. (Cl. 8—7)



Means for holding skeins of yarn for treatment in a treating bath comprising an elongated flat member which is longer and broader than a skein of yarn, an endless projection on one side of the flat member forming an enclosure, a second member of approximately the same size as the first member and adapted to lie on top of the first member after a skein of yarn has been spread on top of the first member and means for pressing the two members together to shield the portions of yarn disposed within said enclosure from the effects of a treating bath when the members and the yarn are immersed in a treating bath.

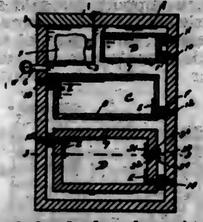
2,107,537
TREATMENT OF SOLID MATERIALS WITH LIQUIDS
John Edward Jones and David Robert Johnston, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application January 20, 1934, Serial No. 707,504
In Great Britain January 24, 1933
2 Claims. (Cl. 260—102)



1. Process for the treatment of cellulose esters of organic acids in the form of loose granules or flakes or the like and which contain acid employed in the esterification of cellulose to the cellulose esters, which comprises continuously feeding the acid-containing cellulose ester into, positively propelling it along and discharging it from, an elongated passage and causing a countercurrent of treating liquid capable of dissolving said acid but unaffecting said cellulose ester to flow continuously through the body of the travelling cellulose ester so as to be in constant contact therewith, whereby the esterification acid is removed from the cellulose ester.

2,107,538
REFRIGERATOR
Clarence Irving Justheim, Salt Lake City, Utah
Application September 12, 1934, Serial No. 743,857
8 Claims. (Cl. 62—91.5)

1. In a refrigerator, the combination of a casing; means to introduce carbon dioxide gas thereinto to cool said casing; means to control the flow of said gas thermostatically; separately



insulated closed food chambers in said casing; and means to maintain a predetermined temperature in each chamber.

2,107,539
WRINGER AND WRINGER SUPPORT CONNECTION
Walter L. Kaufman, II, Erie, Pa., assignor to Lovell Manufacturing Company, Erie, Pa., a corporation of Pennsylvania
Application December 21, 1933, Serial No. 703,354
6 Claims. (Cl. 68—32)

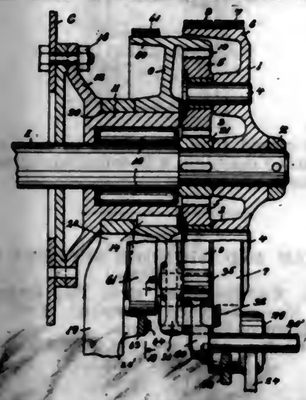


1. A wringer frame comprising a side stile of box form having a shaft receiving slot on its inner side and a projection on the outer wall of the stile opposite the slot, said projection being adapted to engage a recess in a wringer support and having an opening for receiving a securing stud.

2,107,540
POWER TAKE-OFF
Erich H. Lichtenberg, Milwaukee, Wis., assignor to Keehring Company, Milwaukee, Wis., a corporation
Application December 23, 1933, Serial No. 703,655
12 Claims. (Cl. 82—73)

1. In combination with a mixing apparatus of the class described, which includes a frame, a mixing drum mounted on said frame, a driven shaft lying on the axis of rotation of said mixing drum, a prime mover mounted on said frame for rotating said shaft, a power take-off means for coupling said shaft to said drum for selective rotation of said drum, said power take-off including a gear carrier mounted on said shaft and freely rotatable with relation thereto, a plurality of planetary gears mounted on said gear carrier, a gear mounted on said main shaft and meshing with said planetary gears, a driven member mounted on said shaft and having a gear meshing with said planetary gears, a sleeve member encompassing said shaft and supporting said

driven member, said driven member being keyed thereto, a radial part on said sleeve member, instrumentalities for connecting said radial part to said drum, a support for said sleeve encompassing said sleeve between the radial part and the driven member, and a pair of friction bands, one of which is mounted on said driven member and the other of which is mounted upon said



gear carrier, and operating instrumentalities therefor, said first named friction band being effective to hold the said drum against rotation, said second named friction band being effective to hold said gear carrier against rotation and effect the drive of said drum through said planetary gearing, driven member and sleeve member.

2,107,541

WIPING DEVICE FOR ROLLING MILL ROLLS

Paul H. Long, Middletown, Ohio, assignor to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio

Application September 6, 1934, Serial No. 742,949

4 Claims. (Cl. 80—1)



1. A combined coolant wiper and foreign-substance remover for a rolling-mill roll, comprising a member of softness and resiliency, having embedded in its surface that acts on the roll particles of abrasive material to effect the removal of the foreign substance from the roll.

2,107,542

SAFETY EQUIPMENT FOR BOATS

Morris Mandel, Chicago, Ill.

Application June 9, 1937, Serial No. 147,223

5 Claims. (Cl. 9—4)



1. A safety appliance for boats comprising collapsible flexible side members fastened in a collapsed condition on the top of the gunwales of a boat, a waterproof cover member enclosing the same, a collapsible flexible back member fastened in a collapsed condition on the top of the back edge members of the boat, a waterproof cover member enclosing the same, means comprising rigid strap members for supporting said flexible side and back members in a raised position, each of said side members having a resilient meeting edge, fastening means to hold said edges together in a raised position, and means fastening said back member along its edges to said side members to form an enclosure over said boat.

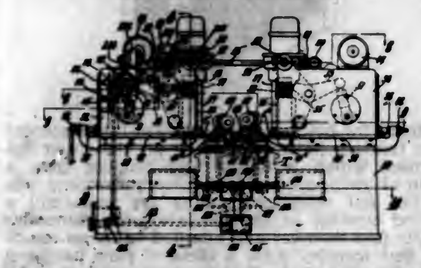
2,107,543

PLURAL GEAR SHAPING MACHINE

Edward W. Miller, Springfield, Vt., assignor to The Fellows Gear Shaper Company, Springfield, Vt., a corporation of Vermont

Application July 27, 1934, Serial No. 737,172

46 Claims. (Cl. 90—9)



3. In a gear generating machine, a plurality of gear shaper cutters each having teeth occupying less than the whole pitch circumference of the cutter and a gap at one side devoid of teeth, the number of such teeth being a multiple of the number of teeth to be cut in the work pieces and being arranged in series of which the second series are designed to cut the work additionally to the teeth of the preceding series, a turret rotatably mounted with its axis at an intermediate point between the cutter axes, a plurality of work spindles, adapted to carry gear blanks, rotatably mounted in said turret at such distances from the turret axis and from one another as to cause each spindle to be brought in turn, by rotation of the turret, into operative relationship with each cutter, means for rotating the cutter and work spindles in harmony for the generation of gears, and timing means organized to rotate the turret while the toothless gaps of the cutter are tangent to the spindle orbit and to cause pausing of the spindles in their working positions long enough to be acted on by all of the cutter teeth.

34. A gear generating machine comprising a rotatable turret, a plurality of work spindles rotatably mounted in the turret equidistant from and equiangularly spaced about the axis of the turret, means for periodically indexing the turret and stopping it with the spindles in turn in each of two working locations, a cutter spindle reciprocatively and rotatably mounted beside that one of the working locations in which the cutter spindles are first placed, a rounding tool carrier reciprocatively mounted beside the second working location, a tooth rounding tool mounted on said carrier in position to bevel the ends of teeth generated in the work pieces at the first working location, means for simultaneously rotating the work spindles in both working locations, and means for giving a back and forth reciprocation to the rounding tool carrier while the work spindle turns through the angle between two adjacent teeth of the work piece carried thereby.

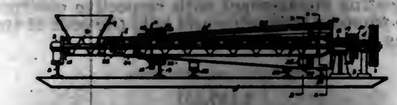
2,107,544

MIXER AND CONDITIONER

Weldon B. Moore, Corpus Christi, Tex.

Application January 2, 1934, Serial No. 704,879

4 Claims. (Cl. 210—60)



1. Apparatus for reconditioning a fluid drilling mud containing foreign bodies comprising spaced bearings, a conveyor shaft mounted in said bearings, means for rotating the shaft, a tubular stationary housing surrounding one end of the shaft and having a feed hopper, an intermediate bearing supporting one end of the housing, said intermediate bearing having an inside annular channel forming a collecting chamber, a drain leading from said chamber, a drum-like screen aligned with the housing, one end of which is supported in said intermediate bearing, and the other end of which is provided with a cage having an extended tubular shaft which surrounds the conveyor shaft, means for rotating said tubular shaft and screen, the adjacent ends of the screen and housing being provided, one with an annular collar whose free end is [illegible] and surrounds the other whereby the [illegible] through the joint between the housing [illegible] will be directed into said chamber, [illegible] surrounding the screen and flared [illegible] its discharge end, said collector having end bearings to receive and form a close fit with the screen, a drum-like guard adjacent the discharge end of the collector and surrounding and enclosing said cage, said collector and guard being provided with outlets, a conveyor on the conveyor shaft underneath said hopper, a conveyor on said shaft within the screen, mixing paddles on the conveyor shaft between said conveyors.

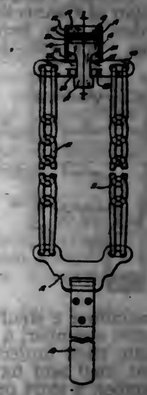
2,107,545

ANTISKID DEVICE

Frederick A. Olmstead, Cleveland Heights, Ohio, assignor to The Hodell Chain Company, a corporation of Ohio

Application April 16, 1934, Serial No. 720,678

13 Claims. (Cl. 24—193)



4. In a buckle of the character described, a frame having a base for receiving and supporting a strap member, strap clamping means secured to said base and including an operating lever having strap release and strap clamping positions, a set of primary lugs lying above and thereby securing a first portion of the strap in position over the lever to lock the same in clamping position, and a set of secondary lugs lying above and thereby securing the free end of the strap in a position folded back over the first portion thereof.

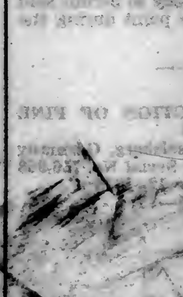
2,107,546

LIGHTER AND FUEL THEREFOR

Neil B. Purdy and Herman A. Schneider, Milwaukee, Wis.; said Purdy assignor to said Schneider

Application April 7, 1934, Serial No. 719,436

6 Claims. (Cl. 67—7.1)



5. A lighter, comprising, an elongated fuel cartridge composed solely of dry carbonized cotton, and a tubular container of somewhat larger internal cross-sectional area than the greatest cross-sectional area of said cartridge providing an air passage between said cartridge and container and having an open end for the reception and ignition of the cartridge, said container also having an air admission opening remote from said end for delivering air to the ignition zone through the space surrounding said cartridge.

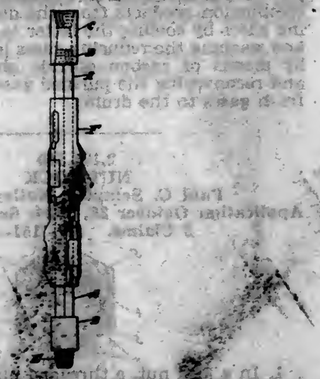
2,107,547

WELL REAMER

Thomas Myron Pyle, Oklahoma City, Okla.

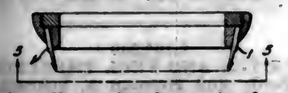
Application October 19, 1936, Serial No. 106,331

1 Claim. (Cl. 255—73)



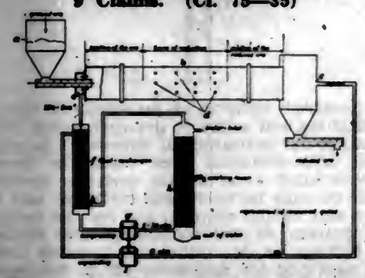
In combination with a drill string for rotary drilling, a reamer slidably mounted on said drill string, means to prevent relative rotation between said drill string and said reamer, and means to jar said reamer.

2,107,548
WORK TRANSFERRING DEVICE FOR KNITTING MACHINES
Clyde Alvin Riggs and Trester Byron Farmer, Chattanooga, Tenn.
Application March 16, 1936, Serial No. 69,064
6 Claims. (Cl. 66—148)



1. An impaling point for a circular quill ring for transferring knitted fabric to the needles of a circular knitting machine having an incut of relatively greater width than depth to engage a loop of the fabric therein, whereby to permit said loop to move lengthwise of the point during the transfer operation.

2,107,549
PROCESS FOR THE REDUCTION OF FINE IRON ORES
Hans Schmalfeldt, Cassel-Bracselberg, Germany
Application December 11, 1934, Serial No. 756,968
In Germany December 12, 1933
9 Claims. (Cl. 75—35)



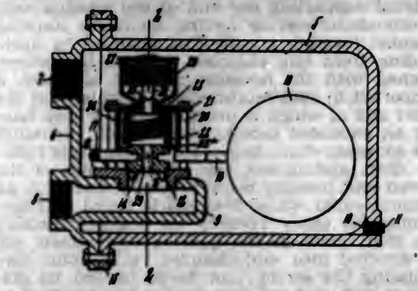
1. Process for the production of iron powder from fine iron ores in a rotary reduction drum comprising the step of bringing into contact the iron ores with reducing gases comprising carbon monoxide, introducing pure oxygen into the drum, the heat for heating the ores to 750° C. to 900° C. being produced by internal combustion of a part of the reducing gases by means of said pure oxygen, the further step of removing the combustion products from the discharged reducing gases by cooling the latter to 10° C. to 20° C. and washing the reducing gases leaving the drum by means of carbon dioxide absorbing liquids, and reconveying the purified gases together with fresh gases to the drum.

2,107,550
NUT LOCK
Paul C. Schmidt, Nutley, N. J.
Application October 23, 1934, Serial No. 749,395
2 Claims. (Cl. 151—26)



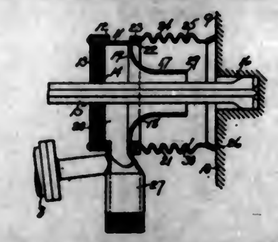
1. In a lock nut, a threaded nut having a bore extending transversely of the threads of the nut and having open ends, one side of the bore intersecting a portion of the threads of the nut, obstruction means formed solely upon the wall of the bore opposite the threads of the nut, said obstructions being positioned adjacent respective ends of the bore, a coiled spring within the bore normally of a length greater than the length of the bore and extending across and intersecting the threads of the nut, the ends of the spring having seating engagement with respective obstructions whereby to confine and hold the coils of the spring under compression.

2,107,551
STEAM TRAP AND BALANCED VALVE
William K. Simpson, Waterbury, Conn., assignor to Hoffmann Specialty Company, Waterbury, Conn., a corporation of Illinois
Application December 16, 1935, Serial No. 54,618
10 Claims. (Cl. 236—53)



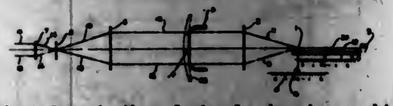
5. The combination with a casing having an opening to the outside, of a valve controlling said opening and being exposed on one side to the fluid pressure outside of the casing, an expansible bellows mounted in the casing in internal communication with the external pressure and in exposure externally to the pressure within the casing means whereby the internal pressure acting on the bellows is applied to the valve in opposition to the external pressure to which the valve is exposed, and means for shifting the valve between closing and opening positions.

2,107,552
HOOD FOR ROCK DRILLS
Lester C. Smith, West Hartford, Conn., assignor to The Spencer Turbine Company, Hartford, Conn., a corporation of Connecticut
Application September 1, 1937, Serial No. 161,972
4 Claims. (Cl. 255—59)



1. A drill hood including a shell closed at one end creating an outlet chamber, a spout smaller in diameter than said shell projecting from the opposite end of said shell and having openings into said outlet chamber, a skirt projecting from said shell and surrounding said spout creating an annular chamber communicating with said openings, and an outlet from said outlet chamber.

2,107,553
OPHTHALMIC INSTRUMENT
Edgar D. Tillyer, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application July 29, 1935, Serial No. 32,738
10 Claims. (Cl. 88—56)



10. A lens testing device having in combination, a projecting system embodying a source of illumination, a target and a standard lens for projecting, through a lens to be tested, rays of light of a vergence substantially equal to the angle of vergence of light rays coming from an object at a known near distance for which it is desired to obtain the effective focal power, an image forming lens system for producing a test image of said target, an optical system for viewing said image and an apparatus for measuring the focal power of a lens for said rays by changing the relative positions of some of the components of the projecting system.

2,107,554
HAIR TREATMENT
James Vagholsten, Toledo, Ohio
Application December 20, 1935, Serial No. 54,615
4 Claims. (Cl. 132—36)



1. In hair heating treatment and control, a holder for hair, said holder being of general cylindrical form and having along its cylindrical portion a hair-receiving way for parallel spiral wraps of hair extending therealong laterally therefrom for determining a position for the holder approximately parallel to the head having the hair being treated, treating means adapted to be located on the hair at the holder providing a region for heating, a radially set heater, and assembly means for the heater relatively to the holder and having clearance therealong for said hair-receiving way providing ready release for the heater independently of disturbing the located treating means.

2,107,555
STAPLING MACHINE ATTACHMENT
John Lee Walsh, Baltimore, Md., assignor to May Oil Burner Corporation, a corporation of Maryland
Application July 2, 1936, Serial No. 88,633
5 Claims. (Cl. 1—48)

1. A portable stapling device, comprising a spring actuated stapler unit and a detachable extension device attached thereto, said extension device comprising an extension arm, a manually operable lever pivoted at one end of said arm, means at the other end of said arm for actuating said spring actuated stapler unit, and means for linking said manually operable lever with said arm actuating means, said arm actuating



means actuating said spring stapler unit when said manually operable lever is actuated.

2,107,556
DRILLING MECHANISM
Lesten Watson, Ardmore, Okla.
Application February 28, 1936, Serial No. 66,199
9 Claims. (Cl. 255—19)



1. A drilling mechanism adapted to be connected to a pile driver having a hammer and a follow block suspended from said hammer including, a drill stem suspended from the follow block, a drill bit on the lower end of the stem, and means for rotating the stem to rotate the bit, the suspension between the stem and block being such that the weight of the hammer may be placed on the stem to force the drill into the formation.

2,107,557
SCALP COOLING APPARATUS
Zebulon V. Wood and Guilford B. Melton, Gaffney, S. C., assignors of three-fourths to said Zebulon V. Wood and one-fourth to said Guilford B. Melton
Application March 16, 1936, Serial No. 69,159
2 Claims. (Cl. 132—36)



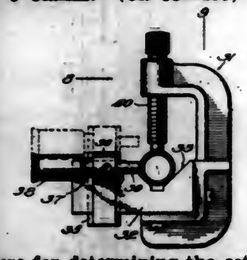
1. A head protecting shield for use in protecting the scalp in the art of permanent hair waving, said shield comprising a hollow resilient pad having an open ended slot therein which is adapted to encircle a bunch of hair adjacent the scalp,

the side of the pad disposed adjacent the scalp having a plurality of perforations adjacent the perimeter of said slot with the longitudinal axes of said perforations forming an acute angle with the longitudinal axis of said slot, and means for forcing air under pressure through said perforations to cool the scalp, the side of the pad remote from the scalp having secured thereto a pair of rigid members pivoted to each other at the closed end of the pad and being separable from each other at the open end of said pad.

2,107,553
GAUGING FIXTURE

Herman W. Zimmerman, Chicago, Ill., assignor to Automotive Maintenance Machinery Co., North Chicago, Ill., a corporation of Illinois

Application July 11, 1935, Serial No. 30,820
5 Claims. (Cl. 33—185)



1. A fixture for determining the setting of the cutting blade of a boring tool preliminary to boring a hole to fit the cylindrical portion of a predetermined part comprising in combination, a member having a substantially V-shaped groove adapted to successively engage said cylindrical portion and said boring tool, and a device adjustably mounted on the member so that a face thereof may be positioned to contact the surface of the portion when the same is engaged with the sides of said groove, the device being additionally shiftable on the member to move the face in a plane parallel to the plane which bisects the angle formed by the sides of the groove so as to contact the cutting blade of said boring tool when said tool is engaged with the sides of said groove, thereby determining the cutting position of the blade such that the hole bored thereby will fit the portion.

2,107,559
CARBONATED BEVERAGE

Clarence Edward Beck, Philadelphia, Pa., assignor of forty-seven percent to Albert T. Hanby, eight percent to Blanche Beck, and five percent to James H. Tait, all of Philadelphia, Pa.

No Drawing. Application November 14, 1935, Serial No. 49,858
7 Claims. (Cl. 99—78)

1. A carbonating tablet the essential ingredients of which are an alkali carbonate and an acid juxtaposed in alternate layers, the carbonate and the acid being intimately associated at the juncture of the layers and not elsewhere and the alternate layers being exposed at their edges.

2,107,560
ELECTRICAL INDICATING SYSTEM AND APPARATUS

Leonard Beddy, Ann Arbor, Mich., assignor to The Anderson Company, Gary, Ind., a corporation of Indiana

Application September 15, 1936, Serial No. 100,917
10 Claims. (Cl. 171—95)

4. An electrical indicator comprising a fixed support, a thermally responsive element comprising a pair of bi-metallic thermally warpable arms and an intermediate yoke, said arms extending in the same generally lateral direction from said yoke, spring means to maintain said yoke so positioned as to rock on a surface of

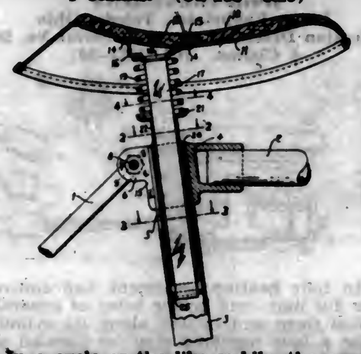


said support, an electrical heating element thermally associated with one of said arms, and an indicating element variably movably responsive to relatively differential thermally effected warping movements of one of said arms with respect to the other arm.

2,107,561
CYCLE SADDLE

John W. Brandt and Andrew J. Linder, Elyria, Ohio, assignors to The Trexel Manufacturing Company, Elyria, Ohio, a corporation of Ohio

Application December 9, 1935, Serial No. 53,491
3 Claims. (Cl. 155—5.19)



3. In a cycle or the like saddle, the combination with a cycle seat of a metal element rigidly secured to the under side of the seat, a tubular casing, a radially outwardly extending flange supported by the casing, the casing being adapted to be adjustably mounted in a cycle frame, a coiled spring having its lower convolution seating upon said flange and its upper convolution engaging the metal element to resiliently support the seat, a saddle post rigidly connected to the metal element and supported thereby, and the post lower portion being freely reciprocal in the casing but non-rotatable therewith.

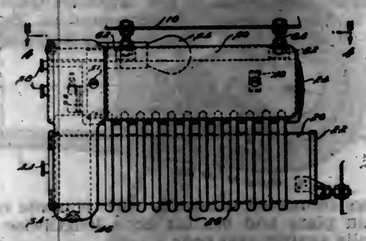
2,107,562
REFRIGERATING APPARATUS

John C. Buchanan, Detroit, Mich., assignor to Borg-Warner Corporation, a corporation of Illinois

Application May 21, 1935, Serial No. 22,626
6 Claims. (Cl. 62—99)

2. In combination, a heat insulated compartment provided therein with cooling means spaced from the side walls thereof, said cooling means comprising a sleeve open at one end and providing a freezer compartment, a refrigerant

header disposed above said sleeve, a panel arranged forwardly of said sleeve and said header and having an opening aligned with the open end of said sleeve, and a closure member carried by



said panel and adapted for closing said freezer compartment, said panel being provided upon each side thereof with rearwardly extending integral flanges and being adapted to conceal the front of said header and said sleeve.

2,107,563
DISPENSING CAP

Edward L. Chott, Chicago, Ill., assignor of one-half to Hugo J. Chott, Chicago, Ill.

Application May 6, 1936, Serial No. 78,077
6 Claims. (Cl. 221—106)



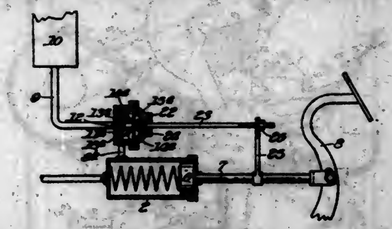
6. A device of the character described comprising a container and a closure therefor, said closure having axially aligned filling and discharge ports, a dispensing cylinder between said ports, said cylinder having adjustable measuring recesses each being aligned with a pair of said ports, said recesses each having an adjustable measuring screw therein, a bore in said cylinder between said measuring recesses, and friction means in said bore to restrict the movement of said screws, said means comprising a spring, said spring having friction cap pins adapted to engage said measuring screws.

2,107,564
HYDRAULIC BRAKE

Edward A. Dickey, Allentown, Pa.

Application February 14, 1935, Serial No. 6,514
1 Claim. (Cl. 60—54.6)

In braking apparatus, in combination with a piping system and a pressure exerting master cylinder communicating therewith having a piston and actuating means therefor, a supply reservoir, a chambered valve casing having conduit connection with the reservoir and the master cylinder, an opening and closing diaphragm valve therein subject to static pressure of the reservoir adapted to establish circulation to the master cylinder when open and to discontinue circulation thereto when closed, an arm connected with the piston actuating means, a valve closing abutment having a stem extending through the valve casing slidably engaging the arm and provided with a retracting abutment at one side thereof to effect opening of the valve when the piston is in retracted position, and resilient means held under compression by the arm and retracting



abutment permitting the valve to open when the piston is retracted and whereby release of such compression provides for reverse movement of the valve closing abutment and closing of the valve upon reverse movement of the piston-actuating means upon applying braking pressure.

2,107,565
HYDRAULIC MASTER BRAKE CYLINDER CONTROL

Charles E. Fiestle, Los Angeles, Calif.

Application October 28, 1936, Serial No. 108,031
2 Claims. (Cl. 188—142)



1. A device of the character set forth adapted to be placed between a towing vehicle and a trailer comprising a plunger body; a plunger slidably mounted in said plunger body adapted to apply brakes on the trailer; an internally threaded bore provided at one end of said plunger body; a spring adjusting nut mounted in said threaded bore; a friction washer resting against said adjusting nut; a spring cup slidably mounted at the bottom of said internally threaded bore to act as a guide for a tension spring which is interposed between said friction washer and said spring cup that absorbs any shock through the plunger; means slidably mounted in said internally threaded bore connecting said plunger so that when said plunger is actuated it causes the brakes of the trailer to operate.

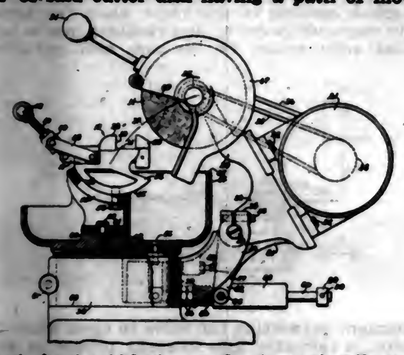
2,107,566
CUT-OFF MACHINE

Ralph D. Gardner, Rockford, Ill., assignor to Whitney Metal Tool Company, Rockford, Ill., a corporation of Illinois

Application March 9, 1936, Serial No. 67,762
12 Claims. (Cl. 51—93)

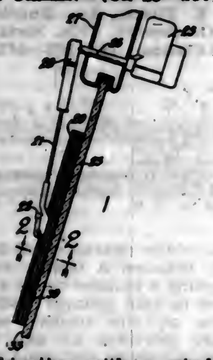
1. A cut-off machine comprising, in combination, work supporting means including a fixed jaw and a movable jaw for holding a work piece, adjustable means for tilting said work supporting means about a horizontal axis, a rotatably mounted cutter disk, means for pivotally supporting said cutter disk to swing about a horizontal axis located below said work supporting means into and

out of engagement with the work piece, the center of said cutter disk having a path of move-



ment about said last named axis passing through said fixed jaw.

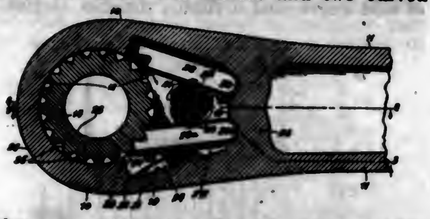
2,107,567
WINDSHIELD WIPER BLADE
Harry H. Greco, Detroit, Mich.
Application August 12, 1936, Serial No. 95,581
8 Claims. (Cl. 15—250)



1. In combination with a windshield wiper blade composed of a holder and a plurality of resilient composition wiping strips held within said holder and depending therefrom, a tempered flexible thin metal scraper strip having its lower edge bent outward with respect to said wiping strips juxtaposed to said wiping strips and adapted to flex with the said wiping strips under usual operating pressure for permitting the said scraper strip as well as the said wiping strips to conform to any irregularities in the surface of a windshield scraped and wiped thereby.

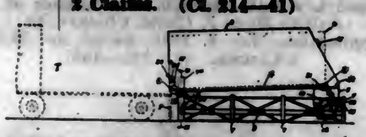
2,107,568
RATCHET WRENCH
Foster A. Haist, Buffalo, N. Y.
Application June 12, 1935, Serial No. 26,266
4 Claims. (Cl. 81—62)

1. A ratchet wrench comprising: a body member having a socket; a rotatable ratchet head journaled in said body member and having ratchet teeth; a pawl disposed at its rear end within said socket and adapted to engage at its front end with said ratchet teeth; and restraining means for holding the front end of the pawl in engagement with the ratchet teeth and the rear end thereof in engagement with the bottom of said socket comprising a plate engaging with the outer side of said pawl and bearing against the front end thereof and two curved



springs connected integrally with opposite edges of said plate and bearing both lengthwise and laterally against said body.

2,107,569
LOADING DEVICE
Walter E. Hamlin, Cleveland, Ohio, assignor, by mesne assignments, to Consolidated Iron-Steel Manufacturing Company of 1932, Cleveland, Ohio, a corporation of Ohio
Application December 31, 1935, Serial No. 56,926
2 Claims. (Cl. 214—41)



1. A load transfer apparatus of the type comprising a main frame and a forwardly and rearwardly movable body adapted to carry a load, a wheel support on the frame for movably supporting the body, the wheel support comprising a frame element extending transversely of the main frame, means to guide the frame element to move vertically on the main frame, a pair of wheels rotatably supported on the frame element disposed under laterally spaced portions of the body, a pair of laterally spaced screws connected at upper end portions to laterally spaced portions of the transverse frame element, a nut on each screw, a frame support under each nut, a sprocket wheel connected to each nut, a sprocket chain connecting the sprocket wheels, a nut having means engageable by a tool to turn it to effect longitudinal propulsion of the screws to raise and lower the transverse frame element and wheels thereon.

2,107,570
AUTOMATIC SWITCH LAMP SOCKET
John W. Hobbs, Chicago, Ill., assignor to The George W. Berg Corporation, Chicago, Ill., a corporation of Delaware
Application December 2, 1935, Serial No. 52,478
1 Claim. (Cl. 240—2)

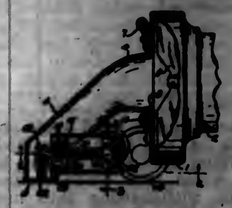
In an automatic gravity operated electric lamp switch construction including a tubular casing open at its front end for the projection of light rays outwardly through said open end, a lamp socket sleeve frictionally fitted within said casing and having an end adapted to receive a lamp within said casing and adjacent its open end, a cup shaped cylindrical shell slidably mounted within said socket and having its closed end adjacent the lamp receiving end of said socket, an insulating sleeve between said socket and cup shaped shell, an insulating disc closing the other end of said cup shaped shell, a hot conductor connected to said disc and movable with said

shell and having a head within said cup, spring means between said cupped shell and the rear end of said casing to urge said cupped shell towards the front end of the casing, a lamp within the lamp receiving end of said socket having a contact to bear against the closed end of said cupped shell and move the same inwardly when



the lamp is inserted in said socket, and freely movable gravity responsive conductor means within said cupped shell to adapt it to electrically connect said shell and the hot conductor when the casing is inclined in one direction and to electrically disconnect said shell and hot conductor when said casing is inclined in a different direction.

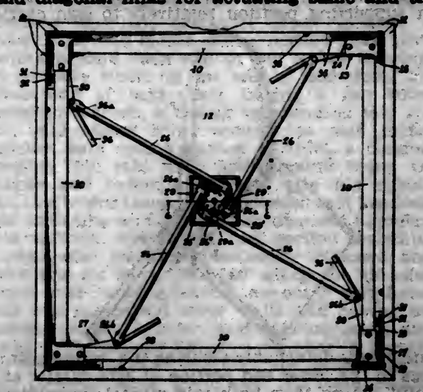
2,107,571
SUCTION CLEANER
James B. Kirby, West Richfield, Ohio
Application January 19, 1931, Serial No. 509,862
26 Claims. (Cl. 15—10)



1. The combination with the collecting nozzle of a vacuum cleaner of a supporting element pivoted thereto on an axis parallel to the plane of the inlet mouth, air suction means communicating with said nozzle, a brush carried by said element and located inside said inlet mouth, the pivot of said supporting element being spaced laterally from said brush, whereby said brush may rise and fall freely, and an eccentric and its driving motor carried by said suporting element and operatively connected to said brush in vibrating relation.

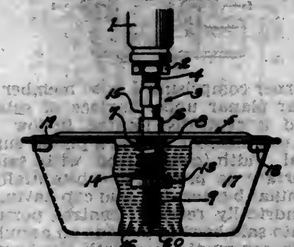
2,107,572
FOLDING TABLE
John Kovats, Fairfield, Conn.
Application August 21, 1936, Serial No. 97,123
19 Claims. (Cl. 311—23)

11. In a folding table, the combination of a rectangular table top; four legs; means for hinging the legs on the table top at the corners thereof for movement to and from extended and folded positions; toggle links connecting each leg with the table top; means acting on said toggle links for interconnecting the legs for simultaneous movement of all by one, said means including link members disposed diagonally of the table top, interconnecting diagonally opposite toggle links, and including means interconnecting the link members with each other; and a manually operable member pivotally carried by one of said diagonal links for actuating same and the



other links to break the toggles so that the legs may be folded.

2,107,573
POULTRY FOUNTAIN
Andrew H. Langdon, Los Angeles, John A. Langdon, Lancaster, and J. Spencer Langdon, La Habra, Calif.
Application April 13, 1936, Serial No. 74,130
3 Claims. (Cl. 119—81)



1. A poultry fountain fixed to a standpipe head and having a receptacle; means to support said receptacle on said standpipe head comprising a spider and a hollow stem slidably mounting said spider; said stem having threaded means at its top and bottom; an adjusting nut threaded near the bottom and on the stem that allows adjustment for a supporting spring that is interposed between said nut and an extension underneath said spider; a valve situated at the lower end of the stem in the passage, and means to operate the valve to keep the receptacle full of drinking water at all times.

2,107,574
COLLAPSIBLE SIDEWALK SIGN SUPPORT
Rudolph W. Lotz, Chicago, Ill., assignor to Schneider Iron Works, Chicago, Ill., a corporation of Illinois
Application August 16, 1937, Serial No. 159,260
6 Claims. (Cl. 40—125)

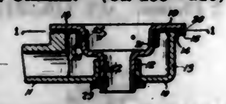
1. A collapsible sidewalk sign support comprising a sign carrying member, a pair of supporting legs pivotally secured at their ends to the same at points between the upper and lower ends thereof, a second pair of supporting legs pivotally secured to the first-named legs between the ends of the

latter and adapted to extend substantially perpendicularly thereto when said legs are disposed in supporting position relatively to said carrier



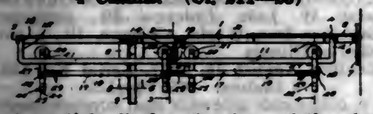
and means detachably securing the second pair of legs to the lower end portion of said carrier at a point spaced from both said pivotal connections.

2,107,575
BURNER
Richard L. Matthews, Lakewood, and John T. Marvin, Fairview Village, Ohio, assignors to The Patrol Valve Company, Cleveland, Ohio, a corporation of Ohio
Application December 28, 1934, Serial No. 759,454
2 Claims. (Cl. 158—116)



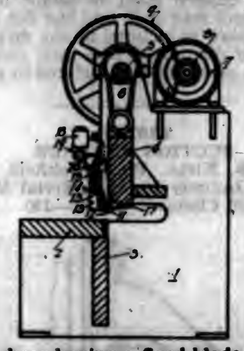
1. A burner comprising a bowl member having an annular planar upper surface of substantial width and a centrally located hollow tubular portion, a cap member having a planar surface of substantial width cooperating with said bowl planar surface to provide a substantially horizontal annular burner slot, said cap having a vertical cylindrically recessed central portion extending into said bowl to provide an annular passageway in communication with the burner slot and a cylindrically hollow tubular portion telescopically fitting said bowl tubular portion, and radially extending spacing means between said planar surfaces, said means having their outer extremities positioned a substantial distance inwardly of the outer edges of said surfaces and tapered to a sharp point in the direction of flow to permit the free flow of fuel in a continuous ring adjacent the outer edges of said planar surfaces to provide a continuous flame at the burner slot.

2,107,576
SUPPORTING AND DISPLAY RACK
Claude W. McAnally, Sr., Trinidad, Colo.
Application March 20, 1937, Serial No. 132,163
4 Claims. (Cl. 211—23)



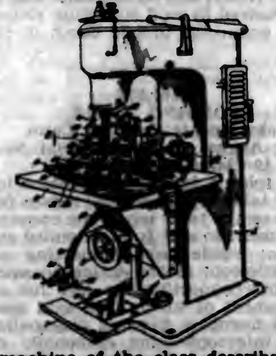
1. An article display structure of the character described comprising a horizontally supported frame, a plurality of track bars secured to said frame in spaced parallel relation, and an article supporting hanger unit suspended from each bar and consisting of a pair of grooved wheels adapted to run on the bar, a hook frame carrying each wheel, and a connecting element between the frames, each of said hanger units being of an overall length materially less than the supporting bar whereby the unit may be moved a substantial distance forwardly with relation to associate hanger units, and means whereby the overall length of each unit may be changed to accommodate articles of various widths consisting of a plurality of apertures in the connecting element and a bolt for selective engagement therein and coupling the element with a frame.

2,107,577
SHEARS
Samuel P. Moyer and Paul H. Long, Middletown, Ohio, assignors to The American Rolling Mill Company, Middletown, Ohio, a corporation of Ohio
Application September 6, 1935, Serial No. 39,462
5 Claims. (Cl. 164—47)



1. In a shear having a fixed blade and a reciprocating blade of the type described, positive means for wiping the reciprocating blade with oily material while said blade is moving, and mechanism for withdrawing said means from said blade before it begins its shearing function.

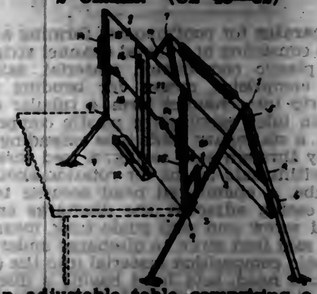
2,107,578
AUTOMATIC SHAPING MACHINE
Rudolph Onsrud, Chicago, Ill., assignor to Onsrud Machine Works, Inc., Chicago, Ill., a corporation of Illinois
Application May 24, 1937, Serial No. 144,398
4 Claims. (Cl. 144—145)



1. A machine of the class described comprising, a frame structure, a support pivoted for

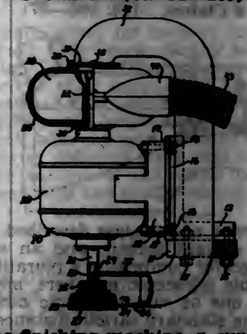
oscillation on said frame structure, a cutter spindle mounted for rotation in said frame structure, a pair of turn tables mounted for rotation in the said pivoted support, a motor on said support and drive connections between said motor and turn tables, a clutch in said drive connections for making the drive effective for either of said turn tables, means for shifting said support to bring one or the other of the turn tables into cooperative relation with the cutter spindle, and said means including a clutch shifting element to insure the automatic operation of said clutch on each shift of said supporting structure.

2,107,579
ADJUSTABLE TABLE
Edmund J. Ouellette, Duluth, Minn.
Application March 25, 1935, Serial No. 12,831
2 Claims. (Cl. 45—82)



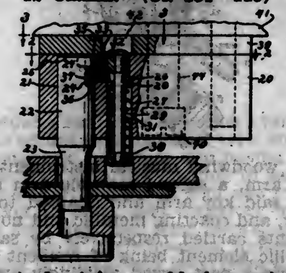
1. An adjustable table comprising a pair of leg sections pivotally united adjacent their upper ends, a table leaf pivotally secured at its lower corners to one of said leg sections intermediate of its ends, and a book shelf normally held in adjustable relation upon the under side of the table leaf, legs foldably attached to the upper corners of the table leaf for support thereof when extended for use as a table, and horizontal bracing members on the same side of both of said first mentioned leg sections so that when the table is fully folded said bracing members extend from one side of the folded structure and the book shelf and rack from the other side of the folded structure.

2,107,580
SHOE FINISHING APPARATUS
Harry H. Parks, Huntington Park, Lee A. Thomas, Maywood, and Howard S. Thomas, Huntington Park, Calif.
Application September 11, 1935, Serial No. 40,070
1 Claim. (Cl. 51—169)



In a shoe finishing machine, a support having a pair of brackets mounted thereon, a motor including a pedestal and an armature shaft, means to adjustably mount said pedestal on said brackets with the armature shaft vertical, a housing for said motor, said armature shaft projecting beyond each end of the motor housing, an abrasive wheel on one end of said shaft, the other end of said shaft having a fan rotor mounted thereon, a casing surrounding said rotor, said casing being secured to said motor housing, said casing having an inlet, a conduit opening into said inlet, said conduit being U-shaped and extending around said fan casing and said motor housing and between said brackets and including an inlet portion disposed adjacent said abrasive wheel, said inlet portion including a segmental housing horizontally disposed and extending for more than 180° about the abrasive wheel, said housing having an outer peripheral wall and upper and lower walls and having an opening to the interior, said opening being disposed adjacent said abrasive member, a closure for one end of said opening, the other end of said opening being open, said fan rotor casing having an exit therefrom and a flexible member communicating with said exit.

2,107,581
TOOL RETAINER
John H. Parsons, Bloomfield Hills, and Lawrence S. Lamb, Grosse Pointe Park, Mich.
Application October 31, 1932, Serial No. 640,466
Renewed July 9, 1937
12 Claims. (Cl. 164—118)

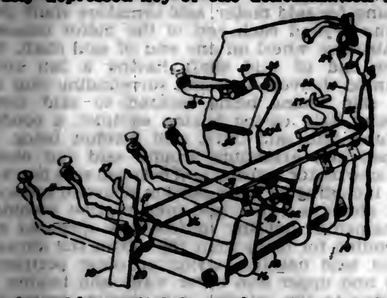


1. In a tool retainer, a block member having a tool socket therein and a depression in its rear surface adjacent and intersecting the socket, a backing plate arranged over the depression, a detent member slidable in the depression between and confined by the bottom of the latter and the backing plate which thus cooperate to form a slideway, said detent member having an inclined rear surface, an actuating member for the detent member movable laterally of the path of movement of the detent member having a wedging portion within the depression engageable with said inclined rear surface of the detent.

2,107,582
CALCULATING MACHINE
Walter J. Pasinski, Howell, Mich., assignor to Burroughs Adding Machine Company, Detroit, Mich., a corporation of Michigan
Application July 29, 1936, Serial No. 93,129
11 Claims. (Cl. 235—15)

1. In a cash register, a plurality of depressible keys of the desired denominations, and a key coupler having coupling portions adapted to latch said keys thereto upon partial depression of said keys, said coupling portions being so constructed and arranged that keys of denominations of other than those previously latched to said coupler may

be latched thereto, said coupling portions also being so constructed and arranged that a previously depressed key of one denomination may



be released by partial depression of a second key of the same denomination to latching position with said coupling portions.

2,107,583
KEY MECHANISM FOR WOODWIND INSTRUMENTS
Ford D. Platz, Fort Wayne, Ind., assignor to C. G. Conn, Ltd., Elkhart, Ind., a corporation of Indiana
Application May 2, 1936, Serial No. 77,491
8 Claims. (Cl. 84—382)



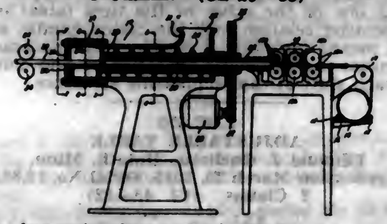
1. In a woodwind musical instrument, a movable key arm, a second movable arm arranged adjacent said key arm and adapted to actuate the latter, and coacting metallic and non-metallic elements carried respectively by said arms, the metallic element being of resilient material and having a part urged yieldingly away from the arm which carries it and held constantly in engagement with the non-metallic element.

2,107,584
KERF-CUTTING MACHINE
Thomas E. Pray, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application August 7, 1936, Serial No. 94,738
16 Claims. (Cl. 262—28)



1. In a mining machine, a frame, and a pair of cutter bars having cutter chains movable thereabout, mounted on said frame for simultaneous adjustable pivotal movement about coaxial vertical axes disposed adjacent their rearward ends, means for mounting said cutter bars for simultaneous vertical adjustment with respect to said frame and means interposed between said cutter bars for adjustably moving one of said cutter bars with respect to the other.

2,107,585
STRIP FORMING APPARATUS
James S. Reid, Shaker Heights, Ohio, assignor, by mesne assignments, to The Standard Products Company, Cleveland, Ohio, a corporation of Ohio
Application February 28, 1936, Serial No. 66,182
5 Claims. (Cl. 29—33)



1. Apparatus for continuously forming a tacking strip consisting of a metal channel strip containing plastic composition material, said apparatus comprising means for bending a flat metal strip into channel form, a tubular casing having an inlet opening for plastic composition material, a stationary guide tube extending longitudinally through said casing, a feed screw arranged within said casing for rotation about said guide tube, a chambered head secured to said tubular casing adjacent the discharge ends of said feed screw and said guide tube, means for rotating said feed screw to discharge under pressure plastic composition material into the chamber of said head, said head having a discharge opening in alignment with the passageway through said guide tube, means for continuously passing a flat metal strip through said bending means to give such strip a channel form and for continuously passing the channel strip thus formed through said guide tube, through the chamber of said head, wherein such strip is filled with plastic composition material, and through the outlet opening of said chamber, the passageway through said guide tube being of such size and shape as to support and guide said channel strip during its passage therethrough, and a die at the discharge end of said guide tube having an opening in alignment with the passageway through said guide tube, said die opening having a size and a channel shape corresponding to those of said channel strip.

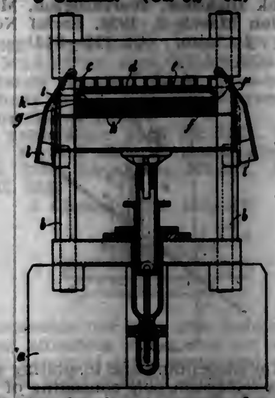
2,107,586
GLARE SHIELD STRUCTURE
Anthony M. Sauer, Cincinnati, Ohio
Application September 24, 1936, Serial No. 102,267
8 Claims. (Cl. 296—97)



7. In a device of the class described, the combination of a light screen, and an extendable standard therefor comprising a plurality of relatively movable telescopic members, means associated with one of said telescopic members for extending the standard various distances between upper and lower limits of travel, and means cooperating with the telescopic members to rotate one

of them through a predetermined arc of rotation as the telescopic members are moved from one limit of travel to the other.

2,107,587
FORMING OF PAPERBOARDS
Ewen Ross Smith, London, England, assignor to Papercrete Limited, London, England
Application August 19, 1935, Serial No. 36,925
In Great Britain August 20, 1934
3 Claims. (Cl. 92—61)



1. Apparatus for forming paper board by the paper making process comprising two platens movable relatively to one another and enclosing a space to which stuff water is admitted, a sieve carried by one of the platens on to which a layer of pulp is deposited by suction, and a member carried by the other platen and having a flexible surface adapted to be pressed into contact with the sieve to couch the layer of pulp thereon and transfer the same from the sieve to the flexible surface preparatory to the formation of a further pulp layer upon the sieve.

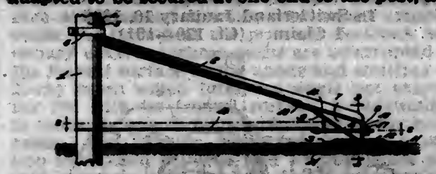
2,107,588
MUFFLER REPAIR JACKET
Joseph Leigh Smith, Glen Ellyn, Ill.
Application April 20, 1937, Serial No. 140,018
5 Claims. (Cl. 181—61)



1. A repair jacket for mufflers comprising two sections each split longitudinally so as to adapt said sections for overlapping engagement with each other at their inner ends for longitudinal adjustment and each section adapted to overlap at their contiguous longitudinal edges for lateral adjustment, whereby said sections can be fitted to mufflers of different sizes, and means for securing the sections of the repair jacket in close engagement with the muffler casing.

2,107,589
FENCE POST BRACE
John Orville Trail, Forest City, Iowa
Application March 26, 1937, Serial No. 133,241
2 Claims. (Cl. 189—31.1)

1. A fence brace including a bracing member adapted to be secured at one end to a fence post and having its opposite end formed to provide a reinforcing abutment portion having opposed and relatively spaced walls, a tension element adapted to be secured at one end to the post, and



an adjustable fastening element extending through said spaced walls of the abutment portion of the bracing element and connected to the opposite end of the tension element.

2,107,590
INSULATED MILK BOTTLE CONTAINER
William Harold Van Buskirk, Vancouver, British Columbia, Canada, assignor of one-half to Oliver Beaulieu, Vancouver, British Columbia, Canada
Application July 30, 1936, Serial No. 93,469
1 Claim. (Cl. 232—41)



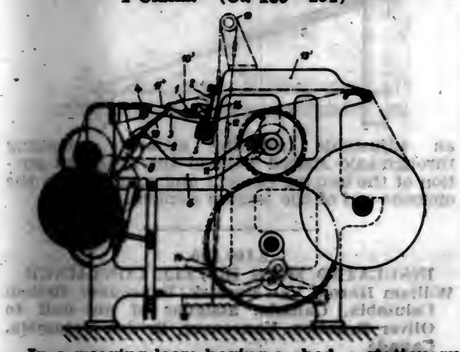
An insulated container including a hinged door, means to mount said container on a wall having an opening, said container also having an opening to register with the opening in said wall, a latch device carried by said door and including a spring bolt to enter said container opening to lock the door shut, said door having an opening through which a latch releasing implement may be inserted to release said latch from the outside, and means in the opening of said wall by which said latch may be released from the wall side.

2,107,591
DEVICE FOR MENTHOLIZING CIGARETTES
Albert O. Walker and Carl James Sanford, Independence, Mo.
Application April 28, 1937, Serial No. 139,536
6 Claims. (Cl. 131—55)



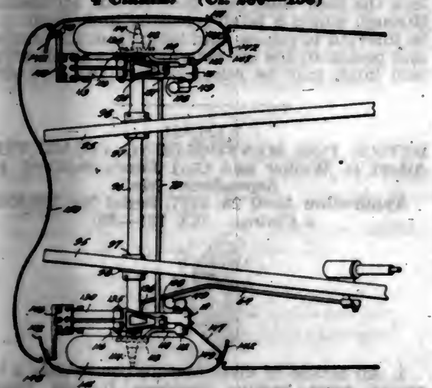
1. An article of manufacture comprising a recessed bowl having openings formed therethrough communicating with said recess; a hollow tapered insert, having an opening through the center thereof, and adapted to be fitted into the recessed bowl to form a chamber therebetween; and a fibrous medicated filler in said chamber formed between said bowl and insert, whereby air passing therethrough will be impregnated by any material suspended in the filler.

2,107,582
LOOM FOR WEAVING
Jakob Wolfensberger, Bauma, Switzerland
Application January 9, 1936, Serial No. 58,429
In Switzerland January 16, 1935
1 Claim. (Cl. 139—191)



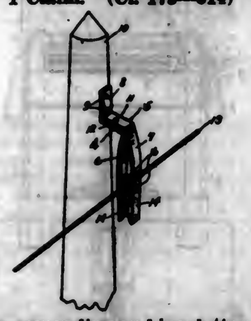
In a weaving loom having a shed, a stationary rake, a beating-up comb, thrust rods between the ends of which said comb is mounted, a shaft having rotary cranks to which one end of each of the respective thrust rods is connected, pivoted links to which the other end of each of the respective thrust rods is connected, in virtue of which the operative end of the prongs of said comb is caused to move in a pear-shaped path in making a beating-up movement, the path lying within the zone of the shed.

2,107,583
MOTOR VEHICLE
Frank C. Best, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a corporation of Michigan
Original application March 6, 1933, Serial No. 659,879. Divided and this application May 8, 1936, Serial No. 78,710
4 Claims. (Cl. 280—153)



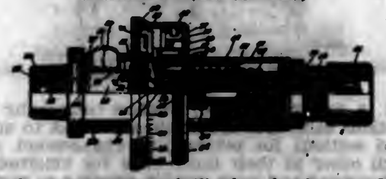
4. In a motor vehicle, the combination with a vehicle frame, of road wheels disposed at opposite sides of said frame, independent suspension means supporting said wheels on said frame for steering movement and for independent rising and falling movement with respect thereto, fenders carried by said frame, said fenders affording covers for the upper periphery of said wheels and having lateral openings therein to permit angular displacement of said wheels for steering thereof, and wheel covers so supported by said suspension means as to follow steering movements of the wheels but not to partake of rising and falling movement therewith, said covers being so constructed and arranged as to fit within said apertures and to afford continuations of the adjacent lateral surfaces of the fenders.

2,107,584
POLE BRACKET AND INSULATOR
Frank Bicknese, Worthington, Minn.
Application March 3, 1936, Serial No. 66,937
1 Claim. (Cl. 172—314)



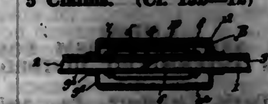
Means for suspending and insulating a conductor from a telegraph pole consisting of a pair of strap members having angularly extending upper ends secured to each other and provided at said upper ends with means for attaching the strap members in suspended spaced parallel relation to a pole, said strap members having free curved ends forming complemental jaws, heads of insulating material on the free ends of said jaws, said heads having inner beveled ends providing a substantially V-shaped groove therebetween to receive a conductor or line wire.

2,107,585
PRESSURE INDICATOR
Pierre Marcel Bourdon, Paris, France, assignor to Michelin et Cie., Clermont-Ferrand, France, a corporation of France
Application May 5, 1936, Serial No. 77,914
In France May 17, 1935
9 Claims. (Cl. 73—110)



1. A gas pressure indicator having a fixed hollow body portion, a relatively movable hollow body portion, coacting threads on each of said body portions whereby on relative rotation a relative longitudinal movement is imparted to said portions, an expansible gas chamber within said body portions the volume of which is changed by the longitudinal movement between said body portions, means including a check valve for introducing air into said gas chamber through said fixed body portion, a second chamber communicating with said expansible gas chamber, a pressure comparing member comprising an elastically supported piston in said second chamber and movable under force of air in said gas chamber, means for disclosing movement of said piston, and means on said fixed and movable body portions indicating the degree of relative movement therebetween, the degree of movement furnishing an index of the change in volume of the expansible gas chamber produced, said pressure comparing member having a known resistance to movement so that the change in volume of the gas chamber required to produce a predetermined movement of said piston is a constant function of the pressure to be measured.

2,107,586
PRESSURE COMPENSATING DEVICE FOR MULTIPLE GAS CHAMBERS
Pierre Marcel Bourdon, Paris, France, assignor to Michelin et Cie., Clermont-Ferrand, France, a corporation of France
Original application April 19, 1935, Serial No. 17,365. Divided and this application September 30, 1936, Serial No. 103,462. In France June 12, 1934
5 Claims. (Cl. 152—12)



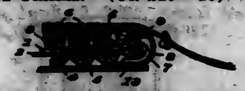
5. A connector for two gas holding vessels comprising adjoining tubes one for communicating with each of said vessels and each having adjacent ports opening outwardly, an elastic sleeve covering both of said ports and secured to the tubes in an air tight manner and adapted to be raised by pressure of gas operating through said ports to connect said ports together, and means for directing the pressure of gas in one of said tubes on the exterior of said sleeve to resist raising by pressure in the other of said tubes and to prevent raising by pressure in the adjoining tube.

2,107,597
HIGH VOLTAGE DISCHARGE TUBE
Albert Bouwers and Jacob Hermanus van der Tuuk, Eindhoven, Netherlands, assignors, by mesne assignments, to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands, a Dutch Company
Application June 26, 1933, Serial No. 677,703
In Germany June 27, 1932
7 Claims. (Cl. 250—35)



1. An X-ray tube for high voltages comprising an evacuated envelope, an anode member and a cathode member in said envelope, said cathode member comprising an electron-emitting filament and a metallic diaphragm surrounding said filament and serving to direct the primary electrons emitted by said filament towards the anode member, said metallic diaphragm having a plane frontal surface and said anode having a plane frontal surface opposing said first frontal surface and parallel thereto, said anode emitting under the impact of the primary electrons, secondary electrons whose paths are interrupted by the frontal surface of the anode and emitting an X-ray beam which forms an angle not exceeding 20° with its frontal surface, a ray-window in said envelope through which said X-ray beam passes, said metallic diaphragm having a portion interposed between said anode surface and said window, said portion being substantially transparent to the rays of the X-ray beam.

2,107,598
RUG OR CARPET
William Colvin, Jr., Troy, N. Y.
Application October 11, 1935, Serial No. 44,628
11 Claims. (Cl. 219—46)



1. A woven floor covering having a portion of the warp thereof composed of wire threads, groups of said threads being connected together at their ends, and the groups of connected threads being in turn connected to each other at their ends to form an electrical heating element, and a heat insulating backing secured on the underside of the woven body, the connected end portions of the wire threads being folded back against the underside of the woven body and disposed between the same and the heat insulating backing.

2,107,599
ELECTRIC BATTERY LAMP
Chan Ting Yu also known as T. Y. Chan, North Point, China
Application July 21, 1936, Serial No. 91,762
In Great Britain July 31, 1935
10 Claims. (Cl. 240—10.69)

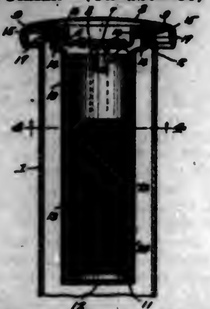


1. An electric battery lamp of the kind in which the bulb is slidable along the optical axis for focussing purposes and including a casing, a slidable bulb socket, an external button axially slidable on the casing and having a shank projecting within the casing, a crossbar on said shank, lever means engaging said socket and comprising two parallel arms disposed on either side thereof, the ends of said crossbar engaging pivotally in the ends of said lever arms.

10. An electric battery lamp having an extensible casing permitting the increasing or decreasing of the battery capacity by the insertion or

withdrawal of at least one dry battery cell, said casing comprising inner and outer tubular members arranged to be slidable telescopically relatively to each other, one of said members having an integral engaging device, and the other of said members having at least two similar coacting integral engaging devices, positioned at different stations along the length of the last named member and alternatively engageable with the integral engaging device of the first named member to secure said members together in positions corresponding to the number of cells it is desired to use, a base part mounted on one of said casing members and a bulb socket, reflector and controlling mechanism mounted in the other casing member.

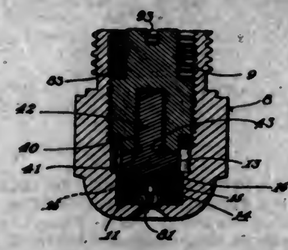
2,107,600
GAS KEEPER
John M. G. Darms, Carroll Park, Pa.
Application August 17, 1936, Serial No. 96,534
1 Claim. (Cl. 220—86)



The combination with the filling tube of a container, said tube having an inwardly and downwardly turned flange at its open end provided with diametrically opposed notches, of a gas keeper including a tubular body having an apertured end and an open end and having slots in its wall, inert tongues extending from opposed portions of the body and having inturned free ends, said tongues being bendable into position for engagement with the inturned flange on the filling tube, arms extending upwardly from the open end of the tubular body and offset laterally between their ends, said arms being insertible into the notches in the flange, a ring joined to the upper end of the arms and adapted to rest upon said flange, said ring having notches registering with the notches in the flange, the arms being offset laterally to hold the tubular body spaced inwardly from the filling tube to provide an annular space for the flow of fluid from the slots in the tubular body, a gasket interposed between said ring and the flange, a cap movable to position on the ring for closing the filling tube, and means carried by the cap for downward insertion through the notches and for cooperation with the inner edge of the flange to bind the cap upon the ring and to clamp the gasket between the ring and the flange when the cap is turned relative to the flange.

2,107,601
NOZZLE
John H. Davis, Ridgewood, N. J., assignor to Ballioffet Dies & Nozzle Co., Inc., Guttenberg, N. J.
Application July 15, 1937, Serial No. 153,860
4 Claims. (Cl. 299—120)

1. An atomizing nozzle comprising a body having an ejection orifice, a distributor in the body behind the orifice, a screw stem behind the distributor, the latter having lateral play with respect to the former, and means between the stem



and the distributor to prevent accidental separation of the stem and distributor, said means comprising a loosely interfitting axial plug and socket on said stem and distributor respectively.

2,107,602
PROCESS AND MECHANISM FOR SEPARATING INTERMIXED DIVIDED MATERIALS
Kenneth Davis, Edenburg, Pa., assignor, by mesne assignments, to Feale-Davis Company, Wilmington, Del., a corporation of Delaware
Application June 25, 1935, Serial No. 29,432
22 Claims. (Cl. 209—467)



1. The process of separating intermixed divided materials varying relatively greatly in size and relatively little in their specific gravities which comprises acting on a bed of the intermixed materials, supported on an air pervious table, by upwardly directed air currents to loosen the materials and to stratify them by flotation of the lighter material while permitting the heavier material to come to rest on the table, impelling the lighter superior stratified material directly forwardly in a stream straight along the table to a place of discharge at the front while preventing lateral spillage thereof, and directing the inferior heavier material transversely of, and to an edge of the table and then along the edge of the table and to a place of discharge.

15. A mechanism for purifying coal including in combination a relatively long and narrow, air-pervious deck which is longitudinally reciprocable and is inclined upwardly from its feed to its delivery end, means for feeding intermixed materials to the rear end of said deck, a retaining wall along one side edge of the deck for preventing spillage of heavier material thereover, a plurality of side-by-side separating partitions extending forwardly and transversely toward the retaining wall but terminating short thereof, the front portion of the deck comprising an angularly-disposed arm, an unobstructed pathway for settled heavier material extending along the deck and angularly-disposed arms between the retaining wall and the ends of the separating partitions, means for delivering settled heavier material from the angular arm and means for delivering a flotant stratum of lighter material to the rear of said arm.

2,107,603
ROLL TAPE CONTAINER
Sanford J. Ellenburg, Berkeley, Calif., assignor to Handy-Roll Company, Oakland, Calif., a corporation of California
Application August 22, 1934, Serial No. 740,913
4 Claims. (Cl. 242—55.4)



4. A device for dispensing tape comprising a sheet metal container adapted to hold a roll of tape and having a slot through which the tape extends, a finger slot in the side wall of the container to expose the tape for movement by the finger, a guiding wall within the container under the finger slot guiding the tape close to said side wall, said guiding wall provided with an outwardly raised boss aligned with but of smaller area than said finger slot and falling within the outline of the slot and against which boss the tape is pressed by the finger when moving the tape, all so that the finger will be kept substantially out of the slot when moving the tape.

2,107,604
STAYBOLT
Ralph W. Friday, Pittsburgh, Pa.
Application October 4, 1932, Serial No. 636,152
Renewed July 6, 1937
14 Claims. (Cl. 85—1.5)

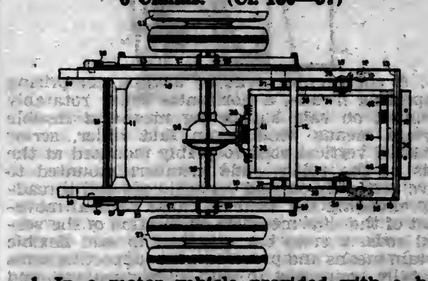


1. A staybolt comprising a head, a hollow bolt body and an electrical conducting element disposed in, and extending the length of, the hollow body and electrically insulated from the body along its length but electrically connected to the body at the head end of the hollow passage, said conducting element being of sufficient self-sustaining character and strength to be unaffected by fracture of the bolt body or by the resultant leakage, and serving to permit an electrical test of the bolt structure under all operating conditions.

2,107,605
METHOD OF PRODUCING COLORED PHOTOGRAPHIC MATERIALS
Béla Gáspár, Brussels, Belgium
No Drawing. Application August 9, 1934, Serial No. 739,136. In Germany August 10, 1933
6 Claims. (Cl. 95—7)

1. A method of uniformly coloring colloids used in the production of a photographic material including a light sensitive silver halide which comprises causing within the colloid a double decomposition by incorporating a lake forming dyestuff and a salt, which salt contains a lake forming cation and an anion of a colorless weak organic acid, indifferent to the light sensitive silver halide, a dyestuff lake being formed by the reaction and a salt of the weak organic acid resulting as a by-product.

2,107,606
MOTOR VEHICLE CONSTRUCTION
George A. Gemmer, Richmond, Ind.
Application June 12, 1936, Serial No. 84,931
6 Claims. (Cl. 180—57)



1. In a motor vehicle provided with a body supporting frame, a readily detachable propelling assembly positioned adjacent the rear of said vehicle frame, said assembly comprising, driving wheels and axles therefor, a housing for said axles, a sub-frame and resilient supporting means arranged between said sub-frame and said housing, means for detachably securing said sub-frame to said vehicle frame, and a motor unit extending rearward of and rigidly connected to said housing for driving said vehicle, pivot means secured to said motor unit at a point intermediate the ends thereof, and resilient means secured at one end to said sub-frame and extending rearwardly to said pivot means for supporting as sprung weight a desired portion of the weight of said unit.

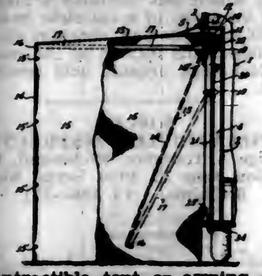
2,107,607
MACHINE FOR TREATING RESILIENT MATERIAL
Krafft Göbel, Guben, Germany
Application April 26, 1933, Serial No. 668,135
In Germany July 15, 1932
17 Claims. (Cl. 26—25)



1. In a machine for treating resilient material, movable bars arranged in pairs at opposite sides

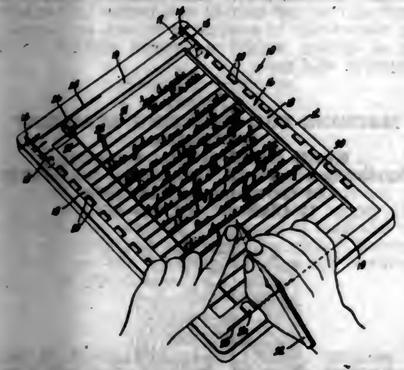
of the passage for the material to be treated and at an oblique angle to the direction in which the material moves through the passage, and means for moving the bars in each pair individually for deforming, and collectively for feeding the material.

2,107,608
CONTRACTIBLE TENT OR AWNING
William F. Hewlett, Upland, Calif.
Application August 3, 1937, Serial No. 157,128
4 Claims. (Cl. 135—1)



1. A contractible tent or awning comprising supporting means, a horizontal roller rotatably mounted on said supporting means, a flexible curtain means winding on said roller, screw threaded vertical rods rotatably mounted at the ends of the roller, slide members mounted to move vertically on said vertical rods and threadedly engaging the same to cause vertical movement of the slide members on rotation of the vertical rods, a cross bar attached to said flexible curtain means and provided with supporting arms pivotally connected to said slide members, and operating means connected to rotate the roller and the vertical rods simultaneously so as to raise the slide members and thereby extend the curtain means as the latter unwinds from the roller.

2,107,609
LINE GUIDE TO ENABLE THE BLIND TO WRITE SCRIPT
Harry G. Hill, Los Angeles, Calif.
Application March 21, 1936, Serial No. 70,696
5 Claims. (Cl. 35—38)



1. In a device for aiding in writing longhand, the combination of: a frame including two members adapted to extend along opposite edges of a piece of writing material; and a plurality of strands of a resilient nature connected at their opposite ends to said members at points disposed substantial distances outward from inner edges of said frame members and therefore substantially free to swing parallel with said writing material at said inner edges of said frame members, said strands lying sufficiently close to said writing material to flexibly guide a pencil in the hand of a person writing on said material.

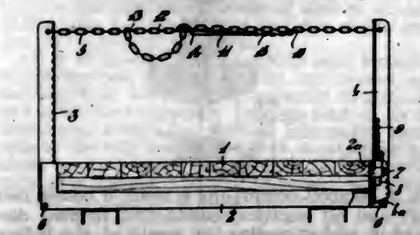
2,107,610
BLEACHING ALKYD RESINS
Almon G. Hovey, Pleasant Ridge, Mich., assignor to Helmuth Reichhold, doing business as Reichhold Chemicals, Detroit, Mich.
No Drawing. Application June 14, 1937, Serial No. 148,264
4 Claims. (Cl. 8—2)

1. A process of bleaching alkyd resins which comprises incorporating in the resin during the course of manufacture 0.1–0.5% by weight, based on the total amount of resin ingredients, of an acid which is a member of a group consisting of citric, tartaric and oxalic, at a time long enough before the batch is thinned so that the products of reaction may escape and the bleaching effect take place, and at a temperature substantially above 200° C., the bleaching agent being added near the end of the cooking process.

2,107,611
CATALYSTS AND METHOD OF PREPARING THE SAME
Carl H. B. Jarl, Royal Oak, and Almon G. Hovey, Pleasant Ridge, Mich., assignors to Beck, Koller & Company, Inc., Detroit, Mich.
No Drawing. Application May 29, 1937, Serial No. 145,633
8 Claims. (Cl. 22—233)

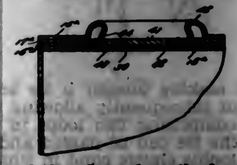
1. In a process for the preparation of catalysts by coating a carrier with catalytically active material and a binder, and then volatilizing the binder; the improvement wherein the binder employed is selected from a group consisting of unmodified polyhydric alcohol-polybasic acid condensation products and resins formed by the polymerization of styrol.

2,107,612
STAKE OR STANCHION FOR VEHICLES
Alfred Leo Karige, Gotene, Sweden
Application March 8, 1937, Serial No. 129,731
In Sweden February 4, 1936
9 Claims. (Cl. 105—382)



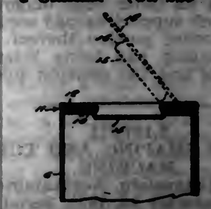
1. In a transport vehicle, a stake having a slot adjacent to its lower end, the lower end of said stake being bevelled outwards and upwards, a stretchable load-holding chain secured to the upper end of said stake, the other end of said chain being secured to a part of said vehicle disposed an appreciable distance laterally of said stake, an offset carried by said vehicle to form a support for the bevelled lower end of said stake, and a projection on said vehicle above said offset entering said slot, when said stake is in its vertical position on said vehicle, the distance between the lower edge of said projection and the upper edge of said offset being substantially equal to the distance between the lower edge of said slot and a point on said bevelled end of said stake between the ends of the bevelled surface.

2,107,613
CARTON
Irwin Ketcher and Morris Ketcher, Brooklyn, N. Y.
Application December 9, 1936, Serial No. 115,015
1 Claim. (Cl. 229—17)



A carton of the class described constructed of a folded blank and having walls provided at their upper ends with flaps arranged in super-imposed relation and positively united together to provide a multi-ply top wall for the carton, all of said flaps being provided with apertures coinciding to define a single pouring opening for the carton, and the aperture in the lowermost one of said flaps being of a size slightly less than the apertures in the other of said super-imposed flaps, and the uppermost of said super-imposed flaps having at the edge thereof defining the aperture therein a raised flexible bead the inner side of which presents a spring lip adapted to spring into engagement with a closure disc seating on the innermost one of said flaps for releasably retaining the closure disc within the pouring opening.

2,107,614
CARTON
Irwin Ketcher and Morris Ketcher, Brooklyn, N. Y.
Application December 9, 1936, Serial No. 115,016
3 Claims. (Cl. 229—17)



1. A carton of the class described constructed of a folded blank having walls provided at their upper ends with flaps adapted to be folded in super-imposed relation to provide a top wall for the carton, three of said flaps being provided with apertures coinciding to define a single pouring opening for the carton and a fourth one of said flaps being provided on its under side with a formation defining a plug adapted to seat within the pouring opening for closing the carton, said fourth flap inwardly from one edge thereof being foldable on an imaginary transverse fold line, and between said fold line and said one edge thereof being adhesively united to the uppermost one of said three flaps and functioning as a hinged mounting for said fourth flap.

2,107,615
DISPENSING DEVICE
George Mellen, Diamond Head, Honolulu, Territory of Hawaii, assignor to H. C. Hiltz, Honolulu, Territory of Hawaii
Application June 17, 1935, Serial No. 27,111
1 Claim. (Cl. 42—146)



A container comprising a flexible conical wall having a discharge opening at one end, a solid closure member of frusto-conical form fitting into the enlarged end of said conical wall, said closure member having a flange engaging the lower edge of said side wall and a flat transverse portion above the lower edge of said wall, a depression formed in said transverse portion extending substantially to the level of said lower edge and constituting a socket, a tube in alignment with the discharge opening of said container having its lower end fitting into said socket, and having apertures at intervals along its length; a cup formed in the lower portion of said tube, and a resilient spring positioned in said cup and socket and normally under compression, said flexible wall being adapted to force the contents of said container through the apertures in said tube, and thence out through the discharge opening on the application of pressure to the wall and said spring being adapted to return the wall to its normal position.

2,107,616
MANNER OF AND APPARATUS FOR ASCERTAINING THE MEAN LENGTH OF COTTON OR LIKE FIBERS AND/OR THE MEAN WEIGHT PER UNIT OF LENGTH OF SIMILAR FIBERS
Chandrashekariya Nanjundayya, Matunga, Bombay, British India, assignor to The Indian Central Cotton Committee, Bombay, British India, a corporation under the Indian Cotton Cess Act 1923
Application May 10, 1934, Serial No. 724,968
In British India May 12, 1933
7 Claims. (Cl. 73—51)



2. Apparatus for ascertaining the mean fiber length and/or the mean fiber weight per unit

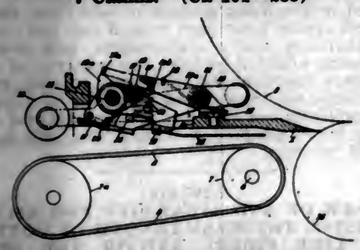
of length of raw cotton or other textile fiber, comprising a slide bed, a tweezer, a carriage mounted on the slide bed and carrying the tweezer thereon, means for causing said tweezer to engage and securely to hold fibers, said carriage being slidable on said bed to draw out certain fibers from a sliver, and a comb at one end of the slide bed adapted to hold the sliver.

2,107,617
ADJUSTABLE ICE CREEPER
Alvin Oetterer, Hermann, Mo.
Application June 24, 1937, Serial No. 150,197
3 Claims. (Cl. 36—62)



1. A device of the class described comprising a pair of members telescopically arranged, a clamp on the outer end of each member, downwardly extending points on the outer ends of said members, transversely extending rods supported by the outer ends of said members and springs connecting the rods together.

2,107,618
MACHINE FOR POSTMARKING AND LIKE PURPOSES
Walter Ochsenbein, Bern, Switzerland, assignor to Hasler A.-G. Werke für Telephonie & Präzisionsmechanik, Bern, Switzerland
Application May 29, 1936, Serial No. 82,662
In Switzerland July 3, 1935
7 Claims. (Cl. 101—235)



7. In a machine for postmarking or like purposes the combination of a rotatable marking cylinder, a belt conveyor actuated by rotation of said cylinder for feeding sheets to said cylinder, means whereby said cylinder is automatically locked on completion of each revolution, pressure means for pressing a sheet upon said conveyor so as to prevent relative movement between said sheet and said conveyor while said conveyor is working, a rotatable shaft, a finger rotatably mounted on said shaft and adapted to actuate said pressure means, a cam fixed to said shaft adapted to actuate said finger when said shaft is rotated in one direction, a spring loaded lever controlled by said cam, adapted to engage and lock said finger when said finger has actuated said pressure means, and adapted to be disengaged from said finger by rotation of said shaft in the opposite direction, and mechanism actuated by said shaft for unlocking said cylinder after actuation of said finger by said shaft.

2,107,619
DEVICE FOR MAKING ONESELF A TIE KNOT
Jules Ferdinand Ramas, Chaton, France
Application September 1, 1936, Serial No. 98,952
In France September 12, 1935
1 Claim. (Cl. 2—155)



Device for making oneself a tie knot outside the collar and subsequently allowing to place it in position, comprising two loops in which the two ends of the tie can be passed and caused to slide, and a double elastic bond in which the two loops are freely engaged.

2,107,620
COMBINED SOLE AND ARCH CONSTRUCTION FOR SHOES
Joseph Ruiz Rigandi, Westerleigh, N. Y.
Application June 10, 1936, Serial No. 84,393
3 Claims. (Cl. 36—71)



1. A combined sole and arch support construction comprising in combination, an insole having an arched portion intermediate of its ends, a relatively narrow skeleton sole member defining the edge of said insole member, said skeleton sole member having its inner edge undercut, and a compressible arch supporting pad secured to said insole at the arched portion thereof, said compressible supporting pad being interposed between the insole and the skeleton sole.

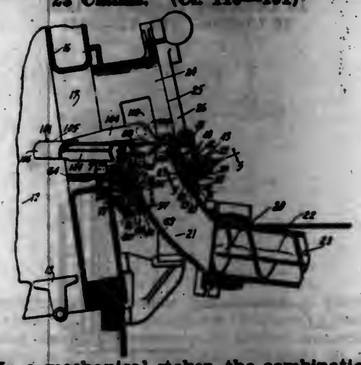
2,107,621
GARMENT SHAPING AND TURNING MACHINE
Morris J. Rubenstein, Northampton, Pa.
Application November 26, 1935, Serial No. 51,662
2 Claims. (Cl. 223—41)

1. In a machine of the class described comprising a support, a die-carrying member connected with the support, a second die-carrying member hingedly connected at its lower end to the support and adapted to be moved toward the first die-carrying member, each die-carrying member comprising an upstanding member having a notch formed in its upper end and a plate secured to each side of the upstanding member, said plate extending across the entire width of the upstanding member and beyond the upper end thereof to form a socket, and a pair of dies, each die comprising a stem, a part integral with a portion of the upper end of said stem, and a second part resting on a portion of the upper end of the stem and adjustable relative to the first part, each die removably and securely fitting in the



socket of each upstanding member and adapted to be adjusted while in position on the die-carrying member.

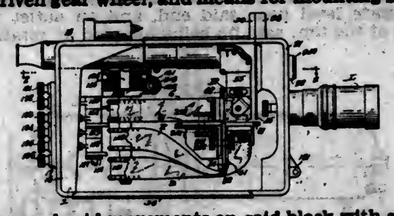
2,107,622
FUEL DISTRIBUTING MECHANISM
Howard P. Andersen, Erie, Pa., assignor to The Standard Stoker Company, Inc., a corporation of Delaware
Application April 14, 1934, Serial No. 720,546
23 Claims. (Cl. 110—101)



1. In a mechanical stoker, the combination of a firebox having a wall with a firing opening therein, a conduit for delivering fuel to said firing opening, a pressure fluid distributor head movably mounted on the rear wall of said conduit opposite the lower portion of said firing opening and means for adjusting said distributor head to any one of a number of positions vertically and horizontally along said conduit rear wall, said distributor head being provided with jet openings directed toward said firing opening.

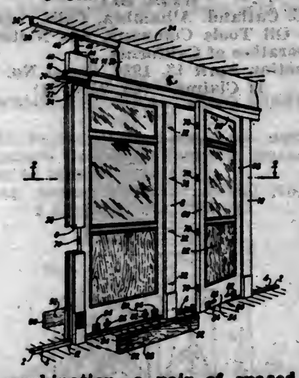
2,107,623
MOTION PICTURE CAMERA DRIVE
Joseph A. Ball, Los Angeles, Calif., assignor to Technicolor Motion Picture Corporation, Hollywood, Calif., a corporation of Maine
Original application August 20, 1931, Serial No. 558,198. Divided and application April 21, 1933, Serial No. 667,282. Divided and this application January 22, 1936, Serial No. 60,233
5 Claims. (Cl. 88—16.4)

1. A motion picture camera comprising a rigid supporting block, a driving gear wheel on said block, two film gates, two film movements for transporting film through said gates each having a driven gear wheel, and means for mounting said



gates and said movements on said block with said gear wheels meshing, said driving and driven gear wheels being maintained in definite relative position by said block.

2,107,624
PARTITION SYSTEM
Mannie Berger, Plainfield, N. J.
Application September 15, 1936, Serial No. 100,826
6 Claims. (Cl. 20—4)

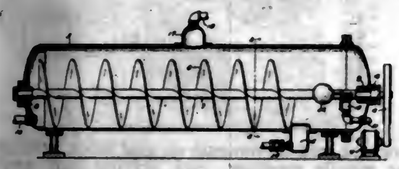


1. In combination, a pair of spaced vertical posts, both of said posts being grooved, but one post being grooved more deeply than the other, a channeled member above and positioned across the upper ends of said posts, a sectional panel unit so dimensioned as to be adapted to be inserted in the deeper channel of one of said posts, then moved to alignment with the shallower groove of the other post, then raised into the channeled cross-member and then adapted to be moved into the shallow channel of the other post; and means for removably maintaining said unit in a position so as to engage the lips of the channeled cross-member.

2,107,625
GAS SEPARATOR
William I. Bettis, Los Angeles, Calif., assignor to Estelle B. Kleaver, Burbank, Calif.
Application February 13, 1936, Serial No. 63,685
1 Claim. (Cl. 183—2.7)

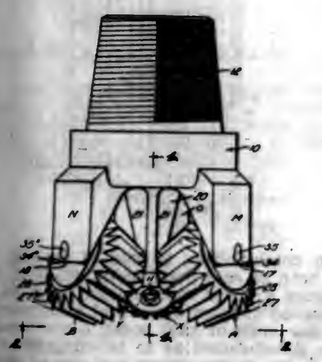
A gas separator comprising; a closed horizontal cylindrical container of which the upper portion affords a unitary gas chamber; a rotatable shaft extending into the container parallel to, and directly below, the axis thereof; a continuous helical fin affixed to the shaft, within the container and extending nearly to the bottom thereof; means for passing gas-containing liquid into the container; and means for maintaining the liquid within the container at about the

shaft level; said container having, a sump and outlet for heavy impurities at the bottom near one end, an outlet for purified liquid at an intermediate level near said end, and an outlet for gas at the top; said fin being adapted by rotation



to move settled impurities along the bottom of the container into said sump; and the rotatable parts within the container being adapted to pass through said liquid without substantial agitation thereof.

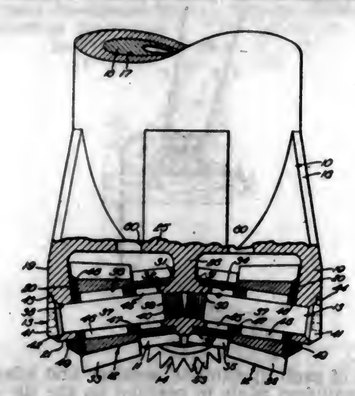
2,107,626
WELL BIT
Alfred C. Catland, Alhambra, Calif., assignor to Globe Oil Tools Company, Los Nietos, Calif., a corporation of California
Application April 13, 1936, Serial No. 74,164
11 Claims. (Cl. 255—71)



1. A well bit comprising, a shank, three circumferentially spaced outer roller cutters at the lower end of the shank, two of the outer cutters being of greater axial extent than the third outer cutter, separate means supporting said two outer cutters for rotation, an inner roller cutter, and a single removable member rotatably carrying said third outer cutter and the inner cutter.

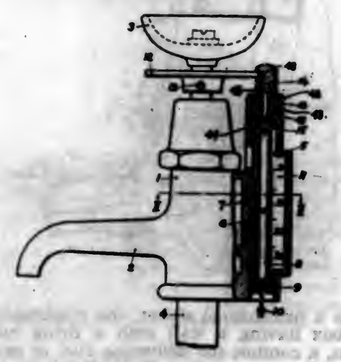
2,107,627
WELL BIT CONSTRUCTION
Alfred C. Catland, Alhambra, Calif.
Application October 13, 1936, Serial No. 105,371
6 Claims. (Cl. 255—71)

1. In a roller bit, a body, a wing depending from the body, a web depending from the center of the body, the wing and web being integral with the body, an integral bearing part on the web, the wing having an opening, the web having an opening concentric with the bearing part, a pin extending between the wing and web and having its end portions directly supported in said openings, a cutter rotatably supported on the outer portion of the pin, and a cutter whose inner portion rotatably bears on said bearing



part and whose outer portion is rotatably supported by the pin.

2,107,628
EVAPORATION METER
Odin Thorvald Clerius, Copenhagen, Denmark
Application September 25, 1936, Serial No. 102,618
In Denmark October 8, 1935
16 Claims. (Cl. 73—193)



1. The combination with a main flow controlling valve, of an evaporation meter having a container for an evaporation liquid and valve means for opening and closing said container, and an operative connection between said main valve and the valve means of the meter for opening and closing the container as the main valve is opened and closed.

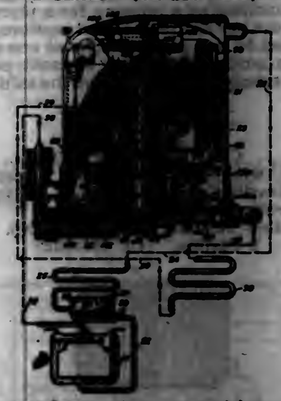
2,107,629
ADJUSTABLE CHAIR LEG EXTENSION
Constance Hopkins Dallas, Chestnut Hill, Pa.
Application January 12, 1937, Serial No. 120,904
7 Claims. (Cl. 155—93)

1. In combination with a leg for a chair or the like, an extension member having vertically spaced slots formed therein, and adapted to be selectively engaged, a holding element having a down-turned hook and attached to the leg end, said hook engaging said extension member

through one of said slots and holding it against said leg, and adjustable clamping means securing the upper portion of said extension member against said leg.



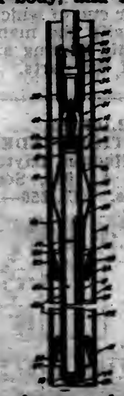
2,107,630
REFRIGERATING APPARATUS
Frederick R. Erbach, Beloit, Wis., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich., a corporation of Maryland
Application September 21, 1932, Serial No. 634,139
1 Claim. (Cl. 230—139)



A compressing system comprising a base, a compressor, a motor mounted thereon, a casing enclosing said compressor and motor secured to said base, a body of lubricant disposed in said casing, and adapted to function as a lubricant sealing means and cooling agent, and means for pumping and conducting said lubricant outside of said casing for cooling said lubricant and then conducting said lubricant to the upper portion of the region in said casing where a portion of said cooled lubricant is directed over the motor windings and the remainder of said lubricant along the inside surface of said casing.

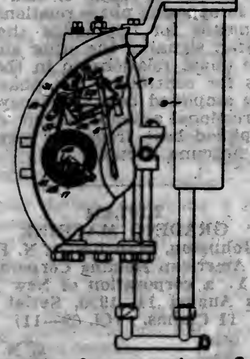
2,107,631
WELL CLEANING SYSTEM
Weldon C. Erwin, Huntington Park, Calif., assignor to John Grant, Los Angeles, Calif.
Application June 17, 1935, Serial No. 26,917
1 Claim. (Cl. 166—19)

In a well cleaning device, the combination comprising, a body carried on the lower end of a pipe, said body and pipe being relatively movable and the lower portion of the pipe forming a low pressure chamber, and valve means operable by virtue of relative movement between said pipe and body to intermittently admit well liquid through the body into said chamber, said valve means comprising an upwardly projecting valve member carried by said body, and a tubular valve seat



attached to the lower end of said pipe, and a screwthreaded connection between said body and the tubular valve seat.

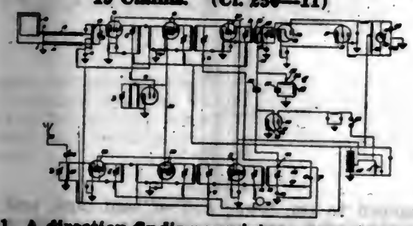
2,107,632
COMPENSATED MEASURING INSTRUMENT
Webster W. Frymeyer, Foxboro, Mass., assignor to The Foxboro Company, Foxboro, Mass., a corporation of Massachusetts
Application August 29, 1935, Serial No. 37,032
5 Claims. (Cl. 73—31)



2. An apparatus for measuring a first variable and correcting such measurement by the value of a second variable comprising a supporting base, a shaft supported in the base for rotation responsively to the first variable, a frame, means adjacent one end of the frame for supporting the same by bearings coaxial with the shaft and spaced longitudinally of said axis, an arm extending radially from the shaft, a second arm extending from the frame substantially parallel to the shaft for engaging the first arm to be driven thereby, a lever and means for pivoting it to the distal end of the frame by spaced bearings providing a floating axis parallel to the shaft, a link suitably connected to and moved by mechanism responsive to a second variable pivotally connected to the lever at a point adapted to pass through the shaft axis, a manifesting device mounted on the base and adapted to rotate about

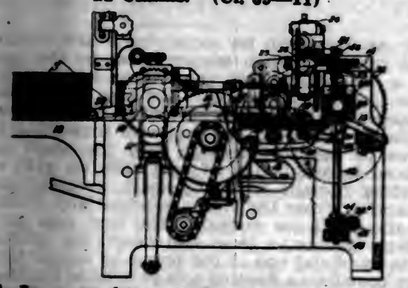
an axis parallel to and remote from the shaft axis and a connecting rod, one end of which is pivotally connected to the lever between the ends thereof and the other end of which has a pivotal driving connection with the manifesting device adapted to overlie said floating axis in a predetermined position of the parts.

2,107,633
DIRECTION FINDER
Frederick J. Hooven, Dayton, Ohio
Application March 4, 1935, Serial No. 9,184
19 Claims. (Cl. 250—11)



1. A direction finding receiving apparatus comprising a receiving circuit connected to a directional antenna, a receiving circuit connected to a non-directional antenna, amplifier circuits for separately amplifying the signals in said receiving circuits, an oscillator coacting with each of said amplifier circuits for producing therein a beat frequency, a pair of rectifiers, an indicator for indicating the current differential in the output of said rectifiers, connections from the input sides of said rectifiers to one of said amplifier circuits, a phase determining network disposed in said connections to thereby impress the amplified beat frequency signal of said one amplifier circuit in opposing phase relationship on the rectifiers, means for impressing the amplified beat frequency signal of the other amplifier circuit in like phase relationship in the rectifiers, and means for controlling the phase relationship of the amplified beat frequency signals of the non-directional antenna circuit with respect to the amplified beat frequency signals of the directional antenna circuit.

2,107,634
GRADING MACHINE
James W. Johnston, Manchester, N. H., assignor to North American Holding Corporation, Syracuse, N. Y., a corporation of New York
Application August 14, 1936, Serial No. 96,072
11 Claims. (Cl. 69—11)



1. In a machine of the character described, skiving mechanism including a skiving knife, a vertically movable gauge roller and an adjustable abutment to limit the extent of the movement of separation of the gauge roller from the skiving knife, and mechanism controlled by the blank during its passage through the machine to lift the gauge roller to the extent permitted by the abutment before the blank engages the gauge roller.

2,107,635
TUBE HOLDING DEVICE
Fred J. Junkermann, Philadelphia, Pa.
Application November 18, 1936, Serial No. 111,355
4 Claims. (Cl. 29—67)



1. A tube holding device of the character described comprising a block formed with a plurality of differently sized grooves, a second block hinged to the first block and formed with a plurality of grooves complemental to the grooves in the first mentioned block, any two complemental grooves constituting a housing for a piece of tubing when the blocks are in closed position, a structure carried by one of the blocks at one end constituting a guide for a cutting element, said guide structure extending across all of the said grooves.

2,107,636
CLEANSER DEVICE
Russell B. Kingman, Orange, N. J., assignor to Metal Textile Corporation, West Orange, N. J., a corporation of Delaware
Application July 20, 1935, Serial No. 32,347
2 Claims. (Cl. 15—122)

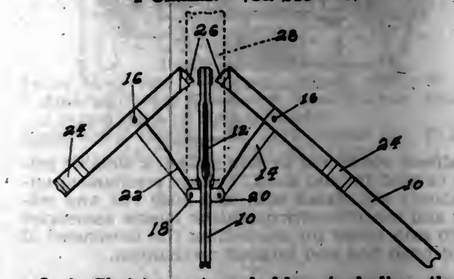


1. A cleaner device comprising a resiliently compressible hollow body adapted to enclose expressible saponaceous material, portions of the body wall being made of sponge rubber through which saponaceous material may be expressed, and a metallic mesh secured to said body in externally overlying relation to the sponge rubber wall portions thereof.

2,107,637
METHOD OF MAKING POROUS ARTICLES
Pierre Lefebvre-Carnot, Paris, and Leon Pierre Georges Vautier, St. Just des Marais, France, assignors to Soci6t6 Francaise de la Viscose S. A., a corporation of France
No Drawing. Application August 11, 1936, Serial No. 95,446. In Great Britain August 24, 1935
9 Claims. (Cl. 18—48)

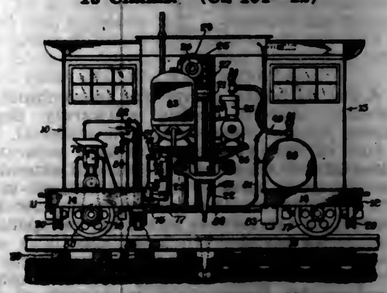
1. In a method of preparing porous articles, such as artificial sponges or the like, the steps which comprise incrusting bodies which are substantially inert to and are not appreciably attacked by the reagents employed in the coagulation, fixing and other treatments the materials have to undergo during the process of producing the articles into the surfaces of a shaped mass formed of an intimate mixture of a cellulose derivative, fibers and pore-forming substance, coagulating and fixing the cellulose derivative, removing the pore-forming substance, and removing the incrusted bodies.

2,107,638
CHRISTMAS TREE HOLDER
James E. Lyons, Salem, Oreg.
Application August 17, 1936, Serial No. 96,455
4 Claims. (Cl. 248—48)



3. A Christmas tree holder, including three supporting legs, a central spider, and a link pivotally connecting each leg to the spider, each leg comprising two channel-shaped elements connected together back to back, and spaced apart to provide a link receiving slot adjacent the middle portions thereof.

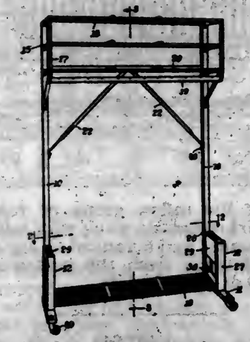
2,107,639
RAILWAY BALLASTING MACHINE
Robert E. Madison, Harvey, Ill.
Application July 1, 1932, Serial No. 620,331
Renewed June 11, 1937
13 Claims. (Cl. 104—12)



1. The method of ballasting adjacent pairs of railway ties which comprises agitating ballast from a point between the ties in a substantially horizontal plane lying below the plane of the bottoms of the ties by a member having a rotary motion about a vertical axis to effect lateral movement of the ballast from the point of agitation to positions underlying the ties, the displaced ballast being replaced as it is moved laterally by the ballast above that which was agitated.

2,107,640
WARDROBE RACK
Raymond A. Magnuson, Chicago, Ill., assignor to Vogel-Peterson Co. Inc., Chicago, Ill., a corporation of Illinois
Application January 16, 1935, Serial No. 1,969
9 Claims. (Cl. 211—1)

1. A wardrobe rack having in combination a plurality of laterally spaced vertical supports comprising horizontal base members, uprights secured to the rear ends of the base members, elongated top members extending forwardly from the uprights and rigidly secured in overhanging relation to said base members, article supporting means at the upper ends of said supports including a cross rail for heavy articles such as coats extending laterally between said uprights and



supported by said forwardly extending top members in forwardly spaced relation to said uprights, and hollow brace members secured in the angles formed by said base members and uprights so as to restrain forward tilting of the uprights upon their base members when said cross rail is subjected to a heavy load, said hollow brace members being open at their upper ends to form receptacles for umbrellas and the like.

2,107,641
DISPLAY DEVICE
Gilbert Cupps Malcomson, Collingswood, N. J.
Application March 2, 1935, Serial No. 8,974
7 Claims. (Cl. 40—130)

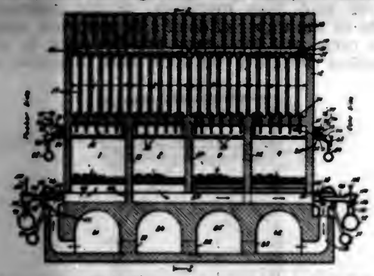


1. A display device comprising a plurality of boards disposed in spaced parallel planes and having openings therethrough, said boards carrying pictorial representations making up the display, said openings constituting a part of the pictorial representations, and illuminating means visible through said openings to impart reality to the pictorial representations, and also illuminating others of said boards.

2,107,642
COKE OVEN BATTERY
Charles V. McIntire, Short Hills, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y., a corporation of New York
Application February 9, 1934, Serial No. 710,445
6 Claims. (Cl. 202—151)

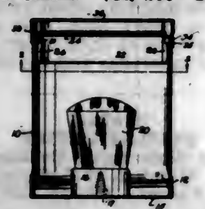
1. In a regenerative coke oven battery comprising heating walls and coking chambers arranged side by side in alternate relation, each of said heating walls comprising combustion flues, crosswise extending regenerators disposed beneath the coking chambers communicating with the combustion flues and arranged in two groups, one group operating for inflow while the other group simultaneously operates for outflow, a chimney flue with which the outflow group of

regenerators communicates, an air main for containing air under pressure, passages connecting the inflow group of regenerators with said chimney flue, and an aspirator individual to each re-



generator of the inflow group of regenerators, said aspirators communicating with said air main and said passages and arranged to aspirate products of combustion from the passages into the inflow group of regenerators.

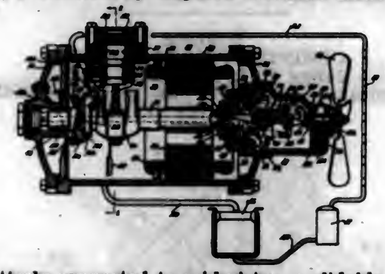
2,107,643
COMBINED RECEPTACLE AND BRUSH HOLDER
Alvin J. Milkavec, Cleveland, Ohio
Application October 24, 1935, Serial No. 46,556
1 Claim. (Cl. 206—1)



In combination with a cylindrical material container having an opening and being provided with a plurality of vertically extending ribs and an annular rib, each projecting from the outer periphery of said container, of a cylindrical supporting member having a threaded end with the extreme end being inturned to form a supporting means by cooperating with the annular rib of said container, the supporting member having cooperating portions with said vertical ribs for positioning the container and preventing inadvertent removal of the container from the support, and a cover having a threaded end engageable with the threaded end of the support for closing the opening of the container and placing the assembly in tight engagement.

2,107,644
REFRIGERATING APPARATUS
Grayston Roy Ohmart, Detroit, Mich., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich., a corporation of Maryland
Original application October 7, 1932, Serial No. 636,631. Divided and this application December 12, 1935, Serial No. 54,631
1 Claim. (Cl. 230—29)

A refrigerant compressing unit comprising means providing a compression chamber having discharge and inlet ports and a vertically extending by-pass port parallel to said chamber, a push rod adapted to be reciprocated in said by-pass port, a valve carried by said rod with its head arranged to be acted upon by the pressure of the refrigerant in said compression chamber to tend to urge said valve toward its seat, a piston arranged for operation in said compression chamber, a horizontally disposed rotatable shaft op-



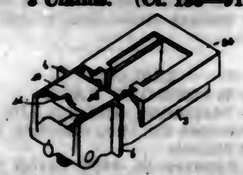
eratively connected to said piston, a slidable collar carried by said shaft, linkage mechanism operatively associated with said push rod and collar and centrifugally operating means associated with said collar for controlling the movement of said push rod and linkage mechanism.

2,107,645
DRY FLY HOLDER
Arthur C. Parkhurst, Denver, Colo.
Application March 19, 1937, Serial No. 131,816
4 Claims. (Cl. 43—1)



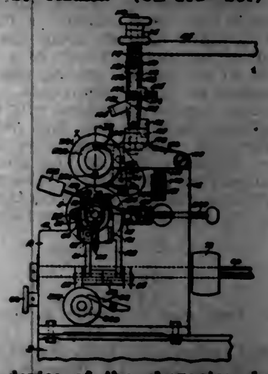
1. A dry fly holder comprising in combination a tweezer element having outwardly flexed clamping jaws of resilient flexible material, the free ends of the jaws being normally separated, an eye-piece attached to one jaw and extending across the space between the jaws, the eye-piece having an opening, there being a narrow slot through the material that surrounds the opening, a compressor element enclosing the jaws and movable therealong for effecting a movement of the free ends towards and away from each other, and means for limiting the movement of the compressor member in both directions.

2,107,646
BURNER
Thomas E. Potts, Los Angeles, Calif.
Application March 31, 1936, Serial No. 71,853
2 Claims. (Cl. 158—91)



1. In a burner, a main pan having connections for discharging liquid and gas fuels into the pan, an air control member shiftably mounted in the pan and embodying a top portion designed to close off the top of the front portion of the pan and a baffle portion extending downwardly between said connections and rearmost portion of the pan leaving a space above the bottom of the pan so that fuel and air can pass below the baffle into said rearmost portion, the pan having a bottom portion with rearwardly spreading shoulders so that various amounts of air can pass under the baffle when shifted towards the rearmost portion.

2,107,647
PRINTING PRESS
Leroy Q. Presby, Melrose, Mass., assignor to American Stay Company, East Boston, Mass., a corporation of Massachusetts
Application October 31, 1935, Serial No. 47,597
16 Claims. (Cl. 101—247)



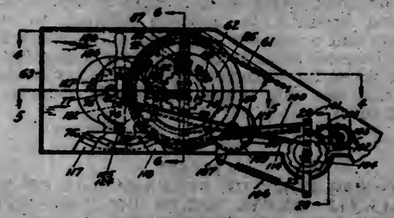
1. In a device of the character described, a print roll, a presser roll, a movable mounting for the latter for moving the presser roll into and out of cooperation with the print roll, and a work guide carried by said mounting.

2,107,648
AUTOMOBILE LAMP
Benjamin Futterman, Brooklyn, N. Y., assignor to Yankee Metal Products Corp., Norwalk, Conn., a corporation of New York
Application December 9, 1935, Serial No. 53,501
3 Claims. (Cl. 240—8.3)



1. A lamp, comprising in combination a casing; an inwardly projecting flange on said casing defining a light opening; a lens; a metal ring having a forwardly projecting channelled flange for holding said lens and having a rearwardly projecting thimble insertable in said light opening; and projections on said thimble spaced circumferentially thereof, cooperable directly with said casing flange to draw the channelled flange against the latter to thereby lock the casing flange between the channelled flange and the projections.

2,107,649
CHECKROW PLANTER
Lynn E. Rose, Aledo, Ill., assignor of two-fifths to Gladys Felton, one-fifth to Ralph Thede, and one-fifth to D. E. Farr, all of Aledo, Ill.
Application June 4, 1936, Serial No. 83,457
3 Claims. (Cl. 111—17)

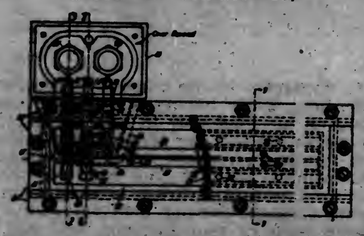


6. In an automatic checkrow planter, seed-dropping mechanism, including, as an element thereof, a ratchet-operated shaft, ground-actuated means for actuating the shaft intermittently to cause dropping of the seeds, and timing mechanism for advancing or retarding the functioning of the seed-dropping mechanism, said timing mechanism being both gravity actuable and manually actuable to modify operation of the dropping mechanism, the manual actuation being utilized to vary the effect of the gravity actuation.

2,107,650
PREPARATION OF PENTACHLOROPHENOL
Frank B. Smith and John E. Livak, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application April 26, 1937, Serial No. 138,339
2 Claims. (Cl. 260—154)

1. In a method for the preparation of pentachlorophenol, the step which consists in heating 1 molecular proportion of hexachlorobenzene with from 2.25 to 2.75 molecular proportions of sodium hydroxide as a 5 to 15 per cent by weight solution in methyl alcohol at a temperature between 130° and 140° C. under the vapor pressure of the reaction mixture at the temperature employed.

2,107,651
ELECTRIC SWITCH
Sidney Reynell Smith, Liverpool, England, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England
Application January 25, 1935, Serial No. 2,271
In Great Britain February 15, 1934
2 Claims. (Cl. 200—86)



1. In a vehicle operated switch, the combination of a relatively long and narrow receptacle adapted to be imbedded substantially horizontally in the roadway for operation by vehicles

passing thereover, a stationary contact bar extending longitudinally in said receptacle, a resilient insulating cover mounted in said receptacle, said cover having projecting portions extending downward and longitudinally thereunder and formed with slotted recesses extending longitudinally and horizontally in said projecting portions with the open edges of said recesses spaced laterally in opposed relation to each other, and a contact strip slideably mounted in said recesses so as to be resiliently supported by said cover for engagement with said stationary contact bar only under pressure by vehicles on said cover.

2,107,652

PROCESS FOR THE PREPARATION OF THE ALKALI METAL SALTS OF 2-BENZOYLBENZOIC ACID COMPOUNDS

Otto Stallmann, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application August 24, 1936, Serial No. 97,646

3 Claims. (Cl. 260—64)

1. In the process for preparing the dialkali metal salts of 2-benzoylbenzoic acids, which contain in the 4'-position a salt forming group of the class consisting of —SO_3H, —OH and —SH, by treatment of a 4'-halogen-2-benzoylbenzoic acid with an alkali metal compound of the class consisting of alkali metal sulfites, alkali metal hydroxides, and alkali metal sulfides, the step which comprises separating the resulting product by concentrating the reaction solution to a point where the major part of the inorganic salts of the alkali metals formed during the reaction are precipitated, and separating the inorganic salts from the solution of the dialkali metal salt of the 4'-substituted 2-benzoylbenzoic acid.

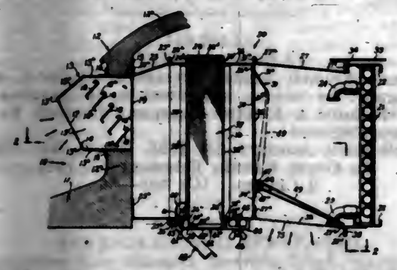
2,107,653

AIR FILTER FOR RAILROAD CARS

John D. Strobell, New Haven, Conn., assignor to The Safety Car Heating & Lighting Company, a corporation of New Jersey

Application September 12, 1935, Serial No. 40,217

10 Claims. (Cl. 183—41)



1. In apparatus of the character described, in combination, a car having a clerestory, means forming an air inlet port in said clerestory, an enclosure within said car opening into said port, means forming an outlet from said enclosure, means forming an inlet port from the interior of said car into said enclosure adjacent said outlet, and a single damper disposed within said enclosure adjacent said inlet port and said last-mentioned outlet and adapted to regulate the mixture of air which has entered from said port and said opening before it exits from said enclosure.

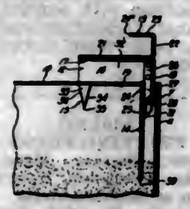
2,107,654

CONTAINER OPENING DEVICE AND POURING DEVICE

Edwin H. Vail, Los Angeles, Calif.

Application March 3, 1936, Serial No. 66,848

15 Claims. (Cl. 221—96)



4. A container opening device comprising, a body having a discharge channel, a cutter projecting substantially laterally from the body operable to cut an opening in a wall of a container, side flanges on the cutter, cutting edges on the flanges operable to make lateral cuts at the ends of said opening, means associated with the cutter operable to bend back the flap thus defined, and a part on the body extending between the flanges closing the adjacent end of the channel, the flanges and said part defining a passage for conducting a limited quantity of the container's contents from the interior of the container to the channel.

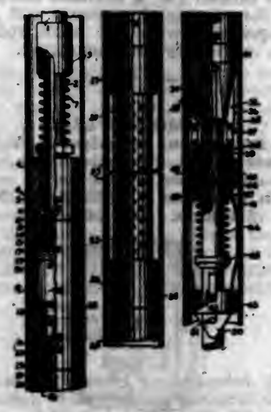
2,107,655

TESTER

Carl W. Vogt and Granville A. Humason, Houston, Tex.

Application February 17, 1936, Serial No. 64,196

7 Claims. (Cl. 166—1)



1. A well tester including a tubular stem, a chamber at the lower end thereof, means to seal the entrance of fluid to said chamber releasable on the relative downward movement of said stem to open said chamber, a tubular mandrel below said stem and connected therewith, a plurality of spaced packers on said mandrel, a perforated nipple between said packers, means adjustable to support said packers and nipple at any desired level, and means actuated by the downward pressure of said stem when said supporting means is operated to set said packers.

2,107,656

DYESTUFFS OF THE DIBENZANTHRONE SERIES

Alexander J. Wuerin, Carrollville, and Ralph N. Lulek, Waukesha, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application October 19, 1936, Serial No. 106,066

2 Claims. (Cl. 260—61)

2. In the process for preparing new gray to black vat dyestuffs of the dibenzanthrone series, the step which comprises heating a primary aminodibenzanthrone which contains no additional substituents with perchloromethylmercaptan in an inert organic solvent, at temperatures above about 120° C.

2,107,657

PROCESS FOR OBTAINING CREPE EFFECTS ON FABRICS

Hans Altwegg and Armin Eichler, Freiburg, Germany, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application April 6, 1931, Serial No. 528,249. In Germany April 11, 1930

6 Claims. (Cl. 28—1)

1. A process for producing crepe effects on fabrics which comprises fabricating highly twisted cellulose acetate yarns containing a calcium salt which is very soluble in water into a fabric, and treating the fabric with an aqueous medium.

2,107,658

PYROPHORIC LIGHTING MECHANISM

Louis V. Arenson, Newark, N. J., assignor to Art Metal Works, Inc., a corporation of New Jersey

Application November 14, 1936, Serial No. 110,787

11 Claims. (Cl. 67—7.1)



9. In pyrophoric lighting means, a casing having an open bottom, a fuel chamber and an operating assembly disposed in said casing in side-by-side relation, said operating assembly comprising an actuating lever disposed along one vertical side of said casing, said chamber and said assembly being so shaped and of dimensions such as to jointly close said open bottom and such that they may be slidably withdrawn through said open bottom of said casing.

2,107,659

SOUNDBOARD FOR PIANOS

Paul H. Dillnber, Douglaston, N. Y., assignor to Steinway & Sons, New York, N. Y., a corporation of New York

Application November 24, 1936, Serial No. 112,558

6 Claims. (Cl. 84—193)

1. A soundboard for pianos, comprising a main soundboard having a curved end, said soundboard being supported upon the piano case and having its curved end free thereof, an augmenting soundboard having a curved end, said last-named soundboard supported upon the piano case and having its curved end free thereof, and a floating rim between the curved ends of said soundboards, the rim being in contact with both



soundboards, the two overhanging soundboards and floating rim therebetween, forming a freely suspended and vibrating member, the augmenting soundboard acting as a continuation of the main soundboard, said soundboards being of concave convexo shape with the edge portions tapering, and having said tapered edge portions in contact with the rim.

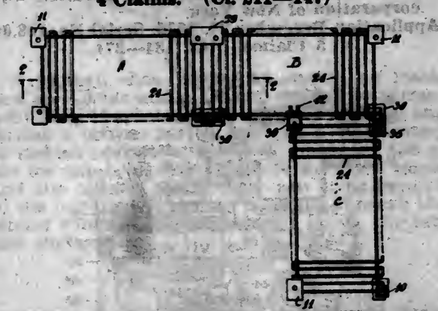
2,107,660

ADJUSTABLE SHELVING

Joseph Cichocki, Woodhaven, N. Y.

Application December 11, 1936, Serial No. 115,364

4 Claims. (Cl. 211—147)



1. An adjustable shelving for the support of trays comprising units adapted to be placed end to end, each unit composed of substantially L-shaped corner posts and intermediate posts, perforated end brackets having channels for the reception of the ends of one branch of the L-shaped posts, screws for securing said brackets to said posts, said end brackets adapted to be secured to the upper and lower walls of receptacles in which said shelving is placed by fastening means passed through the perforations in said end brackets, and intermediary brackets for said corner posts adjustably held to the same in any of their adjusted positions and locked to said posts, and adjustable brackets for said intermediate posts adapted to be adjustably secured thereto and locked in their adjusted position, said intermediate post brackets adapted to support the trays of two adjoining units of the shelving.

2,107,661

SOLID PLAITED MATERIAL

Arthur Cressley, Bolton, England

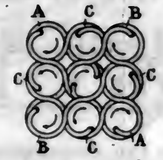
Application November 18, 1936, Serial No. 111,466

In Great Britain May 9, 1936

5 Claims. (Cl. 96—25)

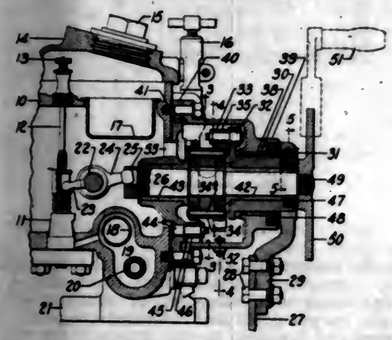
1. A solid plaited material comprising two independent tracks of bracing strands which run diagonally across the material from corner to corner and cross the path of each other at the

centre substantially at right angles to one another and at least one track of binding strands symmetrically arranged with respect to the bracing strands and appearing on the surface of the material at four points intermediate the corners, alternate points being situated at the opposite



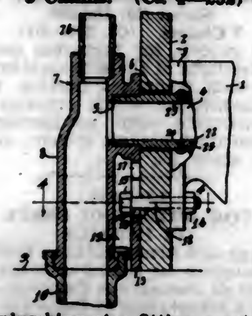
ends of a line passing through the centre of the material, each strand, after crossing another strand on the exterior surface, immediately returning to the interior of the material, and the bracing and binding strands being braided together interiorly of the material.

2,107,662
RATCHET MECHANISM
Bengt E. Folke, Mamaroneck, and Walter E. Wellheim, New York, N. Y., assignors to Nathan Manufacturing Company, New York, N. Y., a corporation of New York
Application December 29, 1936, Serial No. 118,063
5 Claims. (Cl. 184—27)



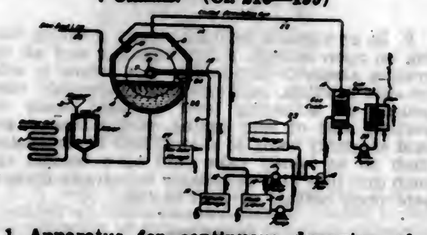
4. In combination with a force feed lubricator having a main oil reservoir, pumping units and a transverse shaft forming an actuating member therefor within the reservoir, the said shaft having a laterally sliding and vertically rocking motion, a ratchet mechanism comprising a cup-shaped housing, a shaft, driving pawls and a support therefor, counter-driving pawls and a support plate therefor, gears mounted around the shaft for engaging the said pawls and disposed between the said driving pawl support and counterpawl support plate, the said shaft being journalled in the said pawl support plate, the said plate having an aperture above the said shaft for admission of oil from the main reservoir of the lubricator to the said housing, means outside of the housing to operate the said shaft, and means within the lubricator and at the end of the said shaft to operate directly the actuating member of the said pumping units, the entire ratchet mechanism together with the said operating means outside of the housing and the said means within the lubricator to operate directly the actuating member being adapted to be withdrawn from one side of the lubricator as an assembled unit.

2,107,663
PIPE FITTING FOR WALL SUPPORTED WATER CLOSETS
Robert P. Franck, Huntington Park, Calif., assignor to Bennett Fittings, Vernon, Calif., a corporation of California
Application January 12, 1937, Serial No. 120,220
3 Claims. (Cl. 4—252)



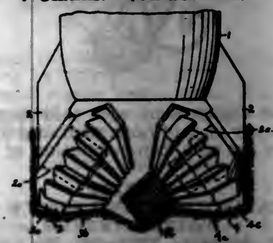
1. In a plumbing pipe fitting construction, the combination of a supporting wall, a toilet bowl on one side of the wall, an elbow having a thimble extending through the wall to connect to the bowl outlet, said elbow having a down leg for connecting the thimble to a waste pipe, said elbow having a face plate integral with the said down leg, said face plate having substantially vertical slots including a lower slot opposite the down leg, bolts passing through the wall and said slots for securing the bowl to the elbow, the lower bolt that passes through the lower slot having an angular head between the plate and the said down leg, said down leg and said face plate having a pair of webs extending along each side of the lower slot integrally connecting the down leg and the said face plate, said webs lying adjacent the head of the lower bolt and locking the same against rotation on its axis.

2,107,664
SEPARATION OF WAX FROM MINERAL OIL BY FILTRATION
William Provine Gee, Plainfield, N. J., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Original application March 31, 1934, Serial No. 718,347. Divided and this application February 12, 1935, Serial No. 6,151. Renewed July 16, 1937
7 Claims. (Cl. 210—199)



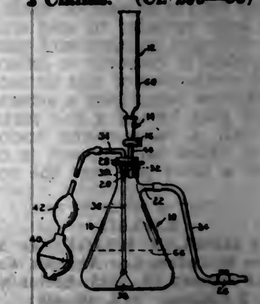
1. Apparatus for continuous dewaxing of a chilled wax-bearing mineral oil, comprising in combination, a continuous filter including a filter casing supporting a rotatable continuous filter element, a hood enclosing the filter casing, means for supplying a chilled gas to the interior of the filter casing to form a chilled gaseous atmosphere surrounding exposed portions of the filter element, means for continuously removing retained liquid from the wax cake on the filtering element by continuously passing a portion of the chilled gas through the cake and filtering element, means for separating gas from filtrate liquid, means for chilling separated gas, and means for returning the chilled gas to the supplying means for return to the filter casing.

2,107,665
DRILL BIT
George G. Harrington, Houston, Tex., assignor to Reed Roller Bit Company, Houston, Tex., a corporation of Texas
Application June 11, 1935, Serial No. 26,060
7 Claims. (Cl. 255—71)



1. A roller bit having a head and a pair of roller cutters mounted on said head, rotatable on axes inclined downwardly and inwardly toward the longitudinal axis of said head and arranged to traverse substantially the entire area of the bottom of the hole, each of said cutters extending beyond the periphery of the head; one of said cutters being substantially frusto-conical and having an inner and an outer portion, the teeth on the outer portion being at a lesser angle to the axis of rotation of said cutter than the teeth on the inner portion; and the other of said cutters having a point portion and a base, said base having inner and outer portions, said point portion being frustoconical and having cutting teeth extending upwardly and outwardly from a point substantially at the longitudinal axis of the head, the teeth of said inner base portion extending at a greater angle to the axis of rotation of said cutter than the teeth of said point portion, and the teeth of said outer base portion extending at a lesser angle to the axis of rotation of said cutter than the teeth of said inner base portion; those portions of said teeth which cut at the longitudinal axis of the head being substantially spaced from the axis of said other cutter.

2,107,666
FOAM APPARATUS
Helen Hechman, New York, N. Y.
Application August 23, 1935, Serial No. 37,592
2 Claims. (Cl. 299—93)



1. Apparatus of the class described comprising a flask having an opening at its top, a stopper having two bores therethrough inserted in said flask, a gas inlet tube extending into said flask through one of said bores to a point near the bottom of the flask, an outlet tube extending into said flask through the other bore in said stopper, a foam receiver connected to said last mentioned tube, said flask having an outlet opening below said stopper, and valve means to control the flow of foam alternatively through either said outlet tube or said opening below the stopper.

2,107,667
FOOTBALL SHOE
John H. Hermsen, Brooklyn, N. Y., assignor to A. G. Spalding & Bros., New York, N. Y., a corporation of New Jersey
Application June 29, 1937, Serial No. 150,948
1 Claim. (Cl. 36—2.5)



A football shoe having an upper, an insole and an outsole and a toe cap molded in permanent form of substantially inflexible material and having a bottom part or tab and a ball contact or kicking portion with lateral wings, the tab of the toe cap being introduced between the insole and the outsole, and the toe cap being secured to the body of the shoe by stitching through the lateral wings of the toe cap, the insole, the tab, and the outsole.

2,107,668
METHOD OF PRODUCING ARTIFICIAL SILK
William L. Hyden, Kenmore, and John S. Fonda, Buffalo, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application July 22, 1930, Serial No. 469,912
25 Claims. (Cl. 18—54)

1. A method of producing solid artificial thread having a luster equal to or lower than natural silk which comprises introducing a vaporizable high boiling hydrocarbon in a viscose solution, spinning said solution and finishing the thread in the usual manner whereby the hydrocarbon is substantially eliminated.

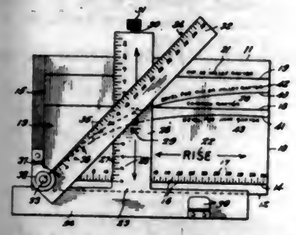
2,107,669
SHELF EDGING
Edward Karfiol, New York, N. Y.
Application March 17, 1936, Serial No. 69,294
6 Claims. (Cl. 41—10)



5. A shelf edging comprising a plurality of plies, one rear ply of which is folded over the upper edge of a forward ply and secured in abutting relation to the forward face of the latter

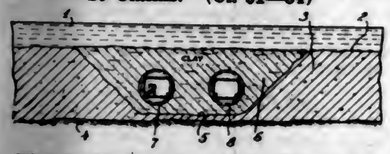
and one forward ply being folded over the lower edge of a rear ply and secured in abutting relation to the rear face of the latter, said forward ply being extended rearwardly of the rear ply to overlie the top and a shelf and form a shelf covering portion.

2,107,670
DEVICE FOR GAUGING THE CUTTING OF RAFTERS
Erik O. Karlson, Elmont, N. Y.
Application February 18, 1937, Serial No. 126,348
3 Claims. (Cl. 33—97)



1. In a device for computing rafter cuts, a base having a plane upper surface, a slide member overlying and extending across the upper surface of the base, means mounting the slide member for guided sliding movement lengthwise of the base, an arm pivoted adjacent one corner of the base, means for locking the slide member and arm respectively in adjusted relation to each other, and curved lines on the surface of the base extending from the pivotal point of the arm for obtaining readings to determine the angle of the bevel cuts for the hip or valley and jack rafters.

2,107,671
METHOD OF CONSTRUCTING TUNNELS
Miles I. Killmer, New York, N. Y., assignor to Mason & Hanger Company, Inc., New York, N. Y., a corporation of West Virginia
Application July 31, 1937, Serial No. 156,648
10 Claims. (Cl. 61—84)



1. The method of tunneling through porous material beneath a body of water which comprises excavating a trench in the porous material, filling the trench with yielding and impermeable material, and advancing the tunnel through said yielding material.

2,107,672
MAGNETIC HOOKING GAME
Harold M. Lang, New York, N. Y.
Application June 13, 1936, Serial No. 85,004
2 Claims. (Cl. 272—140)

2. In a game of the character described, a body in the form of a figure; a bar magnet secured within said body; means for supporting said body mounted for universal rocking movement in stable equilibrium comprising a base detachable from said body; a loop attached to the end of said magnet and protruding from said body; and a magnetic hook having the curved end portion of the same polarity as the end of said magnet attached to said loop, manually controlled for engagement with said loop, whereby the proximity of said hook with said loop acts to unbalance the equilibrium position of said body.



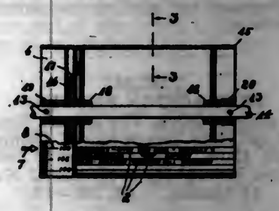
2,107,673
TEMPERATURE LIMITING DEVICE FOR HOT WATER SYSTEMS
Luther D. Lovekin, Villanova, Pa., assignor to Kitson Company, Philadelphia, Pa., a corporation of West Virginia
Application December 19, 1933, Serial No. 703,037
1 Claim. (Cl. 137—139)



In a self-resetting, temperature-limiting device for hot water systems, the combination of, a normally seated water relief valve, two straight temperature-responsive metal elements arranged one within the other and of which the inner one is tubular for the passage of water, a motion magnifying lever operated by said straight elements and arranged to open said valve and to permit it to close in response to differential expansion and contraction of said elements, a support for said lever comprising a generally cylindrical forked plug having a flat portion in its cylindrical wall, a valve casing enclosing said valve and to which said support is detachably secured, and a pivot pin near the root of the fork.

2,107,674
CHANGING DISPLAY WEIGHING MACHINE
George Marsden, Los Angeles, Calif.
Application February 12, 1937, Serial No. 125,387
2 Claims. (Cl. 40—28)

1. In a weighing machine having a drum dial with weight-indicating graduations, a display device of a drum form cooperatively disposed to and having its periphery aligning with the dial drum, display matter on the display drum arranged to appear as linear continuations of the dial graduations, and a slip contact means between the dial drum and the display drum for actuating the display drum by movements of the dial drum to bring different matter into aligned display position with respect to any of the weight-indicating figures of the dial-drum.

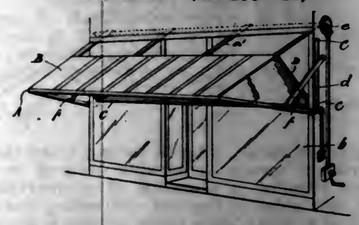


2,107,675
CHECKERWORK
Eugene A. McKelvy, Ardmore, Pa.
Application July 31, 1937, Serial No. 156,643
5 Claims. (Cl. 263—51)



1. A checkerwork brick structure for regenerative chambers comprising a plurality of refractory brick of the form of an oblong hexahedron having end surfaces of equal area inclined towards each other in one direction and having side faces of equal area inclined toward each other in the opposite direction and having the other two faces parallel and of unequal areas, said brick built up in bonded construction and providing in the structure vertical flues of progressively increasing and diminishing cross section.

2,107,676
AWNING
Friedrich Neumann, Berlin, Germany
Application August 24, 1935, Serial No. 37,631
In Germany August 31, 1934
4 Claims. (Cl. 156—44)



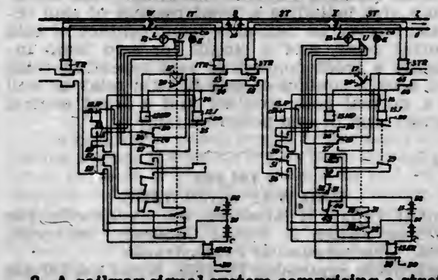
1. An awning, particularly for store windows, comprising a part pervious to light and two parts substantially impervious to light, said two impervious parts being arranged to form substantially a saddle roof, and the pervious part being attached to the impervious parts near their common top edge, and one of said impervious parts extending in a rearward and downward direction from said common edge.

2,107,677
FLEXIBLE DECORATIVE STRIP
John R. Sexton, Meriden, Conn.
Application May 5, 1937, Serial No. 140,965
5 Claims. (Cl. 41—10)



3. A decorative strip which comprises a continuous flexible metallic coil of small diameter having a polished light reflecting surface, said coil being formed of a flat strip with its turns angularly bent to produce a multiplicity of irregularly related substantially rectangular light reflecting surfaces.

2,107,678
RAILWAY SIGNALING
Howard A. Thompson, Edgewood, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application September 18, 1936, Serial No. 101,467
9 Claims. (Cl. 246—50)

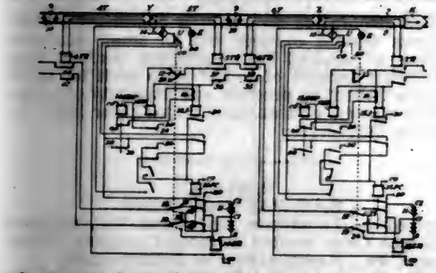


8. A railway signal system comprising a stretch of railway track divided into a plurality of successive track sections, a pair of conductors for each section governed by traffic conditions in the associated section, control means for each section receiving energy from the associated pair of conductors and selectively responsive to the direction and value of the current received therefrom, means for each section governed in accordance with the condition of the associated control means for supplying the conductors for the section next in rear with energy of a particular direction and value or with energy of the same value but in the opposite direction or with energy of a different value, and traffic governing means for each section also controlled by the associated control means.

2,107,679
RAILWAY SIGNALING
Ralph R. Kemmerer, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application September 18, 1936, Serial No. 101,468
16 Claims. (Cl. 246—50)

1. In combination, a section of railway track, a pair of conductors for the section governed by traffic conditions in said section, means for supplying said pair of conductors with energy of a particular value in the reverse direction or with energy of such particular value in the normal direction or with energy of a higher value in accordance with traffic conditions in advance of said section, a polarized relay responsive to energy of either value receiving current from said conductors, a neutral relay responsive only to energy of said higher value also receiving energy from said conductors, a repeating relay which

is energized or deenergized according as said polarized relay is energized or deenergized, a signal for said section comprising a first indication unit and a second indication unit, said first indication unit being a semaphore arm capable of assuming a stop and a caution as well as a proceed position and said second indication unit being a lamp, a caution circuit for said sema-



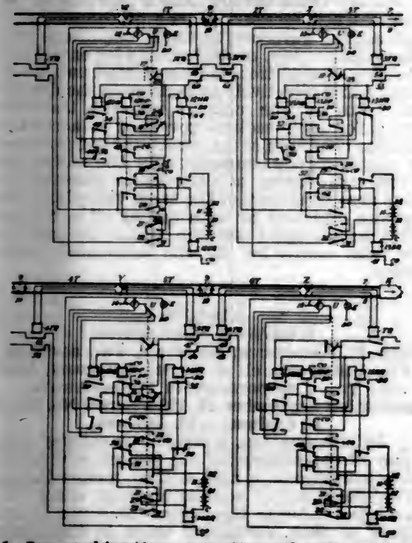
phore arm including a front contact of said repeating relay, a proceed circuit for said semaphore arm including a front contact of said repeating relay as well as a front contact of said neutral relay, and a circuit for said lamp including a front contact of said repeating relay and a back contact of said neutral relay as well as a normal polar contact and a front neutral contact unit of said polarized relay.

2,107,680

RAILWAY SIGNALING

Paul H. Crago, Wilkinsburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania

Application September 18, 1936, Serial No. 101,469
12 Claims. (Cl. 246—46)



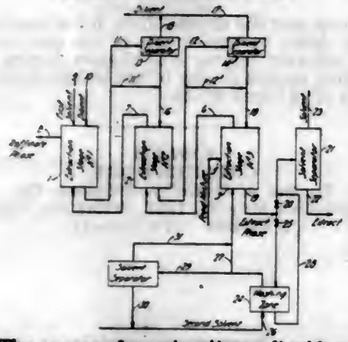
1. In combination, a section of railway track, a pair of conductors for said section, means for supplying said conductors with energy of a particular magnitude or with energy of a higher magnitude in one direction or with energy of said higher magnitude in the other direction in accordance with traffic conditions in advance of said section, a neutral relay responsive to energy of said particular magnitude receiving current from said conductors, a polarized relay responsive only to energy of said greater magnitude also receiving current from said conductors, and traffic governing means for said section controlled by said two relays.

2,107,681

EXTRACTION PROCESS

Willem J. D. van Dijck, The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

Application March 18, 1935, Serial No. 11,647
11 Claims. (Cl. 196—13)



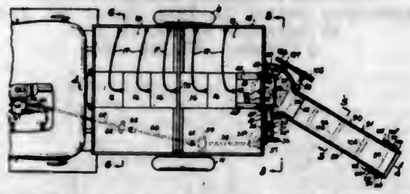
1. The process for extracting a liquid mixture to remove a component therefrom, which comprises extracting said mixture in an extraction zone by flowing it countercurrently to and in contact with concurrent streams of a selective solvent and a diluent having a greater solvent power than and preferentially dissolved in the solvent under conditions producing raffinate and extract phases, and withdrawing diluent from the extraction mixture at at least one intermediate point of the extraction zone.

2,107,682

UNLOADING TRUCK

Reuben E. Wall, Winston-Salem, N. C.

Application July 21, 1937, Serial No. 154,840
2 Claims. (Cl. 214—83)



1. In combination, a truck having a bed thereon, partition means removably secured in the bed and forming a plurality of compartments therein, the sides of the bed converging towards each other at their lower edges, a trough disposed below said bed and extending the entire length of the bed, a plurality of removable bottom members disposed above said trough, an endless conveyor disposed in said trough, means extending from each of said bottom members to the upper part of the bed for removing the bottom members while material is resting thereon and so that the material may fall onto said conveyor, a second endless conveyor pivotally secured to the rear

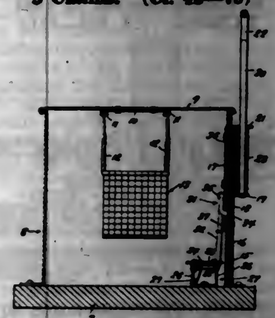
end of the truck and below the delivery end of the first conveyor to receive the contents of the compartments discharged by the first conveyor, said second conveyor being mounted for lateral and vertical swinging movement to thereby deliver the material to the desired point relative to the rear end of the truck, and a driving connection between the motor of the truck and said conveyors.

2,107,683

ANIMAL TRAP

Wilbur Darrel Williams, Washington C. H., Ohio

Application June 19, 1935, Serial No. 27,444
Renewed July 12, 1937
5 Claims. (Cl. 43—78)



1. A rat trap of the class described comprising a casing provided on its interior with a bait holder, said casing having a doorway formed in at least one of its side walls to facilitate partial entry of the animal into the casing, a pair of vertical channeled guides on the exterior of said wall, a panel-like door slidable in said guides, a bracket attached to the outside of said door, a guide fixed to the outside of said wall, a rod slidable in said guide and attached at its lower end to said bracket, a coiled spring surrounding said rod between the bracket and guide, the upper end of said rod being provided with a finger ring, an animal actuated trip device on the interior of the casing adjacent said doorway, and an operating connection between said trip device and door, said operating connection comprising a substantially L-shaped pivotally mounted spring actuated latch having one end engageable with the trip means and the other end engageable with the door when the door is in elevated position.

2,107,684

MONOGRAM CONSTRUCTION

Ralph C. Bangs, Providence, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y., a corporation of New York

Application August 12, 1936, Serial No. 95,595
12 Claims. (Cl. 40—140)



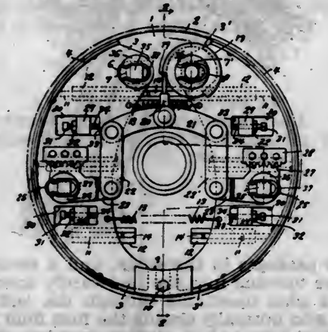
1. In combination, an ornament base having a panel, the ends of said panel being rearwardly inclined in front, and an ornament member having spring edges, said edges having depending rear portions which extend towards each other and are spaced from the body thereof and are spaced from each other a distance less than the width of the panel, said depending rear portions being snapped over the ends of the panel.

2,107,685

BRAKE

Arthur H. Bennett, Logansport, Ind.

Application October 29, 1936, Serial No. 108,295
2 Claims. (Cl. 188—78)



1. A brake shoe comprising a drum, brake shoes having facings riveted on the surfaces thereof and being movable to place the facings in and out of braking contact with the said drum, means for guiding and constraining the movement of the brake shoes along rectilinear lines, and adjustable means limiting the movement of the said brake shoes to prevent engagement of the brake shoes or the brake shoe facing rivets with the drum in the event the brake shoe facings have worn away, and means for moving said brake shoes including a cable drum mounted within the brake drum, an equalizing arm arranged within the brake drum, a cable fixed at one end to the cable drum and at the other end to the intermediate portion of said equalizing arm, motion transmitting means operatively connecting the equalizing arm with the brake shoes, means for turning said cable drum, and resilient means connecting the brake shoes.

2,107,686

SPRAY GUN FOR SPRAYING FABRICS

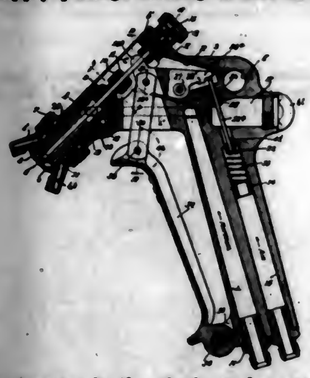
Svend Bramsen and Fritz Wahlin, Chicago, Ill., assignors to Binks Manufacturing Company, Chicago, Ill., a corporation of Delaware

Application September 27, 1935, Serial No. 42,412
17 Claims. (Cl. 299—88)

1. In a pneumatic spraying appliance having a slidable needle valve controlling the discharge of material from the appliance and a slidable air valve spaced rearwardly from the said needle valve and controlling the admission of air, and also having separate springs normally closing both of the said valves, valve opening means including a member extending between the two valves and disposed for opening both valves when the said member is moved in one direction, and digitally actuable means for moving the said member in the said direction; the digitally actuable means including two interpivoted links extending in toggle formation at an obtuse angle to each other and disposed so that the said angle increases during the actuation of the said digitally actuable means.

10. In a spray gun, a body comprising a stock and a handle depending from the rear end of the

stock; the stock having both a forwardly opening and a rearwardly opening recess and having two longitudinal fluid passages in the part of the stock below the forwardly opening recess, both of the said passages leading forwardly from the rearwardly opening recess; the handle having a first fluid supply passage leading to one of the fluid



supply passages in the stock, and a second fluid passage opening into the rearwardly opening recess; a plug insertable through the last named recess and normally closing the first fluid passage in the stock; and a closure member normally closing the mouth of the said rearwardly open recess.

2,107,687
DOOR LATCH
William Edward Brown, Oakland, Calif.
Application May 4, 1937, Serial No. 140,763
2 Claims. (Cl. 292—78)



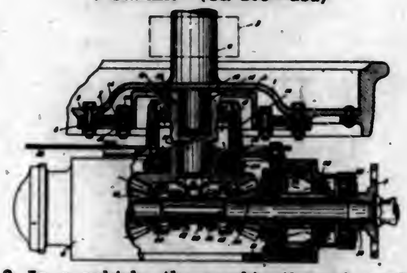
1. A latch for latching hinged closures, comprising a frame having an opening, a latch member pivotally mounted within the frame and extended through the opening, a substantially U-shaped link pivotally connected to the latch member near one end thereof and having right-angled ends fitted in openings formed in the side walls of the frame near the opposite end of the latch member, a spring member mounted within the frame and bearing against the latch member at a point between the pivot points of the link, whereby the latch member will move inwardly when the closure is moved to either its open or closed position.

2,107,688
TUNNEL MUCKING APPARATUS
Cecil M. Browner, Beaumont, Calif.
Application August 8, 1936, Serial No. 95,022
8 Claims. (Cl. 214—90)



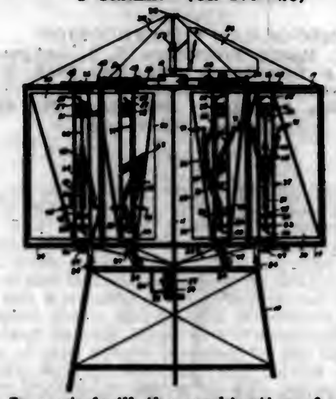
1. Tunnel mucking apparatus comprising a chassis including framework, vertical pivot means on said framework, a boom support pivoted by said pivot means, a semi-circular track on the front of said chassis below said support, a forwardly extending foot on said support having rollers running on said track and supporting the front of said support, a main boom pivoted on said suupport, and a digging boom on said support.

2,107,689
POWER TRANSMITTING MECHANISM FOR VEHICLES AND ESPECIALLY RAILROAD VEHICLES
Ettore Bugatti, Molsheim, France
Application October 9, 1935, Serial No. 44,284
In France October 22, 1934
7 Claims. (Cl. 105—131)



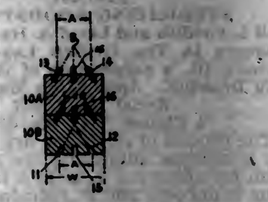
2. In a vehicle, the combination of a wheel axle; at least one bearing on said axle for transmitting thereto the load of the vehicle; a wheel on said axle, disposed outside said bearing with reference to the vehicle; a power transmitting device disposed outside said wheel with reference to the vehicle, having a power input member and a rotary power output member; elastic means for coupling said rotary power output member with said wheel in substantially coaxial relation therewith, said elastic means being secured positively and detachably both to the rotary power output member and to the wheel, and providing the sole direct connection between the wheel and the rotary power output member; and means for driving said power input member.

2,107,690
WINDMILL
Claude J. Clark, Young, Ariz.
Application January 7, 1937, Serial No. 119,490
4 Claims. (Cl. 170—25)



1. In a windmill, the combination of a tower, a vertical rotatable shaft extending through the tower and above the upper end of the tower, a revoluble structure supported by the tower and connected with said shaft to rotate with the shaft, a plurality of pairs of vanes mounted in the revoluble structure, each pair of vanes including a short shaft mounted in the top of the revoluble structure, a pair of side plates connected together at their upper and lower ends, a bearing between the connected upper ends of said side plates and through which said short shaft extends, the vanes of said pair being hinged at their inner edges to said side plates, clutch means associated with the short shaft and said side plates for placing said side plates in driven engagement with the short shaft for transmitting drive from said short shaft to said vanes, a wind vane mounted on said vertical shaft to rotate about the latter as an axis, driving mechanism connecting the wind vane with the short shafts of the aforementioned respective vane assemblies for driving the latter from the wind vane, and mechanism connected with said vertical shaft and the clutch mechanisms of the respective vane assemblies for engaging and releasing said clutches in response to the speed of rotation of said vertical shaft.

2,107,691
BLOCK KEYING SYSTEM
Lawrence E. Corser, Cortland, N. Y., assignor, by mesne assignments, to Cemalan, Incorporated Homer, N. Y., a corporation of New York
Application March 24, 1936, Serial No. 70,566
12 Claims. (Cl. 46—26)



1. A building block system comprising a plurality of similar separable units assembled in superimposed courses to build up an erected wall, certain adjoining blocks lying in different next adjacent courses having each of their respective parting faces provided with mated kerfs that lie within the adjacent width edges of such face and respectively include separate mouths laterally spaced apart to leave an interposed medial face region therebetween, said kerfs both being cross-sectionally inclined relative to one another with the corresponding kerf mouths of the respective faces extending lengthwise in superimposed alignment to complete two strip receiving grooves of which the respective component kerfs are cross-sectionally arranged in planiform registry, and a pair of identical flat sided keeper strips that are interchangeably insertable into either of said grooves to positively interlock the aforesaid parting surfaces against separation.

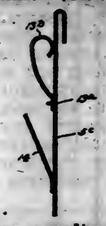
2,107,692
DEVICE FOR CLOSING A BAG
Martin de Betelhe, New York, N. Y.
Application August 5, 1937, Serial No. 157,485
4 Claims. (Cl. 150—3)

1. A bag provided with an opening and having a closing device which comprises a pair of cords, an end of one cord being connected to the bag near an extremity of the opening and an end of the other cord being connected to the bag near the opposite extremity of said opening, a ring



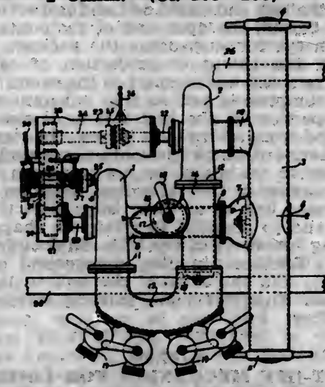
threaded on said cords, and means for retaining the ring in association with the bag.

2,107,693
ADVERTISING NOVELTY
Evans W. Finch, Riverside, Calif.
Application November 7, 1936, Serial No. 109,774
2 Claims. (Cl. 248—305)



2. An advertising novelty of the character described comprising a plate having one end provided with suspension means, a spring clip secured at one end to the plate at the front side thereof and adjacent the upper end portion, and a suspension prong secured at one end to the front side of the plate below said clip and extending upwardly and outwardly from said plate at an acute angle with respect to the plate.

2,107,694
PARALLEL SERIES CENTRIFUGAL PUMP
Charles H. Fox, Cincinnati, Ohio, assignor to The Ahrens-Fox Fire Engine Company, Cincinnati, Ohio, a corporation of Ohio
Application May 9, 1934, Serial No. 724,751
1 Claim. (Cl. 103—106)



In combination in a pumping mechanism, an inlet header, a plurality of diverging outlets, a plurality of pumping mechanisms connected thereto and in parallelism with said header, valve means for selectively arranging said pump-

ing mechanisms in parallel or in series, a common outlet header attached to the outlets of said pumping mechanisms, and a common power means for selectively driving from a single source of power one or both of said pumping mechanisms, said valve means comprising a manually operated valve and automatically closing valves, one interposed between one pump and the inlet header and the other pump and the outlet header, said pumps being arranged in such relationship with respect to one another so that the pump shafts are out of axial alignment with one another.

2,107,695
BELT PACKAGE

Randolph E. S. Geare, Philadelphia, Pa., assignor to L. H. Gilmer Co., Philadelphia, Pa., a corporation of New Jersey

Application January 16, 1936, Serial No. 59,460
1 Claim. (Cl. 206—46)



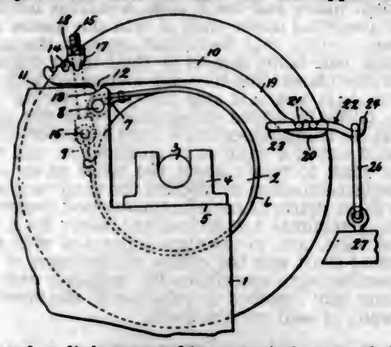
In a belt package, the combination with a friction drive belt embodying an elongated endless loop of elastic material the sides of which when the belt is compressed to dispose said sides in parallel relation for compact packing of the belt are placed under tension tending to spread them apart, of an enclosing wrapper for the belt comprising a narrow elongated flat container of comparatively rigid material and of a depth and width approximately equal to the compressed belt and of a length approximating but slightly less than that of the belt, said container being closed at one end and open at its opposite end so as to snugly embrace the compressed belt except at one of the belt ends, said belt end projecting outwardly beyond the open end of the container to form an eye for suspending the package from a support, the extent of projection of said belt end being small with respect to the overall length of the compressed belt so that substantially the entire portion of the belt will be enclosed and protected from soiling and injury, the rigidity of the material of which the container is made being sufficient to maintain its normal form and of such relation to the spreading tendency of the compressed belt as to resist bulging of the container and to adapt it to retain its shape while opposing spreading of the belt and thereby instituting a frictional binding engagement between the same and the sides of the belt to hold the container and belt from shifting relatively to each other.

2,107,696
LET-OFF MECHANISM FOR LOOMS

Arthur Grenier, Lawrence, Mass.

Application July 31, 1937, Serial No. 156,804
2 Claims. (Cl. 188—53)

1. The combination with a rotatable warp beam, of let-off mechanism for controlling rotation thereof comprising a brake band surrounding said beam for frictional engagement therewith and adapted for variable tensioning against said beam, and means for variably tensioning said band including a horizontally disposed fulcrumed lever having a free downwardly curved end provided with notches in the upper edge



thereof, a link removably mounted on said free end to form an extension thereof and provided with cross bars seating in said notches and a looped end straddling the free end of said lever and bearing against the under edge thereof, and a weight suspended from the other end of said link.

2,107,697
STERILIZING FOODSTUFFS

Carroll L. Griffith and Lloyd A. Hall, Chicago, Ill., assignors to The Griffith Laboratories, Inc., Chicago, Ill., a corporation of Illinois

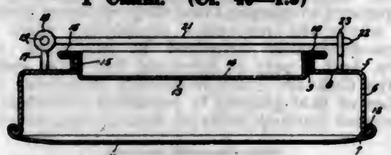
No Drawing. Application May 29, 1936, Serial No. 82,457
4 Claims. (Cl. 99—225)

3. The process of sterilizing dry food materials which comprises subjecting the material to a vacuum for about one hour at a non-destructive heat up to not over 240° F., reducing the temperature to about 150° F. and increasing the vacuum to a value near 28 inches, then admitting ethylene oxide into the evacuated space at least to a concentration of about 1 pound to 35 cubic feet of space, and exposing the material to the ethylene oxide for about 2½ hours.

2,107,698
BADGE

Sidney C. Greeschel and Aaron G. Dawson, Columbia, S. C.

Application October 23, 1935, Serial No. 46,376
1 Claim. (Cl. 40—1.5)

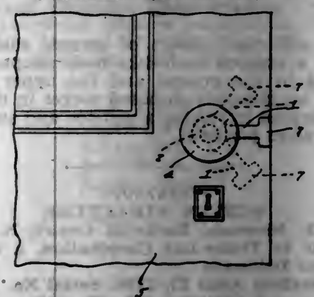


A badge of the character described, said badge comprising an annulus having on its rear edge a radially inwardly extending annular flange with its radially inward edge defining an access opening, a transparent disk, securing means fastening the peripheral edge of said disk to the front edge of said annulus, a circular pan-shaped closure for telescoping in said access opening, the rear edge of the annular wall of said closure having a laterally outwardly extending flange, a pin support extending axially from said annular flange at a point radially outwardly of said access opening, a fastening pin having one end pivoted to said support, and a pin detent extending axially from said annular flange at the opposite side of said access opening for detaining the free end of the pin in closed position, said pin being only sufficiently spaced from said laterally outwardly extending flange on said closure to accommodate the thickness of the cloth through which the pin is inserted in use and cause the cloth between the pin in closed position and last-mentioned flange to hold said closure in closed position.

2,107,699
DOOR BUMPER

Sidney C. Greeschel, Columbia, S. C., and Aaron G. Dawson, Otsen, N. C.

Application June 22, 1937, Serial No. 149,736
8 Claims. (Cl. 16—86)

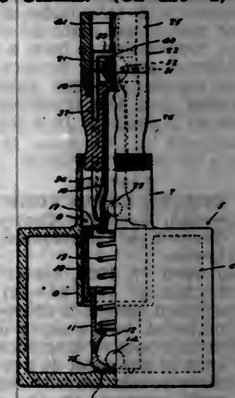


1. In combination with a door in a door frame, said door having a rotatable handle and the frame having a jamb against which the free edge of the door is normally engageable in coming to a closed position, a bumper member mounted on the door handle and movable therewith and having a resilient part for fitting between the door jamb and a part of the door for cushioning the closing of the door.

2,107,700
COMBINATION INK BOTTLE AND COMPANION FOUNTAIN PEN

Henry G. Haas, West Orange, N. J.

Application February 6, 1937, Serial No. 124,509
6 Claims. (Cl. 120—4)



1. In a structure of the class described, in combination, an ink bottle having a neck, a valved pump unit in said bottle and neck including a ported discharge nozzle, and a fountain pen located removably in said neck and having a valved fitting provided with a socket for reception of said nozzle, in the manner and for the purposes described.

2,107,701
METHOD OF MANUFACTURING GRANULATED POTASSIUM FERTILIZERS FROM POTASSIUM SULPHATE OR FROM SULPHATE OF POTASSIUM AND MAGNESIUM

Karl Haase and Helmut Werth, Bleicherode, Germany, assignors to the firm Preussische Bergwerks- und Hütten-Aktiengesellschaft, Berlin, Germany

No Drawing. Application January 16, 1935, Serial No. 2,055. In Germany September 15, 1934
3 Claims. (Cl. 71—61)

1. The method of manufacturing a granulated fertilizer from technical potassium sulphate containing magnesium salts selected from the group consisting of technical potassium sulphate-magnesium sulphate combinations, comprising adding thereto an amount small in proportion to the amount of the potassium salt, of quick lime (CaO) and intimately mixing the aforesaid materials in the presence of a quantity of water amounting to from 15% to 20% of the moist mixture, and agitating the moist crumbly product in a heated rotary drum, drying the mixture in a manner to granulate same into hard dry granules.

2,107,702
IMPROVED METHOD OF MANUFACTURING AN AGGLOMERATED POTASSIUM CHLORIDE FERTILIZER

Karl Haase, Helmut Werth, and Hermann Probst, Bleicherode, Germany, assignors to the firm Preussische Bergwerks- und Hütten-Aktiengesellschaft, Berlin, Germany

No Drawing. Application January 16, 1935, Serial No. 2,056. In Germany September 11, 1934
8 Claims. (Cl. 71—61)

1. In a method of manufacturing an agglomerated potassium chloride fertilizer from substances selected from the group consisting of technical potassium chloride, crude potash salt containing potassium chloride, and a mixture of these substances, intimately mixing with the respective substances amounts of calcium oxide (CaO) and of magnesium sulphate ($MgSO_4$) small in proportion to the amount of said potassium chloride containing substance, effecting interaction of the added calcium oxide and magnesium sulphate and the agglomeration of the thus obtained components in the presence of water, by agitation and causing the crumbly moist product containing from 15% to 20% of water to travel in a heated rotary drum, drying the mixture and transforming it into hard dry granules.

2,107,703
PROCESS FOR RENDERING WOOL MATERIAL UNSHRINKABLE AND NONFELTING PRODUCT MADE THEREBY

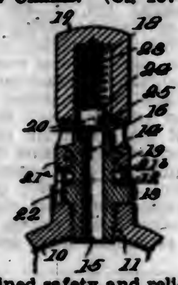
Archibald John Hall, New Basford, Nottingham, England, assignor of one-third to William Norton Hicking and one-third to Stephen James Pentecost, both of New Basford, Nottingham, England

No Drawing. Application June 27, 1936, Serial No. 87,805. In Great Britain July 17, 1935
5 Claims. (Cl. 8—20)

1. The process of rendering wool substantially non-felting, which consists in reacting all fibers

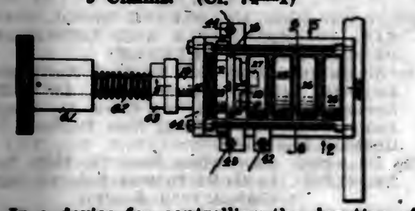
thereof with sulphuryl chloride, and withdrawing the same from such reaction while the epithelial scales are substantially undamaged and substantially uniform throughout the mass of fibres and the product uniformly has the nonfelting characteristics of air-dry wool which has been treated for a time of one hour with a two percent by volume solution of sulphuryl chloride in an inert organic solvent thereof initially at room temperature.

2,107,704
SAFETY AND RELIEF VALVE
Alfred L. Krenquest, Syracuse, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a corporation of New York
Application February 4, 1935, Serial No. 4,951
2 Claims. (Cl. 137—53)



1. A combined safety and relief valve comprising a coupling plug having a passage therethrough with a valve seat at the outer end thereof, a cap member threadedly engaging said coupling plug below said valve seat and having a recess in line with said passage and a plurality of lateral apertures therethrough, a spring-pressed ball valve disposed within said recess and adapted to engage said valve seat for closing said passage, said cap member having means disposed above said valve seat for positively raising said ball valve from said seat and for preventing removal of said ball valve, and stop means for limiting rotation of said cap member in either direction and including a depending skirt portion on said cap member extended partially around the same for providng stop shoulders and a stop pin carried by said coupling plug and cooperating with the shoulders on said skirt portion for limiting rotation of said cap member, said ball valve being movable independently of said cap member against the action of the spring when in engagement with said valve seat to permit relief of excess pressure.

2,107,705
REVERSING DEVICE
George H. Lang, Boston, Mass.
Application December 28, 1935, Serial No. 56,475
9 Claims. (Cl. 74—1)



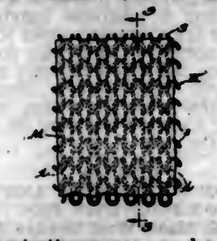
1. In a device for controlling the duration of operation of a machine and reversing it, the combination of a series of rotatable wheels and carrying means for rotating one wheel one step when the next wheel has completed a revolution, the combination therewith of an axially movable shaft on which said wheels are rotatably mounted in one portion of the shaft, and a radially movable key carried by each wheel, said shaft having corresponding key-ways normally out of registration with the keys but so located as to be brought into registration with all of them when the shaft is moved in one direction from normal position, to key the wheels to the shaft.

2,107,706
GOLF TEE
Maurice J. Morgan, West Englewood, N. J.
Application July 17, 1935, Serial No. 31,933
3 Claims. (Cl. 273—33)



1. A golf tee support of general disk shape having a tapered knife-like body adapted to be inserted in the ground and the upper portion having an obliquely-disposed socket in its upper part adapted to receive a golf tee and support it in operative position.

2,107,707
SCREEN STRUCTURE
David F. Newman, Rockville Centre, N. Y., assignor to Trans-Lux Corporation, a corporation of Delaware
Application April 17, 1936, Serial No. 74,913
2 Claims. (Cl. 88—24)



1. In a projection screen, a sheet-like body of translucent material, and a sheet of uniform knit fabric combined with said body of translucent material, said translucent material and said sheet of knit fabric cooperating to form a screen properly light-diffusive for rear projection practice, a substantial amount of light passing through said knit fabric and the translucent material when the screen is included in a rear projection system.

2,107,708
SCREEN STRUCTURE
David F. Newman, Rockville Centre, N. Y., assignor to Trans-Lux Corporation, a corporation of Delaware
Application April 17, 1936, Serial No. 74,914
2 Claims. (Cl. 88—24)

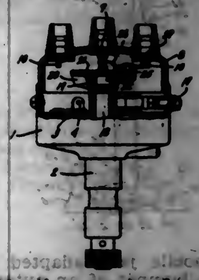
1. In a projection screen, a sheet-like body of translucent material, and a sheet of net fabric combined with said body of translucent material, the filler strands of the sheet of net fabric being disposed in crosswise relation with respect to each other and with respect to the longitudinal strands of said sheet of net fabric, said filler strands being intertwisted with or twisted around

the longitudinal strands, said translucent material and said sheet of net fabric cooperating to form a screen properly light-diffusive for rear



projection practice, a substantial amount of light passing through said net fabric and the translucent material when the screen is included in a rear projection system.

2,107,709
APPARATUS FOR REMOVING OXIDES AND PREVENTING PITTING OF ELECTRICAL CONTACTS
Luther E. Oberdick, Brooklyn, Ohio, assignor to Cleveland Tungsten Manufacturing Company, Inc., Cleveland, Ohio, a corporation of Ohio
Application August 27, 1936, Serial No. 98,193
3 Claims. (Cl. 200—19)



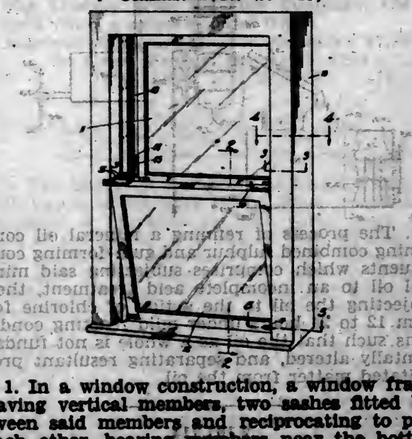
1. In combination, a pair of contacts containing tungsten which are adapted to be connected in an electrical circuit, means including an interrupter for intermittently opening and closing said contacts to make or break the electrical circuit, said contacts and interrupter being mounted in a closed casing, and blade means operable coincidently with said interrupter for moving sufficient air in said casing between said contacts while they are opening to remove volatile oxides formed by the arc created by back electromotive force when the circuit is being opened and to prevent localizing of the arc between the same spots on said contacts.

2,107,710
VAPOR PHASE HYDROLYSIS OF HALOGENATED HYDROCARBONS
Ralph P. Perkins and Andrew J. Dietzler, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
No Drawing. Application April 20, 1936, Serial No. 77,621
9 Claims. (Cl. 260—154)

2. A catalyst for the vapor phase hydrolysis of a chlorinated aromatic hydrocarbon consisting essentially of silica gel having adsorbed in its pores a basic compound of a metal belonging to one of the Groups II B, III B, IV A and B, and V B of the periodic system, and prepared by treating silica gel with an aqueous solution of a salt of such metal and thereafter washing the gel with water.

6. The method which comprises introducing vapors of a copper compound into a vapor mixture of chlorobenzene and water and passing the resultant vapor mixture over a porous catalyst at a temperature sufficient to cause reaction between the chlorobenzene and water, said catalyst consisting essentially of silica gel having adsorbed in its pores a basic compound of a metal belonging to one of the Groups II B, III B, IV A and B, and V B of the periodic system and being prepared by treating silica gel with an aqueous solution of a salt of said metal and thereafter washing the gel with water.

2,107,711
WINDOW
Spiro Prifti, Chicago, Ill.
Application May 2, 1935, Serial No. 19,436
7 Claims. (Cl. 20—43)



1. In a window construction, a window frame having vertical members, two sashes fitted between said members and reciprocating to pass each other, bearing members near the bottom of said window frame and secured thereto, and means including resilient sealing members for permitting tilting of said sashes upon reaching a predetermined position relative to said bearing members.

2,107,712
GUANIDINO AND BIGUANIDINO DERIVATIVES OF CYCLIC ETHER COMPOUNDS
Bruno Puetzer, Albany, N. Y., assignor to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York
No Drawing. Application June 7, 1934, Serial No. 729,478. In Germany June 9, 1933
7 Claims. (Cl. 260—125)

1. The process which comprises reacting upon an amino-substituted ether in which a six-membered carbocyclic nucleus is linked to a second at most bicyclic ring system consisting of six-membered carbocyclic rings by means of an atom selected from the group consisting of oxygen and sulfur with an amide compound selected from the group consisting of cyanamide and dicyandiamide in the presence of an inert solvent.

3. The compounds of the formula:

$$R^1—X—R^2$$

wherein R^1 stands for a six-membered carbocyclic nucleus, R^2 stands for an at most bicyclic ring system consisting of six-membered carbocyclic rings, at least one of the said nuclei being substituted by a substituent selected from the group consisting of the guanidino, biguanidino and the corresponding N-alkylated groups, and wherein X stands for an atom selected from the group

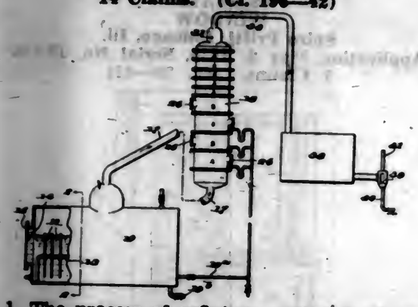
consisting of oxygen and sulfur, which products are in the form of the free bases insoluble in water but soluble in organic solvents and are soluble in water in the form of their salts.

2,107,713

PROCESS FOR REFINING MINERAL OILS

Herbert R. Rowland and Eugene Jerome Smith, Kansas City, Mo., assignors to Corona Conversion Corporation, a corporation of Arizona

Application December 10, 1928, Serial No. 324,923
Renewed March 7, 1934
14 Claims. (Cl. 196—42)



1. The process of refining a mineral oil containing combined sulphur and gum-forming constituents which comprises subjecting said mineral oil to an incomplete acid treatment, then subjecting the oil to the action of chlorine for from 12 to 24 hours under mild reacting conditions such that the oil as a whole is not fundamentally altered, and separating resultant precipitated matter from the oil.

2,107,714

APPARATUS FOR REFINING MINERAL OILS

Herbert R. Rowland, deceased, late of Kansas City, Mo., by Mary U. Rowland, administratrix, Basking Ridge, N. J., and Eugene Jerome Smith, Ponca City, Okla.; said Herbert R. Rowland and Eugene Jerome Smith, assignors to Corona Conversion Corporation, Kansas City, Mo., a corporation of Arizona

Original application December 10, 1928, Serial No. 324,923. Divided and this application June 27, 1935, Serial No. 28,758
10 Claims. (Cl. 261—114)



1. In an apparatus of the character described, a shell, a partition dividing said shell into two compartments, a passage connecting said compartments, means in one compartment for supporting solid adsorptive material for free drainage, a vapor inlet for said last mentioned compartment, a fractionating column contained within said other compartment, and a vapor outlet from said last compartment.

2,107,715

JACK

William R. Runyan and Albert H. Langenheim, Dayton, Ohio, assignors to The Dayton Malleable Iron Company, Dayton, Ohio, a corporation of Ohio

Application April 4, 1935, Serial No. 14,645
4 Claims. (Cl. 254—103)



1. An automobile jack adapted for engagement with the bumper of an automobile, comprising an elongated screw, a ground engaging base at the lower end of said screw having a bearing portion rotatably supporting said screw, gear means in said base rotatable with said screw but capable of axial tilting movement with respect thereto, operating means engaging said gear means and supported by said base for rotational movements about an axis inclined angularly outwardly and upwardly, and a lifting nut threaded on said screw above the top of said base and having a projecting load supporting socket adapted for wedging engagement with the bumper.

2,107,716

WELL CASING SETTING AND BACKING-OFF COUPLING

John Christian Singleton, Vinton, La., assignor of one-fourth to Ivy Cunniff, Lake Charles, La.

Application April 16, 1937, Serial No. 137,366
7 Claims. (Cl. 255—58)

1. In a well casing setting, the combination with the top casing section of a combination-coupling secured thereto by a threaded connection of one direction, say right hand, said combination-coupling having a female casing thread of the same direction as that of the threaded connection, and having above the female casing thread an enlargement with a female thread of a direction opposite to that of the aforesaid threaded connection, a setting tool comprising an upper portion, an intermediate portion and a skirt constituting a lower portion, said upper portion having a female casing thread of the same direction as that of said threaded connection and said intermediate portion having a male thread

of a direction corresponding to that of the enlargement of said combination-coupling, said



skirt projecting into and protecting the female casing threads of said combination-coupling when said tool and coupling are assembled.

2,107,717

JACK

Charles J. Smith, Dayton, Ohio, assignor to The Dayton Malleable Iron Company, Dayton, Ohio, a corporation of Ohio

Application December 2, 1935, Serial No. 52,669
4 Claims. (Cl. 254—100)



2. In a jack, a vertically movable member, means for moving said member vertically, load supporting means movable on said member for engagement with an object to be lifted comprising a plurality of laterally staggered upstanding conical fingers adapted to simultaneously engage spaced points on opposite sides of the bottom edge of an object in wedging contact therewith.

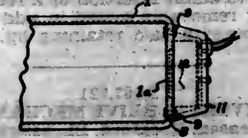
2,107,718

DEVICE FOR PROMOTING UNIFORM AND HOMOGENEOUS FREEZING

George Sparti, Covington, Ky.

Application April 5, 1934, Serial No. 719,170
Renewed July 7, 1937
4 Claims. (Cl. 249—72)

1. In combination with an ice tray, a bracket mounted upon said tray and an alternating current electro-magnet mounted upon said bracket, said tray being of magnetic material and said



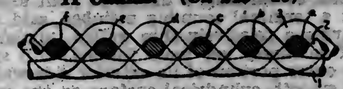
magnet being positioned to impart vibrations to a wall of said tray.

2,107,719

WOVEN WIRE FABRICS

Ferdinand Steinhart, Kearny, N. J., assignor to The Lindsay Wire Weaving Company, Cleveland, Ohio, a corporation of Ohio

Application August 22, 1936, Serial No. 97,353
In Great Britain August 28, 1935
11 Claims. (Cl. 245—10)



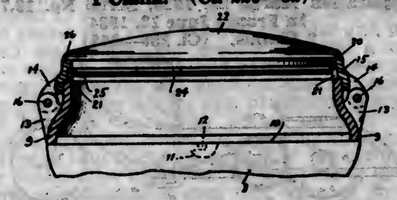
1. The improved method of uniting the ends of twill weave woven wire fabric which consists in removing a plurality of weft wires from the ends of the fabric to be joined, opening out the loose warp wire ends so that every third warp wire end is bent downwardly and every pair of intervening warp wire ends is bent upwardly, severing the warp wire ends shortly beyond where they cross the last remaining weft wire so as to leave downwardly sloping end portions on every third warp wire and upwardly sloping end portions on the intervening warp wires, abutting the ends of the fabric with the warp wires of one end of fabric in line with and abutting the warp wires of the other end of fabric, and finally uniting the abutting warp wire ends by welding, brazing or soldering.

2,107,720

DIAL COVER FOR WATER METERS

Louis A. Swander, Osborne, Kans.

Application May 8, 1936, Serial No. 78,730
1 Claim. (Cl. 220—82)



A dial cover for water meters comprising an annulus having its lower end portion constructed to embrace a complemental portion of an adapter and supporting collar, said annulus being formed at its upper end with an inturned ledge and retaining lip, a combined cover and magnifying lens of disk-like design, the diameter of said lens corresponding to the diameter of the adjacent end portion of said annulus, said lens being outwardly convexed in form and the marginal edge of the underside thereof resting removably on said ledge forming lip, the bottom of said lens being formed with a reduced circular neck depending below said lip and formed with an endless groove and the groove being located in the peripheral portion of said neck, disposed on the plane below

said lip, the surrounding wall of the annulus being spaced concentrically from said grooved neck a distance to admit insertion of a retaining ring, and a ring removably seated in said groove and engaging beneath said retaining lip.

2,107,721

UNIVERSAL DRIVE MECHANISM

Carl E. Swenson, Rockford, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois

Application April 9, 1936, Serial No. 73,444
2 Claims. (Cl. 64—23)



1. A universal drive mechanism, of the type described, comprising, a universal joint assembly having a terminal coupling member, said member having a relatively thin walled tubular portion of relatively low mass formed with splines on the outer portion of its exterior side wall and with a smooth cylindrical surface on the inward portion thereof, a sleeve telescopically disposed over said splined tubular portion of said terminal member and a portion of the said smooth outer surface thereof, said sleeve being relatively thin walled and formed on the outer portion of its inner side wall with splines engageable with said first named splines, said sleeve having a smooth outer wall of uniform diameter, a torque tube having one end fashioned with an interior wall conforming in contour and size to said smooth outer wall of said sleeve and telescopically disposed over said sleeve and providing a tight fit therewith throughout the entire length of said sleeve, means fixing the end of said torque tube to said sleeve, and a packing ring carried by the inner end of said sleeve and engaging the said smooth outer surface portion of the tubular portion of said terminal member.

2,107,722

MECHANICAL PROPULSION TOY-VEHICLE

Léon Vimeux, St.-Ouen, France

Application March 29, 1935, Serial No. 13,749
In France June 12, 1934
2 Claims. (Cl. 280—248)



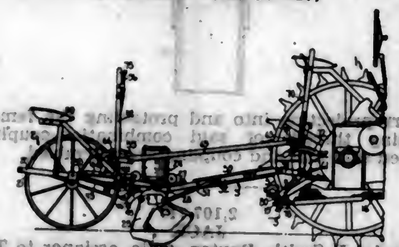
1. A toy vehicle which comprises, in combination, a frame, an axle at the rear part of said frame, wheels mounted on said axle, at least one wheel mounted for supporting the front part of said frame, two levers pivoted to said frame about substantially vertical axes located close to the longitudinal plane of symmetry of the vehicle and on opposite sides of said plane, the upper ends of said levers being bent outwardly in substantially horizontal directions, a shaft journalled in said frame in parallel relation with said axle, the lower ends of said levers being bent in substantially horizontal directions, a crank at either end of said shaft rigid therewith, a connecting rod between the end of each of said cranks and the lower bent end of each of said levers, respectively, swivelled at both ends to said parts, respectively, and each being wholly on one side of said plane of symmetry, a sprocket wheel keyed on said shaft, a sprocket wheel keyed on said axle, and a chain passing about both of said sprocket wheels, at least one of the two first mentioned wheels, which are mounted on said axle, being keyed on said axle.

2,107,723

PLANTER

Charles H. White, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois

Application October 25, 1935, Serial No. 46,639
19 Claims. (Cl. 97—47)



1. An agricultural machine comprising a source of draft, a draft lever pivotally connected at one end with said source of draft, an agricultural implement adapted to be propelled by the source of draft and including a ground engaging tool shiftable into and out of ground engaging position, draft transmitting means extending from said lever at a point spaced from its pivotal connection with the source of draft to said implement, and means operatively connected with said lever at a point spaced from said last mentioned means and also connected with said implement so as to change the position of said ground engaging tool means and simultaneously shift the implement fore and aft relative to said source of draft.

2,107,724

AUTOMATIC CLUTCH CONTROL DEVICE

Ralph S. Whittington, Oak Park, Ill., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana

Application August 29, 1932, Serial No. 630,261
17 Claims. (Cl. 192—.01)



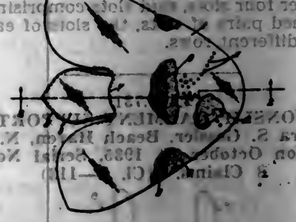
1. In an automatic control means for a motor vehicle, having a motor and an intake system, a clutch having means normally holding it in engaged position, a mechanism for controlling the acceleration of the motor, a pressure responsive means for releasing said clutch, means providing a passage between the intake system of the motor and said pressure responsive means, means operating when the motor is idling to open said passage whereby vacuum from said intake system actuates said pressure responsive means to release the clutch, means operating upon the actuation of said acceleration control mechanism to reduce the vacuum acting on said pressure responsive means whereby said clutch is moved toward engaged position, means responsive to pressure induced as the clutch is moved toward engagement, by the force of said means normally holding the clutch in engaged position to arrest the motion of said clutch toward engagement at a predetermined drop in said pressure incident to the initial engagement of said clutch, and means operative to further modify the pressure acting on said pressure responsive means whereby clutch engagement is completed.

2,107,725

BOOT OR SHOE AND METHOD OF MAKING THE SAME

Samuel Bourn, St. Louis County, Mo., assignor to International Shoe Company, St. Louis, Mo., a corporation of Delaware

Application November 11, 1933, Serial No. 697,573
8 Claims. (Cl. 36—3)



1. A vamp structure comprising inner and outer members having their rear portions adhesively attached and having registering perforations through said rear portions and the forepart of said outer member having perforations therethrough opposite an imperforate portion of said inner member, a box toe member interposed between the forepart of said inner and outer members and having an imperforate portion opposite said last named perforations that are through the forepart of said outer member and having perforations therethrough registering with certain of said first named perforations that are through said inner and outer members, and stitches passing through the rear portions of said inner and outer members and also extending forwardly and extending through the forepart of said inner and outer members and the rear portion of said interposed box toe member.

2,107,726

SPRAY GUN

Svend Brambon and Felix Wahlin, Chicago, Ill., assignors to Binks Manufacturing Company, Chicago, Ill., a corporation of Delaware

Application October 2, 1935, Serial No. 43,244
15 Claims. (Cl. 299—140.1)

1. A body assembly for a spray gun, comprising: a main body part having an axially straight longitudinal air supply passage extending through it; a forward body part bearing flatwise against the forward end of the main body part and having a secondary air passage extending through it, the rearward portion of which secondary passage alines axially with the said air supply passage; and a nipple having its end portions threaded in relatively reverse directions into the rear end of the said secondary passage and into a forward portion of the said air supply passage to clamp the said head part against the said body part; the said air supply passage having its rear end freely open during the initial assembling of the gun body to permit the insertion of a tool for rotating the said nipple.



2,107,727

FAUCET

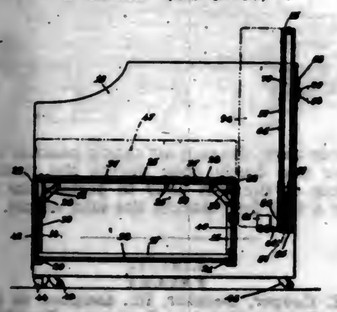
Earl E. Cooper, Decatur, Ill., assignor to Chambers, Bering, Quinlan Company, Decatur, Ill., a corporation

Application April 26, 1934, Serial No. 723,460
1 Claim. (Cl. 251—132)



A faucet comprising a casing having means for attachment to a fluid container, and an intake opening, an outlet terminal at the lower extremity of the casing shaped at that point to define an annular valve seat from which to release fluids from the container through the faucet, a fluid release valve operatively mounted within said casing adapted to register with said valve seat, said casing having its receiving portion internally tubular and its discharge portion shaped to define a cylindrical chamber internally and disposed at an angle to said tubular intake portion; said valve having the head thereof shaped on the lower end to define a concave cup portion and having its outer peripheral facing shaped to fit said valve seat, a valve stem for the valve, a coil spring on the stem, a gasket seat in the wall of said discharge portion and a gasket adapted to seat therein, a cam plate seat above said gasket seat and of larger diameter and provided with peripheral notches therein, a cam plate slidably engaging said valve stem over said spring and gasket and provided with peripheral lugs for registry within said peripheral notches, ball bearings operatively seated on said cam plate, a threaded sleeve for engaging threads at the top of said discharge portion of the casing of the faucet, and a cap handle comprising in integral combination a cam face adapted to cooperate with said ball bearings, a hood for the casing, a perforated extension lug for receiving a detachable lock, a pair of downwardly extending integral flange stop members for limiting the oscillatable movement of the cap handle, a stop member lug extending from the side of the cap and an opening provided in the top of the cap for receiving a nut for engaging the upper end of the valve stem, and a threaded cap for covering said opening; said casing having an integral stop bracket for receiving said stop member lug to prevent unwarranted lifting of the valve, and an integral perforated extension lug on said casing cooperating with said perforated lug of the cap handle to provide means for holding the cap handle in locked position when the valve is closed.

2,107,728
CONVERTIBLE COUCH
Philip Cutler, New York, N. Y.
Application January 23, 1935, Serial No. 3,068
1 Claim. (Cl. 5—37)



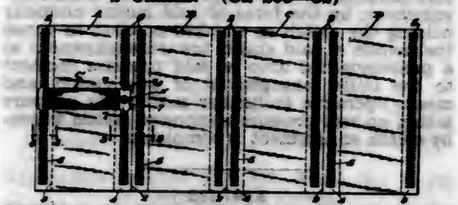
In a convertible couch, a stationary frame having a bed spring surface, end pieces to support the said stationary frame, a second frame having another bed spring surface, foldable uprights connected to the said second frame and capable when extended of independently supporting the second frame horizontally at a height substantially the same as that of the first mentioned bed spring surface, pivotal securing means between the stationary and second frames comprising two elongated, vertically disposed channel members open at the top and closed on the bottom, each being oppositely affixed to the said end pieces rearwardly of and extending below the stationary frame, projections extending from the second frame and being mounted in the said channel members for rotation, removal and vertical displacement whereby the second frame when in upright position is spaced from the rear of the stationary frame and extends below the level of the stationary frame, supporting means projecting upwardly from the forward longitudinal edge of the second frame, duplicate loose mattresses supported on the said stationary and second frames, the said loose mattress against the second frame when the latter is in upright position being held in upright position by means of the above-mentioned supporting means and the rear longitudinal edge of the loose mattress for the stationary frame.

2,107,729
HORIZONTAL VIBRATING SCREEN
Robert Andrew Denevan, Asbestos, Quebec, Canada
Application July 15, 1936, Serial No. 90,629
6 Claims. (Cl. 209—314)



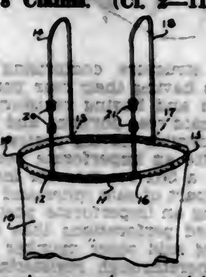
6. In a screening device, three screens mounted on a common base in substantially end to end relationship with adjacent ends overlapping, a connecting member constraining the two end screens to move as a unit, and actuating means for said screens constructed and arranged to reciprocate the middle screen and said end screens simultaneously in opposite directions.

2,107,730
SAMPLE CARD
Joseph Domber, Bronx, N. Y., assignor to Peerless Sample Card Co. Inc., New York, N. Y., a corporation of New York
Application March 2, 1935, Serial No. 8,984
2 Claims. (Cl. 206—82)



1. In combination, a sample card having longitudinal rows of aligned openings, the openings in the respective rows being laterally aligned and a sample card element, said sample card element comprising a strip of flexible material having substantially no inherent rigidity, said strip having mounts connected to the ends thereof, said mounts being spaced from each other, said mounts having tabs which are adapted to enter four slots, said slots comprising laterally aligned pairs of slots, the slots of each pair being in different rows.

2,107,731
NONSLIP GARMENT SUPPORT
Clara S. Gessler, Beach Haven, N. J.
Application October 29, 1935, Serial No. 47,269
8 Claims. (Cl. 2—113)

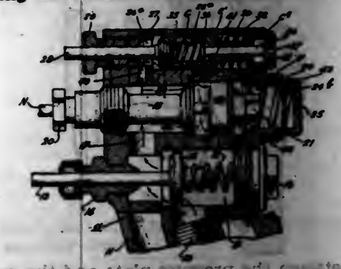


1. A garment support comprising a pair of endless shoulder straps, each of said straps passing over the top of one shoulder, across the front and back and around the opposite side of the garment, said straps being freely movable in said garment and independent of each other.

2,107,732
SPRAY GUN WITH PNEUMATIC MATERIAL CONTROL
Eric Gustafson and Fritz Wahlin, Chicago, Ill., assignors to Binks Manufacturing Company, Chicago, Ill., a corporation of Delaware
Application July 21, 1935, Serial No. 32,066
8 Claims. (Cl. 299—140.1)

1. A spray appliance comprising a body member having a material passage and an air passage presenting adjacent forwardly open outlets; a needle valve controlling the discharge of material from the material passage and movable rearwardly for permitting such discharge; the body member also having a piston chamber behind and in axial alinement with the needle valve, and having a branch air-passage leading from the air passageway to the forward portion of the piston

chamber; a piston slidable in the said chamber and fast on the needle valve; spring means resisting the rearward movement of the said piston; a control valve controlling the flow of air to the piston chamber through the said branch air-passage; a second spring means resisting the opening movement of the control valve; an air



valve controlling the admission of air to the said air passageway; a third spring means resisting an opening movement of the air valve; and a manually operable member pivoted on the said body member and disposed so that movement of the manually operable member in one direction will open both the air valve and the control valve.

2,107,733
GRID PASTING MACHINE
Harry H. Henry, Chicago, Ill., assignor, by mesne assignments, to U S L Battery Corporation, Niagara Falls, N. Y., a corporation of New York
Application July 7, 1932, Serial No. 621,265
9 Claims. (Cl. 226—39)



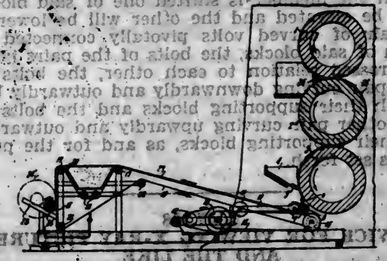
1. In a grid pasting machine, a frame, a hopper for paste mounted on said frame, belt means for advancing grids through the hopper, packing mechanism in said hopper, and a tilted adjustable platen supported below said belt and below said hopper.

2,107,734
SKYROCKET
Lester F. Holcomb, Freeport, N. Y., assignor to Paramount Fireworks Company, Inc., New York, N. Y., a corporation of New York
Application July 28, 1935, Serial No. 33,203
1 Claim. (Cl. 102—23)



A skyrocket comprising an open end pasteboard tubular casing, a choke element located in the lower portion of the casing, a plurality of slots in the casing in a position below the choke element, said slots extending through the thickness of the casing wall and being equidistantly spaced about its periphery, wings extending radially from the casing being formed by groups of two integrally joined sections, the joining portion of each of the groups of wings being arcuate in shape to conform to the interior surface of the rocket casing, and means for securing each of the wing sections in adjoining slots of the casing.

2,107,735
CRINKLED SHEET RUBBER AND PROCESS AND APPARATUS FOR MAKING THE SAME
Frank Henig, Pawtucket, R. I., assignor to United States Rubber Products, Inc., New York, N. Y., a corporation of Delaware
Application December 6, 1935, Serial No. 53,153
14 Claims. (Cl. 154—33)



1. The method of making crinkled sheet rubber which comprises temporarily adhering a relatively thin and easily deformed sheet of plastic rubber to a support, forming crinkles in the sheet and adhering the adjacent walls of the crinkles together by progressively forcing portions of the sheet back upon itself and away from the support, the force being applied at an acute angle to the surface of the support while the sheet is progressively separated from the support.

2,107,736
BLADE HOLDER
Henry Huber, Pontiac, Mich.
Application March 26, 1936, Serial No. 70,913
1 Claim. (Cl. 30—162)



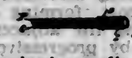
A device of the character described comprising a body having spaced apart side walls, a blade, means for guiding movement of said blade with respect to said body, and means for clamping said side walls against said blade to hold it in positions of adjustment, said guiding means comprising parallel slots in opposed side walls of said body and means carried by the blade and movable in said slots, said slots having portions disposed whereby they support the blade projecting endwise from said body, portions disposed whereby they support the blade entirely concealed within the body, and portions disposed whereby they support the blade with one side edge angularly exposed, the several portions of said slots being connected whereby the guiding means carried by the blade may be continuously moved from one position to another.

2,107,737
MULTIPLE LOCKING MEANS FOR AUTOMOBILE DOORS
Haskell Irwin, Oklahoma City, Okla.
Application May 19, 1936, Serial No. 80,623
1 Claim. (Cl. 70—264)



In a locking mechanism for automobiles of the type having a pair of meeting posts and pairs of doors which abut upon said posts at each side of the car body, a locking mechanism comprising a pair of vertically slidable blocks, one at each side of the car body and located in said posts, an endwise movable flexible member engaged with said blocks, key controlled means for shifting said member endwise in such manner that when the member is shifted one of said blocks will be elevated and the other will be lowered, a pair of curved volts pivotally connected to each of said blocks, the bolts of the pairs lying in crossed relation to each other, the bolts of one pair curving downwardly and outwardly beneath their supporting blocks and the bolts of the other pair curving upwardly and outwardly of their supporting blocks, as and for the purposes set forth.

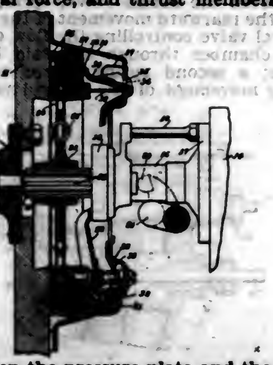
2,107,738
DEVICE FOR VIEWING X-RAY PICTURES AND THE LIKE
Sidney D. Klaus, Jamaica, N. Y.
Application October 17, 1936, Serial No. 106,078
4 Claims. (Cl. 40—158)



1. A device for viewing radiographs, comprising a first and transparent and flexible sheet, a second and translucent and flexible sheet having a single matte surface, rigid means applied only to parts of said sheets and holding said sheets in contacting relationship and with said matte surface of the second sheet in contact with the adjacent surface of the first sheet, clamping means connected to said rigid means adapted to hold a radiograph mount to the outer surface of one of said assembled sheets.

2,107,739
CLUTCH
Harold Nutt and Harold V. Reed, Chicago, Ill., assignors, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application November 1, 1934, Serial No. 750,959
5 Claims. (Cl. 192—103)

1. In a centrifugally responsive clutch mechanism, a driving assembly including a housing having apertures arranged in annular array about the axis thereof and a pressure plate movable axially relative to the housing for engagement with a driven clutch disc, a plurality of weight members partially received within said apertures and adapted to fulcrum upon one edge of the apertures, said weight members being so arranged relative to the housing as to move upon their fulcrums points under the influence of centrifugal force when the driving assembly is rotated, relatively light springs associated with the housing and with the weight members urging said weight members in the direction assumed when said weight members are acting under the influence of centrifugal force, and thrust members interposed between the pressure plate and the weight members at one side of the fulcrums thereof.



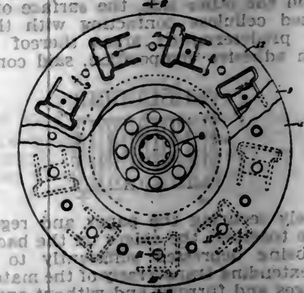
2,107,740
ELECTRIC DIRECT CURRENT TRANSFORMER
Joseph Maximus Pestarini, Grant City, Staten Island, N. Y.
Application February 21, 1935, Serial No. 7,595
In Italy February 28, 1934
7 Claims. (Cl. 171—123)



1. In an electrical machine of the metadyne type for transforming constant direct current supplied from a primary network, into substantially constant current of another value supplied to a secondary network, a rotor armature and a stator structure, said armature having commutating means including primary, secondary and tertiary sets of brushes, the primary set determining a commutating axis and connected to the constant current network, the secondary set determining a commutation axis nearly parallel to the primary commutating axis and connected to the secondary network, the tertiary set determining a commutation axis electrically substantially perpendicular to the primary and secondary commutation axis, a stator winding located in the axis of said tertiary brushes, a saturated dynamo driven by the rotor of the metadyne, supplying substantially constant voltage to the said stator winding, a stator winding of low resistance connected across the tertiary brushes and located in the commutating axis of the primary and secondary brushes, the stator also provided with a winding located in the axis of the tertiary brushes and connected in series with the primary brushes supplied with constant current.

2,107,741
CLUTCH PLATE
Harold V. Reed, Chicago, Ill., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois
Application October 31, 1934, Serial No. 750,836
10 Claims. (Cl. 192—107)

1. A clutch plate comprising, a disc, an annulus having yieldable portions extending away from the body of said annulus in the direction of said disc, a pair of friction facings, common means securing one of said facings, the yieldable portions of said annulus and said disc together,



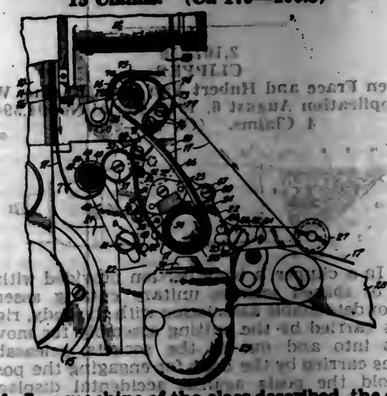
and means securing the other of said facings and said annulus together.

2,107,742
MERCURY CONTACT INTERRUPTER
Samuel Ruben, New Rochelle, N. Y.
Application January 25, 1935, Serial No. 2,372
14 Claims. (Cl. 200—82)



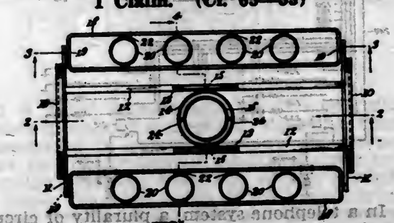
14. An electric current interrupter cell adapted to produce periodic interruptions in an electric current independent of any external periodic control and comprising an element having a contacting surface and a column of mercury in contact with and standing above said surface and having its entire contacting surface at substantially the same depth in said mercury column.

2,107,743
SOUND REPRODUCING AND RECORDING MECHANISM FOR THE FILMS OF MOTION PICTURE PROJECTORS
Allen A. Sheap, Chicago, Ill., assignor to Universal Stamping & Mfg. Co., Chicago, Ill., a corporation of Illinois
Application June 26, 1936, Serial No. 87,437
15 Claims. (Cl. 179—100.3)



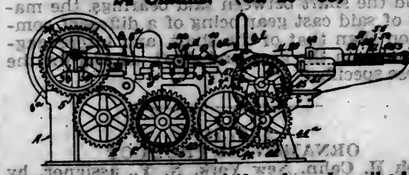
1. In a machine of the class described, the combination with a film, and reproducing means through which said film travels, of a film guide shoe mounted on the entrance side of said reproducing means over which the film travels, guides on the side edges of said shoe for engaging the edges of the film, and means independent of said shoe for maintaining sliding contact of the film on said shoe.

2,107,744
SERVING TRAY
Morris B. Solomon, New York, N. Y.
Application June 18, 1936, Serial No. 85,825
1 Claim. (Cl. 65—53)



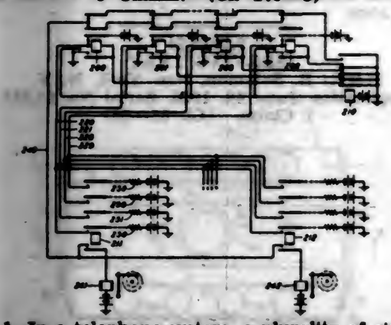
A serving tray comprising a carrying frame including a pair of spaced members, each of which is provided with supporting feet, end rails supported by each of said members, a pair of bars connecting the two end rails, two freely revolving concentric rings, an upwardly extending arcuate bar carried by each of said pair of bars, the outer ring being pivotally connected with said arcuate bars and the inner ring being pivotally connected with the outer ring, said inner ring being adapted to hold a container, a holder frame pivotally connected with said end rails, and a plurality of receptacle holders pivotally connected with said holder frame, whereby a container placed within the inner concentric ring and receptacles placed within the receptacle holders in the holder frame will revolve freely and remain upright when the carrying frame is in any position from the vertical to the horizontal, and while the tray is supported by the supporting feet of the carrying frame, or rests upon the full surface of one of the spaced members of the carrying frame, said arcuate bars supporting said container laterally of said pair of bars when the tray rests on one of the spaced members.

2,107,745
APPARATUS FOR MAKING WIRE PRODUCTS
Albert F. Bradley, Sterling, Ill., assignor to Northwestern Barb Wire Company, Sterling, Ill., a corporation of Illinois
Application July 19, 1934, Serial No. 735,927
24 Claims. (Cl. 29—33)



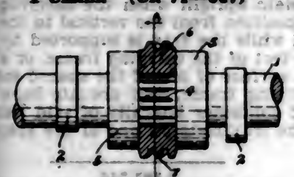
1. In an apparatus of the class described, wire drawing mechanism, means for performing a fabricating operation upon the drawn wire, means for feeding the drawn wire from said mechanism to the first means, said mechanism and feeding means being operative to afford an accumulation of wire therebetween, and means for maintaining the wire leaving said mechanism under tension.

2,107,746
RELAY CIRCUIT
Aloysius J. Busch, Bellerose, N. Y., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y., a corporation of New York
Application March 11, 1936, Serial No. 68,241
6 Claims. (Cl. 179—8)



1. In a telephone system, a plurality of circuit elements, means for marking these elements as busy or idle, a series of relays, means for connecting said relays to said elements each to each, and means for indicating the presence of an idle element comprising a chain circuit controlled by said relays and including the front contact of a single relay and a back contact of each of the remaining relays.

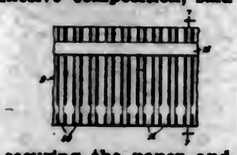
2,107,747
CAMSHAFT
Donald J. Campbell, Spring Lake Township, Ottawa County, Mich., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich., a corporation of Michigan
Application October 28, 1935, Serial No. 46,933
1 Claim. (Cl. 74—567)



An elongated cast cam shaft or the like having spaced bearings of larger diameter than the shaft and cams integral with said shaft, two of said bearings on the shaft being spaced apart a short distance, a relatively thin cast gear located around the shaft between said bearings, the material of said cast gear being of a different composition than that of the shaft, and interengaging means on the gear and shaft, as and for the purpose specified.

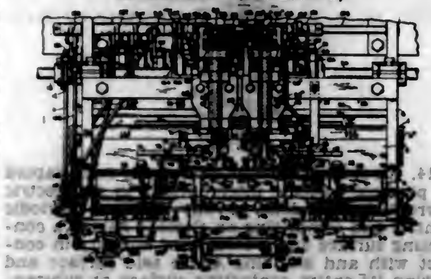
2,107,748
ORNAMENTAL PRODUCT
Adolph H. Cohn, New York, N. Y., assignor, by mesne assignments, to Edward Karfiol, Great Neck, N. Y., and Louis A. Voitier, New York, N. Y.
Application July 15, 1937, Serial No. 153,700
12 Claims. (Cl. 41—10)

10. An ornamental edging for shelving comprising a pleated composite material formed of paper laminated to regenerated cellulose and having alternate ridges and furrows on both sides thereof, the ridges and furrows on one face being opposite the furrows and ridges respectively on the other side, the surface of the regenerated cellulose contacting with the paper having predetermined areas thereof provided with an adhesive composition, said composition



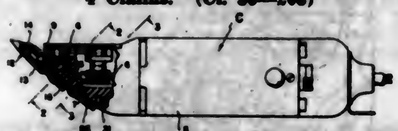
adhesively securing the paper and regenerated cellulose together, the ridges on the back of the paper being depressed sufficiently to form a groove extending transversely of the material and said ridges and furrows and without appreciably affecting the ridges on the front, and a strip in said groove adhesively secured to said paper.

2,107,749
APPARATUS FOR THE MANUFACTURE OF PRETZELS
Earl W. Curtis, Canton, Ohio
Application November 7, 1934, Serial No. 751,848
22 Claims. (Cl. 107—8)



1. A pretzel forming machine comprising means for locating a straight dough stick, two grippers for the ends of the stick, means for actuating the grippers to seize the ends of the stick, means for moving the grippers into crossed relation, said means comprising means for moving one gripper over the center portion of the stick while the other is stationary, means for then moving the other gripper over the center portion of the stick, and stampers to attach the ends of the stick to the body thereof.

2,107,750
CLIPPER
Arleen Frace and Hubert Van Bree, Racine, Wis.
Application August 6, 1936, Serial No. 94,594
4 Claims. (Cl. 30—266)



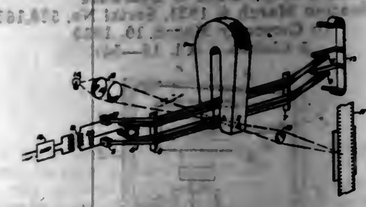
1. In a clipper, a body portion provided with a pair of spaced sockets, unitary cutting assembly for detachable association with the body, rigid posts carried by the cutting assembly for movement into and out of the sockets, releasable means carried by the body for engaging the posts to hold the posts against accidental displacement, and manually actuated means having a portion disposed between the body and the cutter assembly for forcibly moving the assembly and the posts away from the body upon actuation of said means.

2,107,751
TERMINAL STRIP
Harold W. Goff, Great Neck, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 30, 1935, Serial No. 47,389
4 Claims. (Cl. 173—324)



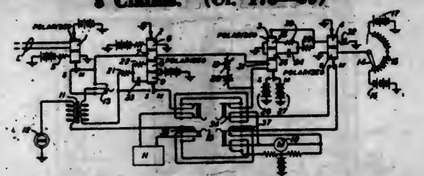
4. In a terminal strip unit, the combination with a metallic supporting bar having flanges secured on both ends thereof and plates of insulating material secured to said flanges in parallel spaced relation, and rows of terminals supported by the insulating plates, of a plurality of wire supports secured to the metallic support in transverse relation thereto, one of said supports for each of said rows, said wire supports having loop portions at their ends extending beyond the ends of the terminals in the strip for protection against the breakage of the terminals.

2,107,752
ELECTRICAL DEVICE
John B. Harley, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application October 30, 1936, Serial No. 749,156
5 Claims. (Cl. 88—61)



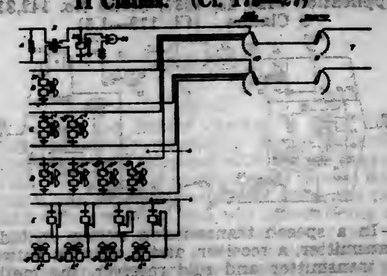
1. In a light valve, in combination a magnetic structure having aligned apertures, an electrical conductor arranged to form a light transmitting slit controlling the transmission of a beam of light passing through said apertures, a second electrical conductor arranged out of alignment with said apertures and ineffective to control the transmission of said light, means for supporting both said conductors in the magnetic field of said structure, means for tensioning both said conductors to have substantially the same frequency of mechanical resonance, and means for supplying signal currents to both said conductors in serial relationship to cause both said conductors to vibrate substantially in accordance with the signal currents whereby the effects of mechanical resonance on the control of said light beam are substantially reduced.

2,107,753
DISTORTION INDICATING AND MEASURING DEVICE FOR PRINTING TELEGRAPH SYSTEMS
Richard B. Hearn, Hollis, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application September 30, 1936, Serial No. 103,236
8 Claims. (Cl. 178—69)



2. A signal distortion indicator comprising a source of marking and spacing signaling impulses transmitted in combinations of the start-stop type, an electromagnetic relay responsive to the signaling impulses from said source, a plurality of other electromagnetic relays normally controlled by the first-mentioned electromagnetic relay and controlled independently of the first-mentioned relay while said first-mentioned relay responds to the selecting impulses of each signal combination, one of said plurality of relays being arranged to remain stationary and another of said plurality of relays being arranged to vibrate while the selecting impulses of each signal combination are being received by the first-mentioned relay, a second vibrating relay responsive to said other of said plurality of relays, an output circuit for said first-mentioned relay, an output circuit for said second vibrating relay arranged to intermittently close at predetermined uniform intervals, a transformer inductively connecting said output circuits whenever distortion is present in the signaling impulses received from said source, a gaseous discharge tube in said second-mentioned output circuit for indicating the presence of distortion in the signal impulses received from said source and switching means in both of said output circuits for determining whether the distortion is in the marking or spacing impulses.

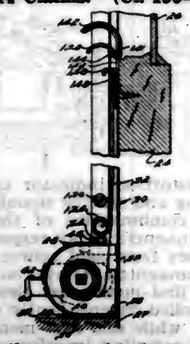
2,107,754
TELEPHONE SYSTEM
Donald F. Johnston, Pelham, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application June 16, 1926, Serial No. 116,452
11 Claims. (Cl. 179—27)



1. In a telephone system, a party line arranged for selective signaling, a central office, means including a trunk circuit for extending said party line to said central office, a single source of signaling current at said central office, and means at said central office for connecting said source

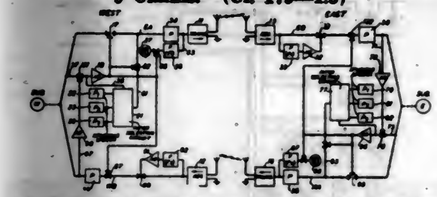
of current to said line in such a manner as to cause the alternate operation of the signaling devices located at the stations on said party line.

2,107,755
ROLL SCREEN STRUCTURE
William E. Kemp, Detroit, Mich.
Application June 22, 1934, Serial No. 731,808
14 Claims. (Cl. 156—39)



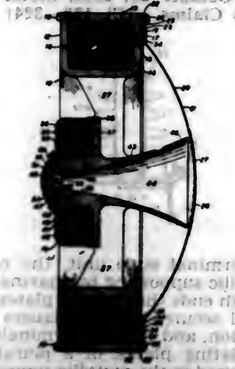
14. In a roll screen structure for windows including a window frame having a sill and a window sash vertically slidable in said frame, a roll screen, a housing of fixed dimensions therefor, the free edge of said screen being securable to the lower edge of said sash, and means for mounting said housing in operative position with respect to said sash and centrally of the window opening in said frame regardless of variations in the width of said window opening in excess of the length of said housing comprising a bracket for each end of said housing, each of said brackets being secured to said sill independently of the side members of said frame whereby to permit a choice of location thereof longitudinally of said sill to center said housing thereon, means releasably coacting between said brackets and housing for releasably securing said housing relative to said sill, and guide means for each edge of said screen, each of said guide means being secured to its corresponding frame side member independently of said sill.

2,107,756
PRIVACY SYSTEM
Burton W. Kendall, East Orange, and Doren Mitchell, Bound Brook, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 15, 1937, Serial No. 142,815
9 Claims. (Cl. 179—1.5)



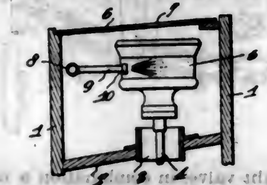
1. In a speech transmission system including a transmitter, a receiver, and a channel between said transmitter and said receiver, the method of maintaining secrecy during the transmission of speech from said transmitter to said receiver which comprises applying useful speech to said channel, selecting from a plurality of sources of spurious speech of different characteristic pitches that source most nearly approximating in characteristic pitch the useful speech and applying spurious speech from said selected source to said channel upon removal therefrom of said useful speech.

2,107,757
ACOUSTIC DEVICE
Thomas G. Kinsley, Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application February 29, 1936, Serial No. 66,400
11 Claims. (Cl. 179—115.5)



1. An acoustic device comprising a pair of diaphragms, means for vibrating said diaphragms, and a horn having its throat adjacent one diaphragm and its mouth adjacent the other diaphragm, said second diaphragm having openings through which pass sound waves from said first diaphragm and having its peripheral portion in a plane behind that of the horn mouth.

2,107,758
PROCESS FOR AVOIDING THE OVERCHARGING OF DRIVES FOR RAYON CENTRIFUGES
Erich Knechtel, Sydowsaue, near Stettin, Germany, assignor to North American Rayon Corporation, a corporation of Delaware
Application March 4, 1931, Serial No. 520,162
In Germany March 10, 1930
5 Claims. (Cl. 18—54)



1. In the method of collecting wet spun filaments in a driven spinning pot, the step of submitting the outer surface of the pot to a spray of liquid in a direction tangential to the said surface and in the direction of rotation thereof while the centrifuge is in operation.

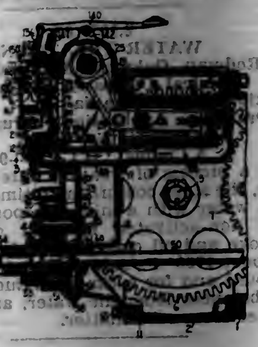
2,107,759
ELECTROOPTICAL SCANNING APPARATUS
Charles F. Mattke, Jackson Heights, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 23, 1934, Serial No. 741,031
1 Claim. (Cl. 178—7.6)

Scanning apparatus comprising a rotating member having a plurality of lens equipped apertures, a stationary opaque screen having a plurality of small apertures therein, a stationary source of light of small cross-section, a stationary collimating lens located between said source and said screen with said source at the principal focus of said lens, a plurality of smaller lenses located side by side between said collimating lens and said screen with the principal focus of each small lens



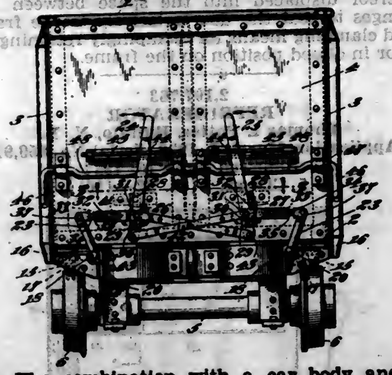
coincident with a respective aperture, and means to so position said rotating member with respect to said screen that each lens in succession forms an image of said screen on a scanning field, the apertures in said screen being offset in the direction of scanning so that one aperture only is imaged on said field at any one time and only slightly offset in a direction transverse to the direction of scanning.

2,107,760
HYDRAULIC MECHANISM
Elmer McCormick, Milford D. Stewart, and Wayne H. Werthington, Waterloo, Iowa, assignors to John Deere Tractor Company, Waterloo, Iowa, a corporation of Iowa
Application October 24, 1934, Serial No. 749,706
39 Claims. (Cl. 60—52)



1. In a hydraulic mechanism comprising a cylinder having a piston movable therein, a constantly driven hydraulic pump, a reservoir, a passage from said pump to said piston and a second passage from the pump to said reservoir, a first valve means biased for normally closing the passage from the pump to the cylinder, a second valve means in said second passage biased toward open position to permit said pump to discharge into said reservoir, means movable through successive positions for first opening the first valve means, to provide for the discharge of the fluid in the cylinder to the reservoir, and then closing the second valve means to build up pressure in said cylinder for moving said piston, means for holding said movable means in its various positions, and operating means momentarily movable from one position to another for shifting said movable means to its successive positions, said holding means serving to retain said movable means in the position to which it has been moved to provide for the return of said operating means to its first position.

2,107,761
CAR BRAKE
Louis G. Miller, Bethlehem, Pa., assignor to Bethlehem Steel Company, a corporation of Pennsylvania
Application December 31, 1935, Serial No. 56,920
32 Claims. (Cl. 188—107)



1. The combination with a car body and a wheel at each side of the car, a rock-shaft arranged parallel to and supported on each side of the car body, brake shoes pivotally connected to the rock-shafts for engaging each wheel, and a pair of operating levers pivotally connected to one end of the car and bodily movable simultaneously for actuating the rock-shafts adapted to force the brake-shoes into or out of frictional engagement with the wheels.

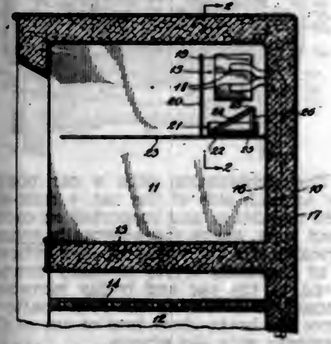
2,107,762
SEALING MEANS FOR HEATER DOORS
Ambrose D. Olds, Wichita, Kans., assignor to The Coleman Lamp and Stove Company, Wichita, Kans., a corporation of Kansas
Application August 21, 1935, Serial No. 37,127
1 Claim. (Cl. 110—173)



In a door for heater casings, a door frame having a laterally extending flange forming a door opening and provided with a door engaging seat surrounding said opening, said lateral flange having a continuous groove inset from the plane of said door engaging seat and surrounding said opening, a soft and resilient fibrous packing material inset within said groove, a door hinged to the frame and having a perimetric seating portion for engaging said seat on the frame, means hinging the door to the frame, a flange on the door and spaced from the lateral flange of the door frame to form an expansion space to accommodate any distortion that may occur in the door and frame incidental to heating, said door flange

having a depth relatively to said perimetric seating portion of the door to make contact with said fibrous material prior to engagement of said perimetric portion with the seat when the door is being moved to closed position whereby said material is compressed by said door flange against the sides and bottom of the groove and a portion thereof displaced into the space between said flanges to seal the door relatively to the frame, and clamping means for clampingly retaining the door in closed position on the frame.

2,107,763
REFRIGERATOR
Thomas I. Potter, Buffalo, N. Y.
Application March 7, 1933, Serial No. 659,917
Renewed June 16, 1937
5 Claims. (Cl. 62—116)



1. A refrigerator formed with a food chamber, a non-frosting coil therein, means for circulating a refrigerant through the coil, said coil serving to maintain the air in the chamber at a low but non-freezing temperature, a pan under the coil in position to catch any drip of moisture condensed from said air upon the coil, and a broad wick dipping into and extending outwardly from the pan to facilitate reabsorption of the moisture by the air.

2,107,764
FOLDING CHAIR
Alfred E. Puls, Cleveland, Ohio, assignor to Metropolis Bending Company, Metropolis, Ill., a corporation of Illinois
Application November 5, 1935, Serial No. 48,357
3 Claims. (Cl. 155—142)



1. A folding chair comprising side members, the lower portions of which constitute front legs, an upper back member connecting the upper ends of the side members and having an upwardly extending groove at its lower edge, an intermediate back member having its upper edge mounted within the said groove, one or more L-shaped metallic fastening devices secured to the upper end of the intermediate back member and each having an upper leg overhanging the upper edge of said intermediate member, fastening means extending through the upper back member and through the fastening device below and adjacent to the upper leg thereof, a lower transverse back member to which the intermediate back member is secured, rear legs pivotally connected to the side members above the lower back member, the rear legs being provided with longitudinal slots, the lower back member having projections entering said slots, a chair seat pivoted to the side members below the pivotal connection of the rear legs with said side members and a sliding connection between the rear portion of said chair seat and said rear legs.

2. In a folding chair, the combination of side members the lower portions of which constitute front legs, rear legs pivoted at their upper ends to the upper portions of said side members, a back interposed between the upper portions of said side members and having the opposite sides of its lower end slidably connected to the rear legs, a seat frame having front, side and rear members, means pivotally connecting the side members of said frame to the front legs, angle brackets secured to the lower surface of the rear member of said frame, one at each end thereof, each bracket having a vertical portion extending above the top of the rear member of the seat frame and being provided with openings next above said member, a rod extending through the said openings and lying adjacent to the upper surface of the rear member of the seat frame, and sliding connections between the opposite ends of the said rod and the rear legs.

2,107,765
WATER TREATMENT
Hugh Redman, Oakmont, Pa., assignor to Redman Chemical Company, Verona, Pa., a corporation of Pennsylvania
No Drawing. Application February 18, 1936, Serial No. 64,515
5 Claims. (Cl. 210—9)

1. In a process of treating water to render it potable, the steps comprising intimately contacting the water with a minor proportion of finely divided non-activated material of the group pitch coke and oil coke previously heated to at least about 1700° F., said material being used in an amount and for a time to remove objectionable substances from the water, and separating the water from solid matter.

2,107,766
MONOCYCLE
Julius Rose, Brooklyn, N. Y.
Application April 6, 1937, Serial No. 135,269
4 Claims. (Cl. 180—10)



1. A device of the class described comprising an upright inner ring and an outer ring concentric

with and spaced apart therefrom, an internal gear rigid with said outer ring intermediate the width of the latter, a tire mounted on said outer ring, a gear housing mounted on said inner ring and having a gear in mesh with said internal gear, ballbearings mounted between said rings on each side of said internal gear, retainer rings rotatably supporting said ballbearings, means for rotating said second-named gear, and annular rims loosely locking said inner and outer rings together.

2,107,767
ELECTRIC SIGN
Max G. Rupp, Chicago, Ill.
Application April 10, 1936, Serial No. 73,612
3 Claims. (Cl. 40—130)



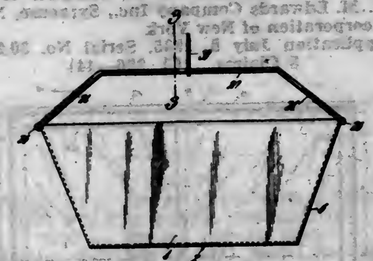
1. A sign comprising a glass plate in which the indicia of the sign are formed, a casing for supporting said plate, a stationary electric light bulb in said casing having end terminals, conducting trunnions for connecting said terminals in an electric circuit, a cylindrical color changing device rotatably mounted on said trunnions, said device comprising end members carried by said trunnions adjacent each end of said bulb and a plurality of differently colored transparent panels spanning said bulb lengthwise, electromagnetic means in said casing for rotating said device intermittently for interposing said panels in succession between said bulb and plate, circuit conductors for supplying current to said magnetic means and trunnions and a current interrupting member in said circuit for effecting the intermittent energization of said bulb and electro-magnetic means.

2,107,768
BRAKE SHOE KEY
Frederic Schaefer, Pittsburgh, Pa.
Application March 24, 1937, Serial No. 132,793
7 Claims. (Cl. 188—243)



1. A key for connecting a brake shoe to a brake head, comprising a pair of arms connected to each other, and a wedge mounted between said arms and slidable longitudinally thereof for spreading them apart, said wedge having an offset portion intermediate its end portions provided in its outer surface with a depression, and the adjoining arm being provided with a detent for registering with said depression when said wedge is moved to arms-spreading position, whereby withdrawal of the wedge is restrained.

2,107,769
PAINTER'S APPARATUS
Robert J. Simons, Springfield, Mass.
Application December 30, 1936, Serial No. 118,215
5 Claims. (Cl. 21—63)



4. Painters' apparatus of the class described comprising in combination, a rectangular receptacle having an open upper side, and a pair of separate unitary wire members bent intermediate their ends to have spaced horizontal parts extending over said open upper side of the receptacle in parallelism with the side walls thereof and end parts in parallelism with the end walls thereof and connections between the horizontal parts and the end parts, said end parts being secured to said end walls.

2,107,770
PROCESS FOR DEWAXING OIL
Maner L. Wade, Long Beach, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California
No Drawing. Original application September 22, 1934, Serial No. 745,167. Divided and this application July 6, 1936, Serial No. 89,119
7 Claims. (Cl. 204—24)

1. A process for dewaxing oil comprising adding to the wax-bearing oil a compound having a benzene ring nucleus adapted to accelerate the rate of electrodeposition of wax, chilling the mixture to precipitate wax and removing the wax from the mixture by electrodeposition.

2,107,771
PROCESS FOR DEWAXING OIL
Maner L. Wade, Long Beach, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California
No Drawing. Application April 17, 1937, Serial No. 137,533
4 Claims. (Cl. 204—24)

1. A process for dewaxing oil comprising adding to the wax-bearing oil an electrodeposition accelerator belonging to the group of fatty acids consisting of montanic, carnaubic, mellisic, cerotic and stearic acids, chilling the oil to precipitate wax and removing the wax from the mixture by electrodeposition.

2,107,772

PROCESS FOR DEWAXING OIL

Manor L. Wade, Long Beach, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California

No Drawing. Application September 22, 1934, Serial No. 745,167

8 Claims. (Cl. 204—1)

1. A process for dewaxing oil comprising adding an extraneous high molecular weight natural ester type wax to the wax-bearing oil, chilling the solution to precipitate wax, subjecting the mixture to an electric field and separating wax from the oil.

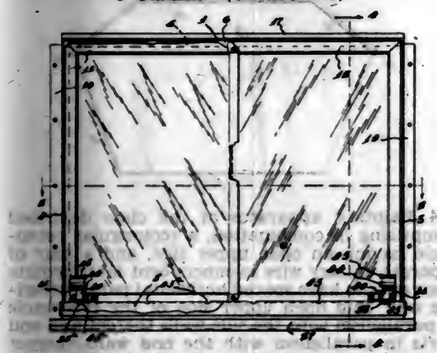
2,107,773

WINDOW FRAME AND SASH UNIT

Roy T. Axe, Syracuse, N. Y., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y., a corporation of New York

Application July 8, 1935, Serial No. 30,233

3 Claims. (Cl. 296—44)



1. In a unit window construction, a frame including top, bottom and side members, the bottom member comprising a sill portion having an inclined intermediate body and an upward flange at one edge of the body and a downward flange at the other end of the body, and a demountable guide strip mounted on the inclined body and having a horizontal top portion and a vertical outer edge portion, the horizontal top portion being formed with a pair of inner and outer parallel guide ribs and the top frame member being formed with a pair of guide ribs vertically alined with the former ribs, the side members of the frame being formed with a guide rib alined with one of the bottom and top members, the alined ribs forming two sets of sash guides, a pair of sash frames complemental to each other filling the opening of the window frame and arranged in lapping relation to each other, each sash frame being provided with a groove in its top and bottom rail and one stile for receiving one set of ribs of the window frame, thereby providing outer and inner sashes, each coacting with different guide ribs on the frames.

2,107,774

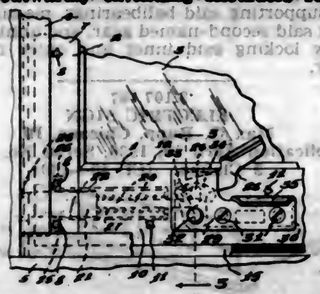
SASH HOLDER MECHANISM

Roy T. Axe, Syracuse, N. Y., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y., a corporation of New York

Application June 4, 1936, Serial No. 83,533

1 Claim. (Cl. 292—337)

A sash holder for a sash having a hollow frame member including front and rear spaced walls with spacers between them, the sash holder comprising a holding member, a guide therefor mountable in the hollow frame member with the holding member movable beyond the edge of the frame, the guide and holding member being placeable as a unit in the frame by an endwise movement of the unit into the frame, the guide having means for coacting with the spacers of the window frame to limit and support it including outwardly extending shoulders for coacting with the spacers to limit the inward movement of the unit into the hollow frame member, and said unit including a spring acting in opposite directions on the holding member to move it into operative position and on the guide to thrust the guide inwardly and hold the same with said shoulders against the spacers.



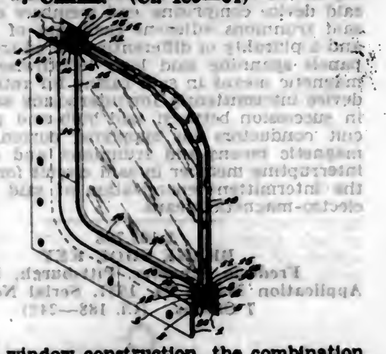
2,107,775

WINDOW CONSTRUCTION

Roy T. Axe, Syracuse, N. Y., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y., a corporation of New York

Application October 1, 1936, Serial No. 103,560

7 Claims. (Cl. 189—64)



4. In a window construction, the combination with a window frame formed with a channel, and a sash frame mounted in the channel and confining a second channel for receiving the margins of the window glass; of weather strip means between the sash frame and the walls of the channel of the window frame including resilient strips interposed between the sash frame and the side walls of the channel of the window frame and having beaded portions extending beyond the inner edges of the sash frame and pressing against the window glass.

2,107,776

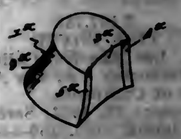
SHOE HEEL AND METHOD OF MAKING SAME

Albert F. Bancroft, West Newton, Mass., assignor to Bancroft-Walker Company, Waltham, Mass., a corporation of Massachusetts

Application March 27, 1937, Serial No. 133,337

6 Claims. (Cl. 12—147)

1. A heel core having a curved outer surface which extends forwardly to the front corners of the core, said core having in its breast surface two marginal channels each substantially wedge-shape in transverse cross section, the thin edge of each channel being substantially coincident



with the corresponding forward corner of the heel core, the thicker edge of each channel being substantially perpendicular to the main portion of the breast surface and of a depth substantially equaling the thickness of the material to be used in covering the outer surface of the heel.

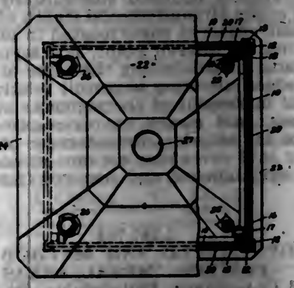
2,107,777

SIGNAL CASING

Carl H. Bissell, Syracuse, N. Y., assignor to Crouse-Hinds Company, Syracuse, N. Y., a corporation of New York

Application October 12, 1936, Serial No. 105,165

3 Claims. (Cl. 40—63)



3. A signal casing comprising a boxlike structure parallelogrammic in cross section, said structure consisting of separate side wall panels provided with coacting means along their vertical side edges to form an interlock between the panels, said panels being also formed with coacting abutments maintaining said panels in right angular relationship when secured together, means for detachably securing the panels together, top and bottom closures, and means for detachably securing said closures to said structure.

2,107,778

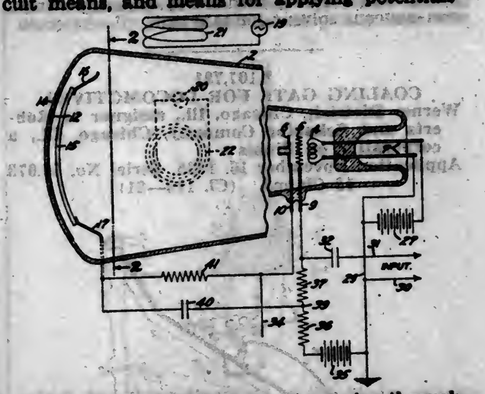
MEANS FOR GENERATING A PULSE IN A CATHODE RAY TUBE

Archibald H. Brolly, Palo Alto, Calif., assignor to Farnsworth Television Incorporated, a corporation of California

Application October 16, 1933, Serial No. 693,710

4 Claims. (Cl. 178—7.7)

1. In combination with a cathode ray tube having an envelope containing an energized anode and cathode cooperating to produce a beam of cathode rays and an area scanned by said beam, a grid positioned to control the energy in said beam, a collecting electrode positioned at the edge of said area and adapted to receive energy from said beam during scansion as a pulse, a condenser circuit, means for charging said condenser by anode potential, means connecting said condenser to said electrode to be discharged by energy received thereon, a resistor positioned in said circuit means, and means for applying potentials



developed by recharging currents passing through said resistor to said grid.

2,107,779

METHOD AND APPARATUS FOR PRODUCING FELTED FIBER INSULATION

William Brown, Detroit, Mich.

Application February 19, 1934, Serial No. 711,868

Renewed April 5, 1937

23 Claims. (Cl. 92—58)



1. The method of molding insulation forms which comprises introducing into a foraminous mold a liquid pulpy mixture, agitating said mold, and spinning the mold about an upright axis to eject liquid content of the mixture from the mold and at the same time to produce a molded form.

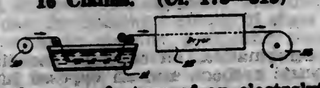
2,107,780

ELECTROLYTIC CONDENSER BODY AND METHOD OF MAKING THE SAME

Harold I. Dansiger, Westwood, N. J., and Aniello Di Giacomo, New York, N. Y.; said Di Giacomo assignor to said Dansiger

Application July 11, 1934, Serial No. 734,628

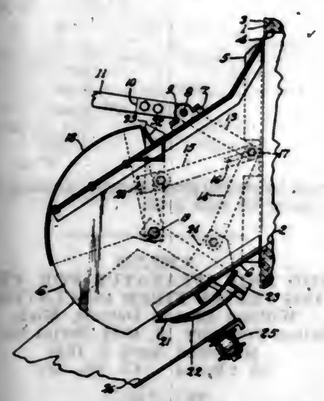
16 Claims. (Cl. 175—315)



1. In the manufacture of an electrolytic condenser body comprising interwound filmable foil and fibrous spacing strips, the steps which consist in first incorporating a film-forming salt in dry form with the fibres of the spacing strips,

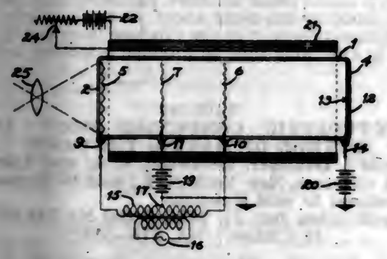
then forming the condenser body, and then impregnating the body with a medium comprising a non-aqueous solvent for said salt.

2,107,781
COALING GATE FOR LOCOMOTIVES
Werner Dietrich, Chicago, Ill., assignor to Roberts and Schaefer Company, Chicago, Ill., a corporation of Illinois
Application November 16, 1935, Serial No. 50,073
13 Claims. (Cl. 193—21)



1. In combination, a fixed downwardly inclined chute, two gate members pivoted on a horizontal axis on the chute, adapted to move toward and from one another across the open end of the chute, the upper member having a cut off edge parallel with and the lower member having a cut off edge inclined to the axis of rotation.

2,107,782
RADIATION FREQUENCY CONVERTER
Philo T. Farnsworth, San Francisco, and Donald K. Lippincott, Larkspur, Calif., assignors to Farnsworth Television Incorporated, San Francisco, Calif., a corporation of California
Application February 24, 1936, Serial No. 65,464
4 Claims. (Cl. 250—1)



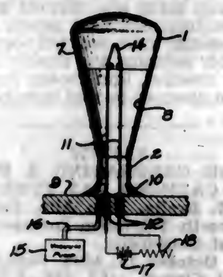
1. In combination, an envelope containing a photoelectric cathode and an opposed luminescent screen, an apertured cathode capable of emitting secondary electrons at a ratio greater than unity positioned between said first mentioned cathode and said screen, means for oscillating electrons between said photoelectric cathode and said apertured cathode to create electron multiplication in the space therebetween, and means for directing electrons passing through said apertured cathode against said screen.

2,107,783
TIRE COVER
Elmer E. Frey, Los Angeles, Calif., assignor to Kittie Manufacturing Co., Los Angeles, Calif., a corporation of California
Application January 27, 1931, Serial No. 511,531
7 Claims. (Cl. 150—54)



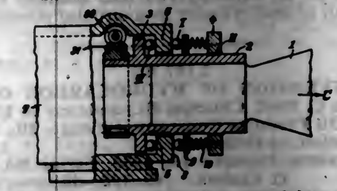
1. A tire cover having a plurality of relatively short segments disposed substantially throughout the entire circumferential length of the cover with their adjacent edges located in planes radiating from an interior point, said segments having means for connecting the same at their adjacent edges operating to permit relative circumferential movement of the segments at their inner edges, said means having a pivotal action adjacent the exterior circumference of the cover whereby said cover may assume an enlarged diameter when opened and removed from the tire.

2,107,784
ENVELOPE SHIELD AND METHOD OF DEPOSITING METAL AREAS
Bernard C. Gardner, Philadelphia, Pa., assignor to Farnsworth Television Incorporated, San Francisco, Calif., a corporation of California
Application May 21, 1937, Serial No. 143,943
2 Claims. (Cl. 91—12.2)



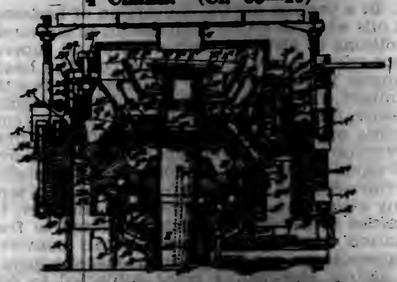
2. The method of temporarily covering the inner wall of an envelope having a narrow opening with a resilient sheet during the evaporation of metal therein which comprises rolling said sheet upon itself until the roll is of small enough diameter to enter the opening, releasing the roll to expand said sheet to form a band covering an area of said wall, evaporating metal within said envelope, re-rolling said sheet and removing it while rolled through said opening.

2,107,785
VARIABLE PITCH PROPELLER FOR AIRCRAFT
Manfred Grabarse and Ludwig Hoffmann, Berlin-Hermsdorf, Germany, assignors to Gustav Schwarz G. m. b. H., Berlin-Waldmannslust, Germany
Application August 19, 1935, Serial No. 36,768
In Germany August 23, 1934
12 Claims. (Cl. 170—162)



1. A propeller for aircraft, comprising a hub, a blade, a mounting in said hub for said blade permitting said blade to be turned about its axis and comprising bearing surfaces supporting said blade as against movement in opposite directions, and means to hold said bearing surfaces under initial pressure of such an amount that with any load to which the propeller is subjected in service the said bearing surfaces are in engagement with said blade for supporting the same as against movement transverse to the bearing surfaces.

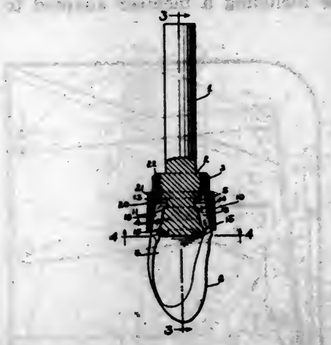
2,107,786
CRUSHING MACHINE
Oscar C. Gruender, Milwaukee, Wis., assignor to Nordberg Manufacturing Co., Milwaukee, Wis., a corporation of Wisconsin
Application September 25, 1933, Serial No. 690,790
4 Claims. (Cl. 83—10)



2. In securing means for securing two members together, a lug on one of said members, the other member being apertured to permit the passage of the lug therethrough, a housing associated with the apertured member, said housing having an access opening, rotatable securing means for said lug, positioned within said housing and aligned with said opening, a cover member for said opening and means for securing it in place, and means cooperating with said cover member, when in place, to prevent rotation of said rotatable securing means.

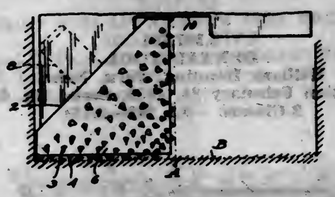
2,107,787
CARVING MACHINE BIT
Earl W. Grumke, St. Paul, Minn.
Application May 19, 1936, Serial No. 80,257
2 Claims. (Cl. 144—219)

1. A cutting implement comprising, a stem having a frusto-conical head, a pair of cutting blades operably engaging the head, means by which the blades are releasably held to prevent motion axially of the head, said head having diametrically related outstanding stop lugs with



which the side edges only of the blades engage in a manner to fix the blades against rotation on the head.

2,107,788
DEBALLING DRILL BIT
Jesse E. Hall, Los Angeles, Calif.
Application January 9, 1937, Serial No. 119,814
9 Claims. (Cl. 255—71)



1. A self, de-balling, earth-formation, drill bit having a resilient, re-bounding means whereby to automatically dislodge accumulated mud or the like.

2,107,789
METHOD OF MAKING CHLORHYDRIN
Charles G. Harford, Wellesley, Mass., assignor to Arthur D. Little, Incorporated, Cambridge, Mass., a corporation of Massachusetts
No Drawing. Application February 13, 1931, Serial No. 515,640
42 Claims. (Cl. 260—157)

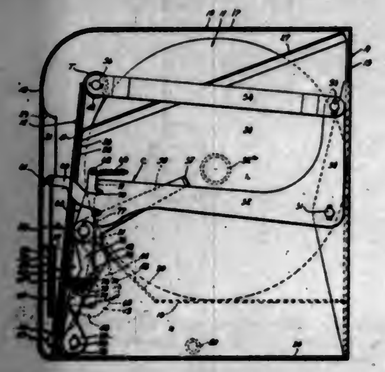
1. Method of making a chlorhydrin which comprises treating a non-benzenoid hydrocarbon containing the ethylene group —HC=CH— with a hypochlorite of a tertiary alcohol and with water.

2,107,790
TOWEL DISPENSING DEVICE
Leo M. Harvey, Los Angeles, Calif.
Application October 5, 1934, Serial No. 746,984
21 Claims. (Cl. 312—38)

3. A device of the character described including a case for housing a supply of sheet material and having an opening, a movable plate in the case facing the opening, means for guiding the material between the opening and the plate, the plate being movable by pressing against the material accessible through the opening, and means for controlling the withdrawal of the material from the case governed by movement of the plate.

13. A towel cabinet including a case, a supply

of toweling material in the case having longitudinally spaced openings, and a control for governing the withdrawal of the material from the case including a member adapted to enter



the openings to limit the withdrawal of the material, and an element in the case operatively connected with the member and bodily manually movable through the medium of the material to retract the member.

2,107,791
DENTAL TOOL
William Henning, Peru, Nebr.
Application February 24, 1936, Serial No. 65,258
2 Claims. (Cl. 240—2.18)



1. A dental mirror, comprising a handle casing having a lamp in its outer end, a combined hood and mirror support having a conical inner end portion detachably engaging about the casing in the zone of the lamp and converging outwardly therefrom to provide a hood, one side of said conical portion extending therebeyond in offset relation to the axis of the lamp to provide a supporting arm, and a mirror mounted on the outer end of the supporting arm and extending therefrom diagonally across the axis of the lamp, said conical portion having a lateral opening in its reduced outer end at the side remote from said supporting arm, the converging walls of the conical portion adapted to converge and direct light rays from the said lamp through the said lateral opening and over the surface of the said mirror.

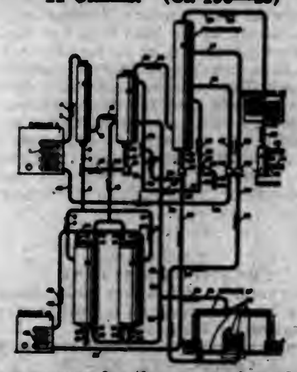
2,107,792
INTERNAL COMBUSTION MOTOR
Elmer E. Huseby, Los Angeles, Calif.
Application April 18, 1936, Serial No. 75,139
4 Claims. (Cl. 123—32)

1. In an internal combustion motor: a cylinder, a piston therein, a head on said cylinder having a chamber therein, said piston having portions reciprocable in said cylinder and in said chamber, and an eccentric arcuate passage affording communication between said chamber and peripheral points in said cylinder and formed so as to dis-



charge the air expelled from said chamber around the wall of said cylinder in a circular stream.

2,107,793
CONVERSION OF HYDROCARBON OILS
Lyman C. Huff, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application January 19, 1935, Serial No. 2,488
11 Claims. (Cl. 196—48)



1. In a process for the conversion of hydrocarbon oils wherein an oil is subjected to conversion conditions of elevated temperature and superatmospheric pressure in a heating coil, the heated products introduced into an enlarged reaction chamber, also maintained at superatmospheric pressure, wherein particularly their vaporous components are subjected to appreciable continued conversion and wherein separation of vaporous and liquid conversion products is accomplished, the vaporous and liquid conversion products separately withdrawn from the reaction chamber, the vaporous conversion products subjected to fractionation whereby their insufficiently converted components are condensed, fractionated vapors of the desired end-boiling point subjected to condensation and the resulting distillate collected, the improvement which comprises separating a relatively light reflux condensate and a relatively heavy reflux condensate from the vaporous products of the process undergoing said fractionation, returning the light reflux condensate to the heating coil for further conversion, subjecting the heavy reflux condensate to independently controlled conversion conditions of elevated temperature and superatmospheric pressure in a separate heating coil, introducing the heated products from said separate heating coil into a coking chamber, withdrawing liquid conversion products from the reaction chamber and introducing the same into said coking chamber, supplying vapors from the coking chamber to a separating chamber wherein undesirable high-boiling components, including any entrained high coke-forming liquids, are removed therefrom, returning the liquid products from said separating chamber to the coking chamber and subjecting vaporous products from the separating chamber to said fractionation.

2,107,794
MANUFACTURE OF ALCOHOLS
Vladimir Ipatieff and Vasili Komarewsky, Chicago, Ill., assignors to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
No Drawing. Application September 1, 1933, Serial No. 687,843
3 Claims. (Cl. 260—156)

2. In the production of alcohol from olefin hydrocarbons, the step which comprises treating the olefin with a phosphoric acid solution to which has been added from about 5% to 10% by weight of a metal oxide.

2,107,795
ENGINE PISTON
Everett P. Lamb, Vandalia, Ohio, assignor to The Master Electric Corporation, Dayton, Ohio, a corporation of Ohio
Application November 15, 1935, Serial No. 49,988
21 Claims. (Cl. 309—26)



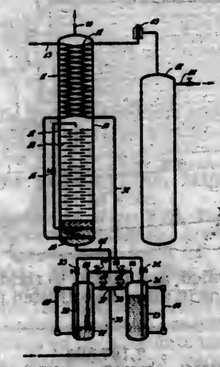
1. A hollow piston head open at one end, the interior of the open end being tapered, an internal circumferential rabbet therein, an internal circumferential planar groove therein, spaced from the rabbet toward the open end of the piston head, and an internal helical groove leading from the internal tapered area to the internal circumferential planar groove.

2,107,796
DEODORIZING POLYMERIZED HALOPRENE
Alexander D. Macdonald, Malden, Mass., assignor to E. I. Chemical Co., a corporation of Massachusetts
No Drawing. Application December 3, 1934, Serial No. 755,959
7 Claims. (Cl. 260—2)

1. The method of deodorizing plastic polymerized chloroprene which comprises milling said polymerized chloroprene in the presence of an aliphatic monohydric alcohol for a time sufficient to remove the malodorant constituents of said polymerized chloroprene.

2,107,797
APPARATUS FOR PRODUCING AND STORING OXYGEN
Adolf Messer, Frankfort-on-the-Main, Germany
Application October 17, 1936, Serial No. 106,165
In Germany September 4, 1936
2 Claims. (Cl. 62—122)

1. An air separating apparatus including a rectification column, a heat interchanger, a liquid oxygen receiver connected to the liquid oxygen collecting portion of said column, a delivery pipe from said receiver to said heat interchanger,



and means for forcing air under pressure into said receiver to force the liquid oxygen therein through the heat interchanger.

2,107,798
METHOD AND APPARATUS FOR TREATING DRIED FRUITS
Clifford B. Pape and Elisha N. Thayer, San Jose, and Theodor A. Schwarz, Menlo Park, Calif.
Application January 2, 1937, Serial No. 118,744
13 Claims. (Cl. 99—104)

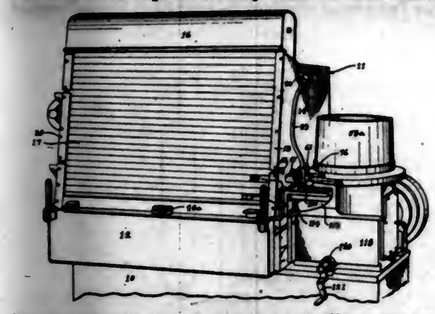


1. A method of treating dried fruits comprising the steps of separating a bulk of pieces of fruit into independent individual pieces, simultaneously subjecting a plurality of said individual pieces to transit through an extended path of travel, and subjecting said individual pieces to mechanical manipulative progressively increasing pressure independently of each other during the transit thereof through said extended path of travel for reducing the thickness of said individual pieces.

2,107,799
HIGH SPEED WIREDRAWING MACHINE
William D. Pierson and George W. Jackman, Waterbury, Conn., assignors to The Waterbury Farrel Foundry & Machine Company, Waterbury, Conn., a corporation of Connecticut
Original application February 3, 1934, Serial No. 709,646. Divided and this application February 19, 1935, Serial No. 7,264
31 Claims. (Cl. 205—16)

1. In a wiredrawing machine, a cabinet, wiredrawing mechanism located in said cabinet, a wire coiling mechanism located outside the wire exit end of said cabinet, means for rigidly holding a final drawing die intermediate said cabinet and said coiling mechanism, said holding means being

adjustable through angles around horizontal and vertical axes to produce any desired "cast" in the



wire being coiled, and means to rigidly secure said holding means in all of its adjusted positions.

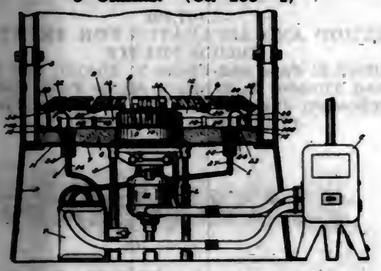
2,107,800

CARBURETING RING STRUCTURE FOR WALL FLAME BURNERS

Milton A. Powers, Detroit, Mich., assignor, by mesne assignments, to The Timken-Detroit Axle Company, a corporation of Ohio

Application October 6, 1934, Serial No. 747,220

9 Claims. (Cl. 158—4)



1. In a liquid fuel burning apparatus having a combustion chamber provided with a hearth and an upright wall, and means for projecting fuel toward said wall, an upright strip of refractory material disposed above the hearth to intersect the path of the projected fuel, and means for positioning said strip relative to the hearth, said means comprising a device secured to the hearth and having an upward extension providing a clip for reception of the upper edge of said strip.

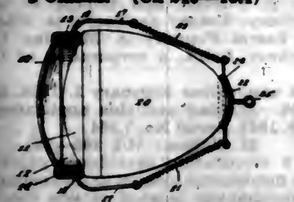
2,107,801

HEADLIGHT ATTACHMENT

Thurman Query, Columbus, Ind.

Application March 6, 1937, Serial No. 129,295

5 Claims. (Cl. 240—43.4)



2. An automobile headlight attachment, comprising an annular frame adapted to fit against the front of a headlight and encircle its light-emitting area, a filter glass in said frame, a member for engaging the rear end of the headlight, arms shaped to extend outwardly and rearwardly of said frame in position to avoid contact with the sides of the headlight, pivotal arm-mounting means on said frame including means to prevent inward movement of said arms from said outward and rearward positions, and tension devices extending between said member and the free ends of said arms.

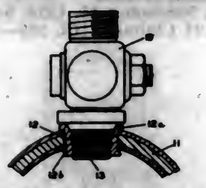
2,107,802

MEANS FOR MAKING THREADED CONNECTIONS

Nathan Roach, Cleveland, Ohio, assignor to The Cleveland Brass Manufacturing Company, Cleveland, Ohio, a corporation of Ohio

Application November 13, 1937, Serial No. 174,294

2 Claims. (Cl. 285—43)



1. In a connection between a hard metal threaded member and a hard metal wall having a threaded opening therein, said wall being subjected to fluid pressure, a bushing of a soft metal having a deformability similar to lead having threaded engagement between its outer face and said wall and having threaded engagement between its inner face and said member, and portions at each end of said bushing beyond its engagement with said wall extending radially outwardly beyond the diameter of said wall opening.

2,107,803

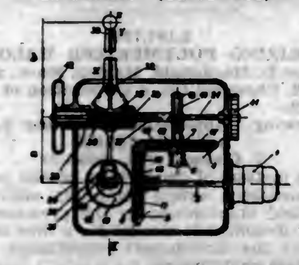
ADJUSTING MECHANISM FOR FIREARMS

Miroslav Rožík, Brunn-Husovice, Czechoslovakia, assignor to Československá Zbrojovka A. S. Brno, Brno, Czechoslovakia

Application June 20, 1936, Serial No. 86,414

In Czechoslovakia June 24, 1935

11 Claims. (Cl. 74—195)



1. A mechanism for operating the means for vertically and horizontally adjusting fire arms comprising in combination a motor, two mechanisms operatively connected with said motor for driving the adjusting devices, means inserted between said motor and said mechanisms for continuously controlling the speeds in either direction of rotation and a device opdratively connected with both mechanisms for simultaneously and independently controlling the components of such motion.

2,107,804

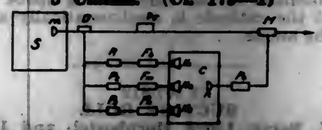
METHOD OF MODIFYING THE ACOUSTICS OF A ROOM

Bernard Roux, Robert Gaumont, and Mario Sellma, Paris, France

Application December 30, 1935, Serial No. 55,474

In France December 23, 1934

5 Claims. (Cl. 179—1)



1. In an electro-acoustical apparatus for transmitting sounds, a sound transmitter, an acoustical echo device for artificially lengthening the reverberation period of the transmitted sounds, means for conveying to the echo device a part of the energy coming from the transmitter, means for picking up the corresponding energy from the echo device and leading it to a receiver, one of the last named means being electrical, and electrical means combined with said electrical conveying means for affecting the intensities of the different musical frequencies conveyed, according to given coefficients of weakening regulatable at the will of the operator.

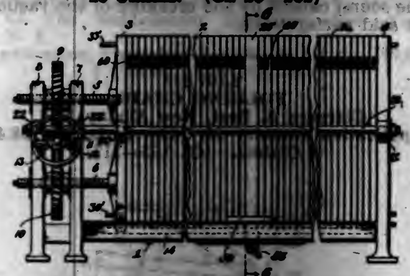
2,107,805

DIALYZERS

Arthur O. Russell, Port Chester, N. Y.

Application May 21, 1935, Serial No. 22,669

15 Claims. (Cl. 23—252)



6. A dialyzer comprising a press having front and rear end plates, a series of upright dialytic frames arranged in face-to-face relation between the end plates with permeable diaphragms disposed between the frames, means for moving one of the end plates into and out of clamping engagement with the frames, a distributor box segregating said series of frames into two adjacent groups of frames, ports formed in the frames of each group so constructed and arranged to form independent circulating systems for a carrier liquid and a wash liquid, passageways in the distributor box communicating with said systems, and means for moving the distributor box toward and from one group of frames.

2,107,806

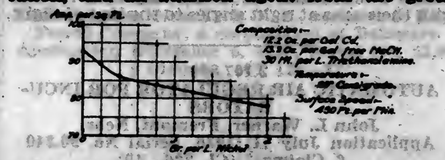
DUCTILE CADMIUM COATING

Karl Gustaf Sederberg and Henry Brown, Detroit, Mich., assignors to Udylite Company, Detroit, Mich., a corporation of Indiana

Application June 2, 1934, Serial No. 728,247

21 Claims. (Cl. 204—1)

1. A cadmium plating bath for plating a ductile deposit of cadmium comprising a compound of cadmium, a cyanide compound in sufficient quantity to have free cyanide present in the solution, and an addition agent from the group



consisting of the hydroxyaliphatic amines and the ether derivatives of alkylene glycols.

2,107,807

PROCESS FOR SEPARATING MINERAL OIL PRODUCTS

Hermann Sulda and Hans Pöll, Vienna, and Alfred Nowak, Medling, Austria

No Drawing. Application April 24, 1935, Serial No. 16,074. In Austria May 5, 1934

10 Claims. (Cl. 196—13)

1. In a process for separating and refining mineral oils containing paraffinic, naphthenic and aromatic portions by the alternate use of a selective solvent in anhydrous and water saturated stages; the improvement which comprises employing as the solvent a mixture consisting solely of crude cresol and a water repellent selective solvent which has a high dissolving power for naphthenic oils and is capable of lowering the viscosity of the solvent as a whole.

3. A process for separating mineral oil products into paraffinic, naphthenic and aromatic portions with simultaneous refining of the paraffinic and naphthenic portions, which comprises first extracting the oil products with a water saturated mixture consisting of crude cresol and a water repellent solvent, thus dissolving the main quantity of aromatic resinous and asphaltic compounds, thereafter extracting the undissolved portion of the oil with an anhydrous mixture of said solvents, separating the paraffinic portions in a pure state, saturating the extract with water, thereby separating the naphthenic substances in a pure state and finally joining the solution of aromatic, resinous and asphaltic compounds in the aqueous mixture of solvents with the aqueous extract first obtained.

2,107,808

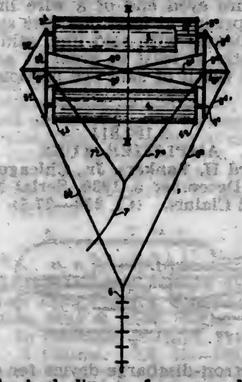
KITE

Willem H. A. G. van Ittersum, Biltheven, Netherlands

Application January 22, 1937, Serial No. 121,865

In France January 27, 1936

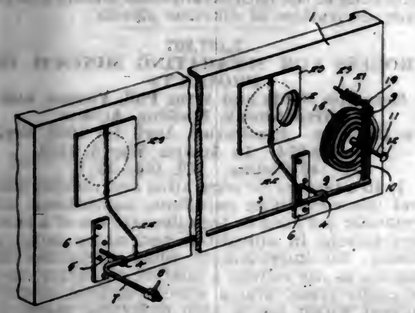
4 Claims. (Cl. 244—153)



1. A kite including a frame and a revolving

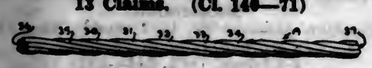
motor mounted in the frame and embodying hollow semi-cylindrical bodies displaced radially with their axes at right angles to the line of flight.

2,107,809
AUTOMATIC AIR REGULATOR FOR INCUBATORS
John L. Warner, Fremont, Nebr.
Application July 11, 1936, Serial No. 90,240
6 Claims. (Cl. 236—49)



1. In an incubator having a wall provided with air openings, a bar member disposed horizontally of the wall and supported for axial oscillation, arms carried by said bar, cover plates carried by said arms and each adapted to contact the adjacent wall and cover an opening, an upwardly directed arm carried by said bar and disposed in spaced relation with the incubator wall, resilient means coupling the arm with the wall and normally tending to oscillate the same in a direction to effect the engagement of said plates with the wall, and a thermostatic wafer interposed between said last arm and said wall and bearing at one side upon the wall and at its other side having connection with said arm.

2,107,810
WIRE LINE ENDS AND METHOD OF FORMING SAME
Earl E. Wherry, Oklahoma City, Okla.
Application November 29, 1935, Serial No. 52,251
13 Claims. (Cl. 140—71)



1. In a wire eyed end of a wire line, an eye portion comprising at least one wire strand, substantially integral with said line, said line having a diameter at least as great at all times as the greatest width of said eye portion.

2,107,811
AMPLIFIER TUBE
Edward H. Yonkers, Jr., Chicago, Ill.
Application December 5, 1930, Serial No. 500,217
2 Claims. (Cl. 250—27.5)



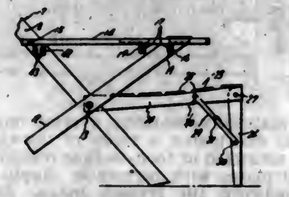
1. An electron-discharge device for amplifying pulsating currents comprising a helical electron-emitting cathode and a helical control element of the same pitch as the said cathode the convolutions whereof are interpositioned and a cylindrical anode of larger diameter than the said cathode, the axes of the three elements being substantially coincident, said control element being located between the cathode and the point of zero potential in the surrounding space charge so that the cathode is electrostatically shielded from the anode.

2,107,812
SUCTION ROLL
Earl E. Berry, Lloyd Hornbostel, and John E. Goodwillie, Beloit, Wis., assignors to Beloit Iron Works, Beloit, Wis., a corporation of Wisconsin
Application April 25, 1935, Serial No. 18,090½
15 Claims. (Cl. 92—53)



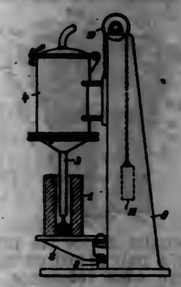
1. The combination in a suction roll of a perforate shell, a suction box, and a sound trap at the offgoing side of the suction box for reducing the sound caused by the breaking of the vacuum in said perforations.

2,107,813
FOLDING CHAIR
Clarence A. Best, New Albany, Ind.
Application January 10, 1936, Serial No. 58,445
2 Claims. (Cl. 155—117)



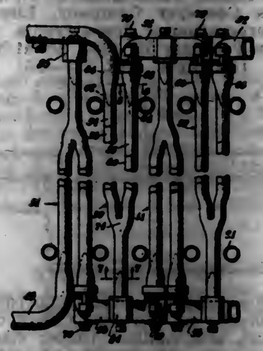
2. In a foldable seat combination including a back having a pair of forwardly extended legs at the sides thereof and a pair of rearwardly extended legs medially pivoted to the forwardly extended legs at the outer sides thereof, a seat pivotally connected at its rear portion to the inner sides of the forwardly extended legs, means to support the seat in horizontal position, the seat being foldable upwardly against the back, and side arms pivoted at their rear ends to the outer sides of the back and adjustably connected at their forward ends with the upper ends of the rearwardly extended legs, a writing leaf hinged to the inner edge of one of the arms and arranged for opening horizontally inward over the seat for use and for folding downwardly into the space formed between the adjacent outer side of the seat and the adjacent inner side of the rearwardly extended legs and thus out of the way to allow the seat to fold upwardly against the back, and means for holding the writing leaf in horizontal position.

2,107,814
MOLDING BY SAND-BLOWING
Carl Billand, Kaiserslautern/Rheinpfals, Germany
Application August 7, 1935, Serial No. 35,184
In Germany May 21, 1934
20 Claims. (Cl. 22—36)



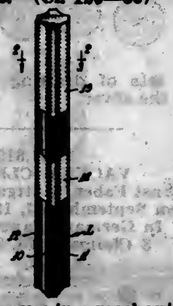
20. In combination, a mold box, a sand blast nozzle associated in telescopic relation therewith, means for effecting recessional movement therebetween, and means for controlling said movement in accordance with the advance of the face of the sand deposit.

2,107,815
LOCOMOTIVE SUPERHEATER
Virginius Z. Caracristi, Bronxville, N. Y., assignor to The Superheater Company, New York, N. Y.
Application November 3, 1936, Serial No. 108,944
7 Claims. (Cl. 122—481)



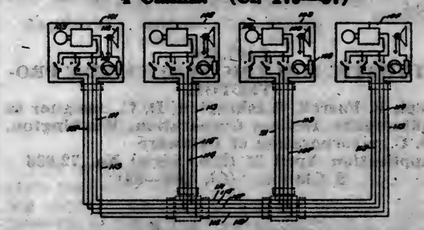
1. In a superheater; inlet and outlet headers; a heat absorbing unit connected between said headers and divided into a plurality of sections each having a steam inlet branch and a steam outlet branch parallel thereto, each branch comprising a pair of parallel tubes connected at each end by a breeches piece to the inner ends of single tube lengths; coupling members receiving the outer ends of the single tube lengths at one end of each branch and connecting the section to the preceding and following sections of the unit for circulation of fluid in series therethrough; and breeches pieces joining the outer ends of the single tube lengths at the other end of both branches to another single tube length; and means closing the outer end of said mentioned single tube length.

2,107,816
MECHANICAL PENCIL
Isidor Chesler, New York, N. Y., assignor to Eagle Pencil Company, a corporation of Delaware
Application December 5, 1935, Serial No. 52,969
3 Claims. (Cl. 120—83)



1. A writing lead for use in a mechanical pencil, said lead having a uniform cross section from end to end and having its rear end covered with a friable coating of conspicuous color contrasting with that of the lead, made up largely of minute solid particles adhering to the lead end, said coating being of sufficient thinness to permit effective writing with substantially the entire length of the lead in substantially the color of the uncoated lead, whereby a user is apprised of the need of recharging once said coated rear end is exposed in the mechanical pencil and may continue to write with said coated end until a new lead is available.

2,107,817
INTER-OFFICE COMMUNICATION SYSTEM
Jack I. Davis, Chicago, Ill., assignor to Sidney Ludwig, Chicago, Ill.
Application January 29, 1936, Serial No. 61,418
4 Claims. (Cl. 179—37)



1. An inter-office communication system of the character described, including: a plurality of units, each unit comprising a speaker, a microphone, tube means for amplifying the output of said microphone, and an indicator; a cable connecting said units, said cable having therein only one more wire than the number of units; a source of direct current associated with each of said units; and a relay breaking the circuit to said speaker when said indicator is being energized by direct current.

2,107,818
TEXTILE DRAFTING APPARATUS
Johann Elser, Mistek, Czechoslovakia
Application May 8, 1936, Serial No. 78,715
In Germany May 30, 1935
5 Claims. (Cl. 19—120)

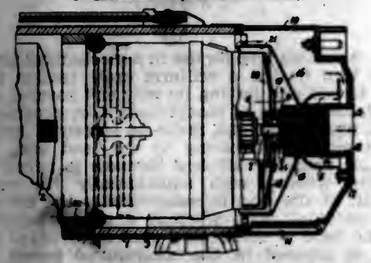
1. In textile drafting apparatus the combination of a plurality of sets of drafting rolls through

which the sliver to be drafted passes in succession, and a needle roll interposed between two



adjacent sets of drafting rolls and rotatably driven by the sliver.

2,107,819
VACUUM CLEANER
Ernst Faber, Stuttgart, Germany
Application September 17, 1935, Serial No. 40,905
In Germany January 4, 1935
8 Claims. (Cl. 230—232)



1. In a vacuum cleaner in combination, a shell formed with an air exhaust, a sleeve-shaped screen covering said exhaust, a cap embracing said screen and arranged to lead the air onto said screen in reversed direction, a casing open at both ends within said shell, a motor and fan unit accommodated in said casing, a shield embracing said casing and arranged to twice reverse the direction of the air, which leaves the casing, and elastic means supporting said casing and shield.

2,107,820
AUTOMATIC ELECTRIC SERVICE LINE PROTECTOR
Joseph E. Farrell, Washington, D. C., assignor to Automotive Devices Corporation, Washington, D. C., a corporation of Delaware
Application April 3, 1936, Serial No. 72,636
8 Claims. (Cl. 200—88)



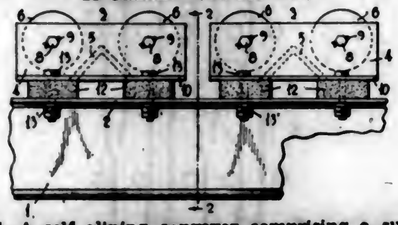
1. An electric service line protector including in combination, an armature type latch normally spring biased to latching position, an electromagnet for actuating the latch, a pair of oppositely located spring terminals, a switch disk overlying the latch and having means for engaging therewith, said switch disk having opposite contacts connected by a fusible conductor adapted to carry an amperage substantially higher than the amperage for which the electro-magnet is set to function.

2,107,821
AUTOMATIC SWITCH FOR ELECTRIC SERVICE LINES
Joseph E. Farrell, Washington, D. C., assignor to Automotive Devices Corporation, Washington, D. C., a corporation of Delaware
Application October 18, 1934, Serial No. 748,959
11 Claims. (Cl. 200—89)



1. In an automatic device for protecting electric service lines, a pair of switch contacts, one of which is movable with reference to the other, normally interlocked manual and automatic insulation means for controlling the movable contact, restraining means for said manual means which in turn controls said automatic means while both are interlocked, an insulation barrier actuated by the automatic means to open and separate the contacts when the manual and automatic means are unlocked, and magnetic means for unlocking the manual and automatic means and rendering said manual means incapable of being reset by the restraining means while abnormal conditions exist in the line.

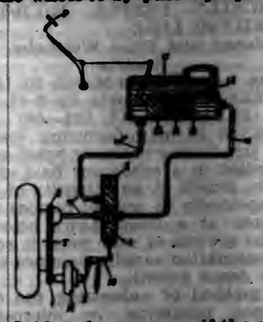
2,107,822
ROLLER CONVEYER
Arthur M. Hahn, Washington, D. C., assignor to Mathews Conveyer Company, Ellwood City, Pa., a corporation of Pennsylvania
Application February 16, 1937, Serial No. 125,976
15 Claims. (Cl. 193—35)



1. A self aligning conveyer comprising a support, a plurality of conveyer rollers carried by said support, and resilient rubber elements interposed between said support and said rollers.

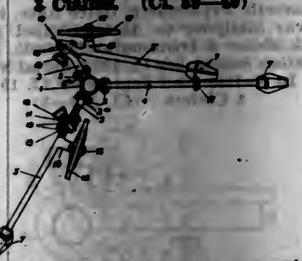
2,107,823
BRAKING SYSTEM
Paul Hallot, Paris, France
Application July 12, 1934, Serial No. 735,062
In France July 12, 1933
7 Claims. (Cl. 188—181)

7. A braking system for vehicle wheels, comprising an operating member, a piston moved by said member, hydraulic fluid for transmitting the movement of said piston to brake mechanism associated with a wheel to be braked, a compensating spring compressed by the movement of said piston, a second piston on which the spring bears, said second piston thereby being pressed on the hydraulic fluid, and a self-regulating device operated in accordance with the reduction of the speed of the wheel to by-pass a proportion of the



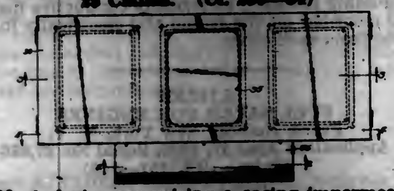
hydraulic fluid under pressure if the wheel is too highly braked.

2,107,824
GUN-CARRIAGE
František Helcl, Brunn-Julianov, Czechoslovakia, assignor to Ceskoslovenska Zbrojovka, a. s. Brno, Brunn, Czechoslovakia
Application September 29, 1936, Serial No. 103,139
In Czechoslovakia, October 4, 1935
2 Claims. (Cl. 89—40)



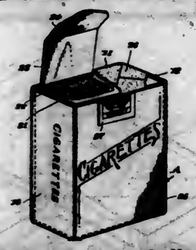
1. A wheel carriage for guns comprising in combination, a central gun support, a trail and two feet forming a tripod, each foot being subdivided into an inner and an outer section, the planes of subdivision extending at an acute angle to the feet axes and intersecting said trail, a wheel axle extending from each outer section near the inner end thereof and a wheel on said axle.

2,107,825
X-RAY APPARATUS
Edwin S. Humphreys, Aurora, Ill.
Application April 30, 1932, Serial No. 273,794
26 Claims. (Cl. 250—54)



20. A device comprising a casing impermeable to light rays, there being an exposure opening in said casing, a container removably associated with said casing, photographic plates arranged in stacked relation within said container, and mechanically operated means for successively shifting said plates in timed sequence to effect regular predetermined succession to said casing opening for timed exposure thereof.

2,107,826
CIGARETTE PACKAGE
Joseph Keller, Bronx, N. Y.
Application August 14, 1936, Serial No. 96,682
1 Claim. (Cl. 229—7)



In a cigarette package, a hollow body having front and rear walls, end walls, and a bottom and a top, the top being integral with the front wall and being folded along the upper edge thereof to a head-forming position and provided with marginal flaps extending into the body and secured against the back and end walls to firmly support the top, said top having an end portion formed with a cigarette-extracting opening spaced from all marginal edges of the top to provide portions surrounding the opening and adapted to prevent accidental displacement of cigarettes and retain loose tobacco within the body, a closure flap for said opening carried by the rear wall and folded downwardly upon the top in covering relation to the opening and having its free front end portion folded downwardly against the outer face of the front wall and free from the same, and a wrapper enclosing the body and the flap.

2,107,827
DIVIDING AND REINFORCING MEANS FOR CONCRETE ROADWAYS
John Willard Kerr, Chicago, Ill., assignor to Ernest H. Geyer, Chicago, Ill.
Application July 17, 1934, Serial No. 735,671
3 Claims. (Cl. 94—17)

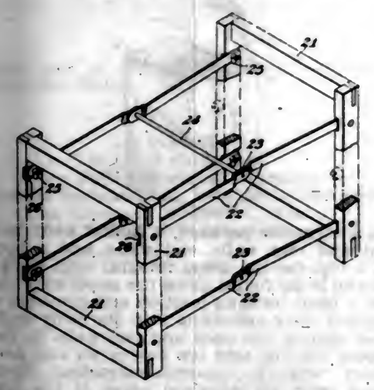


1. A dividing and reinforcing strip for concrete roadways comprising a flat metal strip having straight upper and lower edges and having between its edges a row of longitudinally extending apertures and an anchoring member of such zig-zag form as to present angularly projecting members extending laterally in opposite directions from a median line, the apertures in said metal strip being each of such length as to permit an angular projection of the anchoring member to be passed through it.

2,107,828
PORTABLE WARDROBE, CUPBOARD, OR THE LIKE
Morris Krantz, London, England
Application December 7, 1936, Serial No. 114,686
In Great Britain December 14, 1935
2 Claims. (Cl. 312—6)

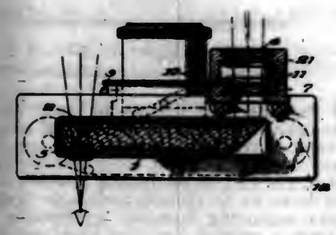
1. A collapsible portable wardrobe comprising, in combination, a box-like flexible bag having an access flap and an interior collapsible self-supporting frame fitted within said bag, said frame comprising opposite side sections including up-

right frame parts rigidly connected at the top and bottom by horizontal frame parts, bolts on the upright frame parts located inwardly of each horizontal frame part, and cross bars serving to hold the side sections in spaced relation, said bars



being each constructed to fold upon itself and pivotally attached to said bolts on the upright frame parts, the said upright frame parts being transversely grooved at the location of said bolts to receive the cross bars and lock the same in rectilineal condition.

2,107,829
PHOTOGRAPHIC CAMERA
Heinz Küppenbender, Dresden, Germany, assignor to Zeiss Ikon Aktiengesellschaft Dresden, Dresden, Germany
Application February 8, 1934, Serial No. 710,206
In Germany February 18, 1933
9 Claims. (Cl. 95—44)



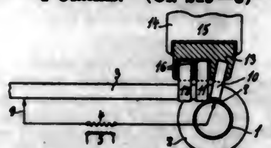
1. A camera provided with a focussing device in combination with a telemeter having the same view as said camera and adapted to bring into coincidence two images of said view projected along two spaced lines of vision, the said telemeter comprising optical means rotatable about an axis substantially coinciding with the axis of vision, for deflecting in a plane one of said images, mounted independently of the remaining elements of said telemeter in the path of one of said lines of vision and adapted to bring said image into coincidence with the other of said images, and means for coupling said optical means with said focussing device to be moved therewith and to bring said images into coincidence only when said camera is in focus.

2,107,830
METHOD OF INFLUENCING ENZYMES AND TECHNICALLY USEFUL MICRO-ORGANISMS AND THE LIKE
Paul Liebeny and Hugo Wertheim, Vienna, Austria
No Drawing. Application March 30, 1933, Serial No. 663,642. In Austria April 12, 1932
13 Claims. (Cl. 195—66)

1. A method of manufacturing yeast, which consists in irradiating ordinary yeast on a nutritive foundation in a condenser field of about 15 meters wave length at an intensity of 150 milliamperes repeatedly in several periods of twenty minutes each at a temperature below 30° C., whereby the growth of said yeast is so vigorous that said foundation rapidly becomes completely covered by dense growth.

12. The method of enhancing the efficacy of the enzymes occurring in micro-organisms which consists in isolating such enzymes and irradiating them in a condenser field ranging from 4 meters to 15 m. wave length the temperature being maintained not higher than that of the optimum activity of the enzyme.

2,107,831
MACHINE FOR THE MANUFACTURE OF RIBBED PIPING
Leif Merseth, Frydenberg, Ostre Aker, near Oslo, Norway, assignor to Aktieselskapet Per Kure, Norsk Meter & Dynamofabrik, Oslo, Norway
Application September 15, 1936, Serial No. 100,949
In Switzerland September 17, 1935
4 Claims. (Cl. 219—3)



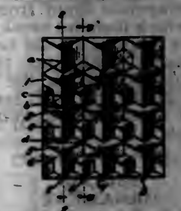
1. In a machine for the manufacture of ribbed piping and comprising a frame, means for feeding a pipe rotating about its axis in the axial direction and for feeding a metal ribbon, to be wound on to the pipe, to said pipe substantially normal to its axis, and electrical means for feeding an electric current through said ribbon from a point substantially adjacent to the point of contact between the ribbon and the pipe to a point on the ribbon remote from the pipe, guiding means adjacent to the said pipe on both sides of the current-carrying section of said ribbon to maintain the said ribbon in proper angular relation to the said pipe, said guiding means comprising a plurality of pairs of guiding blocks of electrically conductive material mounted on the frame and electrically insulated from each other.

2,107,832
FUEL SAVER FOR ENGINES
Frank Neilson, New York, N. Y.
Application June 17, 1935, Serial No. 27,086
1 Claim. (Cl. 251—145)



In a fuel saver, adapted to add a volume of gas to a charge pre-formed by a charge-forming device and adapted to be interposed between the outlet of said charge-forming device and the inlet of an intake manifold of an internal combustion engine, a gasket-like body portion having a centrally-disposed chamber therethrough, with openings at both ends thereof, one opening adapted for communication with said charge forming device and the other opening adapted for communication with said intake manifold, said body portion also having a substantially L-shaped gas intake passageway, wholly within said body portion, opening to the outer atmosphere directly at the exterior of said body portion and extending to said chamber, the longitudinal axis of that portion of said gas passageway nearest said chamber being radially disposed with reference to the axis of said chamber, a valve structure carried by said body portion, including a seat within said portion of said passageway, disposed at the juncture of the two portions of said L-shaped passageway and spaced from and facing said chamber, a valve normally on said seat and a valve stem secured to said valve, extending into said passageway and disposed with its axis substantially radial with reference to the axis of said chamber, and valve means urging seating of said valve, including a spring located wholly outside said gas intake passageway.

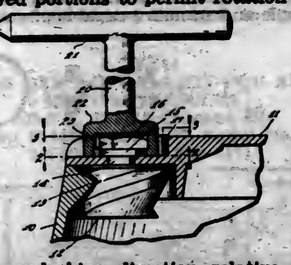
2,107,833
LIGHT DIFFUSING GLASS
Henri Paul, Montreal, Quebec, Canada
Application August 26, 1935, Serial No. 37,965
2 Claims. (Cl. 88—78)



1. A light diffusing glass panel having one side flat and the other side shaped to form parallel contacting unbroken rows of interpenetrating right trihedral convex reflectors of similar dimensions, one edge of each reflector intersecting the center of one face of the adjacent reflector in the same row, all of such edges in each row lying in a plane perpendicular to said side, the intersecting surfaces between adjacent rows of convex reflectors forming a continuous unbroken row of concave right trihedral reflectors, and a row of smaller convex trihedral reflectors located in the angles formed by the intersecting faces of the said concave reflectors, one edge of each of the smaller trihedral reflectors being a continuation of the line of intersection between adjacent faces of said concave reflectors.

2,107,834
KEY
James A. Phillips, Hopkinsville, Ky., assignor to The Ford Meter Box Company, Wabash, Ind., a corporation of Indiana
Application December 19, 1935, Serial No. 55,186
9 Claims. (Cl. 70—409)

1. A combined key and handle for a meter-box lid having a rotatable locking member provided at its outer end with an outwardly extending flange of polygonal shape spaced from the adjacent portion of the lid, said key having a flange-receiving socket of size and shape corresponding to said flange, the inner walls of said socket inwardly from the open socket-end being provided with relieved portions to permit rotation of said



key in an unlocking direction relative to said locking member and to limit such key-rotation to a position in which the open end of the socket will be out of registry with said flange.

2,107,835
GROUND ROD CONNECTER
Milo Fred Pierce, Aurora, Ill., assignor to Western United Gas and Electric Company, Aurora, Ill., a corporation of Illinois
Application July 31, 1935, Serial No. 34,056
2 Claims. (Cl. 173—31)

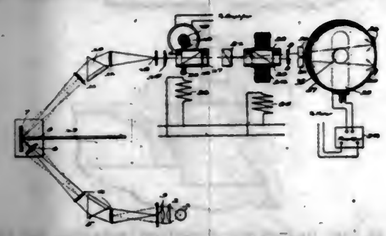


1. In a ground rod connecter of the class described, the combination of a ground rod and a conductor to be connected therewith adapted to be positioned in contact with and at one side of the ground rod, a closed band surrounding the ground rod and conductor and having intersecting apertures therethrough for said ground rod and conductor, said apertures having knife-edged ribs instanding from their walls, said band having a recess forming a tapered seat at the side of the ground rod opposite said conductor, and a removable tapered wedge member seated in said tapered seat and adapted to be driven between said seat and said ground rod to force said ribs to pierce the metal of the ground rod and conductor and become embedded therein.

2,107,836
SPECTROPHOTOMETER
Orrin Weston Pineo, Milo, Maine, assignor to The Calco Chemical Company, Inc., Bridgewater Township, Somerset County, N. J., a corporation of Delaware
Application February 24, 1936, Serial No. 65,489
5 Claims. (Cl. 88—14)

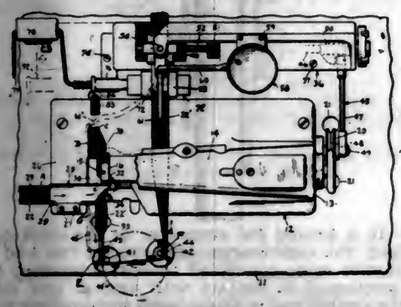
1. A photometric apparatus comprising a photoelectric device arranged to receive integrated light from a sample and a standard, an optical system arranged to control the light received by said device comprising in series an angularly movable polarizing member, a second

member having the property of dividing a light beam into two beams which are polarized respectively in planes at right angles to each other and a third member between the second member and the sample and standard capable of causing each



beam to flicker from a minimum to a maximum, the flickering of the two beams in opposite phase, and means by which the first polarizing member may be angularly adjusted in accordance with the output of the photoelectric device.

2,107,837
APPARATUS FOR FORMING TUBULAR ARTICLES
Willis C. Robbins, Wakefield, Mass., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y., a corporation of Delaware
Application June 13, 1934, Serial No. 730,378
6 Claims. (Cl. 112—63)



3. A tube sewing and turning apparatus comprising a sewing mechanism including a regular feeding means; an inlet channel member for directing a strip at an angle to the line of stitching; an outlet channel member for folding a strip, maintaining two edges of the folded strip in closely adjacent alignment and directing the two edges parallel with the line of stitching; a tube within said outlet channel member around which the strip is folded for stitching and through which the stitched tube is subsequently turned right side out; and a feed device associated with the sewing mechanism adapted to pull the stitched strip through the tube coordinately with the regular feed means of the sewing mechanism.

2,107,838
CONTINUOUS YARN
Maurice Albert Salombier, Jr., Pleasantville, N. Y.
Application May 1, 1935, Serial No. 19,143
12 Claims. (Cl. 117—52)

1. A continuous silk hosiery yarn for sheer leg portions of hosiery of the class described, said yarn being composed of a plurality of twisted natural silk strands of such length that during doubling and twisting breaks and run-outs in single strands will naturally occur, said strands



having individual knots at breaks or run-outs, said yarn having no knots common to all strands.

2,107,839
THERAPEUTIC DERIVATIVE OF THE GENUS LACTUCA AND PROCESS OF PREPARING SAME
Gerhard Schenck, Ludwigshafen-on-the-Rhine, Germany, assignor to E. Bilhuber, Inc., Jersey City, N. J., a corporation of New Jersey
No Drawing. Application August 5, 1937, Serial No. 157,323. In Germany June 22, 1936
9 Claims. (Cl. 87—28)

1. A process of the character described for producing a therapeutic agent from latex of the genus Lactuca which includes breaking the emulsion of the latex to form a solid component and a liquid component containing therapeutically active ingredients, separating the solid component from the liquid, and then removing water from the liquid component to concentrate said active ingredients.

2,107,840
ORNAMENT
Albert T. Sebek, Chicago, Ill.
Application April 2, 1937, Serial No. 134,836
5 Claims. (Cl. 41—10)

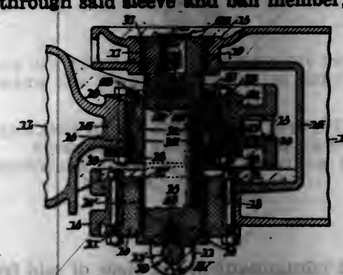


3. An ornamental device in the form of a handle member having a substantially bullet shaped extension and an ornament body having a socket formation conforming substantially to the outline of said extension and fitted over the same, together with pin means extended through said ornament and said handle member at a point adjacent the juncture of said handle and the edge or rim portions of said socket.

2,107,841
ARTICULATION JOINT FOR LOCOMOTIVES AND CARS
Leo J. Seider, Philadelphia, Pa., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa., a corporation of Pennsylvania
Application June 1, 1937, Serial No. 145,692
2 Claims. (Cl. 105—175)

1. In articulation joints for locomotive and railroad car frame units including interregistra-

ble end projections, means for coupling said units together comprising an axially-orificed ball member and bearing case blocks removably supported by a peripherally-flanged split ring secured to the end projection of one frame unit, spaced circumferential grooves in the ball member with intervening arcual grooves for lubricant distribution, a sleeve sustained by the end projection of the other frame unit, a pivot pin passing through said sleeve and ball member, means



included in the sleeve structure directly supporting the pivot pin against axial displacement, and said sleeve being of an external diameter such that, when the pivot pin and the sleeve are withdrawn and the split ring removed, the ball member and bearing case blocks may be released and downwardly withdrawn, or replaced, through the aperture afforded by the removal of said sleeve and split ring without disturbing the locomotive or car superstructure.

2,107,842
SASH CONSTRUCTION
Christian M. Verhagen, Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill., a corporation of Illinois
Application November 22, 1935, Serial No. 51,046
5 Claims. (Cl. 189—76)

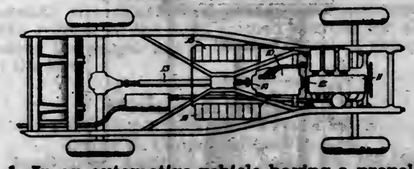


1. In sash construction, side rails consisting of thin sheet aluminum members and a bottom rail consisting of an extruded aluminum member which contains a longitudinally extending cross web, said bottom rail member being cut vertically at its ends to the full width of the sash, and said side rail members being welded at their lower ends to the upper edges of the bottom rail member above the cut ends of the latter, leaving the cut ends open for the reception and support of a locking bolt on the cross web.

2,107,843
METHOD FOR TREATING TOBACCO
Harry P. Wurman, Brooklyn, N. Y., and Rush D. Touton, Philadelphia, Pa., assignors to Wurton Machine Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application November 6, 1934, Serial No. 751,746
2 Claims. (Cl. 131—6)

8. The method of treating tobacco in the curing thereof, which comprises adjusting the moisture content of tobacco, heating the tobacco in a loose state to a temperature above normal atmospheric temperature, packing the tobacco in a mass before any substantial fermentation has occurred and permitting the mass to ferment.

2,107,844
POWER DEVELOPING UNIT FOR AUTOMOTIVE VEHICLES
John T. Abbott, Chicago, Ill.
Application February 24, 1937, Serial No. 127,480
9 Claims. (Cl. 290—17)



1. In an automotive vehicle having a propeller shaft, a power developing unit comprising a dynamoelectric machine connected with the propeller shaft of the vehicle and having a current feed, an internal combustion engine connected with the machine and having a fuel feed, batteries for supplying current to the machine, and a single acceleration correlating device connected with both the current feed to the machine and the fuel feed to the engine for accelerating and decelerating both the machine and the engine, said device being so constructed and arranged as to cause the machine to furnish at least the preponderance of the motive power used for starting the vehicle and the engine to furnish at least the preponderance of the motive power used for subsequent operation of the vehicle.

2,107,845
ASH RECEPTACLE
Carl Albert, Wuppertal-Barmen, Germany
Application January 12, 1937, Serial No. 120,274
In Germany March 7, 1935
11 Claims. (Cl. 206—19.5)

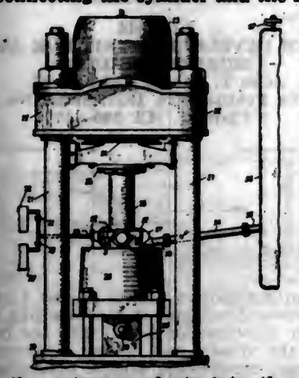


1. A withdrawable and insertable ash receiver, comprising an elongated hollow body with an opening near its top and being closed at its bottom, and having a longitudinal axis, said axis being curved in the shape of an arc of a circle, said receptacle embodying means to cause the same to move in an arcuate path during insertion and withdrawal.

2,107,846
METAL EXTRUSION PRESS AND METHOD OF OPERATION
Ralph W. Atkinson, Perth Amboy, N. J., assignor to General Cable Corporation, New York, N. Y., a corporation of New Jersey
Application December 18, 1933, Serial No. 702,872
11 Claims. (Cl. 207—9)

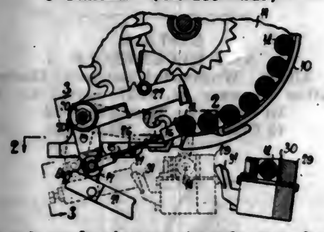
1. In apparatus for extruding metal sheaths on electrical cables the combination of a cylinder, a

die block having an opening for the passage of a cable therethrough connected to one end of said cylinder, a ram extending into the other end of said cylinder, means for causing relative movement between the cylinder and the ram, sealing means connecting the cylinder and the ram pre-



venting the entrance of air into the cylinder around the ram while permitting relative movement therebetween, and means for removing substantially all air and other gases from the space between the cylinder and the ram under the said sealing means.

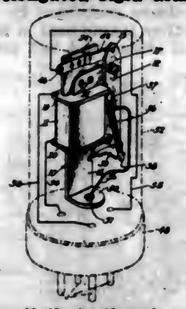
2,107,847
BOBBIN HOLDER
William H. Bahan, Greenville, S. C.
Application January 7, 1937, Serial No. 119,486
5 Claims. (Cl. 139—249)



1. In a loom having a rotary hopper for holding a plurality of filling carriers and having a lay for confining a shuttle and having a transfer mechanism including a transfer arm for transferring the lowermost filling carrier from the hopper to the shuttle upon exhaustion of the filling on the carrier in the shuttle, said transfer arm having a downwardly projecting arm integral therewith and being disposed at approximately right angles thereto, a member having one end pivotally connected to the lower end of said downwardly projecting member and having a member on the other end thereof for engaging the filling on the lowermost filling carrier and fixed means for slidingly supporting said latter member intermediate its ends.

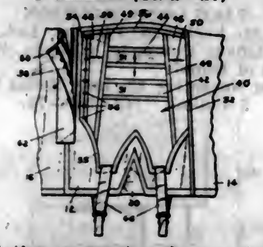
2,107,848
CIRCUIT CONTROLLING DEVICE
Edward L. Barrett, La Grange, Ill., assignor to Utah Radio Products Company, Chicago, Ill., a corporation of Illinois
Application November 14, 1936, Serial No. 110,875
12 Claims. (Cl. 200—87)

1. An electromagnetic relay comprising, in combination, a flat frame fashioned from a single piece of sheet metal and having a generally C-shaped portion including a central leg with laterally extending legs projecting from opposite ends thereof, an electromagnetic energizing winding disposed about said central leg, a pair of cooperating relatively movable contacts, means including an elongated rigid armature member



disposed substantially in the plane of said frame for effecting relative movement of said contacts in response to energization of said winding, and means for pivotally supporting one end of said armature on one of said laterally extending legs and with the other end thereof overlying the second laterally extending frame leg.

2,107,849
GIRDLE
Morris Biemenfeld, Brooklyn, N. Y.
Application July 3, 1937, Serial No. 151,786
1 Claim. (Cl. 2—27)



A foundation garment such as a girdle having a belt on the inside thereof in position to overlie the wearer's abdomen, said belt comprising a central portion which is elastic longitudinally and inelastic transversely, and side portions which are elastic transversely, one of said side portions being attached at its outer edge to the girdle, said side portions permitting the belt to be stretched and thereby tensioned when in position on the wearer, separable fasteners on said girdle and on the outer edge of said other side portion for releasably fastening the belt in said position, said girdle having separable portions adjacent said other side edge of the belt in the fastened position of the latter, and a slide operated fastener for releasably securing said separable portions together.

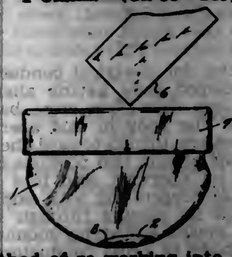
2,107,850
SERVICE APPARATUS
Clarence H. Beck, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application December 17, 1934, Serial No. 757,930
17 Claims. (Cl. 73—51)

1. A service apparatus comprising a hydraulic lift, hydraulically actuated brake testing units



on the lift, and common fluid pressure means for actuating the lift and brake testing units.

2,107,851
COLORING OF BUTTER SUBSTITUTE
Frederick E. Beeham, Toledo, Ohio
Application June 29, 1936, Serial No. 87,964
1 Claim. (Cl. 99—148)



The method of re-working into a butter substitute homogeneous spreadable solid with air comprising introducing a pre-molded body of the solid with a color ingredient and air into a flexible walled container for reception of said body in the form as introduced thereinto with enveloping air thereabout; working the solid away from such form by pressing and rolling action on the container walls in a direction away from the container opening in re-forming and re-shaping the solid; with simultaneous expelling of excess air from the container and thereafter expelling the re-worked, re-formed solid in the re-formed, press-effected shape given to it in the container.

2,107,852
SIZING FABRIC
Elmer K. Belten, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application August 17, 1934, Serial No. 740,296
13 Claims. (Cl. 91—68)

1. Process of sizing fabrics with water insoluble methyl cellulose which is dissolved by aqueous caustic soda at low temperatures approximating the freezing point but not dissolved by the same at ordinary temperature, which comprises impregnating a cotton fabric with a solution containing approximately 2.5% of said methyl cellulose containing approximately ½ methyl group per glucose unit, said solution also containing approximately 5% caustic soda, removing excess solution from the fabric and coagulating the methyl cellulose on the fabric by treatment with 10% acetic acid, and thereafter drying.

2,107,853
FLOOR RACK
George E. Coffey, Chicago, Ill., assignor to Harold S. Bunnell, Chicago, Ill.
Application July 10, 1936, Serial No. 90,918
9 Claims. (Cl. 20—78)

1. A slatted floor for cars or the like, comprising integrally formed metallic panels, each panel

having formed therein a plurality of upstanding riblike members having flat top walls lying in a uniform horizontal plane and constituting slats with intervening valleys, and stringers located



beneath the panels and extending transversely with respect to the slats formed therein for elevating the panels above the floor level of the car or the like.

2,107,854
VEHICLE BODY CONSTRUCTION
Irving B. Cooper, Allendale, N. J.
Application April 21, 1937, Serial No. 138,100
5 Claims. (Cl. 296—22)



1. The hereindescribed elongated vehicle body frame structure including elongated roof and floor frames, means at one long side of the frame structure to support the roof frame on the floor frame, columns arranged at the ends of the other long side of said frame structure and supporting the roof frame on the floor frame, and two series of spaced posts arranged between the transverse vertical mid-plane of said structure and the respective columns and supporting the roof frame on the floor frame and rigidly connected to each of them, said frame structure also including, wholly above the floor frame, downwardly converging rails forming a truss with the floor frame and with the posts which respectively next adjoin the columns and rigidly connected to such posts in a horizontal plane approximately midway between the floor and roof frames and with the floor frame at its mid-portion, each space between the posts being clear from post to post and from substantially said horizontal plane to the roof frame and the space between each column and the adjoining post being clear from column to post and substantially from floor to roof frame.

2,107,855
BABY CARRIAGE BED
Samuel Drexler, Brooklyn, N. Y., assignor to Meyer S. Harrison and Elias Specter, doing business under the firm name and style of Bilt-Rite Baby Carriage Co., Brooklyn, N. Y.
Application July 10, 1936, Serial No. 89,894
4 Claims. (Cl. 280—47)



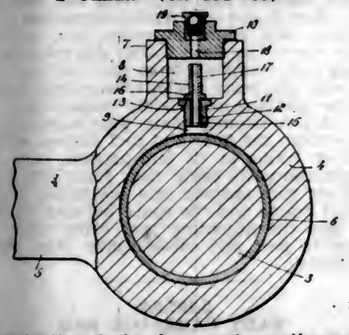
1. In a baby carriage a body having a bottom frame and supporting springs mounted at their lower ends thereon, a bed frame flexibly mounted

on the upper ends of said supporting springs and flexible means for guiding said bed frame permitting controlled side tilting and limited end tilting of said bed frame.

2,107,856
SALT OF ORTHO HYDROXY QUINOLINE
Joseph Ebert, Westmont, N. J., assignor to The Farastan Company, Philadelphia, Pa., a corporation of Pennsylvania
No Drawing. Application January 20, 1936, Serial No. 59,999
1 Claim. (Cl. 260—41)
Ortho hydroxy quinoline benzene sulfonate.

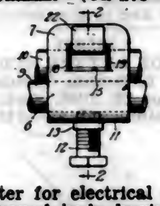
2,107,857
PROCESS FOR OXIDIZING PHOSPHORUS
Paul H. Emmett, Washington, D. C., assignor to Henry A. Wallace, Secretary of Agriculture of the United States of America
No Drawing. Application June 7, 1937, Serial No. 146,851
4 Claims. (Cl. 23—168)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)
2. The method of oxidizing the lower oxides of phosphorus, consisting of subjecting phosphate rock at a temperature of at least 900° C. to the action of a mixture of CO_2 and the oxides of phosphorus in which the concentration of CO_2 is greater than that stoichiometrically necessary for the oxidation of the lower oxides of phosphorus to pentavalent phosphorus.

2,107,858
LUBRICATING DEVICE
William H. Foster, Bayside, N. Y., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application April 7, 1936, Serial No. 73,117
1 Claim. (Cl. 184—69)



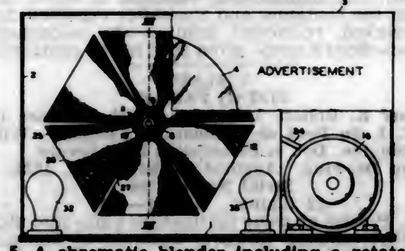
A lubricating device for a reciprocating engine part, comprising a capped lubricant cup and a passage leading to the point of lubricant application, in said passage a bushing having a cylindrical central passage and a horizontal valve seat surface upon its upper end, a valve pin extending within said bushing and having an upper and lower shank and a shoulder therebetween, the lower shank of the pin being cylindrical and fitting entirely within the central passage of the bushing closely enough to permit only substantially axial motion therein, the shoulder having a horizontal upper surface and a horizontal lower surface, said lower surface cooperating with the valve seat to form a closure, the upper shank extending vertically to a point adjacent the cup cap, a passage throughout the length of the valve pin, the vertical throw of said valve pin being limited by contact with said cup cap, the vertical throw of the pin, the external diameter of the shoulder and the annular lower-shank clearance being relatively proportioned to give a predetermined rate of lubricant discharge.

2,107,859
ELECTRICAL CONNECTER
William G. Fotsch, Chicago, Ill., assignor to Reliable Electric Co., Chicago, Ill., a corporation of Illinois
Application January 27, 1936, Serial No. 61,037
3 Claims. (Cl. 173—263)



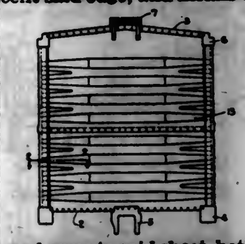
1. A connecter for electrical conductors comprising a U-shaped body having aligned apertures in the legs thereof, a cross bar slidable transversely of the body in said apertures and having end portions turned toward the free ends of said legs, one of said end portions being slidable through its aperture, and into the other aperture, means cooperating with said end portion to prevent its passing through said other aperture, and means adjustably mounted in the base of said body to press conductors between said legs against said cross bar, said cooperating means comprising projections at the opposite sides of said other aperture extending outwardly from the leg and toward each other.

2,107,860
CHROMATIC BLENDER
Reginald Gilbert, San Francisco, Calif.
Application February 8, 1937, Serial No. 124,717
5 Claims. (Cl. 40—130)



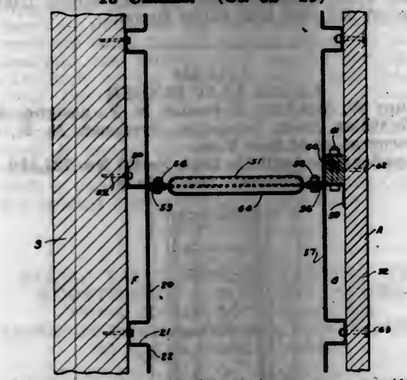
5. A chromatic blender including a rotatable wheel having studs projecting therefrom; conical members rotatable on said studs and having contrasting color bands on their curved surfaces; means for rotating said wheel at relatively high speed; and means for rotating said color members on said studs at relatively low speed.

2,107,861
CORRUGATED WALL FOR RAILWAY CARS
Garth G. Gilpin, Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company, a corporation of Delaware
Application November 4, 1936, Serial No. 109,674
4 Claims. (Cl. 105—410)
1. In a railway car, the combination of a car side wall, a metallic sheet formed with a plurality of substantially parallel corrugations extending to one edge of the sheet, an outer corner post and an inner corner post, each comprising two angularly disposed arms, certain of said arms attached to said side wall and the other arms thereof overlapping the inside and outside respectively of said sheet adjacent said edge, and means to secure the



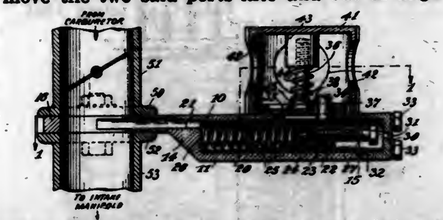
last mentioned arms to said sheet, both of said last mentioned arms conforming to the contour of the corrugated sheet, the arm which overlaps the inside of the sheet being longer than the arm which overlaps the outside of the sheet to form a backing for welding.

2,107,862
BUNKER FOR RAILWAY REFRIGERATOR CARS
Garth G. Gilpin, Riverside, Ill., assignor to Standard Railway Equipment Company, Chicago, Ill., a corporation of Delaware
Application February 5, 1934, Serial No. 709,778
Renewed August 3, 1937
13 Claims. (Cl. 62—19)



13. In a railway refrigerator car, a partition formed of a metallic plate extending normal to a wall of the car and secured to said car wall, a solid bulkhead secured to the outer margin of said partition, said bulkhead having openings therein adjacent the upper and lower portions thereof whereby air circulation may be established, an inner foraminous wall in spaced relation to said car wall and secured to the partition and an outer foraminous wall in spaced relation to said bulkhead and secured to the partition, said partition formed with integral corrugations to stiffen said portion between said foraminous walls.

2,107,863
GAS CONTROLLING DEVICE
Alphonse A. Heinzelmann, Rockville Centre, N. Y., assignor to Bludalk, Inc., New York, N. Y., a corporation of New York
Application February 15, 1937, Serial No. 125,789
9 Claims. (Cl. 137—152)
1. A gas controlling device comprising a casing; an air chamber within said casing opening outwardly therefrom; a vacuum chamber within said casing opening outwardly therefrom, said casing having a port opening outwardly from said air chamber; a revoluble valve abuttable upon said casing having a port therethrough and so positioned that the revolution of the valve will move the two said ports into and out of alignment with each other said elements being so positioned with respect to each other that a vacuum in said vacuum chamber will maintain said revoluble valve upon said casing during all periods of operation except when the said ports are in complete alignment; and vacuum movable means within the vacuum chamber, the movement of which will revolve said valve.



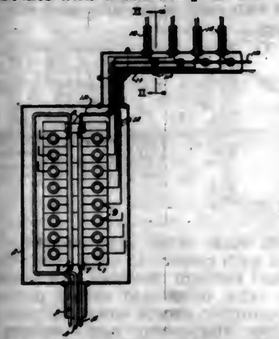
2,107,864
APPARATUS FOR TRAPPING DUST ARISING IN BORE HOLES
John Norman Hunter, Norbury, England, assignor to Pyrene Manufacturing Company, Newark, N. J., a corporation of Delaware
Application January 8, 1936, Serial No. 58,643
In Great Britain February 6, 1935
2 Claims. (Cl. 255—30)



1. An apparatus for trapping dust arising in bore holes, comprising a tube of resilient metal adapted to surround a drill shank and provided with a connection through which suction may be induced, the wall of said tube being gradually tapered throughout a substantial portion of its length to facilitate its partial entrance into a bore hole and slotted also throughout a substantial portion of its length to render it readily contractible under the impinging action exerted thereon by the wall of the bore hole as it enters the same, the slotted area of said wall being sufficiently long to serve as a passage through which air is drawn into the tube from the vicinity of the outer end of the bore hole under the action of induced suction within the tube during such time as the tapered end of the tube is partially disposed within the bore hole.

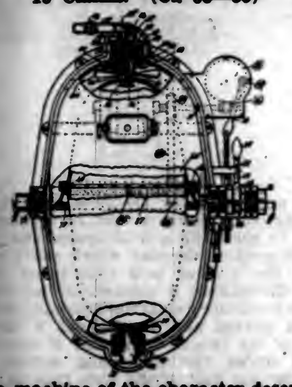
2,107,865
ELECTRICAL DISTRIBUTION SYSTEM
John G. Jackson, Detroit, Mich., assignor to Square D Company, Detroit, Mich., a corporation of Michigan
Application January 25, 1935, Serial No. 3,447
6 Claims. (Cl. 247—3)
4. In an electrical distribution system having a three wire source leading to a distribution center

and a wiring duct leading from said center, a plurality of branch circuit conductors connected to each side of said source at said distribution center and carried within said duct, the neutral conductor being common to at least some of said branch circuits and extended past said distribu-



tion center and through said duct, at least some of said branch circuit conductors being the sole individual wires to their circuits within the duct, the other wires for said at least some of said branch circuits entering said duct and connecting to the neutral conductor adjacent to the load they supply.

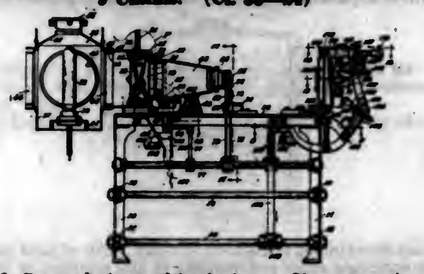
2,107,866
METHOD OF AND MEANS FOR CLEANING MATERIALS
Charles Calvert Lamb, Chicago, Ill.
Application September 6, 1932, Serial No. 631,869
15 Claims. (Cl. 68—38)



1. In a machine of the character described, an inner container, an outer casing surrounding said inner container, means for continuously oscillating said container and said casing in unison about a common axis, and means for rotating said container about an axis at right angles to said common axis.

18. A method of cleaning materials, comprising the steps of introducing materials into a perforated container, sealing said container, introducing a volatile fluid into said container, maintaining said fluid in a non-gaseous state during the cleaning process by continuously co-mingling the fluid and evolved gases, subsequently opening said container, removing the fluid from the materials and the container under centrifugal force by rotating the container, and eliminating odor and traces of said fluid from the materials.

2,107,867
PRINTING ENLARGING MACHINE
Alvin L. Mayer, Cincinnati, Ohio
Application July 23, 1935, Serial No. 32,687
9 Claims. (Cl. 88—24)



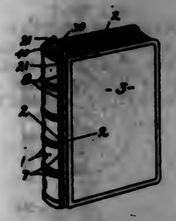
1. In a photographic device, a film support, a paper support, a projection lens associated with said film support to project the image from a film supported thereby onto a photographic paper supported by said paper support, a shutter for said lens, a projection screen normally disposed between said paper support and said lens, means for moving said screen from between said lens and paper support, means for moving paper supported by said paper support into the plane previously occupied by said screen and means interconnected with said screen and paper moving means for operating said shutter to expose said paper after the movement of said screen from between the lens and paper support.

2,107,868
LOOSE LEAF BINDER
Arthur W. McClure, Syracuse, N. Y., assignor to McMillan Book Company, Syracuse, N. Y., a corporation of New York
Application April 19, 1934, Serial No. 721,319
3 Claims. (Cl. 129—8)



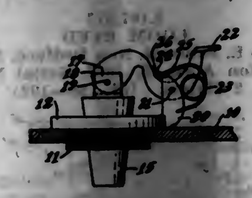
2. In a loose leaf binder, an extensible back member comprising a pair of superposed back sections mounted for movement relative to each other, coacting leaf-impaling elements associated with the back sections and adapted to secure leaves in the binder during the extension of said sections within certain limits, releasable cooperating means associated with the back sections adapted to limit the relative movement thereof, hinge means connecting the back sections and effective when said back sections are in fully extended position to permit said back sections and the elements connected therewith to swing into angular position, and one back section having slots therein adapted to cooperate with the other of said back sections for limiting the angular movement of the back sections relative to each other.

2,107,869
LOOSE LEAF BINDER
Arthur W. McClure, Syracuse, N. Y., assignor to McMillan Book Company, Syracuse, N. Y., a corporation of New York
Application April 19, 1934, Serial No. 721,320
2 Claims. (Cl. 129—24)



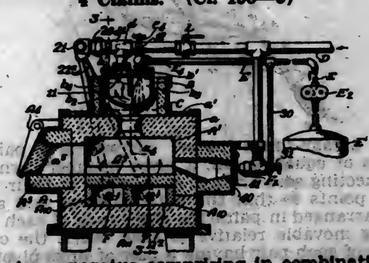
1. In a loose leaf binder, a binder covering comprising a back member and a pair of covers hinged with respect to the back member, a plurality of impaling posts for retaining a quantity of paper, said posts being connected at one end to the binder covering, means for releasably securing the other or free end of the posts to the binder covering including a housing secured to the binder covering having openings for receiving the free ends of the posts, a slide in the housing movable into and out of holding engagement with the posts, means secured to the back member and engageable with the rear and side edges of the sheets of paper as the back and corresponding cover are being moved toward a position to reassemble the binder, said means serving to straighten up the stack of paper and thereby bring the posts into approximate alinement, means secured to the binder covering for moving the posts into the openings in said housing as one cover is moved toward a closed position, and means automatically set into operation when the cover is closed for bringing the slide into operative holding engagement with the posts.

2,107,870
RELIEF VALVE FOR PREVENTING THE BURSTING OF LIQUID CONTAINERS
Vernon Merritt, Montgomery, Ala.
Application September 14, 1933, Serial No. 689,422
11 Claims. (Cl. 137—34.3)



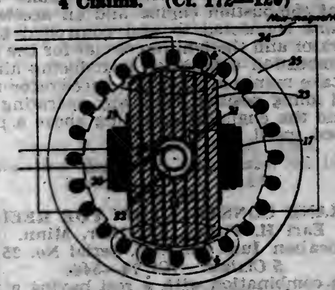
1. In combination, a liquid container, and a freeze plug mounted in the wall of said container and having a highly polished exterior surface of a material resistant to the establishment therewith of a frost bond, which surface is adapted to project into the liquid within the container beyond the zone of initial freezing thereof, and retaining means coacting with the container and plug to hold the latter seated against normal internal pressures and adapted to permit the expulsion of the plug from its seat to freely drain said container.

2,107,871
OIL BURNING FURNACE
John W. Nelsen, Chicago, Ill., assignor to Chicago Flexible Shaft Company, Chicago, Ill., a corporation of Illinois
Original application May 29, 1933, Serial No. 673,497. Divided and this application October 1, 1934, Serial No. 746,403
4 Claims. (Cl. 158—5)



1. An apparatus comprising in combination a heat-treatment chamber and a retort for developing gaseous fluid for heating the heat-treatment chamber, the retort consisting of a chamber having inlet and outlet connections respectively for passing into it liquid fuel and for delivering from it combustible gaseous fluid developed from the liquid fuel in its passage through the retort chamber, said chamber being otherwise sealed against entrance of the liquid fuel and discharge of the resulting gaseous fluid; a supply conduit leading from a source of liquid fuel to the retort chamber inlet; a discharge conduit connected to the retort chamber outlet; gas burner means positioned for heating the retort chamber and the heat-treatment chamber, the discharge conduit being connected to said gas burner means, and a conduit leading from a source of air under pressure connected with said discharge conduit for aerating the fluid supplied to the burner from the retort chamber outlet.

2,107,872
DYNAMO-ELECTRIC MACHINE
Robert Hayes Nisbet, Osterley, England, assignor to Sperry Gyroscope Company Inc., Brooklyn, N. Y., a company of New York
Application January 3, 1935, Serial No. 224
In Great Britain January 4, 1934
4 Claims. (Cl. 172—120)



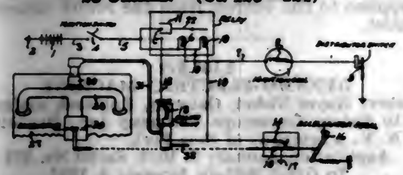
1. A dynamo electric machine for self-synchronous electric transmitting and receiving systems, comprising a rotor member and a stator member, the former of said members having an exciting winding and having strips of aluminum therein, said strips being disposed for interrupting the closed lines of leakage flux between said rotor and stator members.

2,107,873
GARMENT HANGER
Edward Okun, New York, N. Y.
Application April 16, 1936, Serial No. 74,612
3 Claims. (Cl. 223—94)



1. A lazy-tongs hanger comprising a pair of arms of equal length, a pivot member turnably connecting said arms to each other at their central points so that the outer ends of said arms are arranged in pairs, the outer ends of each pair being movable relative to each other, the outer ends of each pair having a pair of links pivotally connected thereto, each pair of links comprising a short link and a long link, the length of the long link being substantially equal to the length of an arm, the short link being pivotally connected to the long link at the central point of the long link, the extensions of the long links beyond the short links constituting the end-portions of the hanger and a hook turnably connected to said pivot member and turnable in a direction perpendicular to the direction of turning movement of said arms.

2,107,874
VALVE CONTROL APPARATUS
Edward G. Parvin, Roselle, N. J., assignor to National Pneumatic Company, Rahway, N. J., a corporation of West Virginia
Application February 4, 1937, Serial No. 123,974
23 Claims. (Cl. 123—124)



1. The combination with the intake of an internal combustion engine and an accelerator, of means connected to and controlled by the accelerator and the ignition circuit for the internal combustion engine for introducing air into the intake manifold when the accelerator moves toward idling position from any operating position and the engine is operating above a predetermined speed.

2,107,875
CRANK CONSTRUCTION FOR REELS
Earl H. Pitney, Excelsior, Minn.
Application June 10, 1935, Serial No. 25,777
5 Claims. (Cl. 74—546)

1. In combination with a reel having a winding spool upon which a flexible element may be wound and having a winding shaft, crank construction comprising a head connected with the outer end of said winding shaft, a crank arm pivoted to said head on an axis eccentric to the axis of said shaft, a handle adjacent the free end of said crank arm, means for limiting the inward swinging movement of said crank arm relatively to said head and spring means for urging said crank arm toward its limit of inward swinging movement and for yieldably resisting outward movement of said crank arm when a strain or pull is imposed on said wound flexible



element, said last mentioned means normally holding said crank arm in its extreme inward position closely adjacent a straight line passing through said crank arm pivot and the axis of said shaft.

2,107,876
FOAM WIPER
Herman G. Richter and Herbert J. Richter, Sacramento, Calif.
Application August 2, 1937, Serial No. 156,978
11 Claims. (Cl. 225—8)



1. A foam wiper adapted for use with a drink dispensing faucet, said wiper comprising a support adapted to be mounted adjacent a faucet, a movable glass engaging element mounted in connection with the support, a foam wiping blade mounted on the support for movement across the top of the glass engaging the element, and means between the element and blade to so move the latter upon movement of said element.

2,107,877
LOOM REED
Hugo E. Schmidt, New Bedford, Mass.
Application April 28, 1937, Serial No. 139,396
2 Claims. (Cl. 139—192)



1. A loom reed comprising spaced end bars, a plurality of pairs of strips on the opposite faces of said end bars and fixedly positioned at the ends of said bars, a helical spring positioned around each pair of said strips, wire dents extended parallel to said end bars and having their ends engaging between the coils of said spring,

and binding material engaged on the outer spring and half of the next adjoining spring for forming a rigid unit of said loom reed, said inner springs being free from binding material, and half the width of said adjacent spring being free from said binding material.

2,107,878
SAFETY BUCKLE
Siegmund Strauss, Vienna, Austria
Application March 17, 1937, Serial No. 131,278
In Austria April 6, 1935
7 Claims. (Cl. 24—178)



1. A buckle comprising a frame, a rest forming part of said frame, a tongue adapted to engage a strap and to bear upon said rest, said tongue forming part of a strip passing with clearance through a slot in a plate of said frame opposite to said rest, a retaining element on said tongue, resilient means arranged between said frame and said retaining element on said tongue and cam means rotatably attached to said strip outside of said frame and adapted to compress said resilient means.

2,107,879
PENCIL
Jack Tanis, New York, N. Y.
Application December 18, 1936, Serial No. 116,467
3 Claims. (Cl. 120—18)



1. A propelling pencil of the screw type comprising an outer casing consisting of a main body portion and a cap portion, a propelling mechanism within the main body portion, including a spirally slotted actuator, the propelling mechanism being fixedly held but the actuator capable of a rotary movement with relation thereto, a sliding non-rotary connection between the cap portion and the spirally slotted actuator, means to limit the sliding movement of the cap portion, and means to lock the cap and main body portion against relative turning movement when the cap portion is in its retracted position and in engagement with the upper end of the main body portion.

2,107,880
PORTABLE SEAT
Frank A. Wilsdorf, St. Louis, Mo., assignor to Nu-Line Manufacturing Company, Incorporated, St. Louis, Mo., a corporation of Missouri
Application June 21, 1934, Serial No. 731,721
2 Claims. (Cl. 155—133)



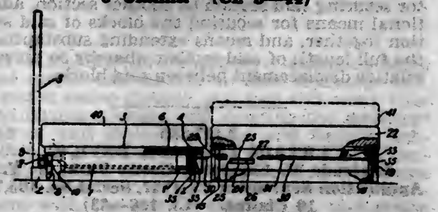
2. A folding seat as set forth, comprising a seat member constructed of stiff flexible material, a back member, said back member being constructed of flexible material sufficiently stiff to normally stand on one edge means for hingedly securing the members together and a flexible bracing means for holding the seat member and the back member in open position, said bracing means comprising a pair of flexible members disposed one on each side of the seat member and extending through the back member one adjacent each side and adjacent the upper end thereof, and a flexible connecting member connecting the upper ends of the flexible bracing members together and engaging against the rear side of the back member whereby to prevent undue bending of the back member.

2,107,881
COUPLING FOR COMBINED MOTOR CARS AND TRAILERS
Osmer Gray Beardsley, South Bend, Ind.
Application March 3, 1937, Serial No. 128,737
4 Claims. (Cl. 280—33)



1. In combination, a motor car and a trailer, having a door opening in their meeting ends, and a coupling surrounding and enclosing the door openings, said coupling comprising two members mounted for pivotal movement about independent axes at right angles to each other and connected to each other for swiveling movement about a horizontal axis.

2,107,882
COUCH
Percy P. Bebry, Brookline, Mass.
Application March 22, 1935, Serial No. 12,494
8 Claims. (Cl. 5—44)



1. A convertible couch comprising a stationary section and a movable section, a back rest pivot-

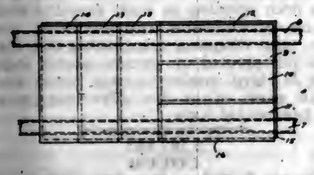
ally mounted on said stationary section and latching mechanism for latching the two sections to each other in telescopic relation, one component of said latching mechanism being mounted on the back rest and pivoted on the stationary section, the other component of the latching mechanism being mounted on the movable section.

2,107,883
HYDRAULIC WEIGHING SCALE
Elek K. Benedek, Bucyrus, Ohio
Application February 7, 1936, Serial No. 62,826
11 Claims. (Cl. 265—47)



1. The combination with a fluid pressure scale including a fluid cylinder having fluid therein, a load sustaining piston reciprocable therein and supported by the fluid, and a fluid pressure operated gauge operatively connected with the cylinder, of variable delivery rotary pump means and continuously driven during the weighing operation and operative to pump into the cylinder, continuously during the weighing operation, replacement fluid equal in volume to the slip fluid and at the fluid pressure in the cylinder under changing load conditions, and including means operated by the fluid pressure in the cylinder to adjust the stroke of the pump means.

2,107,884
BLOCK FLOOR SECTION
Bailey Peyton Brien, Chattanooga, Tenn.
Application January 21, 1936, Serial No. 60,087
6 Claims. (Cl. 20—75)



1. A block floor including a section, said section comprising a plurality of alined blocks, means for securing said section to another section, additional means for securing the blocks of said section together, and means extending substantially the full length of said section whereby to prevent relative displacement between said blocks.

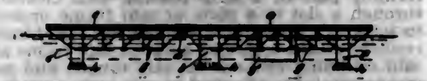
2,107,885
CURTAIN TIE-BACK DEVICE
Gertrude M. Caggiano, Ozone Park, N. Y.
Application September 25, 1937, Serial No. 165,725
10 Claims. (Cl. 156—33)

1. A curtain tie-back device comprising in combination, a supporting bracket, a pin member adapted to pierce the curtain to be tied back and releasable interengaging means on said



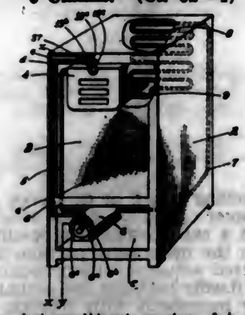
bracket and pin member for securing the same together.

2,107,886
FLOATING STATION
Frederick George Creed, Addiscombe, Croydon, England
Application March 14, 1935, Serial No. 10,980
In Great Britain March 15, 1934
3 Claims. (Cl. 114—42.5)



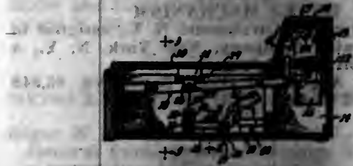
1. A floating structure for landing airplanes at sea comprising three cylindrical floats triangularly disposed and a substantially rigid platform carried by said floats, each of said floats being disposed with its axis substantially vertical and extending from a point above the water to such depth that its bottom surface lies at such a depth as to be in substantially placid deep water in all conditions of the sea, each of said floats being of uniform cross section over its entire immersed depth and said three floats constituting the variable buoyancy support of said platform.

2,107,887
REFRIGERATING SYSTEM
Ransom W. Davenport, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y., a corporation of New Jersey
Application December 30, 1936, Serial No. 505,483
6 Claims. (Cl. 62—4)



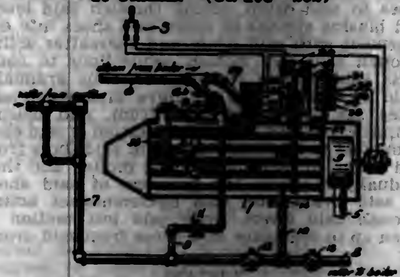
1. In an intermittent motor-driven compression refrigerating system utilizing a refrigerant and a lubricant mutually soluble in all proportions and having a body of said lubricant in a sump in said compressor for lubricating the latter, heating means for said body of lubricant, and means for alternately operating said heating means and the motor.

2,107,888
ILLUMINATING DEVICE FOR BATHROOM SCALES
Irving Dean, Rockaway Beach, N. Y.
Application January 8, 1937, Serial No. 119,597
1 Claim. (Cl. 240—2.11)



In a device of the class described having a beam adapted to swing downward and a dial adapted to be rotated proportionately to the amount of downward swing of said beam, an electric lamp mounted adjacent said dial, a source of electric supply, a switch connected in series with said lamp and said source, said switch comprising a pair of contact fingers, a pin on said beam having a cord secured at one end thereto, a vertical tube mounted beneath said cord and having a horizontal opening therein, said fingers projecting into said tube through said opening, a weighted ball suspended on the lower end of said cord, said cord being taut when the beam is in its extreme elevated position, descent of said beam through a relatively short distance causing the weight of said ball to force said fingers together to close said switch, continued descent of said beam causing slackening of said cord to maintain closure of said switch.

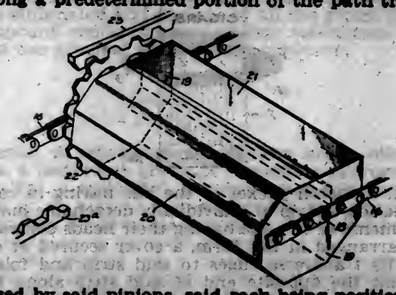
2,107,889
VACUUM PUMP
John M. Dougherty, St. Louis, Mo.
Application June 26, 1935, Serial No. 28,465
10 Claims. (Cl. 103—262)



1. In a structure of the class described, a condensing tank, means for admitting water to said tank and for discharging water therefrom, a valve for admitting steam to said tank, a thermostat constructed and arranged for contact by the air, steam, and water in said tank, and an electromagnet and spring mechanism controlled by said thermostat to open said valve when said thermostat is cooled and to close said valve when said thermostat is heated, a float, operable by the water in said tank, and means actuated by said float when the water in said tank reaches an abnormally high level, to admit steam to said tank independently of said thermostat.

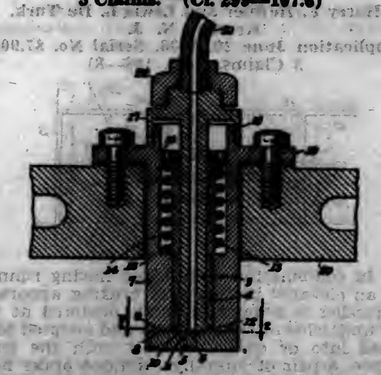
2,107,890
CONVEYER AND ROTARY DRUM THEREFOR
William A. Frank, Jersey City, N. J.
Application September 30, 1936, Serial No. 103,238
7 Claims. (Cl. 214—17)

1. A conveyer arrangement comprising endless parallel chains, a plurality of drums rotatably mounted between and carried at spaced intervals by said chains each drum comprising head plates and side plates arranged at angles to each other to form a spiral in transverse section, the ends of the sides overlapping to form a longitudinal opening so as to permit the contents to remain within the drum when the latter is rotated in one direction and to cause the contents to be discharged through the opening when the drum is rotated in a reverse direction, a pinion attached to each drum, a stationary rack arranged along a predetermined portion of the path trav-



ersed by said pinions, said rack being positioned on one side of said path to be engaged by said pinions, when they pass said portion of the path, thereby rotating the pinions and drums in said first mentioned direction without discharge of the contents, and a second stationary rack arranged along a subsequent portion of the path of the pinions and being positioned on the opposite side of said path to be engaged by said pinions as they reach such subsequent portion of the path, whereupon the rotation of the drums is reversed for the discharge of the contents.

2,107,891
FUEL INJECTOR
George A. Gillen, New York, N. Y.
Application October 7, 1936, Serial No. 104,417
5 Claims. (Cl. 299—107.6)



1. A fuel injector comprising a stationary liquid fuel supply tube having an open discharge end, a piston sleeve slidable over said stationary tube and having a closed end covering the discharge end of said stationary tube and thereby subjected to pressure of liquid in said tube, a stationary casing about said piston sleeve, a flange at the closed end of said piston sleeve for abutment with the end of said casing, said piston sleeve having a port or ports back of said flange and closed at opposite ends by said supply tube

and surrounding casing when said piston sleeve is retracted against the end of the casing and means for holding said piston sleeve retracted against pressure of liquid in said supply tube.

2,107,292
ADVERTISING NOVELTY
Meyer Gold, Minneapolis, Minn.
Application May 29, 1937, Serial No. 145,537
2 Claims. (Cl. 206—29)



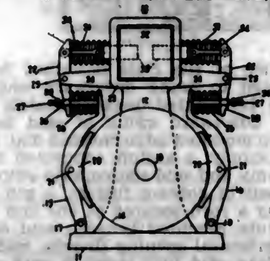
1. A match packet or the like having in combination a strip of individually detachable match elements or the like having their heads compactly arranged in flat form, a cover secured at one of its transverse edges to said strip and folded about the opposite end of said strip along two parallel transverse lines, said cover having its other transverse edge free for detachable connection with a portion of said packet adjacent the base of said strip to close the packet, said cover having wing portions disposed adjacent said transverse folding lines and extensible from the longitudinal edges of said cover, said wing portions each being folded inwardly along outwardly diverging lines extending respectively from said transverse folding lines to one of the longitudinal edges of said cover, whereby when said cover is opened, said wing portions will be swung outwardly and when said cover is closed, said wing portions will be swung inwardly beneath said cover and disposed at the side edges of said strip.

2,107,293
SLED BRAKE
Harry F. Heffner and Lewis L. De Turk, Kearny, N. J.
Application June 29, 1936, Serial No. 87,900
3 Claims. (Cl. 188—8)



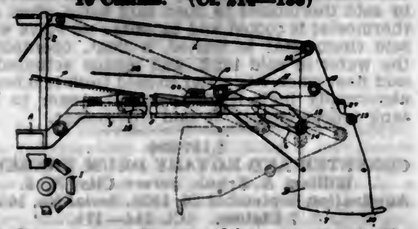
1. In combination with a sled having runners and an elevated platform, of braking apparatus comprising a gripper movably mounted at the rear underside of the platform and adapted to be moved into or out of contact with the track surface, a pair of laterally extended brake handles, said handles being crossed at a common pivot connection whereby they are operatively attached to the platform to form operating levers, a U-shaped rod pivotally associated with the gripper, the legs of said U-shaped rod extending forward for connection to the operating levers so that movement of the handles in a rearward direction exerts a forward pull on the U-shaped rod to move the gripper into engagement with the track surface, and coil springs connected between the inner ends of the operating levers and the platform for normally urging the connecting rod to a brake release rearward position whereby the gripper is moved out of contact with the track surface.

2,107,294
BRAKE MECHANISM
Frederick Hymans, Larchmont, N. Y., assignor to Otis Elevator Company, New York, N. Y., a corporation of New Jersey
Application August 14, 1936, Serial No. 95,949
2 Claims. (Cl. 188—171)



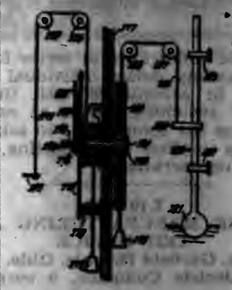
1. In combination; a brake drum; a pair of oppositely disposed brake shoes for engaging said drum; an operating lever for each shoe; a compression spring for each lever for operating such lever to apply the shoe for which the lever is provided to said drum; a lost motion connection between each lever and said operating spring for that lever; an additional compression spring for each lever for biasing said lever in a direction to take up said lost motion; an electromagnet; and means operable by said electromagnet for operating said levers against the force of said operating springs to release said shoes from said drum, said operating springs, in applying said shoes to said drum, acting through said levers and biasing springs to move said shoes into engagement with said drum and thereafter acting through said lost motion connections to compress said biasing springs and thus gradually build up to full value the force with which said shoes are applied to said drum, said biasing springs expanding, upon energization of said electromagnet to effect the release of said shoes from said drum, to take up said lost motion and thus gradually decrease the pressure of said shoes on said drum, and said electromagnet acting through said levers when said lost motion is taken up to disengage said shoes from said drum.

2,107,295
EXCAVATOR
Hans Lundstrom, St. Louis, Mo., assignor of two-thirds to Ida Lundstrom, and one-third to Joseph Magidson and Phelix B. Magidson, all of St. Louis, Mo.
Application June 15, 1936, Serial No. 85,284
10 Claims. (Cl. 214—138)



1. In an excavating machine, a pair of relatively movable boom members, a reversible dipper, a link having one end pivoted to the end of one of said boom members and the other end pivoted detachably to said dipper, and means for pivotally connecting the adjacent end of the other boom member selectively to said dipper at a pair of spaced points beneath the pivoting point of the dipper and link, whereby said dipper may be reversed to dig either forwardly or backwardly.

2,107,296
METAL EXTRUSION PRESS AND METHOD OF OPERATION
Edgar W. MacKnight, Bayonne, N. J., assignor to General Cable Corporation, New York, N. Y., a corporation of New Jersey
Application December 19, 1933, Serial No. 703,057
23 Claims. (Cl. 207—2)



1. In apparatus for extruding solidified metal the combination of a cylinder, a die block connected to one end of said cylinder, said die block having a transverse die opening therein, a ram having an opening extending longitudinally therethrough, said ram extending into the other end of said cylinder, sealing means between the cylinder and the ram preventing the entrance of air into the cylinder around the ram while permitting relative movement therebetween, means for charging the cylinder with molten metal through the longitudinal opening in the ram, and means for causing relative movement between the cylinder and the ram to extrude the metal from the cylinder after it has solidified.

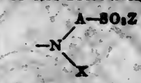
2,107,297
FAN
Kenton D. McMahan, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application July 24, 1935, Serial No. 32,850
7 Claims. (Cl. 230—127)



1. A centrifugal fan comprising a plurality of fan blades mounted in parallel relation about a common axis, means to drive said fan blades, and a scroll having an inlet opening and an outlet opening, the width of said scroll being approximately equal to 1.6 times the effective length of said fan blades.

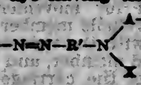
2,107,298
AZO COMPOUNDS AND PROCESS FOR DYEING THEREWITH
James G. McNally and Joseph B. Dickey, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application May 6, 1936, Serial No. 78,170
14 Claims. (Cl. 8—5)

1. A compound consisting of a nuclear non-sulfonated aryl nucleus linked to a second nuclear non-sulfonated aryl nucleus by an azo group, the compound containing as a nuclear substituent at least one group of the following structure:



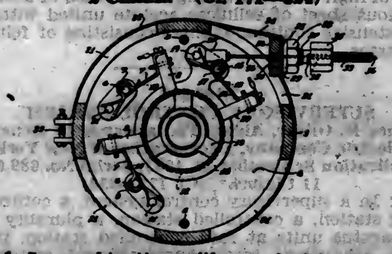
wherein A represents an alkylene group other than a methylene group, X represents hydrogen, an alkyl, a cycloalkyl, a nuclear non-sulfonated aryl or a nuclear non-sulfonated heterocyclic group and Z represents hydrogen, an alkali-forming metal or an ammonium radical.

4. The process of coloring cellulose acetate which comprises effecting coloration by applying thereto an azo dye having the general formula:



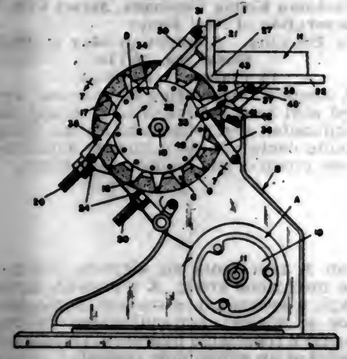
wherein R and R' represent nuclear non-sulfonated aryl nuclei, A represents an alkylene group other than methylene, X represents hydrogen, an alkyl group, a cycloalkyl group, a nuclear non-sulfonated heterocyclic group or a nuclear non-sulfonated aryl group and Z represents hydrogen, an alkali-forming metal or an ammonium radical.

2,107,299
MANUAL CONTROL FOR AUTOMOBILE GENERATORS
Otto Mueller, Dearborn, Mich.
Application June 6, 1935, Serial No. 25,278
2 Claims. (Cl. 171—324)



1. In combination with an electric generator comprising a housing having an opening and a brush support swingable about an axis, means for imparting swinging movement to said brush support, said means comprising a member having means for clamping the same on said housing, a Bowden wire comprised of a flexible sheath and a flexible element slidable therein, means on said member permanently securing the end of the sheath thereto with the flexible element projecting through the opening in said housing tangent to the arc of swinging movement of said brush support, and means on the end of said flexible element connecting the same to said brush support.

2,107,900
TAPE APPLYING DEVICE
Charles S. Munro, Detroit, Mich.
Application September 23, 1936, Serial No. 102,059
13 Claims. (Cl. 216—33)



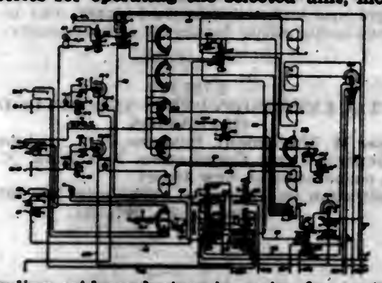
1. In apparatus for securing separable parts together, a revoluble member carrying a length of tape, a carriage for the parts to be secured together mounted for movement toward and away from the revoluble member to respectively engage the parts with the tape and to withdraw the same from said member, and means effective upon movement of the carriage in a direction away from the revoluble member to advance the latter.

2,107,901
ELECTRICAL INSULATION MATERIAL
Carl F. Obermaier, York, Pa., assignor to General Electric Company, a corporation of New York
Original application November 20, 1931, Serial No. 576,422. Divided and this application February 20, 1936, Serial No. 64,856
3 Claims. (Cl. 154—2.6)

1. A unitary flexible electrical insulation material of high dielectric strength composed of a continuous sheet of cellulose acetate united with a coextensive continuous sheet consisting of felted asbestos.

2,107,902
SUPERVISORY CONTROL SYSTEM
James H. Oliver, Aldan, Pa., assignor to General Electric Company, a corporation of New York
Application September 12, 1933, Serial No. 689,087
11 Claims. (Cl. 177—353)

4. In a supervisory control system, a controlling station, a controlled station, a plurality of apparatus units at said controlled station, two line conductors interconnecting said stations, control devices at said controlling station individual to said units, signalling devices at said controlling station individual to said units, means responsive to a predetermined operation of any of said control devices for effecting the transmission through said conductors in series of a predetermined number of impulses of different character permutated individual to the operated control device, selective means at said controlled station responsive to said impulses for selecting one of said units, means responsive to the selection of a unit for effecting the transmission through said conductors in series of a predetermined number of impulses of different character permutated individual to the selected unit, selective means at said controlling station responsive to said last mentioned impulses for selecting the signalling devices individual to the selected unit, means including said conductors in series for operating the selected unit, means



including said conductors in series for controlling the signalling device individual to the selected unit in accordance with the position thereof, and switching means at each station for controlling the connections to said line conductors so as to effect said selecting, operating, and controlling operations.

2,107,903
METHOD OF MANUFACTURING AN ELECTRIC DEVICE
Lee R. Peters, Garfield Heights, Ohio, assignor to General Electric Company, a corporation of New York
Application January 3, 1934, Serial No. 705,067
2 Claims. (Cl. 29—155.5)



1. The method of mounting an electric energy translation element on a pair of leading-in wires which consists in clamping a portion of the translation element between a pair of jaws with the ends thereof extending from opposite sides of one of said jaws and then pressing and molding a portion of a leading-in wire against each side of said jaw and around the translation element end extending therefrom to embed said ends of the translation element in the leading-in wires.

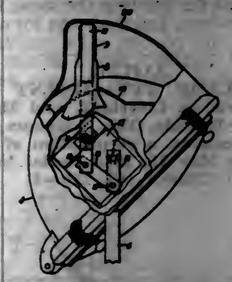
2,107,904
PROCESS OF SEPARATING NITRILE-HYDROCARBON MIXTURES
William O. Peel, Chicago, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application September 14, 1936, Serial No. 100,763
15 Claims. (Cl. 260—99.20)

1. The process of separating liquid mixtures composed of aliphatic nitriles and liquid aliphatic hydrocarbons which comprises subjecting said liquid mixture to the action of a solid adsorbent having the property of preferentially adsorbing the nitriles from the liquid mixture, and then recovering the adsorbed nitriles from said adsorbent.

2,107,905
CHLORINATED ARALKYL KETONES
Anderson W. Ralston and Carl W. Christensen, Chicago, Ill., assignors to Armour and Company, Chicago, Ill., a corporation of Illinois
No Drawing. Application March 9, 1937, Serial No. 129,944
7 Claims. (Cl. 260—131)

1. Chlorinated ketones of the general structure R—CO—R' wherein R is an aryl radical chosen from the group consisting of phenyl, tolyl and xylyl, and R' a heptadecyl radical containing a chlorine substituent.

2,107,906
LAMP SUPPORT FOR PROJECTORS
Stephen C. Rogers, Lynn, Mass., assignor to General Electric Company, a corporation of New York
Application March 25, 1936, Serial No. 70,768
4 Claims. (Cl. 240—41)



1. In a light projector, the combination of a housing, a yoke support for said housing provided with pivot pins about which said housing is arranged to move, a reflector in said housing, a lamp, a support for said lamp arranged between said reflector and housing and pivoted upon the wall of said housing, a connection between said lamp support and said pivot pins comprising an arm rigidly attached to one of said pivot pins, a connecting link pivotally connected to said bracket and said lamp support, the distance between the connecting link pivots being equal to the distance between the yoke pivot and the lamp support pivot and the connecting link being parallel to a line drawn between the housing pivot and the lamp support pivot whereby the lamp support is maintained in a predetermined position relatively to said yoke irrespective of the movement of said housing about its pivots.

2,107,907
RECOVERY AND CONVERSION OF THE SULPHUR CONTENT OF INDUSTRIAL GASES
Ludwig Rosenstein, San Francisco, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware
No Drawing. Application July 21, 1934, Serial No. 736,271
8 Claims. (Cl. 23—225)

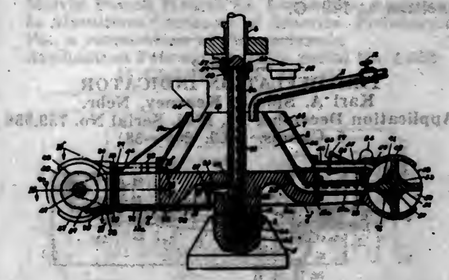
1. A process of utilising the hydrogen sulphide in gases which comprises contacting said gases containing hydrogen sulphide with an aqueous solution containing K_3PO_4, evolving substantially all of the hydrogen sulphide from said solution in a substantially pure state, burning the separated hydrogen sulphide with a limited amount of air to form molten sulphur, separating the molten sulphur from water formed in the reaction and residual gases, separating the sulphur compounds in the residual gases by passing the same through an aqueous solution containing K_3PO_4, and withdrawing the remaining gases composed largely of nitrogen.

2,107,908
IMMERSION STARTER FOR POOL-TYPE DISCHARGE DEVICES
Emil Rupp, Berlin-Frohnau, Germany, assignor to General Electric Company, a corporation of New York
Application October 31, 1935, Serial No. 47,694
In Germany November 8, 1934
2 Claims. (Cl. 250—27.5)



1. In an electric discharge device, an anode, a mercury pool cathode and a starting electrode supported in cooperative relation with said cathode, said electrode comprising an exposed conductive portion above said mercury pool and a depending portion projecting below the surface of the pool during the normal operation of the device, said last-named portion consisting of an insulating sheath and a core of a semi-conducting material having a specific resistivity between about 100 and 100,000 times that of mercury, the core being substantially enclosed by the sheath and being exposed to the mercury only below the surface thereof.

2,107,909
CENTRIFUGE
John Schaaf, Buffalo, N. Y.
Application January 30, 1935, Serial No. 4,107
11 Claims. (Cl. 210—73)



8. A centrifuge including a body, a liquid mixture chamber on said body, a housing mounted adjacent said body, a bucket rotatably mounted in said housing, means to form multiple chambers in said bucket, a screen in each of said bucket chambers, passage means connecting said body chamber and said bucket, means to form a discharge opening in said housing opposite said passage means, means to rotate said body, means to rotate said bucket from the rotation of said body and bring each of its chambers in succession first into communication with said body chamber to receive mixture from said mixture chamber and then into communication with said housing discharge opening to discharge the solids from said mixture.

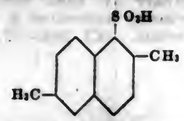
2,107,910

2,6-DIMETHYLNAPHTHALENE-1-SULPHONIC ACID AND A PROCESS OF PREPARING IT

Willy Schumacher, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application July 6, 1936, Serial No. 89,249. In Germany July 4, 1935
2 Claims. (Cl. 260—159)

2. The 2,6-dimethylnaphthalene-1-sulphonic acid of the following formula:



forming a sulphochloride which melts at 116° C. to 117° C., and a sulphamide which melts at 124° C. to 125° C.

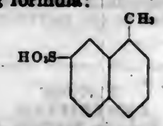
2,107,911

PROCESS OF PREPARING 1-METHYL NAPHTHALENE-7-SULPHONIC ACID AND 1-METHYL-7-HYDROXYNAHPTHALENE

Adolf Sieglitz, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application July 6, 1936, Serial No. 89,251. In Germany July 6, 1935
3 Claims. (Cl. 260—154)

3. The 1-methylnaphthalene-7-sulphonic acid of the following formula:



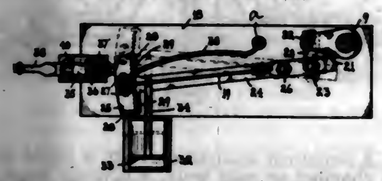
being a colorless crystalline compound which yields a sulphochloride melting at 107° C., a sulphamide melting at 131° C. and a sulphanilide melting at 149° C.

2,107,912

TIRE DEFLATION INDICATOR

Karl A. Spieth, Kearney, Nebr.

Application December 31, 1934, Serial No. 759,956
5 Claims. (Cl. 200—58)



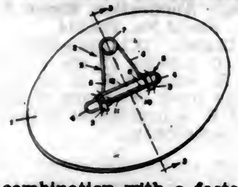
1. In a tire deflation indicator, the combination with the front and rear axles of a vehicle, a housing, an arm swingably mounted on the housing and provided with a head-piece, a spring controlled plunger-clamp normally engaging said head-piece and under control for disengagement therefrom, an electrically energized contact-piece on said head-piece, a rock-arm secured to the housing and movable with one axle, a second rock-arm pivotally mounted on the housing and movable with the other axle, and an electrically energized contact-finger movable with the second rock-arm adapted to engage said electrical contact-piece.

2,107,913

FASTENING DEVICE

Florence M. Stader, Plymouth, Mich.

Application April 6, 1936, Serial No. 72,996
10 Claims. (Cl. 24—103)



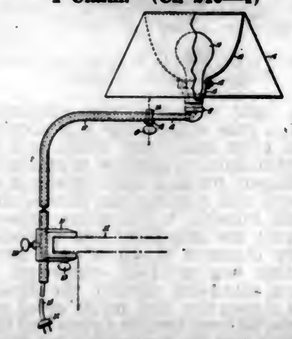
1. The combination with a fastening element having spaced attachment members at one side thereof, of a fastener formed of a continuous length of wire having U-shaped portions insertable into and extending within said attachment members and an intermediate resilient portion for urging said U-shaped portions away from each other and for holding the same in said attachment members, and a portion for attachment to an article.

2,107,914

ELECTRIC LAMP ATTACHMENT FIXTURE

Albert H. Stricker, Cleveland, and Marshall W. Ulf, Shaker Heights, Ohio, assignors to General Electric Company, a corporation of New York

Application May 29, 1935, Serial No. 24,034
1 Claim. (Cl. 240—4)



A lighting fixture for attachment to tables and like devices comprising a clamp adapted to engage the edge of the top of said table or other device, a hollow bent tube supported in said clamp and comprising a vertically extending portion and a horizontally extending portion, said tube being mounted in said clamp so as to allow rotation of said tube and movement of said horizontal portion in a horizontal plane, a rigid tubular extension adjustably carried by said horizontal portion, an illumination device comprising a socket rigidly secured to the end of said extension and adapted to hold an incandescent lamp vertically with the base downward, a diffusing shade surrounding said lamp and a reflector surrounding said shade and adapted to direct the light downwardly, said shade and reflector being located above said extension, and electric conductors extending through said tube and extension to said socket.

2,107,915

CONDUIT MOLDING

Armen H. Tashjian, Cleveland Heights, Ohio

Application March 20, 1935, Serial No. 12,034
11 Claims. (Cl. 247—3)

1. A molding comprising a body portion, the terminal edges of which form a continuous longitudinal opening, said opening being of a width less than the width of an outlet receptacle or the like to be inserted therein in an amount equal to the height of a relatively thin flange on one of said terminal edges, said thin flange being



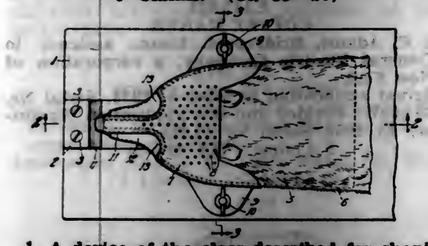
adapted to be removed by cutting or filing for a distance equal to the length of said receptacle whereby the resultant spaced ends of said flange retain said receptacle in longitudinal location with respect to said body portion when the former is inserted in said opening.

2,107,916

SHAPING FUR HEADS OF PELTS

Martin Tanzs, Chicago, Ill.

Application January 24, 1936, Serial No. 60,745
9 Claims. (Cl. 35—20)



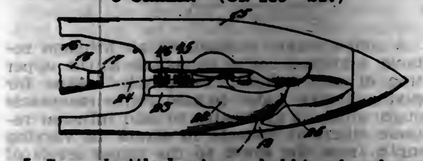
1. A device of the class described for shaping a fur head of a circumferentially integral fur pelt, comprising a plate adapted to be removably inserted within the fur head of said pelt, said plate being of a shape to simulate the contour of the head of the animal represented by the pelt, a second plate complementary in contour to said first plate, a base for holding said members, and means for clamping said members securely to said base.

2,107,917

SHUTTLE TENSION

William A. Tebo, Anthony, R. I.

Application March 2, 1936, Serial No. 66,839
5 Claims. (Cl. 139—217)



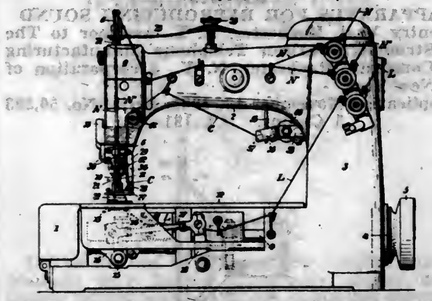
5. In a shuttle having a bobbin chamber and a thread eye, a plurality of pairs of spaced tension plates for engaging the yarn in working position, the plates of each pair being constructed and arranged to engage the opposite sides of one section of the yarn, and yieldable means for urging one of the plates of each pair toward the opposite plate, said means and the plates being arranged so that the plates impose different and progressively increasing tension on the yarn passing between the plates of successive pairs on its way from the bobbin chamber to the eye.

2,107,918

SEWING MACHINE

Charles S. Thompson, Elmhurst, and Frank A. Kucera, Chicago, Ill., assignors to Union Special Machine Company, Chicago, Ill., a corporation of Illinois

Application February 6, 1936, Serial No. 62,570
9 Claims. (Cl. 112—100)



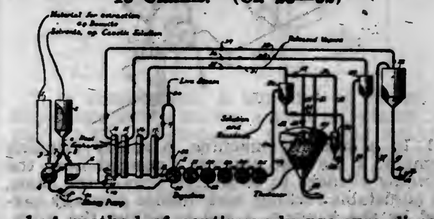
1. In a sewing machine, a work support with an overhanging arm; a vertical needle bar; a vertical presser bar rearward of the needle bar in the line of feeding, both the needle bar and the presser bar being confined to axial movement in a head at the end of the overhanging arm; a guide bushing for the presser bar journaled for oscillation in said head; a looper below the work support adapted to cooperate with a plurality of needles on the needle bar; a cover thread manipulating element operating in front of the needle bar and adapted to cooperate with the needles above the work support, said element being carried by the bushing aforesaid; and means for oscillating the bushing to effect actuation of the cover thread manipulating element.

2,107,919

CONTINUOUS DIGESTION PROCESS

Carrell Orison Turner, East St. Louis, Ill., and Melvin Powell Weigel, St. Louis, Mo., assignors to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania

Application February 1, 1935, Serial No. 4,552
15 Claims. (Cl. 23—52)



1. A method of continuously pressure digesting solids with a solvent, comprising forming a slurry of the solids with some of the solvent, and indirectly heating another portion of the solvent in a plurality of successive stages of increasing temperature to a predetermined superheat with respect to the slurry, combining the slurry and the solvent under pressure to obtain a predetermined digestion temperature, digesting the mixture in a plurality of stages, then cooling the mixture in a plurality of separate stages of decreasing temperature and pressure, controlling the decrease in pressure between successive cooling stages so as to release vapor from the solvent in such quantity that it is adapted to supply heat to several of the solvent-heating stages,

the heating of the solvent in several such stages being accomplished by passing said released vapor into heat exchangers which prevent contact between said vapor and said solvent, and maintaining a flow of materials throughout all the steps of the process.

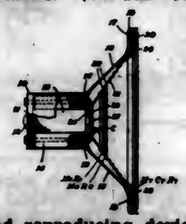
2,107,920

APPARATUS FOR REPRODUCING SOUND

Gentry Veal, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a corporation of New York

Application November 16, 1935, Serial No. 50,203

5 Claims. (Cl. 181—31)



1. In a sound reproducing device, a support, a cone-shaped diaphragm having a free edge, and a surrounding suspension joining the free edge of said diaphragm to said support, said suspension having the softness and pliability of carpincho leather with its grain surface removed.

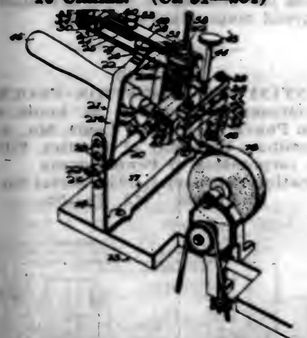
2,107,921

GRINDING DEVICE

Walter A. Weed, Lakeland, Fla.

Application November 11, 1936, Serial No. 110,395

10 Claims. (Cl. 51—234)



1. In a grinding machine, a rotary grinding element, a movable support arranged near the grinding element to be shifted toward the same, an adjustable rocking work-holder pivotally carried by the support, a rod to adjust the work-holder to cause the same to clamp the work, and an adjustable latch carried by the support to hold and release the rod, said rocking work-holder being incapable of rocking movement when the rod is held by the latch.

2,107,922

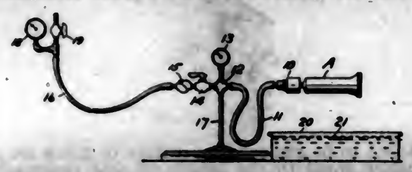
COLLAPSIBLE TUBE TESTING APPARATUS

Charles J. Westin, Philadelphia, Pa., assignor to F. J. Stokes Machine Company, Philadelphia, Pa., a corporation of Pennsylvania

Application January 19, 1934, Serial No. 707,255

1 Claim. (Cl. 73—51)

Means for testing collapsible tubes, comprising in combination, a source of pulsating compressed air, a flexible tube leading to said source, an adapter having a passage therethrough for connecting a collapsible tube to be tested to said flexible tube, said adapter having a portion forming a cross-section of said passage of relatively small area compared to the area of the cross-section of said passage and of the inlet to said collapsible tube, a valve controlling the flow of



air from said source through said flexible tube, a gauge connected to said source on the inlet side of said valve to indicate the pressure in said source, a second gauge connected to said flexible tube adjacent said adapter to indicate the pressure of air therein, and a check valve connected between said source and said valve so as to prevent the return of air from said flexible tube to said source.

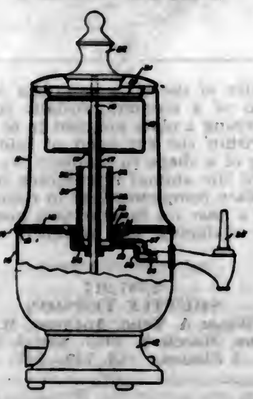
2,107,923

COFFEE MAKER

Joy C. Adams, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York

Original application October 4, 1933, Serial No. 692,097. Divided and this application November 15, 1935, Serial No. 49,896

5 Claims. (Cl. 53—3)



1. A coffee maker comprising an infusion receptacle, a ground coffee receptacle in the upper portion of said infusion receptacle, means for supplying heated water to said coffee receptacle through which it gravitates to said infusion receptacle where it collects in strata of varying strength from the lower to the upper levels of the collected infusion, a discharge conduit, a faucet controlling said discharge conduit, a vertical conduit within said receptacle connected at its lower end to said discharge conduit and having a plurality of apertures arranged at spaced intervals from said lower to said upper levels so that infusion of varying strength at the different levels of the collected infusion can flow simultaneously into said vertical conduit, when the faucet is opened so that the infusion from the different levels is mixed in the conduit and discharged from the faucet.

2,107,924

COFFEE MAKER

Joy C. Adams, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York

Application October 4, 1933, Serial No. 692,097

14 Claims. (Cl. 53—3)



1. A coffee maker comprising a liquid container, a heating chamber, a fountain tube in liquid communication with said heating chamber, a passageway for delivering fluid from said liquid container to said heating chamber where it is heated and delivered by steam pressure to said fountain tube and thermostatically operated means providing communication between said heating chamber and said liquid container so as to relieve steam pressure in said heating chamber to prevent the building up of a steam pressure sufficient to deliver a material quantity of liquid to said fountain tube until said liquid in said container has attained a predetermined high temperature.

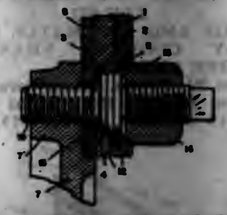
2,107,925

WHEEL CONSTRUCTION

Charles S. Ash, Milford, Mich., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware

Application August 12, 1935, Serial No. 35,860

4 Claims. (Cl. 301—36)



4. A vehicle wheel comprising a hub member, a radially extending element on said hub member, an inner wheel body member having an annular series of holes therethrough, each of said holes having a flared outer end and having an intermediate portion extending axially of the hub, an annular series of studs detachably threadedly engaging the radially extending element, each stud having an enlargement intermediate its ends provided with oppositely flared portions and with a cylindrical portion extending inwardly from the flared portion at the inner side of the enlargement for engagement with the annular intermediate portions of the holes in the inner wheel body member to position the latter relative to the hub, one of the flared portions on the enlargement being engageable with the outer flared end of the associated hole of said inner wheel body member, an outer wheel body member provided with an annular series of holes therethrough having inner flared ends, a series of nuts threadedly engaging said studs and having portions co-acting with and adapted to force said outer wheel body member toward said inner wheel body member and to engage the inner flared ends of said last named holes against the outer flared faces of said enlargements.

2,107,926

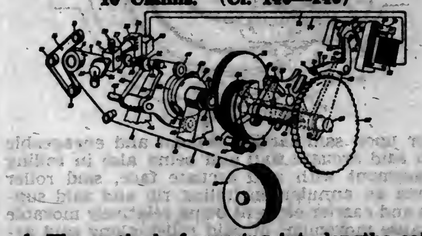
METHOD OF AND APPARATUS FOR SEVERING INTO LENGTHS COILED FILAMENT WIRE

Heinrich Asmussen, Berlin-Steglitz, and Joseph Riess, Berlin, Germany, assignors to General Electric Company, a corporation of New York

Application October 16, 1936, Serial No. 106,044

In Germany November 8, 1935

10 Claims. (Cl. 140—140)



1. The method of severing into lengths coiled filament wire having alternately closely and loosely wound sections which comprises moving the filament wire longitudinally through a beam of light and causing the variation in the amount of light projected beyond said closely and loosely wound sections of filament wire to intermittently operate a cutting tool to sever said wire at intervals.

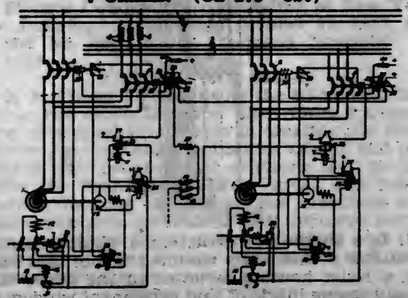
2,107,927

CONTROL SYSTEM

Herman Bany, Lansdowne, Pa., assignor to General Electric Company, a corporation of New York

Application August 6, 1936, Serial No. 94,628

7 Claims. (Cl. 175—320)



1. In combination, a plurality of relays, an impedance device having a high impedance relative to the impedance of one of said relays, a source of current, and switching means individual to each relay for connecting the associated relay and said common impedance in series across said source, the relative impedances of said impedance device and said relays being such that when a predetermined plurality of said relays are simultaneously connected in series with said impedance device the voltage impressed on said connected relays is below the pick-up value thereof.

2,107,928

APPARATUS FOR FORMING MOLDS

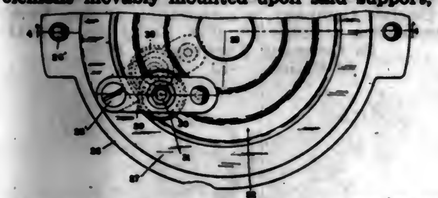
Joseph E. Batio, Detroit, Mich., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware

Application November 22, 1935, Serial No. 51,168

5 Claims. (Cl. 22—22)

1. An apparatus for forming a mold, compris-

ing a flask containing a mold body of molding material and having an arcuate wall, a support positioned by said flask in predetermined axial relation to said mold body and having an arcuate face concentric with said arcuate wall, a carrier element movably mounted upon said support, a



roller upon said carrier element and engageable with said arcuate wall and being also in rolling engagement with said arcuate face, said roller having an annular encircling rib and said support and carrier element being relatively movable to cause movement of said roller along said arcuate wall.

2,107,929

STORM WINDOW

Edward E. Benson, Providence, R. I., assignor of one-half to Emerson P. Smith, Providence, R. I.

Application June 7, 1934, Serial No. 729,395

2 Claims. (Cl. 20—40)



1. In a building construction, a window casing, a window permanently mounted within said casing, a roller housing mounted in the upper end of said casing inside of said permanent window to form an air seal for the upper end of said casing, aligned air sealing guideway means mounted on each side wall of said casing below said housing spaced from said permanent window, rollers mounted in said housing, a flexible window screen member mounted on one of said rollers, a flexible transparent storm window member mounted on the other roller, bar means mounted on the lower ends of said flexible members, air seal means projecting downwardly from said flexible window member bar means, air seal means abutting each side of said flexible storm window within said housing, and means to secure each of said bar means to the lower end of said casing, said rollers being so spaced within said housing that said flexible members may be selectively lowered from said housing and the bar means thereof secured to the lower end of said casing, with said flexible storm window member being air sealed within said casing at a spaced distance from said permanent window to form an insulating air space therebetween.

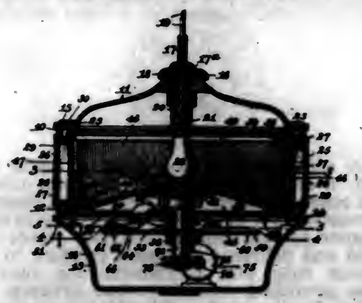
2,107,930

TRAFFIC SIGNAL

John L. Braun, Tonawanda, and Kitt S. Shicktanz, Buffalo, N. Y., assignors of one-third to Frank C. Conti, Buffalo, N. Y.

Application August 6, 1935, Serial No. 34,904

12 Claims. (Cl. 116—63)



1. A traffic signal, comprising a casing having sight openings therein, a signaling member rotatably mounted within said casing having different signaling elements, a timing element under constant rotation and having its axis co-incident with the axis of said signaling member, friction means between said timing element and said signaling member to cause the latter to move with said timing element, and means interposed between said timing element and signaling member to cause slippage of said friction means so as to allow independent rotative movement of said timing element.

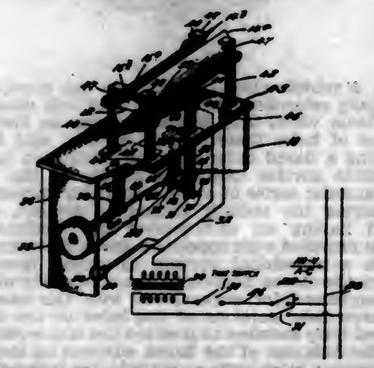
2,107,931

METHOD OF AND APPARATUS FOR ELECTRICALLY COOKING FRANKFURTERS AND OTHER ARTICLES

Charles W. Brown, Middlebero, Mass.

Application July 20, 1936, Serial No. 91,494

19 Claims. (Cl. 219—19)



19. In an electric cooker for articles including the types likely to expand on the cooking thereof, comprising, in combination, two thin substantially rigid electrically conductive heating plates capable of being heated to cooking temperature by passage of electric current therethrough and functioning as the sole heating elements, arranged with the surfaces thereof opposed to embrace the article between them and an electric circuit connected to said plates to pass current therethrough.

2,107,932

CAR LOADING DEVICE

Samuel D. Butterworth and Sulo Michael Nampa, Detroit, Mich., assignors of ninety-nine percent to The Werth Company, a corporation of Michigan; and one percent to said Samuel D. Butterworth

Application September 19, 1934, Serial No. 743,372

4 Claims. (Cl. 105—368)



1. An article of manufacture designed to be used in a freight car floor for anchoring objects, comprising a metal pocket having a base and a side wall around the base, and an attachment member pivoted within the pocket for pivotal movement into and out of the pocket, said member substantially corresponding in shape to the exposed opening in the pocket so as to substantially close said opening when pivotally moved into the pocket.

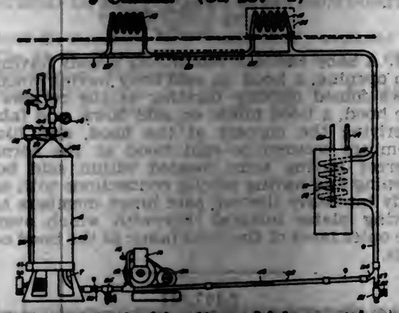
2,107,933

HEATING SYSTEM AND METHOD

Robert Arthur Crockett and Robert Henry Crockett, Cincinnati, Ohio

Application April 29, 1935, Serial No. 18,830

9 Claims. (Cl. 237—1)



1. The method of heating which comprises effecting unidirectional forced circulation of a gas through a continuous circuit of piping while the gas in all parts of the circuit is maintained under high pressure, and generating heat at desired locations by introducing the flow of gas into areas of increased resistance to the flow thereof.

2,107,934

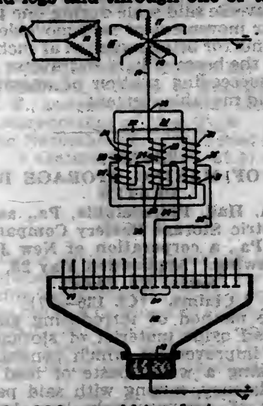
PARALLEL MULTIANODE TRANSFORMER CONNECTION

Earl V. De Bleux, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York

Application May 21, 1936, Serial No. 81,061

4 Claims. (Cl. 175—363)

1. In a system for transferring power between an alternating current circuit and a direct current circuit, a vapor electric apparatus including a cathode and a plurality of anodes, polyphase windings associated with said alternating current circuit, and means to connect a given single one of the phases of said windings to a group of said anodes in parallel, said means comprising a core having a plurality of legs, and a plurality of pairs of coils, each anode of said group being connected to said phase through one of the coils on one of said legs and through one of the coils on



another of said legs, said two last-named coils being in series, the two coils on any given one of said legs being arranged in opposing relation, whereby parallel operation of said group is forced upon failure of one of the anodes of said group to start conducting current.

2,107,935

ULTRAVIOLET TRANSMITTING GLASSES

Johann Enez and Magdalene Hünigar, Berlin-Charlottenburg, Germany, assignors to General Electric Company, a corporation of New York

No Drawing. Application October 31, 1933, Serial No. 696,112. In Germany November 11, 1932

2 Claims. (Cl. 252—8)

2. A process for producing the silicic acid useful in the manufacture of ultra-violet transmitting glasses which consists in treating the finely divided raw materials containing titanic and iron oxides with concentrated sulphuric acid to dissolve the titanium and iron oxides and subsequently washing the treated raw materials with dilute sulphuric acid mixed with hydrogen peroxide to prevent the dissolved titanium and iron compounds from precipitating again and from mixing with the raw materials.

2,107,936

LIGHT BEAM INSTRUMENT

George F. Gardiner, Scotia, N. Y., assignor to General Electric Company, a corporation of New York

Application July 24, 1936, Serial No. 92,423

2 Claims. (Cl. 116—114)



2. An indicating instrument of the light-beam type comprising in combination, a source of light, a movable element carrying a pair of mirrors cooperating with said light source to cause beams of light to be deflected in response to deflection of the movable element, a scale cooperating with said light source and said mirrors so as to be

traversed by said beams of light, said movable element being adapted to deflect through an angle substantially greater than that required to advance one of the light beams the length of the said scale and one of said mirrors being mounted at such an angle as to cause the light beam to traverse said scale during one portion of the angular movement of said movable element, the second mirror being mounted at such an angle as to cause the beam of light to traverse said scale during a succeeding portion of angular movement of said movable element.

2,107,937
METHOD OF MAKING STORAGE BATTERY PLATES
Clarence A. Hall, Philadelphia, Pa., assignor to The Electric Storage Battery Company, Philadelphia, Pa., a corporation of New Jersey
No Drawing. Application May 29, 1935, Serial No. 24,662
2 Claims. (Cl. 136—27)

2. In the method of introducing glass fibers into the lead oxide material of storage battery plates the improvement which consists in primarily making a water paste of lead oxide of soupy consistency, mixing with said paste glass wool fibers of comparatively long lengths by stirring and while the fibers are water wet and while the paste is being stirred adding gradually to the paste a solution of sulphuric acid and water which stiffens the paste, and continuing the stirring for a sufficient time to break up the long fibers to any shorter lengths that may be desired.

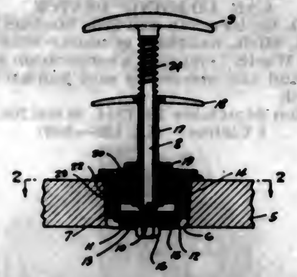
2,107,938
EAR ORNAMENT
Constance Harris, Providence, R. I.
Application April 24, 1937, Serial No. 138,772
6 Claims. (Cl. 63—14)



1. An ear ornament comprising a U-shaped clamp to engage the lobe of the ear, an ornament rigidly supported by said clamp with its inner surface in adjacency to the plane of the U-shaped clamp, and with a recess registering with the opening between the arms of the U of the clamp to receive the lobe of the ear therein.

2,107,939
PLUG
John C. Hartnack, Los Angeles, Calif., assignor to Rubbercraft Corporation of California, Ltd., Los Angeles, Calif., a corporation of California
Application August 24, 1935, Serial No. 37,665
6 Claims. (Cl. 217—109)

said rod against said gasket, and means to move



said expanding element against said gasket to expand the same.

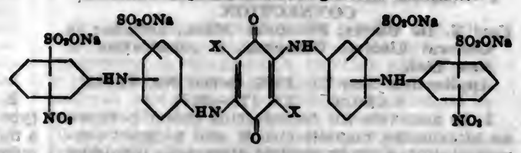
2,107,940
BABY CARRIAGE AND HOOD THEREFOR
Carl Hedstrom, Jr., Gardner, Mass., assignor to Hedstrom-Union Company, Gardner, Mass., a corporation of Massachusetts
Application June 20, 1936, Serial No. 86,300
5 Claims. (Cl. 296—116)



1. A baby carriage comprising a body having a top opening, a hood on said body having wooden bows joined directly together at the corners of the hood, a hood fabric on said bows, said fabric overlying the corners of the hood, and hinge members secured to said hood at the corners thereof having arms located within said body opening and having pivotal connections with said body interiorly thereof, said hinge members also having plates integral therewith which overlie the outer faces of the hood fabric at the hood corners.

2,107,941
FAST BROWN LEATHER DYESTUFFS AND A PROCESS OF PREPARING THEM
Fritz Hess, Karl Hager, and Walter Fenne, Frankfort-on-the-Main-Hoechst, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application November 26, 1935, Serial No. 51,680. In Germany November 30, 1934
4 Claims. (Cl. 260—56)

1. The compounds of the general formula:



wherein X means a member of the group consisting of hydrogen, methyl and chlorine, dyeing leather brown tints of good fastness properties.

2,107,942
CUTTER CHAIN
Morris P. Holmes, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Application July 30, 1934, Serial No. 737,495
11 Claims. (Cl. 262—33)



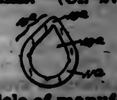
1. A double-ended, reversible cutter bit having a narrow elongated body terminating in cutting portions at its opposite ends and provided, in side elevation, with end and side surfaces lying in the sides of a parallelogram, and rectangular in cross section, the cutting portions at the opposite ends of the bit body providing cutting points at the opposite sides of the bit, and means formed on the opposite sides of the bit body viewed in side elevation, providing abutments respectively engageable with an outer surface of a bit block for limiting inward movement of the bit within a bit block socket and with means for holding the bit within a bit block socket.

2,107,943
METHOD OF MANUFACTURING COMPOSITE SEAMLESS TUBES
Robert K. Hopkins, New York, N. Y., assignor to The M. W. Kellogg Co., New York, N. Y., a corporation of Delaware
Application June 5, 1936, Serial No. 83,664
9 Claims. (Cl. 29—188)



1. A method of manufacturing composite metal articles comprising the steps of forming a hollow mold that includes as a part thereof metal of one composition and depositing in said mold under the influence of a flux blanketed electric energy discharge, metal of a different composition in an amount sufficient to substantially fill said mold thereby uniting said metal of different composition into an integral structure.

2,107,944
GOLF BALL POSITION MARKER
Willard Howard, Newton, Mass.
Application May 5, 1937, Serial No. 140,950
7 Claims. (Cl. 273—32)



1. As a new article of manufacture, a device for marking the position of a golf ball on a putting surface, said device comprising a thin flat body of general annular form, down-turned positioning elements at the under face of said body constructed and arranged for holding engagement with the putting surface, and means on said body distinguishing one peripheral portion thereof as a pointing element for ranging purposes.

2,107,945
CATHODE STRUCTURE
Albert W. Hull and William A. Ruggles, Schenectady, N. Y., assignors to General Electric Company, a corporation of New York
Application November 20, 1934, Serial No. 753,875
6 Claims. (Cl. 250—27.5)



1. A cathode comprising a supply of electron-emitting material and a covering for the same, said covering being constituted of a mesh of fine metal wires braided or woven so closely as to form a substantially impervious fabric which affords only surface migration paths for the restricted passage of emitting material through the covering.

2,107,946
CARTON CONSTRUCTION
William H. Inman, Newark, N. Y., assignor to Bloomer Bros. Company, Newark, N. Y., a corporation of New York
Application September 15, 1936, Serial No. 100,907
6 Claims. (Cl. 229—22)

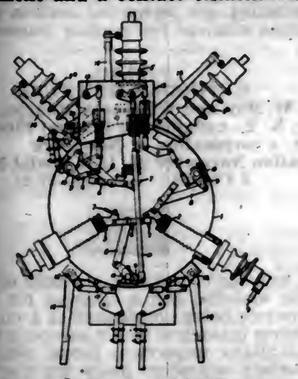


1. A carton comprising sheet material cut, scored, and folded to provide two approximately equilateral triangular walls spaced from and approximately parallel to each other, and two approximately rectangular walls each extending from one edge of one triangular wall to the corresponding edge of the other triangular wall, one of the triangular walls being integrally hinged along one of its edges to one edge of one of the rectangular walls and the other of said triangular walls being integrally hinged along its corresponding edge to the opposite edge of the same one of said rectangular walls, each of the triangular walls having along another edge an integrally hinged flap overlapped with and adhesively secured to the other of said rectangular walls on the outer surface thereof, and each of said triangular and rectangular walls having along one edge a flap adapted to cooperate with flaps on other walls to form a closure for the third side of the triangular body.

2,107,947
ELECTRIC SWITCH GEAR
William Victor Jeffs, Eastcote, England, assignor to General Electric Company, a corporation of New York
Application January 18, 1937, Serial No. 121,194
In Great Britain January 31, 1936
5 Claims. (Cl. 200—5)

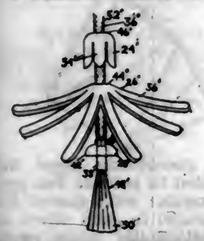
1. Electric switchgear for isolating and controlling connections between a plurality of circuits comprising a casing, an insulating lead-in

conductor bushing for each of said circuits extending within said casing so as to converge towards the center of said casing, and a movable switch element and a contact element mounted



at the end of certain of said bushings arranged so that the switch element of one conductor is adapted selectively to engage the contact element of an adjacent conductor.

2,107,948
TASSEL
Clifford G. King, Barrington, R. I.
Application April 11, 1934, Serial No. 720,123
7 Claims. (Cl. 2—278)



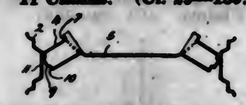
1. In a tassel for use with shoe laces and like cord articles having a free end, a tuft member constructed of flexible material having a center portion having a hole therein for stringing on said cord article and integral spaced tuft forming strand portions projecting radially outwardly from said center portion, lower clamping means adapted to abut the lower surface of said tuft member and the upper surface of a cord article portion spaced from the end of said cord article for preventing downward movement of said tuft member on said cord article, said lower clamping means comprising a tubular portion adapted to surround said cord article and means projecting outwardly therefrom adapted to abut the lower surface of the center portion of said tuft member and upper clamping means for securing said tuft member against upward movement on said cord article comprising a rigid member constructed of rigid bendable flat material having a base center portion having a hole therein for stringing on said cord article above said tuft member adapted to clamp said center portion of said tuft member against said lower clamping means for preventing downward movement of said tuft member on said cord article, and spaced portions projecting radially outwardly from said center portion of less length than said radial tuft forming strand portions bendable downwardly to bend said radial tuft member strand portions downwardly to form a tuft with said strand portions laterally adjacent to each other and substantially normal to the center portion of said rigid member.

2,107,949
DOOR CLOSURE
Charles E. Klecan, Chicago, Ill., assignor to Philip R. Oftedal, Chicago, Ill., doing business under the style and firm name of Protex Weather-Strip Mfg. Co.
Application December 17, 1934, Serial No. 757,799
6 Claims. (Cl. 20—68)



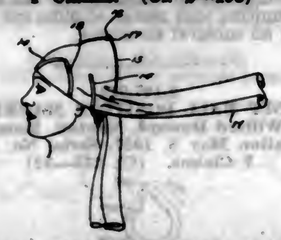
1. A door closure comprising a casing, a felt retaining member within said casing and adapted to engage a felt or other elastic substance, a rod extending within the said retaining member, one end of said rod extending exteriorly of said member and adapted to coact with a door jamb, the other end of said rod pivotally mounted on a lever, said lever being adapted to press against the said retaining member, a spring connected with a second lever having slidable engagement with said retaining member and adapted to return said retaining member in raised position when the contact of said first lever with said door jamb is broken.

2,107,950
METHOD OF FORMING A WHEEL
Frank H. Le Jeune, Detroit, Mich., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware
Application April 11, 1932, Serial No. 604,551
11 Claims. (Cl. 29—159.03)



5. The method of forming a one-piece sheet metal artillery wheel part which comprises striking the spoke portions from a blank sheet to substantially parallel axial relation with corresponding ends remaining integrally connected to the sheet and bending the sheet to place the spokes in operative radial relation.

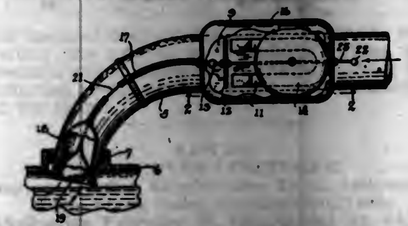
2,107,951
HEAD COVERING
Ruby Lipton, New York, N. Y.
Application May 17, 1937, Serial No. 143,059
4 Claims. (Cl. 2—196)



2. A turban comprising a wide band of material having a length several times its width, the band having an intermediate head receiving zone and ends adapted to be wrapped about the head and

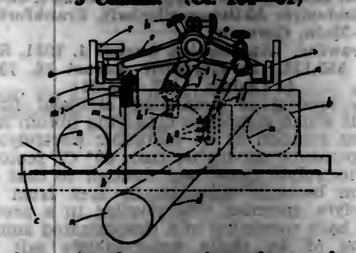
tied, one longitudinal edge of said band constituting the front of the turban and the other longitudinal edge of the band constituting the back of the turban, a pair of strips carrying hookless slide fastener elements mounted in the head receiving zone adjacent the back and extending in opposite directions, and a slidable element engaging said hookless fastener elements and, when so engaging, to cause the material to be folded and to be partially doubled to form a head receiving recess, said recess being adapted to enclose the head.

2,107,952
SIGNALING DEVICE
Joseph Roy McGee, Los Angeles, Calif.
Application November 5, 1936, Serial No. 109,369
2 Claims. (Cl. 236—96)



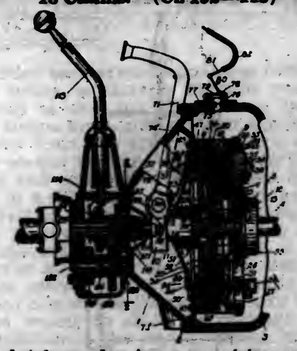
2. In a signaling device for use with a hose, a casing adapted to be attached to the hose at a point remote from the end thereof, of a float positioning housing secured to the outer surface of said hose and adjacent the end thereof, a float mounted in said housing, an audible signal positioned in said first-mentioned casing, a flexible connection extending from said float to said audible signal and positioned at the outer surface of said hose, the ends of said housing and casing being open and in the same plane as the ends of the hose, whereby when fluid rises in said housing said float will actuate said audible signal.

2,107,953
APPARATUS FOR REMOVING SELVAGE EDGES FROM TEXTILE FABRICS IN THE PIECE
Wilfrid Thomas Basil Morley, Worsley, and Francis Edwin Morley, Sale, England
Application October 1, 1936, Serial No. 103,622
In Great Britain May 20, 1936
5 Claims. (Cl. 164—61)



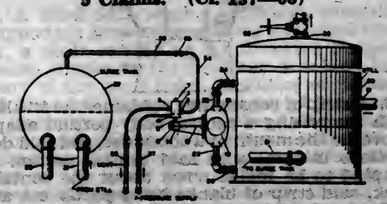
1. Apparatus for removing selvage edges from textile fabrics in the piece comprising two carriages adapted to be movably mounted on runways mounted transversely of a machine provided with feed and batch up rolls through which the fabric is traversed, flexible cables and weights coupled to said carriages and normally tending to draw the same towards each other transversely of the path of traverse of the fabric, each carriage being provided with vertical antifriction rollers adapted to run on horizontal components of the runways and horizontally disposed antifriction rollers adapted to bear against vertical components of the runways, and each carriage having a slitting knife mounted thereon in spaced relationship to an abutment, together with an abutment adapted to bear against the edge of the fabric.

2,107,954
CLUTCH AND TRANSMISSION MECHANISM
Wade D. Morton, Gloucester City, and William E. Haupt, Westville, N. J., assignors to Automatic Drive & Transmission Company, Gloucester City, N. J., a corporation of New Jersey
Application April 19, 1933, Serial No. 666,238
18 Claims. (Cl. 192—113)



1. A clutch mechanism comprising a rotatable supporting structure; driving and driven clutch plates carried and housed by said structure; clutch facings including a large percentage of solid lubricant on at least one of said plates; centrifugally operated mechanism to force said plates together when said supporting structure attains a predetermined speed; at least one ventilating opening in the periphery of said structure adjacent the peripheries of said plates; and means, providing a plurality of fan blades disposed in said supporting structure for forcing a current of ventilating and cooling air outward between and around said plates and out through said ventilating opening to remove any solid lubricant from the mechanism which may be freed from said facings and to cool the mechanism in operation.

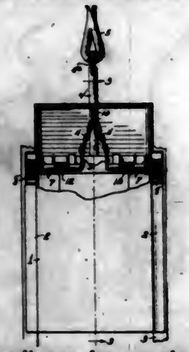
2,107,955
APPARATUS FOR LIQUID LEVEL AND PRESSURE CONTROL
Irvin Earl Nutter and Fletcher Edward Martin, Whittenburg, Tex., and Gerald W. McCullough, Bartlesville, Okla., assignors to Phillips Petroleum Company, Bartlesville, Okla., a corporation of Delaware
Application January 29, 1934, Serial No. 708,895
5 Claims. (Cl. 137—68)



1. An apparatus of the character described, comprising a tank, a second tank in communication therewith to receive liquid therefrom, a

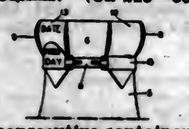
source of fluid pressure in direct communication with said second tank and valve means operable in direct proportion to variations in liquid level in said first tank for controlling the fluid pressure in said second tank to change the rate of flow from said first tank to said second tank, whereby the liquid level in said first tank is maintained substantially constant.

2,107,956
SAFETY DEVICE FOR ELEVATORS
Louis Olevary, Spartanburg, Pa., assignor of one-half to William C. Michael, Connellsville, Pa.
Application November 6, 1935, Serial No. 48,567
1 Claim. (Cl. 187—87)



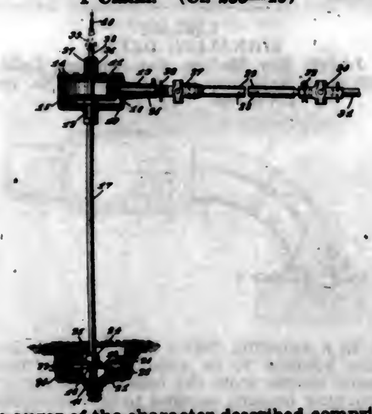
A safety appliance for an elevator that has rails movable through tracks, which includes a member mounted for slidable movement through pre-determined limits through the top of the elevator and to which the operating cable is attached, a laterally extending pin on said member flexible elements secured to the ends of the pin, spaced pairs of parallel oppositely extending shafts journaled on the elevator and having their confronting ends each formed with angle arms to which the respective flexible elements are individually secured, coiled springs having one end fixed on the respective shafts and their second end fixed to the elevator for separately turning the shafts in one direction and peripherally serrated wheels eccentrically fixed on the outer ends of the shafts and engageable with the track for the elevator.

2,107,957
CONTAINER COVER
Frank O'Neill, Jr., New York, N. Y., assignor to Tamper-Proof Seal Corporation, New York, N. Y., a corporation of Maryland
Application April 4, 1935, Serial No. 14,692
10 Claims. (Cl. 215—38)



5. A strip of consecutive container cover blanks each comprising a central body portion adapted to overlie the mouth of a container, and fold down portions integral with said central portion and adapted to be folded down about the container neck, said strip of blanks being partly cut away on each side of the longitudinal centerline thereof between adjacent blanks leaving therebetween projecting ends of longitudinal fold down portions, and a pair of metal clips located on the longitudinal centerline of said blank and respectively secured to said projecting longitudinal ends and extending transversely thereof with the ends of said metal clips projecting partly over said cut away parts.

2,107,958
AUGER
Elmer L. Pribyl, Wymore, Nebr.
Application March 22, 1937, Serial No. 132,416
1 Claim. (Cl. 255—19)



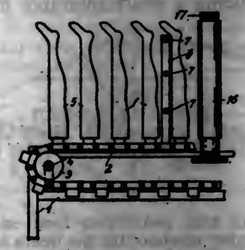
An auger of the character described comprising a gear housing forming a head having a removable top cover, gear and pinion within the housing and meshing with each other, an auger shaft journaled in the housing and fixed to said gear, an auger cutter carried by said shaft, slip and universal joint connections with the pinion and adapted for driving connection with a source of power, a center lug rising from the said cover, a handle bar engaged in the lug, and a hoist bail straddling the lug and pivoted to the handle bar.

2,107,959
MANUFACTURE OF ARTIFICIAL ARTICLES FROM FIBROIN SOLUTIONS
Ernst Ressner and Karl Börner, Premnitz/Westhavelland, and Herbert Mahn and Wilhelm Irion, Dessau, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application August 4, 1931, Serial No. 555,133. In Germany August 18, 1930
14 Claims. (Cl. 18—54)

7. A process of producing artificial fibroin threads which comprises dissolving fibroin in an aqueous solution of an inorganic electrolyte at a temperature not higher than 80° C., removing said electrolyte from said solution so that said solution becomes substantially free from said electrolyte, spinning said solution in a precipitating bath consisting of a concentrated aqueous solution of an easily water-soluble salt and stretching the freshly coagulated product.

2,107,960
MATTING PROCESS
Fritz Schuster, Chemnitz, Germany
Application April 4, 1935, Serial No. 14,692
In Germany April 17, 1934
1 Claim. (Cl. 28—1)

The method which consists in mounting silk or artificial silk articles on forms, applying a preliminary moistening treatment to the articles for the purpose of loosening the fibers of the fabric, spraying a matting liquid onto the said pretreated articles during the shaping operation on the said forms so as to forcibly impregnate



the loosened fibers of the fabric, and finally subjecting the articles to a uniform rolling and pressing action, whereby to ensure a uniform distribution of the matting liquid over the surface of the fabric.

2,107,961
CAP COVER STRETCHER
Dayton A. Seller, Elizabethton, Tenn., assignor to Justin Frank Seller, Elizabethton, Tenn.
Application February 18, 1936, Serial No. 64,594
2 Claims. (Cl. 223—25)



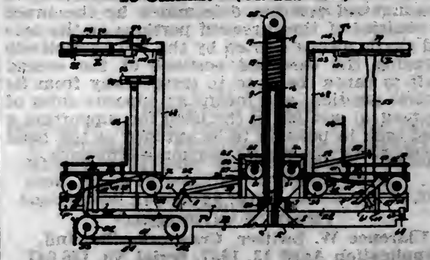
1. A form for shaping cap covers comprising a pair of segmental members, a link member pivotally connected with one of said segmental members and being apertured at a plurality of positions along the length thereof, a second link member pivotally connected with the other of said segmental members and having a pin mounted thereon, said link members being normally disengaged and said pin being engageable at a selected position with the apertured link member for determining the spacing of said segmental members, and means for holding said link members in substantial alignment with said segmental members in effective spaced relation within a cap cover.

2,107,962
PILLOW
Hugh Cecil Sheasby, Kimberley, South Africa
Application March 4, 1936, Serial No. 67,116
4 Claims. (Cl. 5—71)



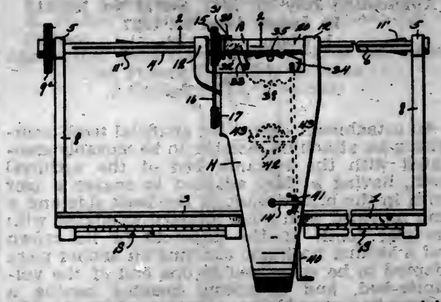
1. A pillow comprising a supporting frame, a second frame adjustably connected to the first frame, a plurality of radially arranged resilient elements connected to the second frame, a ring-like member supported by the resilient elements, a pillow having a nose and mouth opening supported by the resilient elements with the opening aligning with the ring-like member, and means for securing the pillow to the ring-like member.

2,107,963
SACK SEWING APPARATUS
Vereau L. Statham, Riverdale, Calif.
Application May 9, 1936, Serial No. 78,950
18 Claims. (Cl. 112—11)



1. A filled sack sewing apparatus comprising a sewing means, a carriage movable rectilinearly in a path at one end adjacent to the sewing means, means for urging the carriage in a direction away from the sewing means, a sack supporting means mounted upon the carriage constructed and arranged to hold closed the mouth portion of a filled sack, said carriage as it moves in a direction toward the sewing means carrying the filled sack beyond the sewing means to permit stitching of the closed mouth of the sack, and power means for moving the carriage toward the sewing means and manually operable means for connecting the carriage with the power operated means to shift the carriage into coactive relation to the sewing means, and means acting automatically to release the connection between the power operated means and the carriage upon the completion of the sewing operation to thereby permit the return of the carriage under the action of the urging means.

2,107,964
FILLED SACK SEWING APPARATUS
Vereau L. Statham, Riverdale, Calif.
Application May 9, 1936, Serial No. 78,951
3 Claims. (Cl. 112—11)



1. A filled sack sewing apparatus comprising a supporting structure including a straight trackway, a shaft carried by the structure in spaced parallel relation to the trackway, a sewing head, a part of the head being in sliding engagement with the shaft, and a second part travelling on the trackway, a driving member freely mounted on the shaft and operatively connected with the mechanism of the sewing head, a clutch member keyed to the shaft for rotation therewith but having sliding movement lengthwise thereof, said driving member and clutching member travelling with the head, a second shaft carried by the supporting structure, the two shafts being in driven

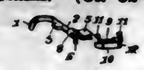
connection, said second shaft having threaded portions, the thread of one portion being reversely disposed with respect to the thread of the second portion, one of the shafts constituting a drive shaft, means for normally maintaining the head at a neutral position determined by the inner extremities of the threaded portions of the second shaft, means carried by the head selectively engaging the threaded portions of the second shaft to cause the head to travel away from its neutral position, and means at opposite sides of the neutral position of the head for supporting a filled sack in position to be stitched as the head travels along the mouth portion of the sack.

2,107,965
TRAILER COUPLING
Clarence W. Switzer, Crawfordsville, Ind.
Application April 13, 1937, Serial No. 136,647
2 Claims. (Cl. 188—142)



1. In a trailer including a tongue, brakes and a mechanism for actuating said brakes, a coupling including a substantially U-shaped housing, the bight portion of said housing having circumferential slots therein, a clevis for connecting the housing to a towing vehicle, the end portions of said clevis projecting into said housing through the slots, a pin mounted in said end portions of the clevis for anchoring said clevis in the housing, a lever pivotally secured, at one end, in the housing, the tongue being pivotally connected to said lever at an intermediate point, and a flexible member operatively connecting the lever to the brake operating mechanism of the trailer for actuating said brake operating mechanism when said lever is moved under the influence of the trailer tongue.

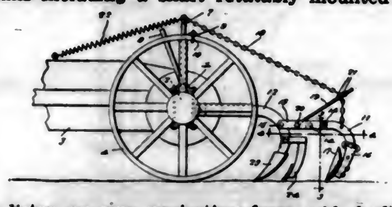
2,107,966
ATTACHMENT FOR ARTIFICIAL TEETH
Junso Taguchi, Tokye-shi, Japan
Application July 28, 1937, Serial No. 156,213
In Japan June 22, 1937
1 Claim. (Cl. 32—5)



An attachment device for artificial teeth comprising an attaching member to be movably associated with the vulcanite-bed of the artificial teeth, having a clasp adapted to engage a pier tooth in the bridge work at the back side and a limb provided with a lug adapted to engage with the pier tooth at the undercut of its crown and a locking hook and carrying an anchor piece adapted to be embedded in one end of the vulcanite-bed, and a locking member having a locking bar movable on a holder adapted to be secured to the vulcanite-bed in such a position as to permit the locking bar to co-act with the hook to lock the clasp and hence the artificial teeth in position.

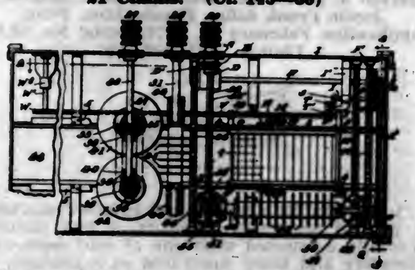
2,107,967
DAM FORMING ATTACHMENT
Leonard Taylor, Pert, Okla.
Application February 19, 1937, Serial No. 126,673
3 Claims. (Cl. 97—55)

1. A dam forming attachment for wheeled listers comprising a beam pivotally connected to the lister for swinging movement in a vertical plane, a scraping element mounted on said beam and adapted to travel in the ditch made by the lister plow, and means operatively connecting the beam to one of the wheels of the lister for periodically lifting said element out of the ditch, said means including a shaft rotatably mounted on



the lister, an arm projecting from said shaft, a flexible member connecting the beam to said arm, a lever projecting from the shaft, and a trip on said one wheel engageable with the lever for actuating the shaft and the arm in a direction to lift the beam.

2,107,968
MACHINE FOR CUTTING ICE
Migiel J. Uline, Washington, D. C.
Application January 30, 1935, Serial No. 4,152
21 Claims. (Cl. 143—38)



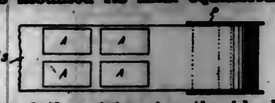
8. A machine for cutting cakes of ice into small blocks or cubes, means for forming kerfs at right angles to one another in the end of said cake of ice, and a series of independently adjustably superposed cut off saws arranged in the path of travel of said ice for severing the cubes or blocks formed by the kerfs.

10. A machine for cutting cakes of ice into small cubes or blocks comprising means for intermittently reciprocating a block of ice on end, means operated by the reciprocation of said block for intermittently elevating said block, a reciprocating saw carriage adapted to move over said block to form parallel kerfs therein, a stationary saw carriage having a plurality of saws for cutting parallel kerfs at right angles to the previously cut kerfs when said cake of ice is moved into contact therewith and a horizontally disposed stationary saw arranged in the path of travel of said cake of ice for severing the previously formed cubes of ice from the block.

2,107,969
METHOD OF MAKING RECORD CARDS FOR STATISTICAL MACHINES
Raymond Louis André Valtat, St. Mande, France
Application March 26, 1937, Serial No. 133,288
In France April 7, 1936
2 Claims. (Cl. 164—17)

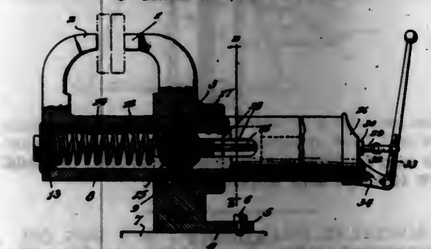
1. A method of making record cards for statistical machines comprising in combination, cutting out of a reel of paper, cardboard or like material, blanks having a dimension slightly greater than the exact dimensions required for the finished cards or slips; storing said blanks

for a period of time until the material of the blanks has assumed its final equilibrium of di-



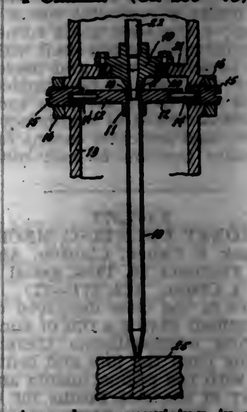
mensions and then trimming the blanks to the exact dimension required.

2,107,970
HYDRAULIC VISE
Emil C. Wells, Kanseenga Lake, N. Y.
Application December 31, 1935, Serial No. 55,621
5 Claims. (Cl. 60—52)



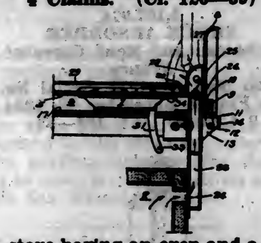
1. In a device of the character described, a stationary support, a movable member having a portion slidable through the support and formed with a longitudinally extending bore and having longitudinally extending slots opening through opposite sides of the bore, a piston in the bore, an anchoring member for said piston extending transversely through the bore with portions extending outwardly through the side slots and connected with the stationary support, resilient means yieldably resisting movement of the movable member in one direction, and means for forcing fluid under pressure into the bore of the movable member to act against the piston and move the movable member in the said direction.

2,107,971
JET PIPE RELAY
Guido Wunsch and Walter Hartung, Berlin-Steglitz, Germany, assignors to Askania-Werke A. G. vormals Central Werkstatt Dessau und Carl Bamberg-Friedenau, a company of Germany
Application July 29, 1936, Serial No. 93,306
In Germany November 30, 1935
4 Claims. (Cl. 299—73)



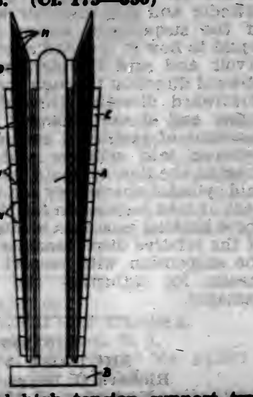
1. A jet pipe relay comprising, in combination, a jet pipe pivotally mounted on a horizontal axis and having an open inlet end the axis of which is substantially in line with the longitudinal axis of the jet pipe; and a fixed fluid supplying nozzle projecting slightly into and loosely fitted within the open end of the jet pipe providing sufficient clearance to permit free pivotal movement of the jet pipe.

2,107,972
COOKING STOVE
William D. Antrim, Gloucester, N. J., and Alfred W. Schlemmer, Philadelphia, Pa., assignors to Roberts & Mander Stove Company, Philadelphia, Pa., a corporation of Pennsylvania
Application August 29, 1936, Serial No. 98,580
4 Claims. (Cl. 126—39)



1. In a stove having an oven and a cooking top burner chamber, a hinged cooking top plate having an opening suitably located therein, said cooking top plate normally overlying and enclosing the burner chamber and adjustable to an elevated position for access to said burner chamber and a flue communicating with the oven and extending to the under side of the cooking top plate when in said normal position with the outlet opening of said flue registering with the opening in said cooking top plate.

2,107,973
ELECTRIC TRANSFORMER FOR HIGH TENSION
Adolphe Bajon, Gentilly, France, assignor to Societe Anonyme "Transformateurs de Mesure E. Walter", Gentilly, France, a corporation of France
Application September 2, 1935, Serial No. 39,942
In France December 29, 1934
2 Claims. (Cl. 175—356)



1. In an electrical high tension support type transformer, an open magnetic circuit iron core having a bar-like vertical portion and a supporting base portion adapted to be grounded, a low

voltage winding arranged along the bar-like portion of the core, a high voltage winding having a generally conically shaped interior surface arranged over the low voltage winding, a plurality of insulated metal cylinders in stepped coaxial arrangement between the high and low voltage windings to provide capacity elements of a condenser, the inner cylinders being of greater length than the outer cylinders to substantially fill the space between the two windings, the area of the outermost cylinder equalling at least one-half of the area of the innermost cylinder, and all of said cylinders extending beyond the two windings at the upper end thereof and the outer cylinders projecting beyond the upper end of said core.

2,107,974
SHOCK ABSORBER
Louis Bécherean and René Carroueé, Paris, France
Application May 10, 1935, Serial No. 20,857
In France November 29, 1934
9 Claims. (Cl. 188—88)



1. A shock absorber for use in connection with a suspension including two parts movable with respect to each other, which comprises, in combination, a cylinder filled with liquid, a reservoir containing liquid, rigid with said cylinder, means for mechanically connecting both said cylinder and said reservoir with one of the parts of the suspension, means for permitting said liquid to flow in a closed circuit through said reservoir and said cylinder, in series, only in the upward direction through the cylinder and in the downward direction through the reservoir, the upper end of said cylinder being provided with passages of restricted section of flow extending between said cylinder and said reservoir, for braking the flow of liquid therethrough, means in said cylinder operatively connected with the other part of said suspension for forcing liquid through these braking passages whatever be the direction of the relative displacements of said two parts of the suspension with respect to each other, and means for adjusting the flow through said passages.

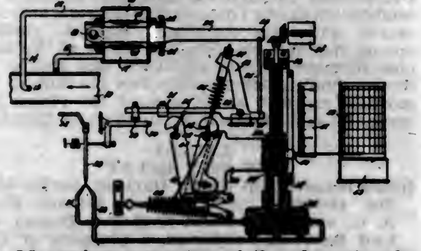
2,107,975
SHUT-OFF VALVE
Richard O. Beggs, Arp, Tex.
Application November 17, 1936, Serial No. 111,315
3 Claims. (Cl. 103—202)

1. The combination with an oil well apparatus including a working barrel, and a foot valve, of a shut-off valve at the bottom of said working barrel and interposed between the latter and



the said foot valve and operable to shut off fluid flow through said working barrel.

2,107,976
MEASURING AND INDICATING APPARATUS
Kurt Biasig, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau, a corporation of Germany
Application September 24, 1936, Serial No. 102,426
In Germany September 25, 1935
7 Claims. (Cl. 73—295)

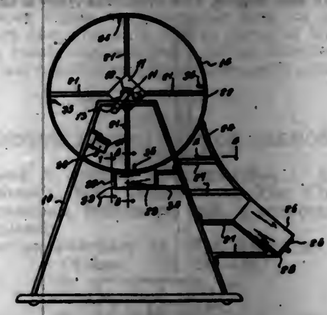


1. Measuring apparatus of the character described comprising, in combination, a differential pressure responsive device creating a controlling force; a relay connected to be operated by said controlling force; a reversible motor controlled by said relay; a threaded shaft turned by said motor; a nut movable on said shaft without turning; a cam associated with and moved by said nut; a lever arranged to be displaced by the movement of said cam; a spring connected to said lever and arranged to counteract said controlling force; and indicator means for indicating the relative position of said nut and said spindle.

2,107,977
PAPER MONEY COUNTING MECHANISM
Frank J. Callen, Clanton, Ala.
Application February 20, 1936, Serial No. 64,975
1 Claim. (Cl. 271—27)

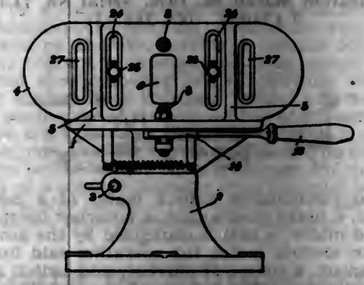
A structure of the class described comprising a rotating element having a rim of annular form, a hub having compartments therein, hollow spokes leading from the hub and being in communication with the compartments and open at the periphery of the rim, means for creating a suction within the compartments and through

the spokes serving to cause articles to adhere to the periphery of the rim, a shaft for said hub, and a plate closing one side of the hub and



mounting said means for creating a suction, said chambers being in communication with the atmosphere through said hub and plate.

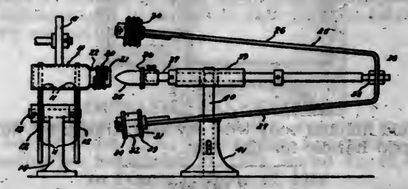
2,107,978
JIG FOR USE IN METALING BEARINGS
Harry James Salusbury Croucher, Farnham, England
Application July 27, 1936, Serial No. 92,921
In Great Britain August 2, 1935
3 Claims. (Cl. 33—123)



1. A jig for use in metaling bearings comprising a flat apertured metal face-plate, a hollow partly cylindrical mandrel adapted to be secured to said face-plate with the longitudinal edges of the mandrel in engagement with the flat surface of the face-plate on each side of the aperture therein so that a defined passage is left between the interior surface of the mandrel and the face-plate to which heat may be applied by means of a flame through the aperture in the face-plate, and means for fixing the bearing shell to be metaled in desired relationship with said mandrel and face-plate.

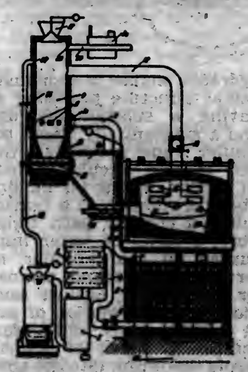
2,107,979
APPARATUS FOR FORMING SCREW-THREADED NECKS
Jakob Dichter, Berlin-Schoneberg, Germany
Application April 22, 1935, Serial No. 17,612
In Germany April 23, 1934
1 Claim. (Cl. 49—23)

In an apparatus of the class described, means for rotatably supporting a vial, means for rotating the vial, means for heating the outside of the vial adjacent the mouth end thereof, a rotatably mounted threaded roller adapted to engage the outside of the heated vial adjacent the mouth end thereof to form threads on the outer surface of the vial, a second rotatably mounted roller having spaced rim portions adapted to engage the vial on opposite sides of the threaded portion thereof to reduce the diameter of the vial and smooth the same on opposite sides of the threaded portion of the vial, said second roller having



a portion of reduced diameter disposed between said rim portions and of a length substantially equal to the length of the threaded roller, the reduced portion of the second roller being of such a diameter as to have limited contact with the threads formed by the threaded roller while said spaced rim portions are reducing the diameter of the vial to smooth the threads on the vial and to regulate the diameter thereof.

2,107,980
METHOD FOR PREPARING IRON AND STEEL
John Elian, Paris, France
Application March 1, 1937, Serial No. 128,542
In Germany March 16, 1936
10 Claims. (Cl. 75—38)

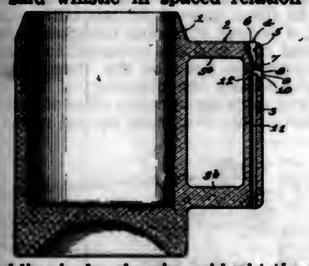


1. A method for preparing iron and steel wherein the ore is treated in a chamber with a reducing gas and then smelted in a furnace of the Siemens-Martin type, comprising pre-heating the reducing gas in the recuperation chambers of the Siemens-Martin furnace and utilising the gases issuing from the reducing chamber as fuel for heating said furnace.

2,107,981
AUDIBLE SIGNALING HANDLE
Joseph Ford, Trenton, N. J.
Application August 3, 1936, Serial No. 94,697
2 Claims. (Cl. 46—175)

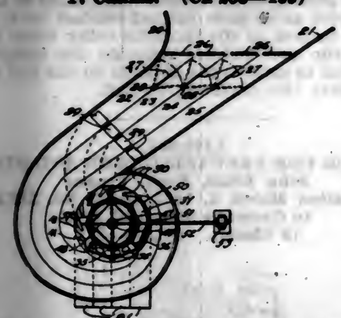
1. A whistle drinking mug comprising a liquid holding body, a hollow tubular whistle adapted to make an audible signal upon the introduction of a blast of air into the hollow tube, and means

holding said whistle in spaced relation to said



liquid holding body whereby said whistle provides a grip handle for the mug.

2,107,962
HYDRAULIC ENGINE
George Paul Geissler, Washington, D. C.
Application September 25, 1935, Serial No. 42,092
17 Claims. (Cl. 253—159)



1. In a hydraulic engine, in combination, a stationary circular structure providing an annular channel having a substantially unobstructed open top and a substantially closed bottom portion, an annular frame providing a rotary member mounted in said circular structure above said bottom portion, means for guiding said annular member for rotation in a horizontal plane on and around a circular path formed by the said structure, a series of water impinged elements mounted on said annular member at spaced intervals there-around, means for delivering water successively against said elements in a direction to cause rotation of said annular frame, said annular frame and water impinged elements thereon arranged for discharge of water downwardly therefrom into the annular channel provided by the bottom portion of said stationary structure, and said water impinged elements including means carried thereby and depending therefrom into the flow of water around said channel whereby such flowing water imparts additional rotating force to said rotary annular frame.

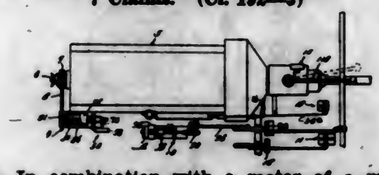
2,107,963
GOLF PUTTER
Thomas Albert Hamilton, Hale, England
Application December 31, 1936, Serial No. 116,642
In Great Britain January 21, 1936
2 Claims. (Cl. 273—80)

1. A golf ball putter which can be adjusted during the course of play to the effective length desired without altering the position of the hands of the user on the handle, comprising a head, a tubular shaft with a cylindrical portion, attached to said head, a tubular handle slidably mounted on the cylindrical portion of the shaft, a non-circular bar rigidly attached to said handle and provided with transverse notches, a guide at the top of the shaft having a through



bore of a shape corresponding to the cross sectional shape of the bar and spring fingers secured to the shaft adapted to engage said notches to lock the bar in the adjusted position.

2,107,964
AUTOMATIC BRAKE OPERATOR
Walter Dixon Harper, Florence, S. C.
Application March 28, 1936, Serial No. 71,480
7 Claims. (Cl. 192—3)



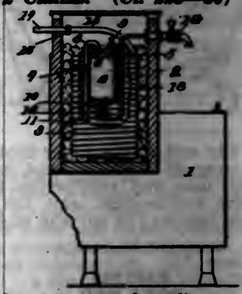
1. In combination with a motor of a motor vehicle, a brake mechanism, a governor operated by said motor, a switch controlled by the governor, an electric motor for operating said brake mechanism, a source of current, said switch and electric motor being connected electrically with said source of current, and an accelerator operated switch between said source of current and the electric motor adapted to be closed when the accelerator is in inoperative position.

2,107,965
STRAIGHT KNITTING MACHINE
Waldemar Heinitz, Chemnitz, Germany, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany
Application June 3, 1936, Serial No. 83,262
In Germany July 10, 1935
4 Claims. (Cl. 66—89)



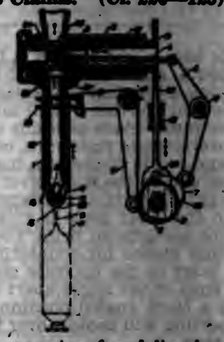
1. A straight knitting machine having a Jacquard petinet attachment, comprising a three-part narrowing comb extending all over the width of the fabric to be knitted on the machine, a rotatably and shiftably arranged bar, a middle part of said narrowing comb carried by said bar, a spring drawing said bar against a fixed stop, two other bars, one for each lateral part of said narrowing comb, an adjustable stop for each of the bars carrying said lateral parts of the narrowing comb, and a tension spring between each of the last mentioned bars and the said adjustable stops.

2,107,966
DISPENSING APPARATUS FOR CARBONATED BEVERAGES
Raymond J. Jenkins and Christian J. Addicks, Baltimore, Md., assignors to The Chandlee Corporation, Baltimore, Md., a corporation of Maryland
Application February 12, 1936, Serial No. 63,624
2 Claims. (Cl. 225—39)



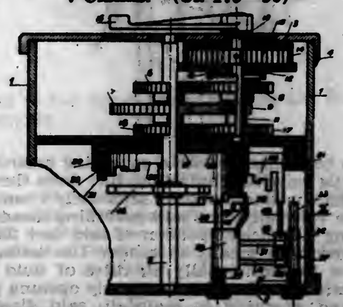
1. In a dispensing and cooling apparatus for carbonated beverages, the combination with a refrigerating chamber having a cooling coil disposed therein, of a source of liquid supply connected to said cooling coil, a removable storage and control tank disposed within said cooling coil adapted to be maintained full of the beverage to be dispensed and having a connection at its upper end with the outlet of said cooling coil, an outlet at the bottom of said storage and control tank of a smaller diameter than the inlet to said tank, a pipe having a coil connected to said outlet and a faucet connected to said pipe.

2,107,967
APPARATUS FOR DELIVERING PORTIONS OF RELATIVELY MOBILE MATERIAL
Bror Emil Johnson, Alsten, Sweden, assignor to Aktiebolaget Gerh. Archus Mekaniska Verkstad, Stockholm, Sweden, a Swedish joint-stock company
Application December 4, 1936, Serial No. 114,256
In Sweden December 9, 1935
5 Claims. (Cl. 226—125)



1. In an apparatus for delivering portions of relatively mobile material, a delivery spout having an end forming a valve seat and having lateral discharge openings, a valve sleeve enclosing said spout and having a central narrowed discharge opening, a pump for periodically supplying material to said spout, and a mechanism operatively connecting said pump with said sleeve to shut the lateral discharge openings of said spout by means of said sleeve and substantially simultaneously to impart to said pump a retractive suction movement.

2,107,968
IMPULSE TRANSMITTER
Léon Kardorff, Brussels, Belgium, assignor to Inventor Trust S. A., Luxemburg, Luxemburg
Application September 27, 1935, Serial No. 42,406
In France October 12, 1934
7 Claims. (Cl. 179—90)



7. An impulse transmitter comprising in combination a rotating cylinder with a name index marked on its outer surface and containing a cam-like member of invariable profile moving continuously and in such a manner that its position is analogous for the same digit of each group of impulses, means coacting with the cam-like member for producing impulses, code-members driven by the said rotating cylinder and corresponding to a given number of groups of impulses, and a feeler moving with an alternating motion imparted by the cam-like member and having a stroke which is limited by the code-member so as to vary the number of impulses of each group, as set forth.

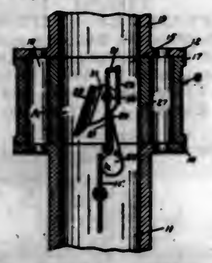
2,107,969
GARDEN LINE STAKE
Henry G. M. Kuhn, Spencertown, N. Y.
Application July 21, 1936, Serial No. 91,793
3 Claims. (Cl. 33—86)



1. A garden stake comprising a flat elongated body portion having one end thereof formed with a vertical kerf adapted to receive and clamp a flexible straight edge, there being spaced transverse kerfs formed in one longitudinal edge of

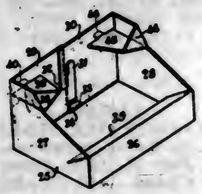
the body portion in spaced relation to the vertical kerf and adapted to receive a portion of said straight edge.

2,107,990
METHOD AND APPARATUS FOR GOVERNING FLUID FLOW
William E. Leibing, San Francisco, Calif., assignor to Leibing Automotive Devices, Incorporated, San Francisco, Calif., a corporation of Nevada
Application January 30, 1935, Serial No. 4,154
13 Claims. (Cl. 137—152)



1. In combination with a governing means and a throttle valve for controlling fuel flows through a conduit, means mounted separately from said throttle valve adjacent said governing means for directing a sufficient portion of said fuel flow to said governing means to render the latter responsive to substantially all rates of fluid flow when said throttle valve is in early opening position, and a spring to maintain said directing means in such directing position independent of changes in pressure of said fluid except when said throttle valve goes to substantially fully open position.

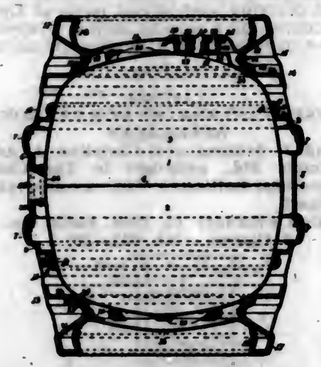
2,107,991
DISPLAY BOX STAND
William E. Thomas, Charlotte, N. C.
Application November 25, 1935, Serial No. 51,567
1 Claim. (Cl. 248—196)



A stand for supporting opened boxes at an inclined angle and comprising a front wall, a back wall and a pair of spaced sidewalls, means projecting inwardly from an intermediate portion of each sidewall for engaging an intermediate portion of the box, and the upper edge of the front wall being adapted to receive the lower end of a box.

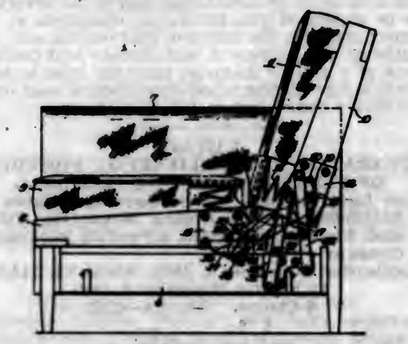
2,107,992
METAL BARREL
Walter F. Schulz, Youngstown, Ohio, assignor to Truscon Steel Company, Youngstown, Ohio, a corporation of Michigan
Application June 8, 1934, Serial No. 729,665
12 Claims. (Cl. 220—16)

1. In a double walled barrel having an inner container, an outer casing surrounding and spaced from the inner container and including a pot-shaped end section having a side wall, a head portion, and an outwardly extending chime portion, a substantially U-shaped reinforcing ring



surrounding the end of the inner container and providing a support therefor, and having one leg extending into and reinforcing the chime portion of the end section, and the other leg secured to the side wall of the end section.

2,107,993
SOFA BED
Martin Fox, Chicago, Ill., assignor to The Seng Company, Chicago, Ill., a corporation of Illinois
Application January 13, 1936, Serial No. 58,860
9 Claims. (Cl. 5—47)



1. In a sofa bed, a seat section, a back section, plates attached to adjacent edges of the sections, one plate having a pivoting projection toward the other and the other having a pivot inset from the edge, a pair of hinge levers pivotally connected to each other intermediate their ends, one lever pivoted at one end to the projection, the other lever pivoted at one end to the inset pivot, the projection and the pivot it carries overlapping the section to which the other plate is attached in one position of the sections to bring them close together, and link means for connecting the other end of each lever to the opposite plate to swing the opposite ends of the levers apart and to offset the plates in a right angled position so that the edge of one section will project over the adjacent edge of the other.

2,107,994
HOLLOW GLASS BUILDING BLOCK
Benjamin F. Hamilton, Jr., Toledo, Ohio, assignor to Owens-Illinois Glass Company, a corporation of Ohio
Application October 11, 1935, Serial No. 44,511
Renewed July 16, 1937
7 Claims. (Cl. 72—41)



1. A hollow building block including a pair of opposed glass walls and a colored translucent sheet interposed between and disposed in substantial parallelism with at least one of said walls.

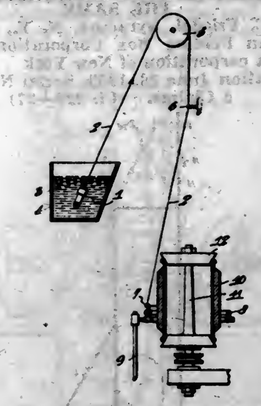
2,107,995
DUSTLESS BAG DISCHARGE HOPPER
Neel Statham, Irvington-on-Hudson, N. Y., and Horace Richards, Lake, Md., assignors to West Virginia Pulp and Paper Company, New York, N. Y., a corporation of Delaware
Application February 19, 1937, Serial No. 126,576
4 Claims. (Cl. 221—23)



1. In a device of the character described, a hopper, a cover in which said hopper is contained, said cover being adapted to close a bin or container, said hopper having flared sides adapted to receive and hold a bag containing finely divided material and with which said bag makes a substantially tight fit, a cutting or slitting device disposed across the opening of said hopper adjacent the bottom thereof, means for holding said device, permitting same to be drawn across the surface of the bag in said hopper thereby slitting the bag, whereby the contents thereof are discharged into said bin or container while the bag acts as a seal to prevent escape of material into the atmosphere surrounding the hopper.

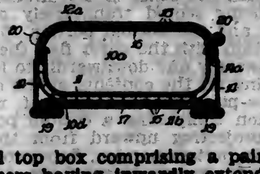
2,107,996
WINDING PROCESS FOR FILAMENTS OF ARTIFICIAL ORIGIN
Kurt Schmidt, Wuppertal-Elberfeld-Gronau, Germany, assignor to North American Rayon Corporation, a corporation of Delaware
Application December 8, 1932, Serial No. 701,433
In Germany December 9, 1932
3 Claims. (Cl. 19—54)

1. In a process for the winding on spools artificial filaments freshly extruded by the wet spinning process, the steps of guiding the filaments by a driven drawing roller to a twisting spindle and imparting a twist to the filaments of less than 20



turns to the meter and collecting the so twisted filaments.

2,107,997
ROLL TOP BOX
James H. Horsley, Chicago, Ill., assignor to Shanklin Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application December 19, 1934, Serial No. 758,207
17 Claims. (Cl. 220—41)



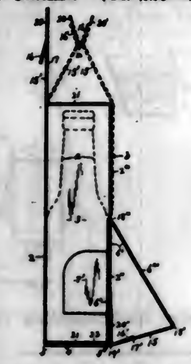
1. A roll top box comprising a pair of inner side members having inwardly extending guide portions, a hollow body member connecting and spacing said inner side members in parallel relationship, a flexible closure arranged to slide on said guide portions, and a sheathing portion encasing said body and inner side members and comprising outer side members cooperating with said guide portions to form a runway for opposite margins of said closure.

2,107,998
VALVE FOR CARBURETORS
Earl A. Rullison, Toledo, Ohio, assignor to The Tillotson Manufacturing Company, Toledo, Ohio, a corporation of Ohio
Application October 7, 1935, Serial No. 43,831
2 Claims. (Cl. 251—119)



1. An air valve for carburetors including an element having a port therein; a valve seat surface formed on said element adjacent said port; a valve member of split annular configuration having an end portion secured to said seat element and being otherwise free to form a flexible valve portion; said valve seat surface being helically arranged whereby said portion of said valve member may be flexed from the element for the passage of air through said port.

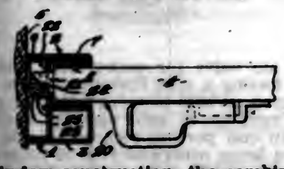
2,107,999
PAPER CARTON AND METHOD OF MAKING THE SAME
Arthur C. Friedel, Syracuse, N. Y., assignor to Lowman Folding Box Corporation, Syracuse, N. Y., a corporation of New York
Application June 28, 1933, Serial No. 678,007
5 Claims. (Cl. 229—27)



2. A one-piece paper carton of rectangular cross-section comprising a bottom portion, side portions projecting upwardly from opposite edges of the bottom portion, cover flaps extending from the upper edges of the side portions, and additional side portions projecting laterally from opposite upright edges of one of the first-named side portions, the other of the first-named side portions being scored transversely between its cover flap and the bottom portion to enable its upper portion with the cover flap thereon to be folded outwardly and downwardly to form a display opening for the contents of the carton.

3. A one-piece paper carton of rectangular cross-section comprising a bottom portion, side portions projecting upward from the opposite edges of the bottom portion, flaps projecting upward from the upper edges of the side portions and provided with hand holes in opposed relation, handle flaps secured to the upper margins of said hand holes, one of said handle flaps being folded upward and lying between said first-mentioned flaps and the other of said handle flaps being folded upward and extending through the opposite hand hole.

2,108,000
WINDOW CONSTRUCTION
Thomas W. Holt and John F. Levan, Elkhart, Ind., assignors, by mesne assignments, to The Syracuse Trust Company, a corporation of New York, Trustee
Original application January 9, 1931, Serial No. 507,670. Divided and this application July 24, 1935, Serial No. 32,918
1 Claim. (Cl. 189—72)

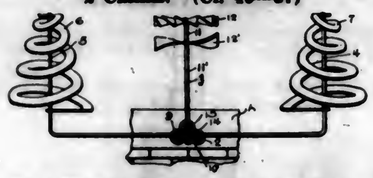


In a window construction, the combination of a window frame comprising a post structure and inner and outer stops forming a sash guide and a sash in the guide, the post structure being formed hollow and mountable in the window opening, and being formed with passages in its inner faces toward the edges of the sash, sash holder means carried by the sash and each including a bolt extending through the edge of the sash and through one of said passages, and means in the hollow post structure in line with said passages and on the opposite side of the contiguous portion of the post structure to that on which the sash is located, said means coacting with the bolt for thrusting the sash against the outer stop when the bolt projects through one of said passages, whereby the bolt and the means within the hollow post structure with which it coacts are located within the front to rear thickness of the sash.

2,108,001
STABLE FILM-FORMING MATERIAL AND METHOD OF MAKING SAME
Walter Durgin Bowlby, Meriden, N. H.
No Drawing. Application June 29, 1935, Serial No. 29,176
8 Claims. (Cl. 106—37)

1. Nitrocellulose impregnated under pressure with an alkali-metal soap.

2,108,002
DISPLAY DEVICE
Charles H. Smith and James E. Conner, Casper, Wyo.; said Conner assignor to said Smith
Application March 10, 1937, Serial No. 130,173
2 Claims. (Cl. 40—37)

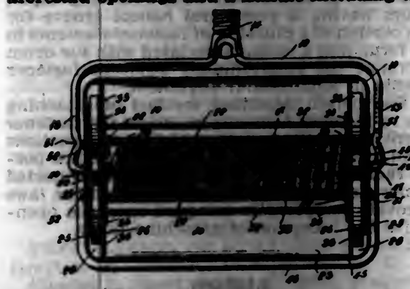


1. In a display device, a supporting arm provided at one extremity with means for securing same to a support and at the other extremity with a vertical pin, said supporting arm having a flattened intermediate portion formed with an opening, a transverse bar formed with a flattened intermediate portion having an opening registering with the opening formed in the flattened portion of the supporting arm, fastening means extending through the openings and securing the arm and the transverse bar together and vertical pins carried by said bar and said transverse arm for supporting a plurality of rotatable elements.

2,108,003
CARPET SWEEPER
Turney H. Stough, Jeannette, Pa., assignor to The Jeannette Steel Corporation, Jeannette, Pa.
Application October 29, 1936, Serial No. 108,284
3 Claims. (Cl. 15—41)

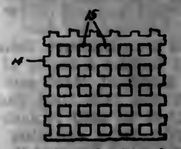
1. In a carpet sweeper of the character described, an elongated casing having top and bottom sections, an inverted U-shaped frame having spaced side walls rigidly mounted parallel to each other in each end of the bottom section, floor wheels and a brush journalled in the frames and projecting downwardly through openings provided in the bottom section, the top section inclosing the frames and having abutting marginal edge contact with the bottom section, the outer wall of each inverted U-shaped frame having an opening therein and the end walls of the top

section having openings registering with the aforesaid openings and a handle including a bail



with inwardly directed angle ends received in said registering openings for holding the top and bottom sections in assembled relation.

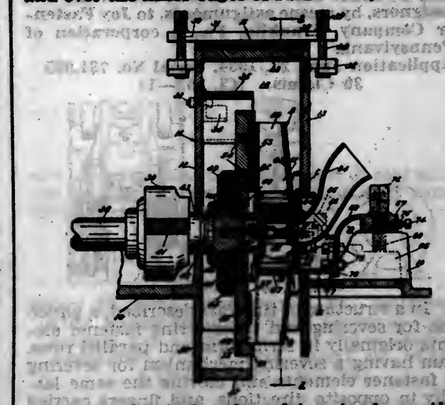
2,108,004
ELECTRODE MATERIAL AND METHOD OF MAKING THE SAME
Owen A. Rogers, Newark, N. J., assignor to Driver-Harris Company, Harrison, N. J., a corporation of New Jersey
Application March 29, 1935, Serial No. 13,653
6 Claims. (Cl. 29—155.5)



1. An electrode for electronic tubes formed of thin sheet metal having substantially rectangular perforations of a number of the order of several hundred perforations to the square inch with the material at the edges of the perforations bent back and flattened against a side of the strip.

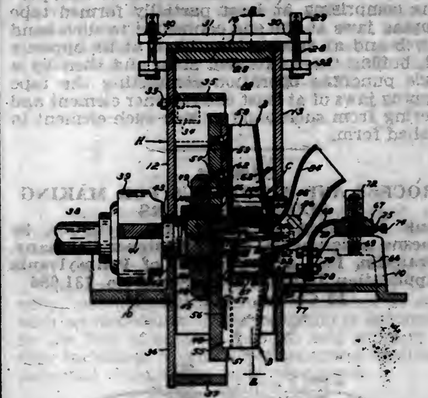
2,108,005
ABRADING APPARATUS
Walter L. Keefer, Hagerstown, Md., assignor to Pangborn Corporation, Hagerstown, Md., a corporation of Maryland
Application July 25, 1935, Serial No. 33,185
6 Claims. (Cl. 51—9)

1. In an abrading machine, a rotor having a plurality of blades terminating short of the axis of said rotor to define an abrasive admitting space, an abrasive feeding device of an external diameter less than the radius of the rotor extending into said space and having a discharge opening therein disposed to one side of the axis of said rotor and located between the planes of rotation defined by the sides of said blades for delivering abrasive to the inner ends of said blades, said blades terminating sufficiently close to said feeding device to pick up the abrasive with a minimum impact and said blades having substantially smooth and uninterrupted abrasive-propelling surfaces of sufficient length to accelerate the abrasive smoothly and continuously and without abrupt changes in a substantially radial direction and discharge it from the outer ends of said blades at an abrading velocity when said rotor is rotated, a rotatable impeller mounted for synchronous rotation with said rotor and comprising a plurality of impeller vanes disposed within said feeding device, said vanes being equal in number to said blades and extending to a region closely adjacent the axis to define a comparatively small axially extending passage, and means for introducing abrasive into said passage and over the inner edges of said vanes, said vanes



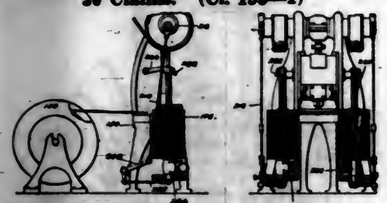
being operable to impel predetermined quantities of abrasive through said discharge opening and into the path of the inner ends of said blades in timed relationship thereto.

2,108,006
ABRADING APPARATUS
Walter L. Keefer, Hagerstown, Md., assignor to Pangborn Corporation, Hagerstown, Md., a corporation of Maryland
Original application July 25, 1935, Serial No. 33,185. Divided and this application June 26, 1937, Serial No. 150,648. Renewed November 9, 1937
15 Claims. (Cl. 51—9)



1. In an abrading machine, at last one disc-like member mounted for rotation, a plurality of abrasive propelling blades mounted on said member, means for feeding abrasive to said blades, means for rotating said member for propelling said abrasive at abrading velocities, and a stationarily supported rebound abrasive guard mounted to one side of said member, one edge of said guard terminating in a plane normal to the axis of rotation of said member and passing through a region adjacent the junction of said member and said blades, said guard extending in an axial direction away from said blades.

2,106,997
METHOD AND APPARATUS FOR MAKING SLIDE FASTENERS
Frank P. Miller and Lewis Skeel, Meadville, Pa., assignors, by mesne assignments, to Joy Fastener Company, Franklin, Pa., a corporation of Pennsylvania
Application June 22, 1934, Serial No. 731,995
30 Claims. (Cl. 153—1)

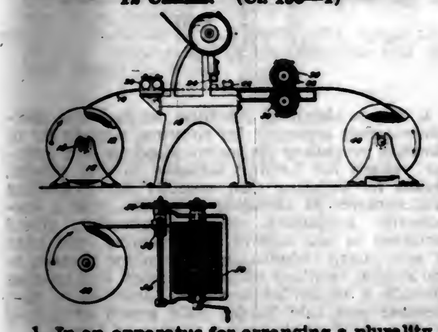


1. In a structure of the class described, a punch press for severing and transferring fastener elements originally in strip form and parallel rows, a ram having a severing mechanism for severing the fastener elements and moving the same laterally in opposite directions, and fingers carried by the ram for engaging and advancing the previously severed fastener elements.

6. In a structure of the class described, a drum having a series of circumferentially spaced, helically arranged cells for the reception of fastener elements, said cells also being arranged in longitudinal alignment, means to intermittently turn the drum and advance the same axially, and a feeding mechanism for successively presenting fastener elements to the cells of the drum.

18. A method of making slide fastener elements, which comprises subjecting a metal strip to successive punching operations to produce a continuous web or band having spaced apart portions connected thereto and projecting laterally from at least one edge thereof; each of said portions comprising at least partially formed tape gripping jaws at the end connected to such band or web and an interlocking head at its opposite end, buffing the so formed strip and then by a single punching operation completing the tape gripping jaws of at least one fastener element and severing from such band or web such element in finished form.

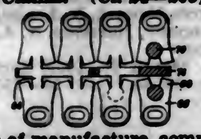
2,106,998
PROCESS AND APPARATUS FOR MAKING SLIDE FASTENERS
Frank P. Miller, Meadville, Pa., assignor, by mesne assignments, to Joy Fastener Company, Franklin, Pa., a corporation of Pennsylvania
Application June 22, 1934, Serial No. 731,996
12 Claims. (Cl. 153—1)



1. In an apparatus for arranging a plurality of connected fastener elements in longitudinal alignment for connection with attaching tapes, a drum having a peripheral helical groove for the reception of a plurality of fastener elements in strip form, and a means associated with the drum to arrange the longitudinally adjacent fastener elements in longitudinal alignment.

6. The herein described method of attaching tapes to fastener elements in which the fastener elements are initially joined at the jaw portions thereof, which consists in arranging the jaw portions radially outward and bowing the connected fastener elements to temporarily spread the jaws to provide temporarily enlarged entrance openings for the reception of attaching tapes.

2,106,999
SLIDE FASTENER
Frank P. Miller and Lewis Skeel, Meadville, Pa., assignors, by mesne assignments, to Joy Fastener Company, a corporation of Pennsylvania
Original application June 22, 1934, Serial No. 731,995. Divided and this application June 2, 1937, Serial No. 145,987
21 Claims. (Cl. 24—205)



1. An article of manufacture, comprising a ribbon-like member having a series of fastener elements disposed along at least one side thereof, characterized by the fact that each element is unitarily connected to said ribbon-like member and provided with tape gripping jaws at one end and an interlocking head at its other end.

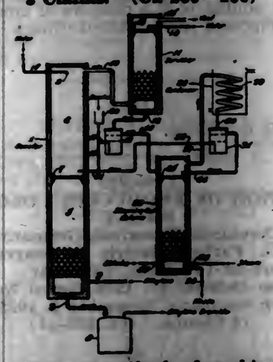
2,107,010
CLOCKWORK SYSTEM
Jean Delvinciotti, Paris, France
Application August 17, 1934, Serial No. 740,291
Renewed July 22, 1937. In France September 5, 1933
13 Claims. (Cl. 58—28)



1. In a clockwork system including an electric circuit, a device for controlling said circuit which comprises, in combination, an elastically mounted contact in said circuit, another elastically mounted contact in said circuit adapted to cooperate with said first mentioned contact for closing said circuit, an oscillating spindle actuated by said clockwork system, and two inclined pallets rigid with said spindle and adapted to actuate said second mentioned contact and close the circuit for each oscillation of said spindle, the inclined pallets being diasymmetrically positioned with respect to said second mentioned contact when the spindle is in its mid-position of oscillation.

8. In a clockwork system including an electric circuit, a device for controlling said circuit which comprises, in combination, an oscillating spindle actuated by the clockwork, two inclined pallets rigid with said spindle to oscillate therewith, a member projecting into the path of the pallets and movably mounted to be shifted in a direction substantially longitudinally of the spindle through engagement and disengagement with the pallets, a relatively stationary contact included in the circuit and spaced longitudinally of the spindle from said member, and another electrical contact interposed between the first mentioned contact and said member and normally free from engagement with the former and in the path of movement of the latter to be shifted by the latter into engagement with the first mentioned contact.

2,106,011
PREPARATION OF ETHYLENE BROMIDE
Grayton F. Dressel, Wilmington, N. C., and Charles E. Short, Midland, Mich., assignors to The Dow Chemical Company, Midland, Mich., a corporation of Michigan
Application December 30, 1935, Serial No. 56,660
3 Claims. (Cl. 260—166)



1. A continuous method of making ethylene bromide which comprises introducing liquid bromine into a reactor wherein it is intimately contacted with a stream of ethylene-containing gas free from other reactive components, such bromine being slightly in excess of the stoichiometrical proportion to the ethylene in the gas, whereby reaction occurs with evolution of heat, regulating the rate of introduction of bromine and ethylene so as to maintain the temperature in the reaction zone above the boiling point of bromine but below the boiling point of ethylene bromide, whereby the reaction proceeds substantially in vapor phase while the ethylene bromide formed flows as liquid from the reaction zone, and passing such outflowing ethylene bromide in counter-current to the incoming stream of ethylene-containing gas to convert any residual free bromine dissolved in such liquid to ethylene bromide by reaction with such ethylene.

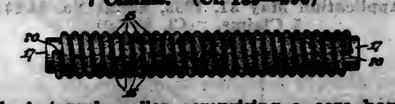
2,106,012
OSCILLOGRAPH APPARATUS
Joseph Daniel Eisler, Los Angeles, Calif., assignor to Western Geophysical Company, Los Angeles, Calif., a corporation of Delaware
Application June 16, 1937, Serial No. 148,618
3 Claims. (Cl. 171—95)

1. Oscillograph apparatus comprising a plurality of oscillograph strings closely spaced and parallel to each other, said strings lying substantially in a given plane, and a magnet having pole faces on opposite sides of said strings, said pole faces being at an angle of from about 5° to about 45° to said plane, said magnet being provided with a small hole passing therethrough in a direction substantially perpendicular to said plane



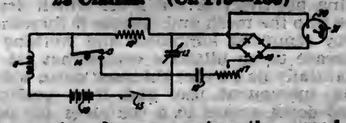
and so located that the movements of said strings can be photographed by means of light passing through said hole.

2,106,013
TEMPLE ROLLER
Harry W. Fehr, Whitemarsh, Pa., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application July 8, 1936, Serial No. 89,532
7 Claims. (Cl. 139—296)



1. A temple roller comprising a core having wound thereon a surface layer composed of a plurality of strands of different diameters, a strand of larger diameter providing gripping helices, and a spacing strand of smaller diameter serving to increase the pitch and the amount of separation of the gripping portions of successive coils of the larger strand.

2,106,014
TACHOMETER
Harrison A. L. Jones, Oakland, Calif., assignor of one-fifth to Arthur M. Girard and one-fifth to Adelaide B. Girard, both of Oakland, Calif.
Application January 15, 1937, Serial No. 120,738
23 Claims. (Cl. 175—183)



1. Apparatus for measuring the speed of a body, comprising a primary electrical circuit including a reactance, means controlled by the body for periodically charging said reactance at a frequency which varies with the speed of the body, and a metering circuit connected in shunt with an impedance whose potential is determined by the flow of current through said primary circuit including means for measuring oscillating potential drop across said impedance.

2,106,015
NOTEBOOK PAD
Harry L. Kalish, New York, N. Y.
Application December 30, 1935, Serial No. 56,692
5 Claims. (Cl. 281—29)

1. A note book pad, comprising a plurality of sheets having lines of perforations near the top dividing off support areas, and a cover for the pad having a top portion secured upon the front side of said support area, and continuing across the top of the pad down the back of the pad across the bottom of the pad and up the front of the pad

terminating in an edge adapted to engage beneath the edge of the top portion for holding the cover in the closed position, and a spacer strip



attached upon the front of the support area for the purpose of holding the front portion of the cover slightly spaced so that the edge of the bottom portion may be engaged therebeneath.

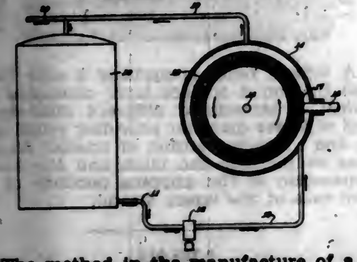
2,106,016

GREASE MANUFACTURE

Gus Kaufman, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware

Application May 31, 1935, Serial No. 24,241

5 Claims. (Cl. 87—9)



1. The method in the manufacture of a soda base grease, which comprises after saponifying the fatty material and mixing with mineral oil, passing the mixed and saponified grease from a container to a working-down zone and subjecting the grease in said zone to the action of intermeshing positively driven gears which draw the grease into the mesh and squeeze it therethrough, thereby removing lumpiness and working down the grease to an ultimate consistency, at which substantially no further thinning down will occur during subsequent use, and then passing the worked-down grease to a container for packaging without further treatment for use.

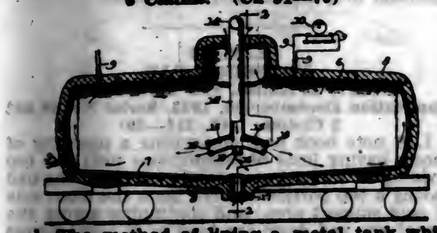
2,106,017

METHOD OF COATING CONTAINERS

James Lithgow, Chicago, Ill., assignor to Lithgow Corporation, Chicago, Ill., a corporation of Delaware

Application February 27, 1936, Serial No. 65,978

6 Claims. (Cl. 91—70)



1. The method of lining a metal tank which comprises first covering the tank with a covering of heat insulating material, then coating the inner surface of the tank with a suitable coating material which is adapted to be baked on, permitting said coating material to air dry, then introducing a conduit into the tank and forcing gases heated to the necessary temperature for baking the coating material, after it has become dry, through the conduit into the tank for a sufficient length of time to bake the coating to a uniform hardness, said gases being permitted to escape from the tank as the baking progresses.

2,106,018

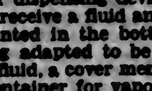
VULCANIZATION OF RUBBER

Thomas C. Morris, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application October 31, 1935, Serial No. 47,629

17 Claims. (Cl. 18—53)

1. The method of compounding rubber which comprises adding to it a mixture of zinc stearate and a compound having the formula



in which R is arylene.

2,106,019

METHOD OF PRODUCING COLORED SMOKE

Eberhard Neukirch, Bitterfeld, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

Application October 17, 1936, Serial No. 106,261

In Germany November 6, 1935

10 Claims. (Cl. 102—1)



1. A method of producing colored smoke which comprises causing a chromate compound to react with chlorosulphonic acid.

2,106,020

DISPENSER

Harry R. Noll, Philadelphia, Pa., assignor of one-half to John W. Coyle, Philadelphia, Pa.

Application March 16, 1936, Serial No. 69,169

5 Claims. (Cl. 219—40)

2. In a vapor dispensing device, a hollow casing adapted to receive a fluid and having heating electrodes mounted in the bottom thereof, said electrodes being adapted to be electrically connected by said fluid, a cover member for said casing, a liquid container for vaporizable liquid detachably secured to said cover member within said casing, a nozzle mounted on said cover member, and structure providing in said cover member a passageway between the interior of the



casing and the interior of the liquid container and another passageway between the interior of the liquid container and the nozzle.

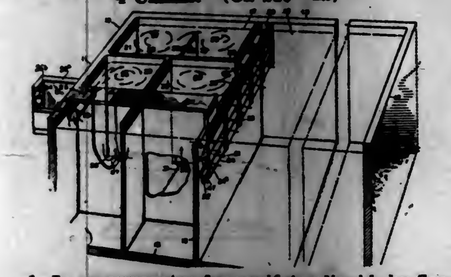
2,106,021

WATER TREATMENT

William S. Russell, Salem, Va., assignor to The Dorr Company, Inc., New York, N. Y., a corporation of Delaware

Application March 29, 1934, Serial No. 717,968

4 Claims. (Cl. 210—12)



1. In an apparatus for purifying liquids by flocculation of the impurities and subsequent floc sedimentation, a tank, a battery of floc treatment cells associated therewith, interconnected in a continuously progressing manner to provide for the uni-flow passage therethrough of a stream of the floc laden liquid in alternate up and down direction for stepwise floc treatment, said battery comprising an interconnected system of upstanding partition walls within said tank arranged to divide off a desired number of floc treatment cells and also arranged to provide passages at the top or bottom portion respectively of said cells, and agitating means effective to secure coagmenting floc movement in and through said cells.

2,106,022

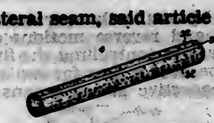
TUBE OF THERMOPLASTIC DERIVATIVES OF CELLULOSE

William Salemme, West Orange, N. J., assignor to Celluloid Corporation, a corporation of New Jersey

Original application May 24, 1934, Serial No. 727,210. Divided and this application July 8, 1936, Serial No. 89,549

9 Claims. (Cl. 138—42)

1. A hollow article of thermoplastic material having abutting edges joined in a permanent straight lateral seam, said article being substantially free of residual stresses tending to cause undesirable distortion and collapsing.



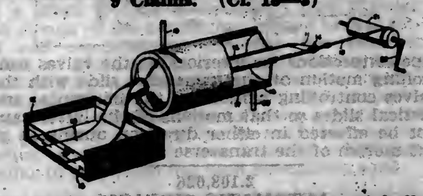
2,106,023

METHOD AND APPARATUS FOR MAKING TUBES OF THERMOPLASTIC DERIVATIVES

William Salemme, West Orange, N. J., assignor to Celluloid Corporation, a corporation of New Jersey

Application May 24, 1934, Serial No. 727,210

9 Claims. (Cl. 18—3)



1. In a process for the production of hollow articles, the step which comprises drawing under longitudinal tension a heat softened strip of thermoplastic derivative of cellulose material through a cooled forming device adapted to cause the strip to be folded into the form of a hollow cylinder.

2,106,024

MEANS FOR CLOSING SEALING RINGS

Edgar E. Shanor, Sharon, Pa., assignor to The Petroleum Iron Works Company of Ohio, Sharon, Pa., a corporation of Ohio

Application May 6, 1937, Serial No. 141,150

5 Claims. (Cl. 220—46)



1. The combination of a container having an opening whose defining wall is formed with a gasket seat, a gasket, a cover having a flange which bears upon the gasket, and means for sealing and securing the parts in the relation stated, said means comprising a horizontal U-chime having spaced apart ends with strap extensions whereof each carries a mate of a mated interlock for securing the chime in the contracted state, a slack take up member mounted for angular movement with relation to the straps to contract the chime and to put the mated locking provisions in interengaging relation, said mated locking provisions comprising male and female members, and a separable member for securing them in locking position.

2,106,025

HYDRAULIC OPERATION AND CONTROL OF MACHINE TOOLS

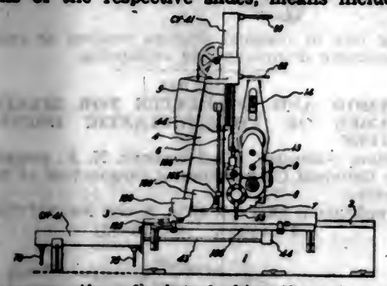
Robert D. Shaw, Brooklyn, N. Y., assignor to Niles-Bement-Pond Company, Hartford, Conn., a corporation of New Jersey

Application May 22, 1930, Serial No. 454,646

29 Claims. (Cl. 90—13.5)

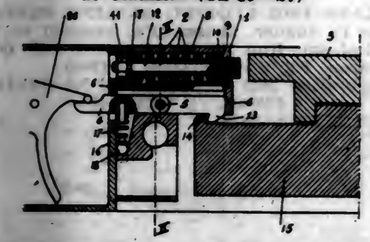
1. The hydraulic operation and control of machine tools, comprising horizontal, vertical and transverse slides, means for supplying fluid un-

der pressure to hydraulically operated means for effecting direct and reverse motions of the respective slides, valves controlling the fluid to said hydraulically operated means for controlling motions of the respective slides, means including



pipe connections for interlocking the valves controlling motion of the transverse slide with the valves controlling motions of the horizontal and vertical slides so that motions of the latter cannot be effected in either direction during in or out motion of the transverse slide.

2,106,626
AUTOMATIC FIREARM
Charles Sutter, Suresnes, and André Bousel, Courbevoie, France, assignors to Société Anonyme Anciens Etablissements Hotchkiss & Cie., Levallois-Perret, France, a joint-stock company of France
Application August 12, 1936, Serial No. 95,880
In Germany January 25, 1936
10 Claims. (Cl. 89—27)



1. Automatic firearm comprising a mechanism having a reciprocating movement, a longitudinally sliding member, a sear for stopping the firing pivotally mounted on said member, a heel carried by said member and against which the breech mechanism abuts at the end of its recoil stroke, housings provided in said member and, in each of said housings, resilient means interposed between an accelerator member mounted at one end of said housing and adapted to be carried rearwardly by said sliding member to compress the resilient means at the end of the stroke of the recoil mechanism of the firearm and a movable heel mounted at the other end of said housing and adapted to be carried forwards by said sliding member when the firing is stopped, a fixed abutment being provided against which said movable heel abuts when the accelerator compresses said resilient means.

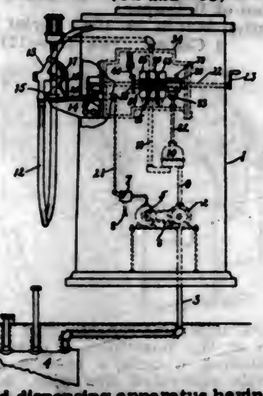
2,106,627
RING TRAVELER
Sam Tour, New York, N. Y., assignor to U. S. Ring Traveler Company, Providence, R. I., a corporation of Rhode Island
Application October 4, 1937, Serial No. 167,294
5 Claims. (Cl. 118—61)

1. A ring traveler for vertical twister rings, formed with a foot, a shank extending upwardly therefrom and merging into a head or horn portion, the head or horn portion extending outwardly and upwardly from the shank at its lead-



ing edge and substantially horizontally at its trailing edge, thereby forming a pocket whereby the air in the operation of the traveler contacts with the under surface of said horn portion.

2,106,628
INTERLOCKING MECHANISM FOR GASOLINE DISPENSERS
Reuben E. Bechtold, Fort Wayne, Ind., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind., a corporation of Indiana
Application July 13, 1936, Serial No. 90,373
6 Claims. (Cl. 221—95)



1. In liquid dispensing apparatus having a motor-driven pump connected with a source of liquid supply and provided with a dispensing line connected with the outlet of said pump and terminating with a manually-operated valve-controlled nozzle, a switch controlling the pump motor, a meter connected in said dispensing line, a register operatively connected with said meter provided with a manually-operated actuating shaft associated with mechanism for resetting the integrating wheels of said register, a stationary bracket for the support of said nozzle, a rock-shaft having operative connection with said switch provided with a lever for manually actuating said rock-shaft disposed to be locked in inoperative position by the said nozzle while said nozzle is supported on said bracket, mechanism associated with said actuating shaft and rock-shaft adapted to prevent concurrent operation of said shafts, a trip-wheel secured on said actuating shaft provided with a recess and a notch, a spring-actuated pawl engageable in said notch to limit backturning movement of said trip-wheel, and a spring actuated bell-crank associated with a stop to limit movement thereof in one

direction and provided with a stud engageable in said recess to cause limited backturning movement of said actuating shaft to its zero position.

2,106,629
METHOD OF HONING
Kirke W. Conner, Detroit, Mich., assignor to Micrematic Hone Corporation, a corporation of Michigan
Application April 27, 1936, Serial No. 76,519
7 Claims. (Cl. 51—278)



1. The method of honing a work piece which includes the steps of, advancing a honing tool and work piece relative to each other, moving a honing element of said tool into engagement with the surface work piece to be abraided, rapidly reciprocating the honing element during the time it is rotated, and relatively advancing the honing tool and the work piece relative to each other along the tool axis during said rotation and reciprocation.

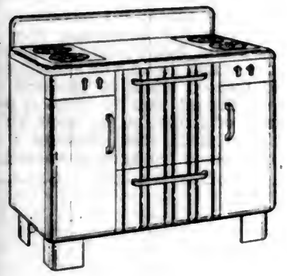
2,106,630
PROCESS OF OXIDATION
William A. Darrah, Chicago, Ill.
No Drawing. Application April 30, 1934, Serial No. 723,172
7 Claims. (Cl. 204—26)

1. The process of oxidizing beverages containing alcohol which consists in passing a stream of the liquid beverage to be oxidized in contact with a moving stream of gas containing oxygen, causing a silent electric discharge to pass through said stream of gas containing oxygen to said liquid and continuously removing the entering stream of gas and liquid and introducing fresh quantities of gas and liquid, and subsequently subjecting said treated liquid to elevated temperatures for a sufficient time to cause a portion of said products of oxidation to react on another portion of the liquid, thus creating a beverage similar to one which has been extensively aged.

DESIGNS

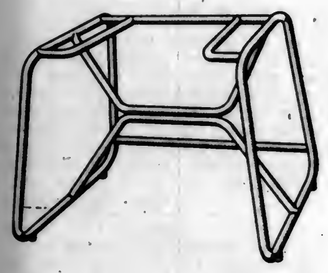
FEBRUARY 8, 1938

108,312
DESIGN FOR A COOKING STOVE
Wilbur Henry Adams, Cleveland, Ohio, assignor to Kalamazoo Stove Company, Kalamazoo, Mich., a corporation of Michigan
Application December 6, 1937, Serial No. 73,389
Term of patent 3½ years



The ornamental design for a cooking stove, as shown and described.

108,313
DESIGN FOR A STAND FOR BUSINESS MACHINES
Walter A. Anderson, Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application December 31, 1937, Serial No. 74,030
Term of patent 14 years



The ornamental design for a stand for business machines, as shown.

108,314
DESIGN FOR AN ADVERTISING TOWER
Walter G. Baryl, Evanston, Ill., assignor to Loop Auto Parks, Chicago, Ill., a corporation of Illinois
Application March 1, 1937, Serial No. 67,932
Term of patent 3½ years



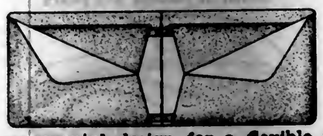
The ornamental design for an advertising tower, as shown and described.

108,315
DESIGN FOR A SHOE
Benjamin Benjamin, Freeport, N. Y.
Application January 4, 1938, Serial No. 74,073
Term of patent 3½ years



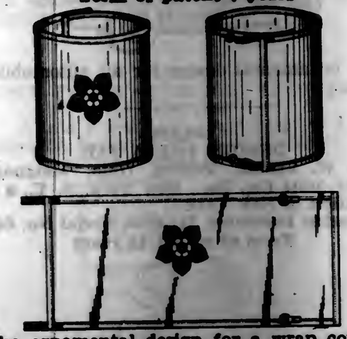
The ornamental design for a shoe substantially as shown.

108,316
DESIGN FOR A FLEXIBLE POCKET RECEPTACLE
Warner R. Buxton, Longmeadow, Mass.
Application December 21, 1937, Serial No. 73,777
Term of patent 14 years



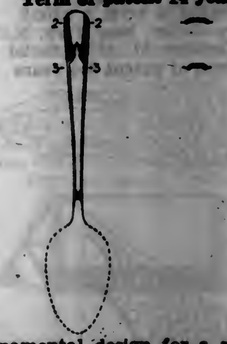
The ornamental design for a flexible pocket receptacle substantially as shown and described.

108,317
DESIGN FOR A WRAP COVER FOR CANNED PRODUCTS
Moses Buchalter, New York, N. Y.
Application November 27, 1937, Serial No. 73,231
Term of patent 7 years



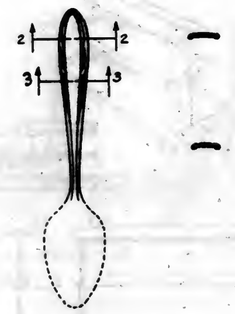
The ornamental design for a wrap cover for canned products, as shown.

108,318
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Edward J. Conroy, New Haven, Conn., assignor to International Silver Company, Meriden, Conn., a corporation of New Jersey
Application January 8, 1938, Serial No. 74,159
Term of patent 14 years



The ornamental design for a spoon or other article of flatware, substantially as shown and described.

108,319
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Marwood A. Downs, Muncie, Ind., assignor to Ontario Manufacturing Company, Muncie, Ind., a corporation
Application December 30, 1937, Serial No. 73,987
Term of patent 14 years



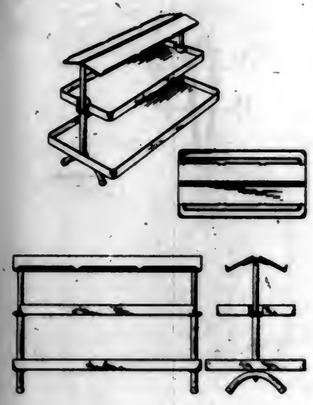
The ornamental design for a spoon or other article of flatware, substantially as shown.

108,320
DESIGN FOR A TENNIS SHOE
James F. Eldon, Binghamton, N. Y., assignor to Endicott Johnson Corporation, Endicott, N. Y., a corporation of New York
Application December 6, 1937, Serial No. 73,406
Term of patent 14 years



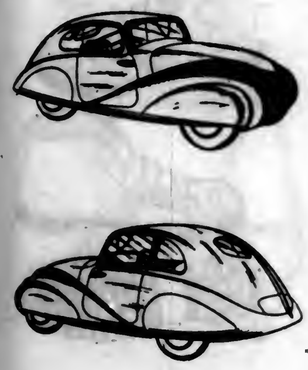
The ornamental design for a tennis shoe as shown.

106,221
DESIGN FOR A RACK FOR BREAD OR SIMILAR ARTICLES
Ernest R. Erickson, Des Moines, Iowa, assignor to C. R. Erickson Company, Incorporated, Des Moines, Iowa, a corporation of Iowa
Application June 7, 1937, Serial No. 69,711
Term of patent 7 years



The ornamental design for a rack for bread or similar articles substantially as shown.

106,222
DESIGN FOR AN AUTOMOBILE
Douglas Frederick Harold Fitzmaurice, London, England; Dorothy Jeannette Fitzmaurice administratrix of said Douglas F. H. Fitzmaurice, deceased
Application December 16, 1936, Serial No. 66,553
In Great Britain August 14, 1936
Term of patent 3½ years



The ornamental design for an automobile as shown.

106,223
DESIGN FOR AN AUTOMOBILE
Douglas Frederick Harold Fitzmaurice, London, England; Dorothy Jeannette Fitzmaurice administratrix of said Douglas F. H. Fitzmaurice, deceased
Application December 16, 1936, Serial No. 66,554
In Great Britain August 22, 1936
Term of patent 3½ years





The ornamental design for an automobile as shown.

106,224
DESIGN FOR A JAR
Edwin W. Fuerst, Toledo, Ohio, assignor to Duffy-Mott Co., Inc., New York, N. Y., a corporation of New York
Application December 24, 1936, Serial No. 66,728
Term of patent 14 years



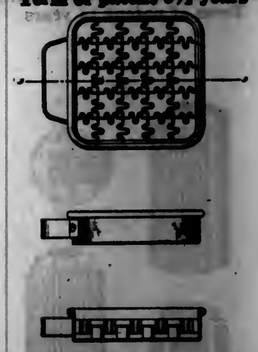
The ornamental design for a jar substantially as shown and described.

106,225
DESIGN FOR A SHOE
Harry Geller, New York, N. Y.
Application October 27, 1937, Serial No. 72,438
Term of patent 3½ years



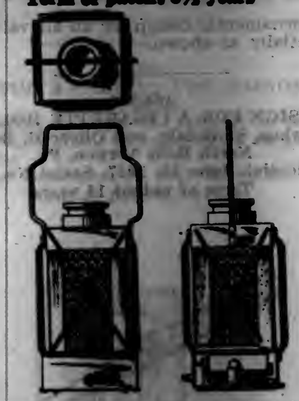
The ornamental design for a shoe as shown.

106,226
DESIGN FOR A CUTTER ELEMENT FOR FOOD CHOPPERS
Emery Earl Grow, Jacksonville, Fla.
Application October 25, 1937, Serial No. 72,422
Term of patent 3½ years



The ornamental design for a cutter element for food choppers, as shown.

106,227
DESIGN FOR A COMBINED LANTERN AND BOTTLE
Alfred J. Hertenau, New York, N. Y.
Application December 11, 1937, Serial No. 73,529
Term of patent 3½ years



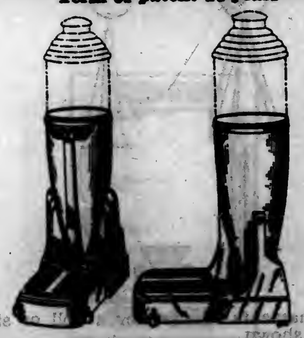
The ornamental design for a combined lantern and bottle as shown and described.

106,228
DESIGN FOR A TOY SIGN
Charles W. Jackson, Rocky River, Ohio
Application October 13, 1937, Serial No. 72,141
Term of patent 7 years



The ornamental design for a toy sign as shown.

106,229
DESIGN FOR A SCALE
Ode D. Jennings, Schaumburg Township, Cook County, Ill., assignor to O. D. Jennings & Company, Chicago, Ill., a corporation of Illinois
Application February 27, 1937, Serial No. 67,968
Term of patent 14 years



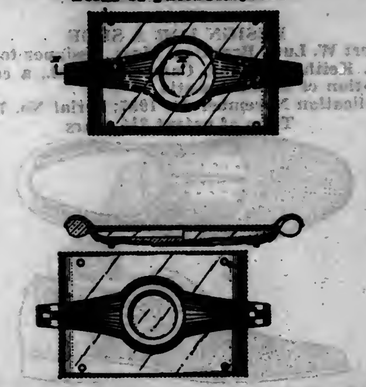
The ornamental design for a scale, as shown and described.

106,230
DESIGN FOR A LIPSTICK HOLDER
Martine Kane, New York, N. Y., assignor to Helena Rubinstein, Inc., a corporation of New York
Application June 18, 1937, Serial No. 69,899
Term of patent 7 years



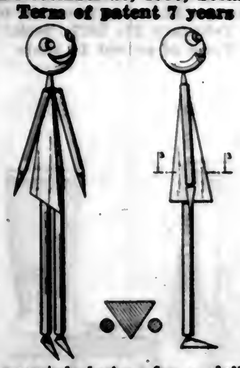
The ornamental design for a lipstick holder, as shown.

106,231
DESIGN FOR A TRAY OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,776
Term of patent 7 years



The ornamental design for a tray or similar article, substantially as shown.

108,332
DESIGN FOR A DOLL OR SIMILAR ARTICLE
Celeste K. Kempner, New York, N. Y.
Application December 20, 1937, Serial No. 73,737
Term of patent 7 years



The ornamental design for a doll or similar article, as shown.

108,333
DESIGN FOR A SHOE
Alfred D. Levine, Newton, Mass.
Application December 22, 1937, Serial No. 73,799
Term of patent 3½ years



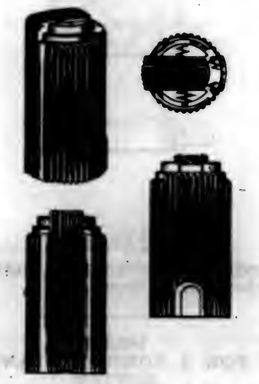
The ornamental design for a shoe, as shown and described.

108,334
DESIGN FOR A SHOE
Albert W. Lutz, Brockton, Mass., assignor to Geo. E. Keith Company, Campello, Mass., a corporation of Massachusetts
Application November 24, 1937, Serial No. 73,162
Term of patent 3½ years



The ornamental design for a shoe, as shown and described.

108,335
DESIGN FOR AN AIR VALVE CASING
Eugene J. Lux, New York, N. Y., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application December 20, 1937, Serial No. 73,772
Term of patent 14 years



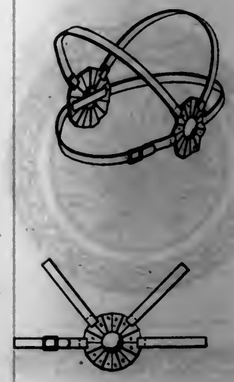
The ornamental design for an air valve casing substantially as shown.

108,336
DESIGN FOR A CIGARETTE HOLDER
John Lykos, Stockdale, and Oliver H. Beaumont, North Belle Vernon, Pa.
Application June 19, 1937, Serial No. 69,934
Term of patent 14 years



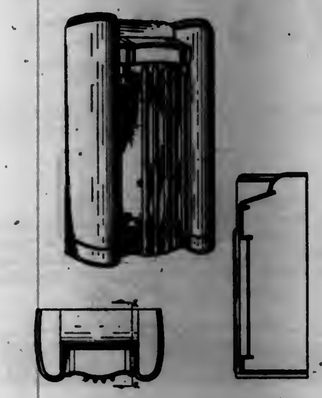
The ornamental design for a cigarette holder substantially as shown.

108,337
DESIGN FOR A SAFETY BELT FOR PEDESTRIANS
Thomas Earle Miller, Nashville, Tenn.
Application March 15, 1937, Serial No. 68,164
Term of patent 7 years



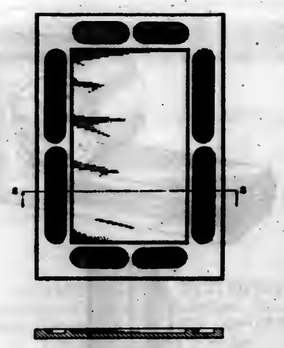
The ornamental design for a safety belt for pedestrians, as shown.

108,338
DESIGN FOR A CABINET FOR RADIOS AND THE LIKE
Nels A. Miller, Chicago, Ill., assignor to Seeburg Radio Corporation, Chicago, Ill., a corporation of Illinois
Application September 23, 1937, Serial No. 71,760
Term of patent 7 years



The ornamental design for a cabinet for radios and the like, substantially as shown.

108,339
DESIGN FOR A PICTURE FRAME
Murray Mitchell, New York, N. Y.
Application October 16, 1937, Serial No. 72,232
Term of patent 7 years



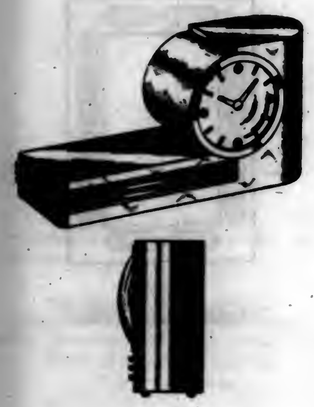
The ornamental design for a picture frame, as shown and described.

108,340
DESIGN FOR A SHOE
Frank Molea, New York, N. Y.
Application October 11, 1937, Serial No. 72,115
Term of patent 3½ years



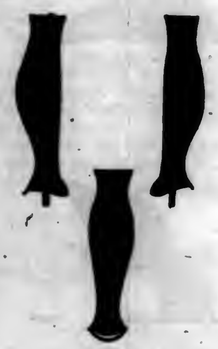
The ornamental design for a shoe, as shown and described.

106,241
DESIGN FOR A CLOCK
John R. Morgan, Oak Park, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application December 15, 1937, Serial No. 73,630
Term of patent 7 years



The ornamental design for a clock, as shown.

106,242
DESIGN FOR A TOP SOCK OR SIMILAR ARTICLE
Ann Morrison, New York, N. Y.
Application December 31, 1937, Serial No. 74,008
Term of patent 3½ years



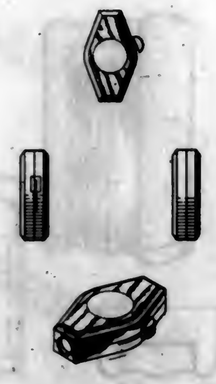
The ornamental design for a top sock or similar article, substantially as shown.

106,243
DESIGN FOR A MEDALLION OR THE LIKE
Irma Neu, New York, N. Y.
Application December 9, 1937, Serial No. 73,501
Term of patent 3½ years



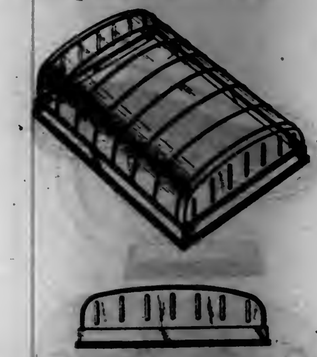
The ornamental design for a medallion or the like, substantially as shown and described.

106,244
DESIGN FOR AN ELECTRIC SWITCH
Johann G. Petersen, West Hartford, Conn.
Application October 21, 1937, Serial No. 72,354
Term of patent 14 years



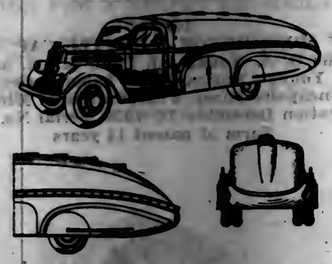
The ornamental design for an electric switch, substantially as shown.

106,245
DESIGN FOR A COMBINED ARTICLE CONTAINER AND DISPLAY CABINET
Thomas J. Pillied, Swanton, Ohio, assignor to The Pillied Cabinet Company, Swanton, Ohio, a corporation of Ohio
Application September 20, 1937, Serial No. 71,695
Term of patent 7 years



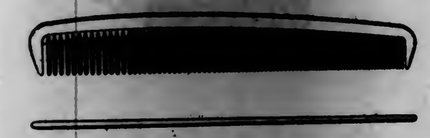
The ornamental design for a combined article container and display cabinet, substantially as shown.

106,246
DESIGN FOR A FUEL TANK TRUCK
Alexis de Sakhnoffsky, Philadelphia, Pa., assignor to The White Motor Company, Cleveland, Ohio
Application January 21, 1937, Serial No. 67,192
Term of patent 7 years



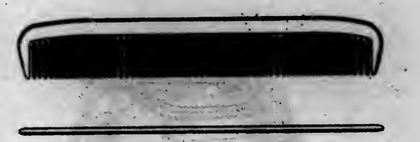
The ornamental design for a fuel tank truck as shown and described.

106,247
DESIGN FOR A COMB
Herman J. Scheihammer, Whitestone, N. Y., assignor to American Hard Rubber Company, New York, N. Y., a corporation of New York
Application November 16, 1937, Serial No. 72,926
Term of patent 14 years



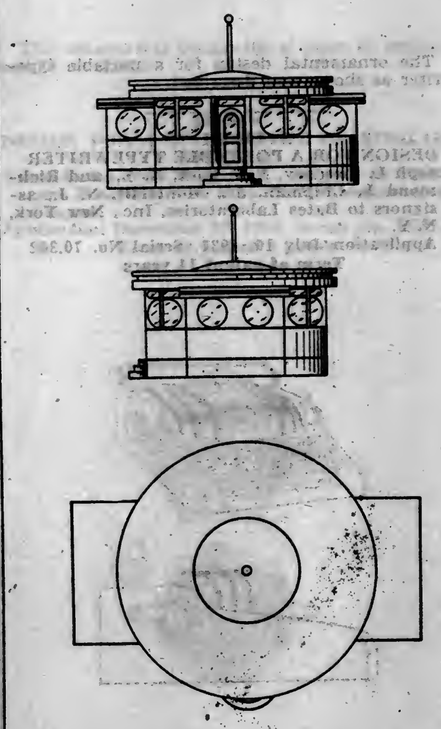
The ornamental design for a comb as shown and described.

106,248
DESIGN FOR A COMB
Herman J. Scheihammer, Whitestone, N. Y., assignor to American Hard Rubber Company, New York, N. Y., a corporation of New York
Application November 16, 1937, Serial No. 72,991
Term of patent 14 years



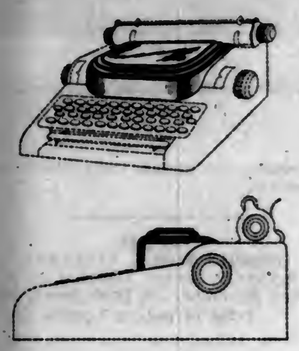
The ornamental design for a comb as shown and described.

106,249
DESIGN FOR A BUILDING
Arthur E. Sieber, Haledon, N. J.
Application November 22, 1937, Serial No. 73,099
Term of patent 7 years



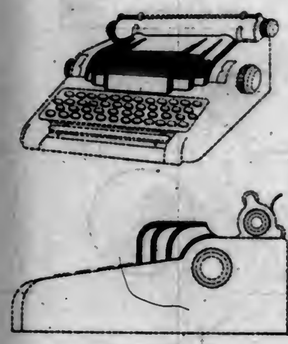
The ornamental design for a building substantially as shown.

168,350
DESIGN FOR A PORTABLE TYPEWRITER
Joseph L. Sweeney, New York, N. Y., and Richmond L. Chipman, Jr., Montclair, N. J., assignors to Bates Laboratories, Inc., New York, N. Y.
Application July 10, 1937, Serial No. 70,361
Term of patent 14 years



The ornamental design for a portable typewriter as shown and described.

168,351
DESIGN FOR A PORTABLE TYPEWRITER
Joseph L. Sweeney, New York, N. Y., and Richmond L. Chipman, Jr., Montclair, N. J., assignors to Bates Laboratories, Inc., New York, N. Y.
Application July 10, 1937, Serial No. 70,362
Term of patent 14 years



The ornamental design for a portable typewriter as shown and described.

168,352
DESIGN FOR A FOOT BATH TRAY
Clarence L. Weirich, Westport, Conn., assignor to The C. B. Dolge Company, Westport, Conn., a corporation of Connecticut
Application December 15, 1937, Serial No. 73,643
Term of patent 14 years



The ornamental design for a foot bath tray as shown.

168,353
DESIGN FOR A BOTTLE CAP
Serenus H. A. Young, St. Paul, Minn., assignor to Young Engineering Laboratories, Inc., Minneapolis, Minn., a corporation of Minnesota
Application December 16, 1936, Serial No. 66,576
Term of patent 14 years



The ornamental design for a bottle cap, as shown and described.

168,354
DESIGN FOR A TEACUP OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,928
Term of patent 7 years



The ornamental design for a teacup or similar article, as shown.

168,355
DESIGN FOR A TEAPOT OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,929
Term of patent 7 years



The ornamental design for a teapot or similar article, as shown.

168,356
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,930
Term of patent 7 years



The ornamental design for a plate or similar article, as shown.

168,357
DESIGN FOR A SUGAR BOWL OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,931
Term of patent 7 years



The ornamental design for a sugar bowl or similar article, as shown.

108,358
DESIGN FOR A CREAMER OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,932
Term of patent 7 years



The ornamental design for a creamer or similar article, as shown.

108,359
DESIGN FOR A JUG OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,933
Term of patent 7 years



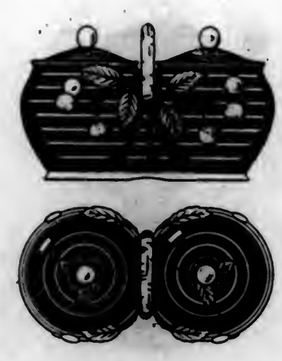
The ornamental design for a jug or similar article, as shown.

108,360
DESIGN FOR A BOWL OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,936
Term of patent 7 years



The ornamental design for a bowl or similar article, as shown.

108,361
DESIGN FOR A JAR OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,937
Term of patent 7 years



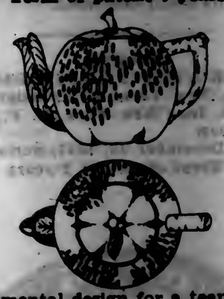
The ornamental design for a jar or similar article, as shown.

108,362
DESIGN FOR A TEAPOT OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,938
Term of patent 7 years



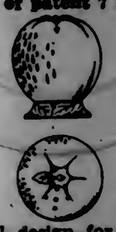
The ornamental design for a teapot or similar article, as shown.

108,363
DESIGN FOR A TEAPOT OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,939
Term of patent 7 years



The ornamental design for a teapot or similar article, as shown.

108,364
DESIGN FOR A SALT OR PEPPER SHAKER
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,940
Term of patent 7 years



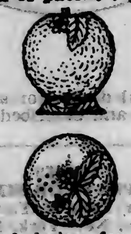
The ornamental design for a salt or pepper shaker, as shown.

108,365
DESIGN FOR A SALT OR PEPPER SHAKER
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,941
Term of patent 7 years



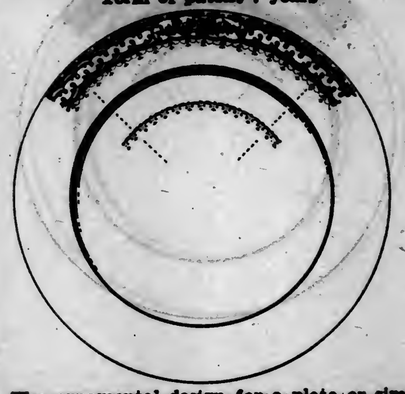
The ornamental design for a salt or pepper shaker, as shown.

108,366
DESIGN FOR A SALT OR PEPPER SHAKER
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,942
Term of patent 7 years



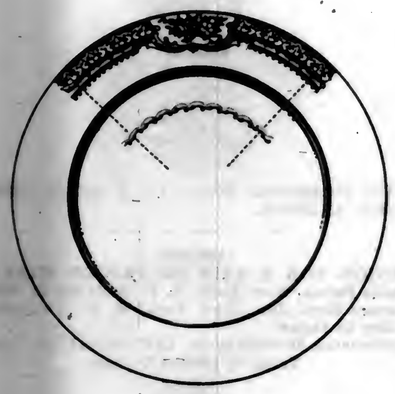
The ornamental design for a salt or pepper shaker, as shown.

108,367
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,944
Term of patent 7 years



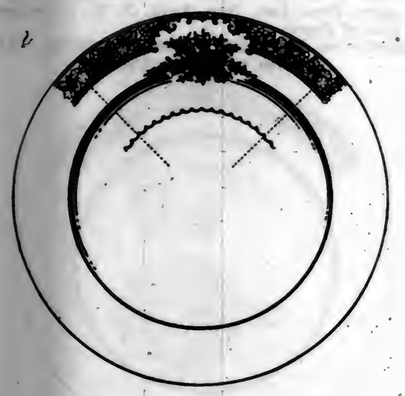
The ornamental design for a plate or similar article, as shown and described.

168,368
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,945
Term of patent 7 years



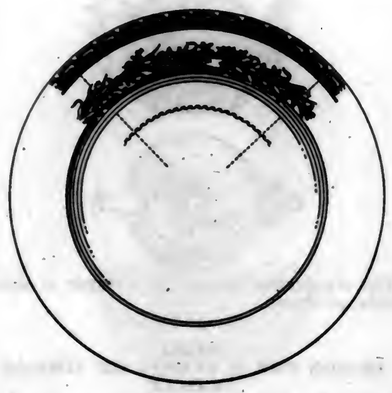
The ornamental design for a plate or similar article, as shown and described.

168,369
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,946
Term of patent 7 years



The ornamental design for a plate or similar article, as shown and described.

168,370
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,947
Term of patent 7 years



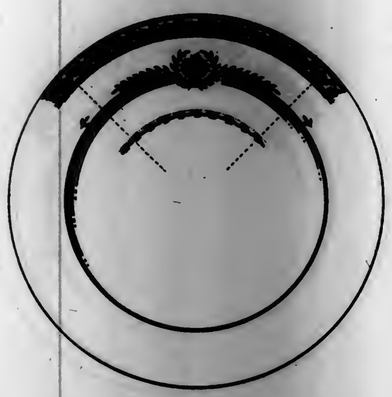
The ornamental design for a plate or similar article, as shown and described.

168,371
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,948
Term of patent 7 years



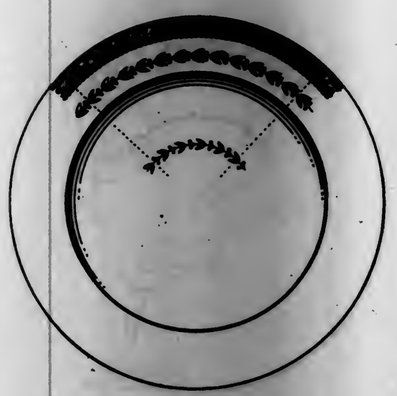
The ornamental design for a plate or similar article, as shown and described.

168,372
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,949
Term of patent 7 years



The ornamental design for a plate or similar article, as shown and described.

168,373
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,950
Term of patent 7 years



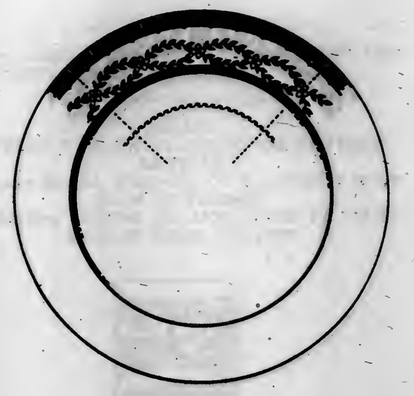
The ornamental design for a plate or similar article, as shown and described.

168,374
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,951
Term of patent 7 years



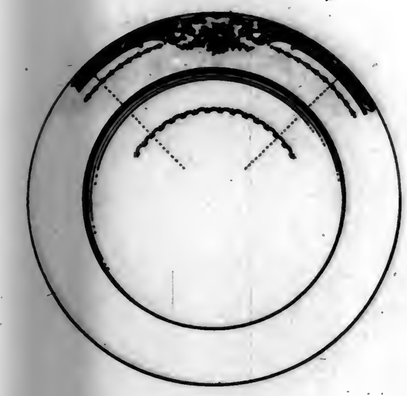
The ornamental design for a plate or similar article, as shown and described.

168,375
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,952
Term of patent 7 years



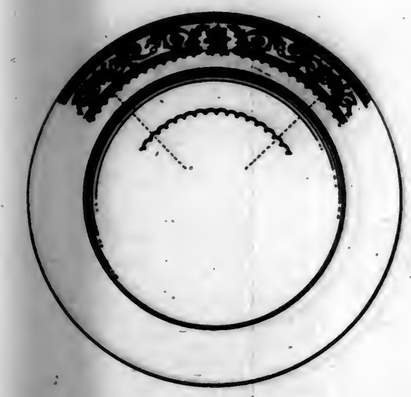
The ornamental design for a plate or similar article, as shown and described.

108,276
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,953
Term of patent 7 years



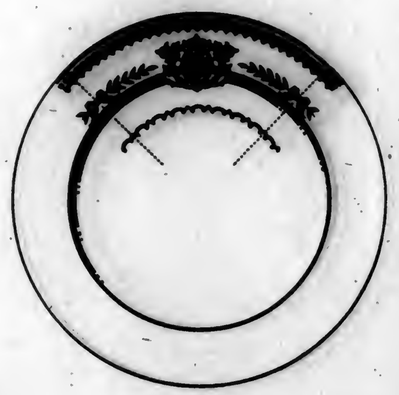
The ornamental design for a plate or similar article, as shown and described.

108,277
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,954
Term of patent 7 years



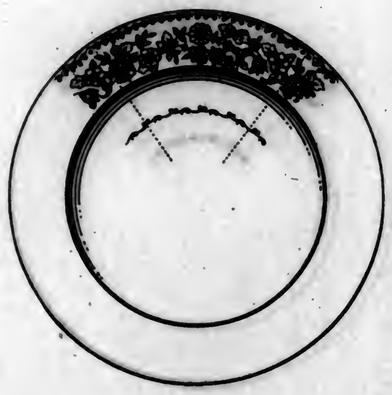
The ornamental design for a plate or similar article, as shown and described.

108,278
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,955
Term of patent 7 years



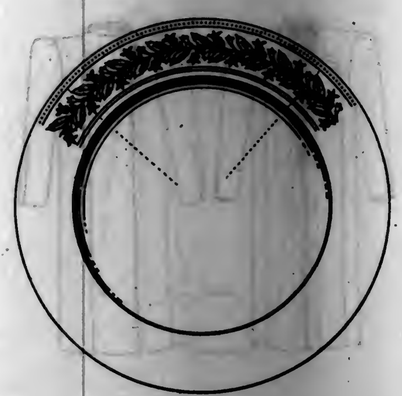
The ornamental design for a plate or similar article, as shown and described.

108,279
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,956
Term of patent 7 years



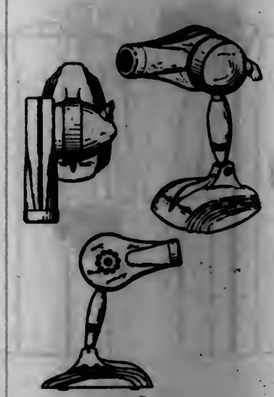
The ornamental design for a plate or similar article, as shown and described.

108,280
DESIGN FOR A PLATE OR SIMILAR ARTICLE
Yukio Buma, New York, N. Y., assignor to Morimura Bros. Inc., New York, N. Y., a corporation of Japan
Application December 29, 1937, Serial No. 73,957
Term of patent 7 years



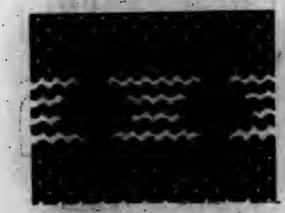
The ornamental design for a plate or similar article, as shown and described.

108,281
DESIGN FOR A HAIR DRIER OR THE LIKE
David Chapman, Chicago, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application December 14, 1937, Serial No. 73,592
Term of patent 7 years



The ornamental design for a hair drier or the like, substantially as shown.

108,282
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Louis N. Gross, Cleveland, Ohio
Application October 18, 1937, Serial No. 72,146
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, substantially as shown and described.

108,283
DESIGN FOR A STORE FRONT
Mortimer Levitt, New York, N. Y.
Application November 18, 1937, Serial No. 72,982
Term of patent 14 years



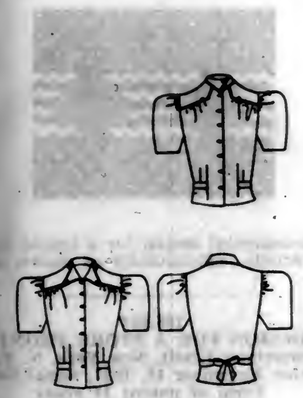
The ornamental design for a store front substantially as shown and described.

108,284
DESIGN FOR A TAX STAMP OR SIMILAR ARTICLE
Anthony Rabito, Elmhurst, N. Y., assignor to the State of Vermont
Application October 16, 1937, Serial No. 72,221
Term of patent 3½ years



The ornamental design for a tax stamp or similar article, substantially as shown and described.

108,285
DESIGN FOR A BLOUSE
Israel Abzug, New York, N. Y.
Application January 4, 1938, Serial No. 74,070
Term of patent 3½ years



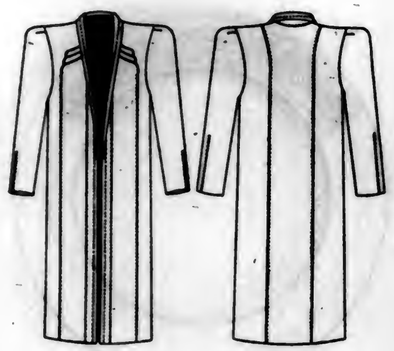
The ornamental design for a blouse substantially as shown.

108,286
DESIGN FOR A COAT
Max Bagodonow, New York, N. Y.
Application December 28, 1937, Serial No. 73,968
Term of patent 3½ years



The ornamental design for a coat substantially as shown.

108,287
DESIGN FOR A COAT
Max Bagodonow, New York, N. Y.
Application December 28, 1937, Serial No. 73,969
Term of patent 3½ years



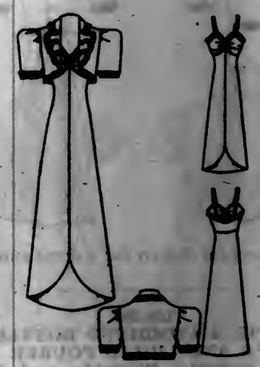
The ornamental design for a coat substantially as shown and described.

108,288
DESIGN FOR A COAT
Max Bagodonow, New York, N. Y.
Application December 28, 1937, Serial No. 73,910
Term of patent 3½ years



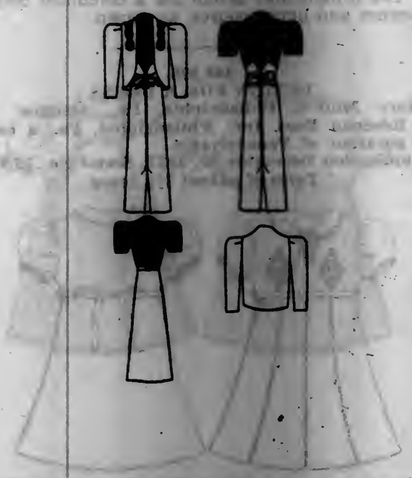
The ornamental design for a coat substantially as shown.

108,289
DESIGN FOR A DRESS ENSEMBLE
Carl H. Colcord, New York, N. Y.
Application December 11, 1937, Serial No. 73,524
Term of patent 3½ years



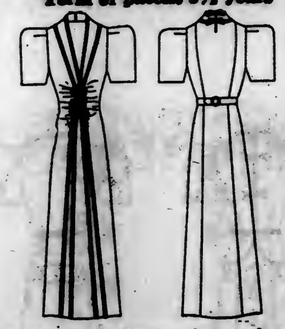
The ornamental design for a dress ensemble substantially as shown.

108,290
DESIGN FOR A DRESS ENSEMBLE
Tera Coleman, New York, N. Y.
Application January 12, 1938, Serial No. 74,213
Term of patent 3½ years



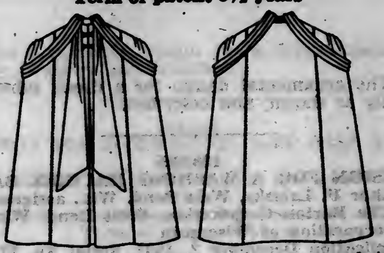
The ornamental design for a dress ensemble substantially as shown.

108,291
DESIGN FOR A DRESS
Tera Coleman, New York, N. Y.
Application January 12, 1938, Serial No. 74,214
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

108,292
DESIGN FOR A WRAP
Leo Halpern, New York, N. Y.
Application January 12, 1938, Serial No. 74,249
Term of patent 3½ years



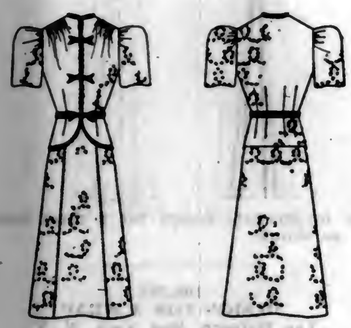
The ornamental design for a wrap, substantially as shown.

108,293
DESIGN FOR A TEXTILE FABRIC
Allen S. Hatcher, Mount Holly, N. J.
Application January 12, 1938, Serial No. 74,229
Term of patent 3½ years



The ornamental design for a textile fabric substantially as shown.

168,394
DESIGN FOR A DRESS
Rose Hochberg, New York, N. Y.
Application December 17, 1937, Serial No. 73,672
Term of patent 3½ years



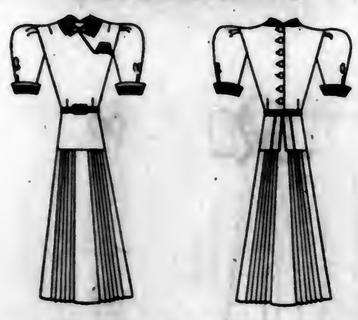
The ornamental design for a dress, substantially as shown, and described.

168,395
DESIGN FOR A WASHING MACHINE BASE
Arthur H. Labisky, West Bend, Wis., assignor to The Barton Corporation, West Bend, Wis., a corporation of Wisconsin
Application December 2, 1937, Serial No. 73,312
Term of patent 14 years



The ornamental design for a washing machine base as shown and described.

168,396
DESIGN FOR A DRESS
Harry Lowenbraun, Brooklyn, N. Y.
Application January 11, 1938, Serial No. 74,196
Term of patent 3½ years



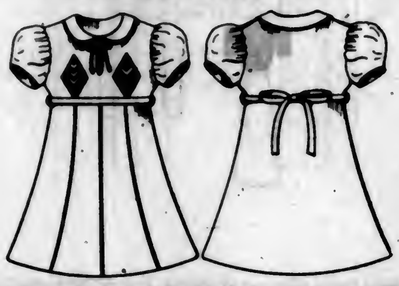
The ornamental design for a dress substantially as shown.

168,397
DESIGN FOR A COMBINED BOTTLE STOPPER AND LIQUID POURER
Clifford A. McBride, Riverside, and Percy J. Callowhill, Edgewood, R. I.; said Callowhill assignor to said McBride
Application August 21, 1937, Serial No. 71,224
Term of patent 14 years



The ornamental design for a combined bottle stopper and liquid pourer, as shown.

168,398
DESIGN FOR A DRESS
Mary Mullen, Philadelphia, Pa., assignor to Rosenau Bros. Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application December 29, 1937, Serial No. 73,920
Term of patent 3½ years



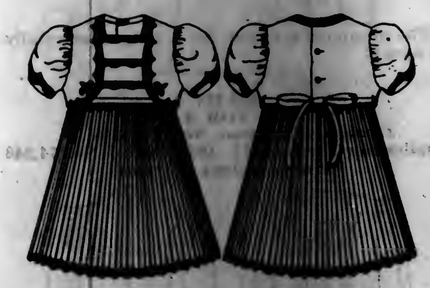
The ornamental design for a dress as shown.

168,399
DESIGN FOR A DRESS
Mary Mullen, Philadelphia, Pa., assignor to Rosenau Bros. Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application December 29, 1937, Serial No. 73,921
Term of patent 3½ years



The ornamental design for a dress as shown.

168,400
DESIGN FOR A DRESS
Mary Mullen, Philadelphia, Pa., assignor to Rosenau Bros. Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application December 29, 1937, Serial No. 73,922
Term of patent 3½ years



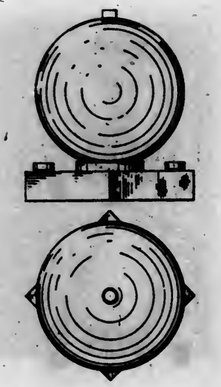
The ornamental design for a dress as shown.

168,401
DESIGN FOR A DRESS
Marie Pene, New York, N. Y.
Application December 4, 1937, Serial No. 73,368
Term of patent 3½ years



The ornamental design for a dress substantially as shown and described.

168,402
DESIGN FOR A COMBINED LAMP BASE AND RADIO
Noel E. Pool and Fred N. Curby, Salt Lake City, Utah
Application December 28, 1937, Serial No. 66,782
Term of patent 7 years



The ornamental design for a combined lamp base and radio, as shown.

108,403
DESIGN FOR A BEDSPREAD
Gerhardt H. Rauschenberg, Dalton, Ga.
Application January 12, 1938, Serial No. 74,227
Term of patent 3½ years



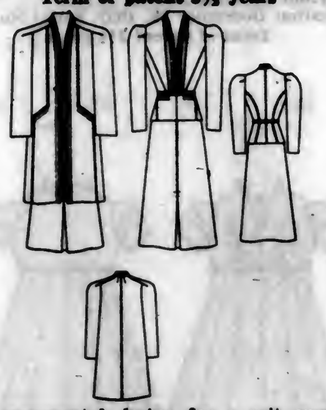
The ornamental design for a bedspread, substantially as shown.

108,404
DESIGN FOR A SWEATER
Martin H. Scheinwald, New York, N. Y.
Application January 14, 1938, Serial No. 74,277
Term of patent 3½ years



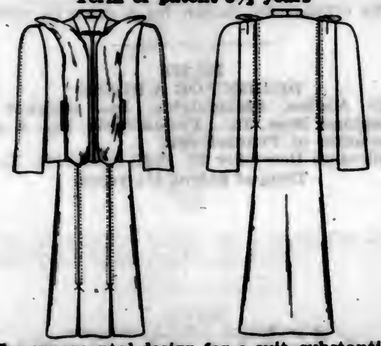
The ornamental design for a sweater, substantially as shown.

108,405
DESIGN FOR A SUIT ENSEMBLE
Jacob A. Silverman, New York, N. Y.
Application January 8, 1938, Serial No. 74,148
Term of patent 3½ years



The ornamental design for a suit ensemble, substantially as shown.

108,406
DESIGN FOR A SUIT
Jacob A. Silverman, New York, N. Y.
Application January 8, 1938, Serial No. 74,152
Term of patent 3½ years



The ornamental design for a suit, substantially as shown.

108,407
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application January 12, 1938, Serial No. 74,240
Term of patent 3½ years



The ornamental design for a coat, substantially as shown.

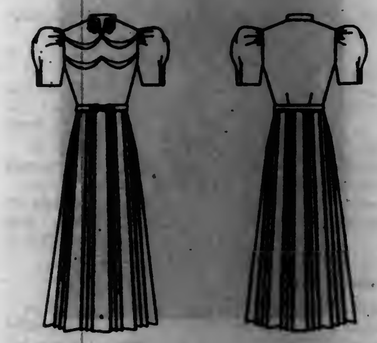
108,408
DESIGN FOR A TEXTILE FABRIC
Florence B. Sterman, New York, N. Y.
Application December 27, 1937, Serial No. 73,869
Term of patent 7 years



The ornamental design for a textile fabric, substantially as shown.

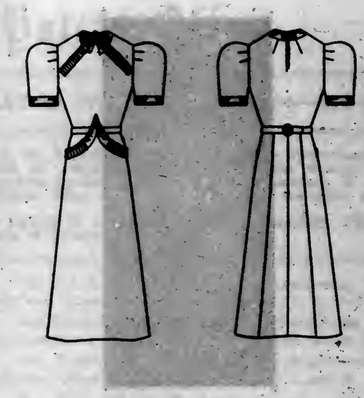
108,409
WITHDRAWN

108,410
DESIGN FOR A DRESS
Samuel Zahn, New York, N. Y.
Application January 6, 1938, Serial No. 74,122
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

108,411
DESIGN FOR A DRESS
Samuel Zahn, New York, N. Y.
Application January 8, 1938, Serial No. 74,146
Term of patent 3½ years



The ornamental design for a dress, substantially as shown and described.

108,412
DESIGN FOR A WOVEN TEXTILE FABRIC
Joseph George Levy, New York, N. Y., assignor to Louis Newman, New York, N. Y.
Application December 23, 1937, Serial No. 73,814
Term of patent 3½ years



The ornamental design for a woven textile fabric substantially as shown.

108,413
DESIGN FOR AN EMBROIDERED FABRIC
Albert Ruchman, New York, N. Y.
Application January 17, 1938, Serial No. 74,364
Term of patent 3½ years



The ornamental design for an embroidered fabric, substantially as shown, and described.

108,414
DESIGN FOR A TEXTILE FABRIC
Mark Turpan, West New York, N. J.
Application January 12, 1938, Serial No. 74,233
Term of patent 7 years



The ornamental design for a textile fabric substantially as shown.

108,415
DESIGN FOR A TEXTILE FABRIC
Mark Turpan, West New York, N. J.
Application January 12, 1938, Serial No. 74,234
Term of patent 7 years



The ornamental design for a textile fabric substantially as shown.

108,416
DESIGN FOR A TEXTILE FABRIC
Mark Turpan, West New York, N. J.
Application January 12, 1938, Serial No. 74,235
Term of patent 7 years



The ornamental design for a textile fabric, substantially as shown.

Patents Nos. 2,108,031 to 2,108,784

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February 15, 1938

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Labels	16—No.	50,719 to No.	50,734, inclusive.
Prints	4—No.	16,692 to No.	16,695, inclusive.
Reissues	4—No.	20,652 to No.	20,655, inclusive.
Plant Patents	1—No.	271	
Patents	754—No.	2,108,031 to No.	2,108,784, inclusive.
Designs	115—No.	108,417 to No.	108,531, inclusive.
Total	1,173		

Adjudicated Patents

(D. C. Del.) Johnston patent, No. 1,388,434, for method and apparatus for butt-welding thin-gage tubing, claims 1 and 2 *Held* valid and infringed. *Steel & Tubes* v. *Clayton Mark & Co.*, 21 F. Supp. 326.

(D. C. Del.) Belmont patent, No. 1,611,875, for welding apparatus, claims 1 and 2 *Held* valid and infringed. *Id.*

(C. C. A. Ill.) Nordendale patent, No. 1,718,176, for die-punching method, *Held* invalid. *Thorderson Electric Mfg. Co.* v. *General Transformer Corporation*, 93 F.(2d) 36.

Adverse Decisions in Interference

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 2,030,676, L. W. Atchison, Refrigerating system, decided January 25, 1938, claim 1.

Pat. 2,040,443, H. G. Pashoian, Paper clip, decided January 26, 1938, claims 1, 2, and 4.

Pat. 2,044,268, H. E. Williams, Amusement apparatus, decided January 26, 1938, claims 1, 2, 3, and 4.

Pat. 2,049,545, R. F. Ostrander, Ventilating heater for automobiles, decided January 26, 1938, claim 2.

Pat. 2,059,394, A. F. Randolph, Plastic composition, decided January 25, 1938, claims 1, 2, and 5.

Pat. 2,067,797, R. W. Smith, Circuit breaker, decided January 22, 1938, claims 1, 2, 3, and 4.

Disclaimers

2,026,959.—*Eric H. Bradley*, Cincinnati, Ohio. LIQUID DISPENSING APPARATUS. Patent dated January 7, 1936. Disclaimer filed January 26, 1938, by the assignee, *National Pumps Corporation*.

Hereby enters this disclaimer to claims 9 and 10 of said patent.

2,056,896.—*James K. Douglas*, Milwaukee, Wis. HYDRAULIC TRANSMISSION. Patent dated October 6, 1936. Disclaimer filed January 22, 1938, by the assignee, *The Oilgear Company*.

Hereby enters this disclaimer to claims 5 and 6, except when the displacement varying means specified in said claims is operated by power supplied from a source other than said pump.

Notice—Attorney's Address

Many letters are being returned to this Office for lack of street address. The attorney's full post-office address should be given in every power of attorney. The prompt delivery of communications will thereby be facilitated.

Amendments to Amendments

RULE 74. When an amendatory clause is amended, it must be wholly rewritten, so that no interlineation or erasure shall appear in the clause, as finally amended, when the application is passed to issue. If the number or nature of the amendments shall render it otherwise difficult to consider the case or to arrange the papers for printing or copying, the Examiner or Commissioner may require the entire specification to be rewritten.

Examiner's Letters and Amendments

Examiners are directed to recite in each letter in an application the date of the action by the applicant to which it is a reply, and applicants are requested to indicate in their actions on an application the date of the last Office letter.

Condition of Applications Under Examination at Close of Business January 29, 1938

(Total number of applications awaiting action, excluding Trade-Mark Division, 43,274; Trade-Mark Division, 1,748. Oldest new case, July 24, 1937; oldest amended, July 6, 1937.)

(The dates given are 1937 except where † indicates 1938)

Room No.	Divisions, Examiners, and Subjects of Inventions	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fences; Gates; Tillage.	Aug. 30	Aug. 31	697
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Sept. 16	Sept. 15	821
4008	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Dec. 2	Nov. 30	371
7083	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brake.	Oct. 27	Oct. 6	512
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	Nov. 1	Nov. 1	538
4006C	6. LEWERS, A. M., Carbon Chemistry (part)	Oct. 7	Oct. 16	799
5726	7. JARBOE, C. O., Optics; Photography	Oct. 15	Oct. 13	1,104
3005	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Oct. 18	Oct. 25	539
4024	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Oct. 2	Oct. 7	457
6612	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies, and Tops; Vehicle Fenders; Spring Devices.	Sept. 23	Sept. 22	773
3067B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Oct. 15	Oct. 18	530
7701	12. HENRY, O. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Aug. 26	Aug. 26	775
5006	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging, and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Sept. 22	Sept. 22	498
5007	14. SMITH, O. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Nov. 4	Nov. 4	495
4007	15. HENKIN, BENJ., Glass; Plastic Block and Earthenware Apparatus; Plastics	Oct. 11	Oct. 11	1,196
5716	16. SPENCER, O. J., Telegraphy; Telephony	Sept. 20	Sept. 20	571
5701	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Oct. 20	Oct. 20	530
4012	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Sept. 28	Sept. 28	498
4006	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Oct. 3	Oct. 3	714
6606	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Oct. 4	Oct. 4	457
7723	21. THOMPSON, T. J., Textiles; Cloth Finishing	Oct. 29	Oct. 29	540
5600	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Nov. 3	Nov. 3	802
7624	23. BUTTNER, W. J., Registers (part)	July 24	July 6	323
5053	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Nov. 3	Nov. 3	623
5709	25. BLAKELY, C. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminutors.	Oct. 14	Oct. 19	509
5808	26. YOUNG, R. R., Electricity, Generation; Motive Power	Sept. 30	Oct. 6	495
5708	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Aug. 11	Aug. 11	942
4626	28. SOLYOM, H. L., Internal-Combustion Engines	Nov. 8	Oct. 18	326
5082	29. SHKLARIN, J. B., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Baggage; Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Sept. 11	Sept. 11	847
4003	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Aug. 20	Aug. 24	675
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Oct. 29	Nov. 2	588
4026	32. LESH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Oct. 23	Oct. 23	553
6006	33. WYMAN, W. L., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Nov. 3	Oct. 21	782
6625	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Nov. 8	Nov. 9	295
3876	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Oct. 25	Nov. 4	484
7602	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Sept. 29	Sept. 28	533
5806B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Sept. 25	Sept. 28	771
3084	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Wells; Plastic Compositions.	Sept. 9	Sept. 10	662
4878	39. WHITNEY, F. L., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Sept. 25	Sept. 26	634
7690	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Sept. 25	Sept. 27	1,313
7612	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Oct. 22	Oct. 11	267
5002	42. CUTTING, H. O., Electric Signaling	Sept. 23	Sept. 8	831
4006B	43. KLINGE, E. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Oct. 26	Oct. 26	853
4007B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Aug. 30	Sept. 1	792
7003	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanism; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Oct. 9	Oct. 13	710
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Oct. 2	Oct. 2	640
6002	47. LOWE, E. R. (Act.), Clutches; Brakes	Oct. 28	Oct. 26	630
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Oct. 18	Oct. 20	544
7728	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Aug. 9	Aug. 9	551
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Oct. 29	Oct. 29	673
5628	51. BACKUS, C. D., Radiant Energy	Oct. 22	Oct. 22	508
7700	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Oct. 15	Oct. 21	960
6007	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Oct. 4	Oct. 1	771
5874	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Nov. 23	Nov. 11	367
6063	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Sept. 7	Sept. 7	1,079
4726	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Sept. 7	Sept. 10	1,167
6013	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Oct. 4	Oct. 4	510
5605	58. DOWELL, E. F., Abrading; Bottles and Jars	Oct. 14	Oct. 1	340
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Oct. 28	Nov. 2	613
5806	60. GLASS, E. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Oct. 1	Oct. 1	552
6724	61. PARKS, G. E., Laminated Electrical Insulation, Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Aug. 10	Aug. 11	667
5621	62. PUOH, E. C., Games; Geometrical Instruments	Nov. 2	Nov. 3	530
4502	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Oct. 22	Nov. 3	411
4708	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Oct. 14	Oct. 15	1,113
5612	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Sept. 27	Sept. 22	660
2006B	Trade-Marks, Labels, and Prints: F. A. RICHMOND { Trade-Marks / Labels and Prints	Dec. 17 / Dec. 20	†Jan. 3 / †Jan. 14	1,445 / 262
2606	Designs, H. H. KALUPY	†Jan. 3	†Jan. 10	636

DECISIONS IN PATENT AND TRADE-MARK CASES

Supreme Court of the United States

TEXTILE MACHINE WORKS
v.
LOUIS HIRSCH TEXTILE MACHINES, INC.
No. 62. Decided January 3, 1938
[302 U. S. —]

1. PATENTABILITY—ATTACHMENT FOR KNITTING MACHINES.

Claims for an attachment for "flat" knitting machines *Held* invalid for lack of invention over the prior art.

2. SAME—ADDITION OF ELEMENT TO OLD COMBINATION.

"The addition of a new and useful element to an old combination may be patentable; but the addition must be the result of invention rather than the mere exercise of the skill of the calling, and not one plainly indicated by the prior art."

3. SAME—COMMERCIAL SUCCESS.

"Commercial success may be decisive where invention is in doubt, but an insuperable obstacle to the invocation of that doctrine here is our inability, like that of the court below, to say "that an art which knew how to reinforce 'full-fashioned' webs without re-entrant angles, and straight edged webs with such angles, required some uncommon talent merely to conceive of combining the two . . ."

ON WRIT of certiorari to the United States Circuit Court of Appeals for the Second Circuit.

Affirmed.

Mr. Charles H. Howson (*Mr. Hubert Howson*, *Mr. Dexter N. Shaw*, and *Mr. William A. Smith, Jr.*, with him on the brief) for petitioner.

Mr. Samuel E. Darby, Jr. (*Mr. Walter A. Darby* with him on the brief) for respondent.

Mr. Justice STONE delivered the opinion of the Court.

This case comes here on certiorari, 301 U. S. 680, to review a decree, in a patent infringement suit, of the Court of Appeals for the Second Circuit, which reversed the district court and held invalid claims 1, 3, 14, and 15 of the Schletter Patent No. 1,713,628 of 1929, for an attachment for flat knitting machines. 87 F.(2d) 702. The Court of Appeals for the Third Circuit had previously held these claims valid and infringed in *Alfred Hofmann, Inc., v. Textile Machine Works*, 71 F.(2d) 973. The patent is for an attachment for "flat" or "straight" knitting machines including machines of the "full-fashioned" type. By use of the attachment, as the specifications state,

"yarn-guides can be accurately controlled to lay a yarn over a distance less than the full length of a course being knitted, as for reinforcing or for so-called split-seam work wherein sections of fabric are connected by suture seams."

The attachment, it is stated, may be used for "fashioning designs, as clocks, upon hosiery."

Flat knitting machines are adaptable to use in the manufacture of full-fashioned garments such as stockings, underwear, or sweaters. A characteristic feature of the manufacture is that the garment, or a portion of it, is knitted in a flat web which, in the course of knitting, is shaped by variation of its width, in such a way that it conforms to the contour of the body to be fitted, when its shaped edges are united in a seam. The desired variations in width are secured through control of the traverse or "throw" of the yarn guide which brings the yarn to the needles of the machine as they knit the web. They may be and usually are set up as multiple units in a single machine capable of knitting simultaneously a number of garments of the same type.

The object of the patented attachment in providing accurate controls for yarn guides laying a yarn over a distance less than the full width of a fabric being knitted, is either to knit an additional yarn over a particular area of the main body of the fabric so as to strengthen it or form upon it an ornamental design, or to insert in it "split-seam work", which is a portion of the main fabric knitted with a separate yarn and forming a distinctive design. The attachment makes it possible to lengthen and shorten the throw of the yarn guide, and thus to form designs with reentrant angles in both reinforcement and split-seam work.

The patented device embraces a rotatable spindle having threads cut upon it, in reverse, on opposite sides of its central portion, with a nut mounted upon each of its two threaded parts and moved by its revolutions so that when the spindle is turned in the one direction or the other the nuts are moved by the reversely threaded screws toward or away from each other. Carried on the nuts so as to move with them are yarn carrier stops which are so adapted and located as to serve as controls to limit the travel of carrier rods which have mounted on them the yarn guides. The function of the mechanism is to control the movement of the stops which in turn control the distance of travel of the yarn guides. This is accomplished by the movement of the stop nuts toward or away from each other by the rotation of the threaded spindle in the appropriate direction.

Movement in conformity to a desired pattern is effected by the transmission of power from the main cam shaft of the knitting machine to two ratchet wheels mounted on the end of the threaded spindle, each with an actuating pawl. The two pawls are in such relationship that when one operates its complementary ratchet wheel the spindle will rotate in one direction, and when the other operates its complementary ratchet wheel the spindle will turn in the opposite direction. The operation of the ratchet wheels is controlled by means of buttons, arranged on two endless belts propelled by the main cam shaft. The buttons attached to one of the belts serve to actuate a mechanism which pushes both pawls. The buttons affixed to the other belt govern a mechanism that selectively engages one or the other of the two pawls, and thus determines the direction in which the spindle and

hence the stops are to move. By suitable spacing of the buttons on the belts, the motion, which is to be imparted to the stops through the intermediate apparatus, is controlled in such fashion as to fix in advance the length of throw and hence the outline of the design which is to be incorporated in the main fabric by reinforcement or split-seam work.

Claim 14, which may be taken as typical, defines the invention as the combination

"In a straight knitting machine [*a*] a set of yarn guide carrier bars for operating yarn guides traveling less than the full width of the fabric being knitted, [*b*] a spindle having reversed screw threads, [*c*] stops operated by said spindle, [*d*] means for turning the spindle in either direction, [*e*] pattern-controlled means for determining the time of operation of the spindle, and [*f*] pattern-controlled means for determining the direction of rotation of the spindle."

As early as 1912, 10 years before Schletter's original application of June, 1922, from which his patent dates, the art had devised an attachment for full-fashioned knitting machines, commercially used for reinforcing the heel portion of the stocking. One form, known as the Gotham, comprised a reversely threaded spindle, on the threads of which were mounted stops moving toward each other when the spindle rotated in one direction, and away from each other when the spindle turned in the opposite direction. The traveling stops controlled the throw of carrier bars with yarn guides which lay a reinforcing yarn at the heel of the stocking. As the reinforcement was triangular with the point above the heel gradually widening below without reentrant angles, it was needful to rotate the spindle automatically in but one direction in order to complete the pattern. When the reinforcement had been knitted the spindle was rotated by hand in the reverse direction, or "racked out", until the stops were restored to their initial position, ready to knit the next stocking. A means for automatically rotating the spindle in the desired single direction was provided by a ratchet wheel mounted on the spindle, which was worked by a pawl pushed by a cam on the main shaft; the operation of the pawl was controlled by a mechanism actuated by a "button" type of pattern belt or chain. The reinforcement could not be knitted from a single yarn carrier operating over a single area of the fabric, because the reinforced area was divided, in the completed stocking, by the seam which united the selvages of the stocking web. It was thus necessary to knit the reinforcement in two areas, using two yarn carriers, each with a throw of the desired variation in length, reaching from the selvage on either side of the stocking web inward upon the main fabric. For this purpose the lugs on the carrier rods which, in cooperation with the stops, controlled the throw, was located between the end stops of the full-fashioned machine and the stops moved by the threaded nuts on the attachment.

It will be observed that this device, while not completely anticipating that of the patent, nevertheless exhibited every element of the claim except the "pattern-controlled means for determining direction of rotation of the spindle." This lack was supplied by Nusbaum, whose machine was in common use as early as 1917. As already indicated, the use of such a device in full-fashioned knitting machines to secure selvage variations was known long before the Schletter application. In order to effect this type of fashioning, the yarn carrier stops were moved and their movements controlled by stop nuts mounted on spindles with threads in reverse located at either end of the knitting machine. Two-way movement of the nuts was effected by mechanisms, under pattern-belt control, suitable to rotate the spindle in either direction.

The Nusbaum machine was a modification of the existing flat-knitting machine and was designed for knitting reinforcements of variable width on sweaters which were themselves not full fashioned, that is, not narrowed in the knitting. The modification was devised for varying the throw of a secondary yarn carrier supplying yarn to needles knitting upon the main fabric a reinforcement or plaiting. To accomplish this, Nusbaum rebuilt an old full-fashioned machine by using the existing end nuts as a means of controlling the movements of the stops which determine the length of throw of a secondary yarn carrier, and supplying a new carrier bar for the primary yarn. Since the garment was not full-fashioned he placed fixed stops at the ends of the machine so that the throw of the primary thread carrier was constant. He used the old automatically reversible spindle of the full-fashioned machine as a means, wanting in the Gotham mechanism, for increasing or diminishing at will the throw of the secondary yarn carrier. Instead of the single reversibly threaded spindle of the Gotham machine, Nusbaum retained the two threaded shafts located at the ends of the principal machine, each bearing twin ratchet wheels, each of which was operated by a pawl controlled through an intermediate apparatus by buttons appropriately spaced on a pattern belt. Only a single belt was used bearing four rows of buttons, which by reversing the motion of the spindle as desired operated to vary the throw of the yarn carrier in conformity to the desired pattern.

It is true, as petitioner urges, that the threaded spindles were located at the ends of the Nusbaum machine, and that they were separate shafts although capable of being operated in unison as if united in a single spindle such as that shown by the Gotham attachment. Even with the double spindle synchronously operated instead of the single spindle of the Gotham it was substantially the device claimed by Schletter. In converting a full-fashioned knitting machine into a different type of straight-knitting machine which did not fashion the main fabric, Nusbaum embodied in it a device for accurately controlling yarn guides for laying a secondary yarn less than the length of the course being knitted, which was capable of producing designs having reentrant angles. This, according to the specifications, is one of the objects to be achieved by the patented device. The other is the making of multiple designs and split-seam work.

As the pattern of the reinforcement or plait was to be wholly within a single area on the main fabric and did not extend to the selvage, Nusbaum used a single yarn guide instead of the two which were required in the Gotham attachment because the reinforcements were upon detached areas of the fabric. Hence his machine as set up could not do split-seam work or make double designs, which could only be knitted by employing a plurality of yarn guides with corresponding controls. But the use of the device for these different methods of knitting the secondary yarn involves but an obvious adaptation of the claimed combination to the particular work to be done. That may be accomplished by using the device exhibited by Nusbaum as well as that claimed by the patent, with the requisite number of controlled yarn guides in the case of multiple designs and with stops, both sides of which are used as carrier rod controls in the case of split-seam work. This addition of yarn guides and the varied use of the stops, even if invention, are not embraced in the claims before us.

[1] [2] The addition of the reversing mechanism, used by Nusbaum and previously used in the full-fashioned machine, to the elements exhibited by the Gotham, for the purpose of effecting variations in the throw of the secondary yarn carrier in precisely the manner in which the throw of the primary yarn carrier had been controlled in full-fashioned machines, was plainly not invention. The addition of a new and useful element to an old combination may be patentable; but the addition must be the result of invention rather than the mere exercise of the skill of the calling, and not one plainly indicated by the prior art. *Electric Cable Joint Co.* v. *Brooklyn Edison Co.*, 292 U. S. 69, 79, 80; *Altoona Publix Theatres, Inc.*, v. *American Tri-Ergon Corporation*, 294 U. S. 477, 486. The art of machine design in the knitting machine field is a highly developed one. The addition to the combination of the Gotham attachment of a means for automatically reversing the rotary threaded spindle to perform the very function it had performed in the full-fashioned knitting machine was not beyond the skill of the art and was plainly foreshadowed, if not completely anticipated, by Nusbaum.

The claims in suit do not embrace a train of mechanism of any particular type for the transmission of control from the power shaft to the pawls and so cannot rest on any differences between the train employed by Schletter and that of earlier devices. As the court below pointed out, if the patent is valid it is either because of the novelty of the conception of employing the Nusbaum device in an attachment for a full-fashioned machine, which Nusbaum had not done, or because of technical difficulties in executing that conception. If there were such difficulties, which could be overcome only by invention, Schletter did not show what they were or define such an invention by the claims before us. He did show in his specifications how to provide, by familiar mechanical means, for one necessary relationship of the attachment to the principal machine—the necessity that the threaded spindle remain stationary while the fashioning stops are moving. For this no invention is claimed, nor well could be in view of the state of the art.

[3] Petitioner relies on the novelty of conception reinforced by an alleged commercial success. Commercial success may be decisive where invention is in doubt, but an insuperable obstacle to the invocation of that doctrine here is our inability, like that of the court below, to say

"that an art which knew how to reinforce 'full-fashioned' webs without re-entrant angles, and straight edged webs with such angles, required some uncommon talent merely to conceive of combining the two, for, as we have said, the patent can only stand on the bare conception."

It is significant that the courts which, in *Textile Machine Works* v. *Alfred Hofmann, Inc.*, supra, found invention, supported by commercial success, pointed to the novelty not of this conception but of adding to the elements of the Gotham machine the automatic pattern controlled means for reversing the screw spindle. But neither court made mention of the Nusbaum machine which supplied that element. Upon the record before us we cannot say that the commercial success is attributable to novelty of the bare conception of the use of the attachment with full-fashioned knitting machines rather than to the skill with which the patentee devised mechanisms for making the attachment effective, but for which he made no claim, or to the strength of the hands into which the patent came. Compare *Paramount Publix Corporation* v. *American Tri-Ergon Corporation*, 192 U. S. 464, 474, with *Altoona Publix Theatres, Inc.*, v. *American Tri-Ergon Corporation*, supra, 487.

Affirmed.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

1,077,965. (See 1,314,208.) 1,123,795. (See 1,314,208.)

1,162,510. (See 1,314,208.) 1,162,511. (See 1,314,208.)

1,232,968. (See 1,314,208.)

1,262,860, S. B. Smith, Incubator, D. C. Oreg. (Portland), Doc. E 9524, *S. B. Smith* v. *O. H. Watsig et al.* Dismissed Nov. 29, 1937.

1,314,208, Pollen & Isherwood, Electric fire control for guns; 1,162,511, 1,162,510, same, Range clock; 1,232,968, same, Apparatus for determining sighting data for naval guns; 1,077,965, same, Naval fire control apparatus; 1,123,795, same, Means and apparatus for charting the positions of ships at sea, filed Dec. 6, 1937, D. C., E. D. N. Y., Doc. E 8432, *A. H. Pollen et al.* v. *Ford Instrument Co., Inc.*

1,424,069, F. W. Blackmar, Wrench, D. C., N. D. Ohio, E. Div., Doc. E 4094, *Snap-On Tools, Inc.*, v. *The Buckeye Jack Mfg. Co.* Dismissed (notice Nov. 30, 1937).

1,503,546, A. W. Menzies, Method and apparatus for obtaining repeated movement of a liquid and its vapor; 1,856,098, S. S. Green, Novelty lamp; 1,972,155, J. D. McMaster, Display device; 2,041,135, A. Kaufman, Illuminated sign; 1,977,093, S. Sechi, Illuminated sign, C. C. A., 2d Cir., Doc. 15548-9, *Biolite, Inc.*, v. *S. Sechi et al.* Decree affirmed (notice Dec. 6, 1937).

1,513,637, M. Schwartz, Bushing, D. C., N. D. Ohio, E. Div., Doc. E 5628, *American Flange & Mfg. Co., Inc.*, v. *The Petroleum Iron Works Co. of Ohio.* Dismissed without prejudice (notice Dec. 3, 1937).

hence the stops are to move. By suitable spacing of the buttons on the belts, the motion, which is to be imparted to the stops through the intermediate apparatus, is controlled in such fashion as to fix in advance the length of throw and hence the outline of the design which is to be incorporated in the main fabric by reinforcement or split-seam work.

Claim 14, which may be taken as typical, defines the invention as the combination

"In a straight knitting machine [*a*] a set of yarn guide carrier bars for operating yarn guides traveling less than the full width of the fabric being knitted, [*b*] a spindle having reversed screw threads, [*c*] stops operated by said spindle, [*d*] means for turning the spindle in either direction, [*e*] pattern-controlled means for determining the time of operation of the spindle, and [*f*] pattern-controlled means for determining the direction of rotation of the spindle."

As early as 1912, 10 years before Schletter's original application of June, 1922, from which his patent dates, the art had devised an attachment for full-fashioned knitting machines, commercially used for reinforcing the heel portion of the stocking. One form, known as the Gotham, comprised a reversely threaded spindle, on the threads of which were mounted stops moving toward each other when the spindle rotated in one direction, and away from each other when the spindle turned in the opposite direction. The traveling stops controlled the throw of carrier bars with yarn guides which lay a reinforcing yarn at the heel of the stocking. As the reinforcement was triangular with the point above the heel gradually widening below without reentrant angles, it was needful to rotate the spindle automatically in but one direction in order to complete the pattern. When the reinforcement had been knitted the spindle was rotated by hand in the reverse direction, or "racked out", until the stops were restored to their initial position, ready to knit the next stocking. A means for automatically rotating the spindle in the desired single direction was provided by a ratchet wheel mounted on the spindle, which was worked by a pawl pushed by a cam on the main shaft; the operation of the pawl was controlled by a mechanism actuated by a "button" type of pattern belt or chain. The reinforcement could not be knitted from a single yarn carrier operating over a single area of the fabric, because the reinforced area was divided, in the completed stocking, by the seam which united the selvages of the stocking web. It was thus necessary to knit the reinforcement in two areas, using two yarn carriers, each with a throw of the desired variation in length, reaching from the selvage on either side of the stocking web inward upon the main fabric. For this purpose the lugs on the carrier rods which, in cooperation with the stops, controlled the throw, was located between the end stops of the full-fashioned machine and the stops moved by the threaded nuts on the attachment.

It will be observed that this device, while not completely anticipating that of the patent, nevertheless exhibited every element of the claim except the "pattern-controlled means for determining direction of rotation of the spindle." This lack was supplied by Nusbaum, whose machine was in common use as early as 1917. As already indicated, the use of such a device in full-fashioned knitting machines to secure selvage variations was known long before the Schletter application. In order to effect this type of fashioning, the yarn carrier stops were moved and their movements controlled by stop nuts mounted on spindles with threads in reverse located at either end of the knitting machine. Two-way movement of the nuts was effected by mechanisms, under pattern-belt control, suitable to rotate the spindle in either direction.

The Nusbaum machine was a modification of the existing flat-knitting machine and was designed for knitting reinforcements of variable width on sweaters which were themselves not full fashioned, that is, not narrowed in the knitting. The modification was devised for varying the throw of a secondary yarn carrier supplying yarn to needles knitting upon the main fabric a reinforcement or plaiting. To accomplish this, Nusbaum rebuilt an old full-fashioned machine by using the existing end nuts as a means of controlling the movements of the stops which determine the length of throw of a secondary yarn carrier, and supplying a new carrier bar for the primary yarn. Since the garment was not full-fashioned he placed fixed stops at the ends of the machine so that the throw of the primary thread carrier was constant. He used the old automatically reversible spindle of the full-fashioned machine as a means, wanting in the Gotham mechanism, for increasing or diminishing at will the throw of the secondary yarn carrier. Instead of the single reversibly threaded spindle of the Gotham machine, Nusbaum retained the two threaded shafts located at the ends of the principal machine, each bearing twin ratchet wheels, each of which was operated by a pawl controlled through an intermediate apparatus by buttons appropriately spaced on a pattern belt. Only a single belt was used bearing four rows of buttons, which by reversing the motion of the spindle as desired operated to vary the throw of the yarn carrier in conformity to the desired pattern.

It is true, as petitioner urges, that the threaded spindles were located at the ends of the Nusbaum machine, and that they were separate shafts although capable of being operated in unison as if united in a single spindle such as that shown by the Gotham attachment. Even with the double spindle synchronously operated instead of the single spindle of the Gotham it was substantially the device claimed by Schletter. In converting a full-fashioned knitting machine into a different type of straight-knitting machine which did not fashion the main fabric, Nusbaum embodied in it a device for accurately controlling yarn guides for laying a secondary yarn less than the length of the course being knitted, which was capable of producing designs having reentrant angles. This, according to the specifications, is one of the objects to be achieved by the patented device. The other is the making of multiple designs and split-seam work.

As the pattern of the reinforcement or plait was to be wholly within a single area on the main fabric and did not extend to the selvage, Nusbaum used a single yarn guide instead of the two which were required in the Gotham attachment because the reinforcements were upon detached areas of the fabric. Hence his machine as set up could not do split-seam work or make double designs, which could only be knitted by employing a plurality of yarn guides with corresponding controls. But the use of the device for these different methods of knitting the secondary yarn involves but an obvious adaptation of the claimed combination to the particular work to be done. That may be accomplished by using the device exhibited by Nusbaum as well as that claimed by the patent, with the requisite number of controlled yarn guides in the case of multiple designs and with stops, both sides of which are used as carrier rod controls in the case of split-seam work. This addition of yarn guides and the varied use of the stops, even if invention, are not embraced in the claims before us.

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The claims in suit do not embrace a train of mechanism of any particular type for the transmission of control from the power shaft to the pawls and so cannot rest on any differences between the train employed by Schletter and that of earlier devices. As the court below pointed out, if the patent is valid it is either because of the novelty of the conception of employing the Nusbaum device in an attachment for a full-fashioned machine, which Nusbaum had not done, or because of technical difficulties in executing that conception. If there were such difficulties, which could be overcome only by invention, Schletter did not show what they were or define such an invention by the claims before us. He did show in his specifications how to provide, by familiar mechanical means, for one necessary relationship of the attachment to the principal machine—the necessity that the threaded spindle remain stationary while the fashioning stops are moving. For this no invention is claimed, nor well could be in view of the state of the art.

[3] Petitioner relies on the novelty of conception reinforced by an alleged commercial success. Commercial success may be decisive where invention is in doubt, but an insuperable obstacle to the invocation of that doctrine here is our inability, like that of the court below, to say

"that an art which knew how to reinforce 'full-fashioned' webs without re-entrant angles, and straight edged webs with such angles, required some uncommon talent merely to conceive of combining the two, for, as we have said, the patent can only stand on the bare conception."

It is significant that the courts which, in *Textile Machine Works* v. *Alfred Hofmann, Inc.*, supra, found invention, supported by commercial success, pointed to the novelty not of this conception but of adding to the elements of the Gotham machine the automatic pattern controlled means for reversing the screw spindle. But neither court made mention of the Nusbaum machine which supplied that element. Upon the record before us we cannot say that the commercial success is attributable to novelty of the bare conception of the use of the attachment with full-fashioned knitting machines rather than to the skill with which the patentee devised mechanisms for making the attachment effective, but for which he made no claim, or to the strength of the hands into which the patent came. Compare *Paramount Publix Corporation* v. *American Tri-Ergon Corporation*, 192 U. S. 464, 474, with *Altoona Publix Theatres, Inc.*, v. *American Tri-Ergon Corporation*, supra, 487.

Affirmed.

Patent Suits

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1,077,965. (See 1,314,208.) 1,123,795. (See 1,314,208.)

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1,262,860, S. B. Smith, Incubator, D. C. Oreg. (Portland), Doc. E 9524, *S. B. Smith* v. *O. H. Watsig et al.* Dismissed Nov. 29, 1937.

1,314,208, Pollen & Isherwood, Electric fire control for guns; 1,162,511, 1,162,510, same, Range clock; 1,232,968, same, Apparatus for determining sighting data for naval guns; 1,077,965, same, Naval fire control apparatus; 1,123,795, same, Means and apparatus for charting the positions of ships at sea, filed Dec. 6, 1937, D. C., E. D. N. Y., Doc. E 8432, *A. H. Pollen et al.* v. *Ford Instrument Co., Inc.*

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1,503,546, A. W. Menzies, Method and apparatus for obtaining repeated movement of a liquid and its vapor; 1,856,098, S. S. Green, Novelty lamp; 1,972,155, J. D. McMaster, Display device; 2,041,135, A. Kaufman, Illuminated sign; 1,977,093, S. Sechi, Illuminated sign, C. C. A., 2d Cir., Doc. 15548–9, *Biolite, Inc.*, v. *S. Sechi et al.* Decree affirmed (notice Dec. 6, 1937).

1,513,637, M. Schwartz, Bushing, D. C., N. D. Ohio, E. Div., Doc. E 5628, *American Flange & Mfg. Co., Inc.*, v. *The Petroleum Iron Works Co. of Ohio.* Dismissed without prejudice (notice Dec. 3, 1937).

1,536,044, J. W. Swan, Method and means to facilitate the distribution of fuel in internal combustion engines; 1,636,721, same, Manifold, D. C., N. D. Ohio, E. Div., Doc. E 2047, *J. W. Swan et al.* v. *The Reeke-Nash Motor Co. et al.* Claim 13 of 1,536,044 held valid, claim 20 held valid and infringed; claims 5 and 7 of 1,636,721 held valid and infringed; injunction. Bill and supplemental bill dismissed without prejudice Dec. 2, 1937.

1,555,054, R. Berkowitz, Hexagonal folding box, C. C. A., 2d Cir., Doc. 15530, *A. Berke* v. *Courtney Folding Box Corp.* Decree reversed (notice Dec. 6, 1937).

1,583,046. (See Re. 17,263.)

1,619,126, W. F. Hundemer, Lubricating device, filed Nov. 27, 1937, D. C., S. D. Calif., C. Div., Doc. E 1296–H, *Stewart-Warner Corp. et al.* v. *G. A. Hunter Corp. et al.*

1,636,721. (See 1,536,044.)

1,639,209, 1,801,995, 1,823,233, I. C. Bell, Tubing stripper, D. C., E. D. Tex. (Tyler), Doc. E 987, *The Gulberson Corp.* v. *Hinderliter Tool Co.* Dismissed as to 1,823,233 Nov. 18, 1938.

1,713,752, Eckhardt & Hohnekamp, Electric incandescent lamp, D. C., N. D. Calif. (San Francisco), Doc. E 4065–R, *N. Y. Merchandise Co., Inc.*, v. *B. C. Brown et al.* (*Associated Manufacturers Co.*). Dismissed without prejudice Nov. 22, 1937.

1,728,602, H. Garrett, Automatic street signaling system; 1,743,965, same, System for operating traffic-controlling and fire alarm apparatus, filed Oct. 16, 1937, D. C., N. D. Tex. (Abilene), Doc. E 873, *National Electric Signal Co.* v. *City of Big Spring, Tex.* Same, filed Nov. 9, 1937, D. C., N. D. Tex. (Abilene), Doc. E 874, *National Electric Signal Co.* v. *City of Abilene, Tex.* Same, filed Nov. 19, 1937, D. C., E. D. Tex. (Texarkana), Doc. E 121, *National Electric Signal Co.* v. *The City of Texarkana, Tex.*

1,743,965. (See 1,728,602.)

1,800,719, S. S. Cramer, Electrical condenser, filed Nov. 30, 1937, D. C., E. D. N. Y., Doc. E 8430, *Condenser Development Corp.* v. *Acme Home Furnishing Corp.*

1,801,995. (See 1,639,209.)

1,804,787, F. Kullmer, Metal window, D. C., N. D. Calif. (San Francisco), Doc. E 3874–S, *Soule Steel Co.* v. *Michel & Pfeffer Iron Works, Inc., et al.* Dismissed for want of prosecution Nov. 29, 1937.

1,820,387, 1,824,775, E. O. Frederics, Hair curling device, D. C., S. D. N. Y., Doc. E 81/199, *E. Frederics, Inc.*, v. *Rilling-Arnao Co.* Bill and counterclaim dismissed without prejudice (notice Dec. 3, 1937).

1,823,233. (See 1,639,209.) 1,824,775. (See 1,820,387.)

1,839,468, J. W. Decker, Tape control and tape treating means; 2,017,655, same, Ticker tape controlling means; Re. 19,727, same, Stock quotation projecting machine and method for feeding tape therethru, filed Dec. 1, 1937, D. C. Minn., 4th Div., Doc. E 2997, *Trans-Lux Movie Ticker Corp. et al.* v. *Projex, Inc.*

1,840,463. (See Re. 17,263.)

1,856,098. (See 1,503,546.)

1,876,686, R. W. Kaltenbach, Car dumper chute control mechanism; 1,920,402, same, Car dumper, appeal filed Oct. 27, 1937, C. C. A., 4th Cir., Doc. 4270, *The C. & O. Ewy. Co.* v. *R. W. Kaltenbach et al.*

1,919,959, P. H. Minton, Absorbent filter for smoking appliances, C. C. A., 2d Cir., Doc. 15572, *Continental Briar Pipe Co., Inc.*, v. *Minton Mfg. Co. et al.* Decree reversed (notice Dec. 6, 1937).

1,920,402. (See 1,876,686.)

1,931,621, C. M. Petersen, Fixture switch, C. C. A., 2d Cir., Doc. —, *Circle F Mfg. Co.* v. *Leviton Mfg. Co.* Decree reversed (notice Dec. 6, 1937).

1,970,238. (See 1,989,617.) 1,972,155. (See 1,503,546.)

1,977,093. (See 1,503,546.)

1,989,617, H. S. Horrocks, Knitting machine, C. C. A., 2d Cir., Doc. 15526, *H. Brinton Co. et al.* v. *S. Mishcon (Supreme Knitting Machine Co.).* Decree affirmed (notice Dec. 6, 1937).

2,005,649, T. J. Dragoo, Jr., Buck mask, D. C., W. D. Tex. (San Antonio), Doc. E 625, *T. J. Dragoo, Jr.* v. *J. A. Caldwell et al.* Injunction (notice Dec. 2, 1937).

2,017,655. (See 1,839,468.)

2,018,584. (See Re. 18,513.)

2,041,135. (See 1,503,546.)

2,100,008, C. L. Stephens, Picture projecting device, filed Dec. 3, 1937, D. C., S. D. N. Y., Doc. E 86/132, *Stephens Products Co., Inc.*, v. *Walgreen Co. of N. Y., Inc.*

Re. 17,263, 1,840,463, V. Mulholland, Method and apparatus for annealing glassware; 1,563,046, H. W. Ingle, Lehr for annealing glassware, appeal filed Nov. 6, 1937, C. C. A., 4th Cir., Doc. 4273, *Hartford-Empire Co.* v. *Swindell Bros., Inc., et al.*

Re. 18,513 (of 2,018,584), F. H. Watson, Pneumatic inner tube and valve stem, filed Nov. 10, 1937, D. C., N. D. Ohio, Doc. 5665, *Jenkins Bros.* v. *The B. F. Goodrich Co.*

Re. 19,727. (See 1,839,468.)

Des. 97,799, A. Bulova, Terminal link for a watch bracelet, D. C., S. D. N. Y., Doc. E 84/228, *Bruner-Ritter, Inc.*, v. *O. M. Laarus et al.* (*Benrus Watch Co.*). Consent order of discontinuance without prejudice (notice Dec. 2, 1937).

Des. 102,262, D. Cohen, Shoe, D. C., E. D. N. Y., Doc. E 8351, *M. Cohen & Sons Shoes, Inc.*, v. *Herman Grossman, Inc.* Decree for plaintiff Dec. 1, 1937.

Des. 105,691, D. C. Cahalane, Toy vacuum sweeper, suit for declaratory judgment filed Dec. 2, 1937, D. C., S. D. N. Y., Doc. E 86/130, *Woodhaven Metal Stamping Co., Inc.*, v. *The Hoge Mfg. Co., Inc., et al.*

Des. 106,363, O. Wunits, Dress, D. C., S. D. N. Y., Doc. E 85/351, *Heyman & Cohen, Inc.*, v. *Dixie Dresses, Inc.* Consent decree for plaintiff (notice Dec. 2, 1937).

Des. 107,185, M. Efantes, Dress, filed Nov. 30, 1937, D. C., S. D. N. Y., Doc. E 86/125, *Suret Frocks, Inc.*, v. *Plymouth Frocks, Inc.* Doc. E 86/126, *Suret Frocks, Inc.*, v. *S. Altman.*

TRADE-MARKS

OFFICIAL GAZETTE, FEBRUARY 15, 1938

[VOL. 487. No. 3]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 400,688. G. & A. LABORATORIES, INC., Savannah, Ga. Filed Dec. 10, 1937.

GALEX

For Resin.
Claims use since Oct. 4, 1937.

Ser. No. 400,756. RALPH RAYMOND EMLONG, doing business as Emlong's Nursery, Stevensville, Mich. Filed Dec. 13, 1937.

PRIDE-O-MICH

For Fruit Plants and Fruit Trees.
Claims use since 1936.

Ser. No. 400,899. BELL & ZOLLER COAL COMPANY, Chicago, Ill. Filed Dec. 16, 1937.

SUPER-X

For Coal.
Claims use since Sept. 1, 1937.

CLASS 2

Receptacles

Ser. No. 396,126. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Aug. 7, 1937.



For Rubber Lined Tanks, Containers Such as Pails, Boxes, Carboys, and Bottles Which are Made Entirely or in Part of Rubber and/or Synthetic Rubber Like Materials, and Battery Jars of Heat Plastic Materials, Such as Rubber, Bituminous, or Synthetic Rubber Like Materials.
Claims use since February, 1920.

Ser. No. 398,848. GEPHART MANUFACTURING COMPANY, Chicago, Ill. Filed Oct. 23, 1937.

ARMOR-OID

For Protective Sheath or Casing for Fishing Rods and the Like.
Claims use since Oct. 15, 1937.

Ser. No. 399,456. NATIONAL ENAMELING AND STAMPING COMPANY, Milwaukee, Wis. Filed Nov. 8, 1937.

"Kitchen-Gay"

The word "Kitchen" is disclaimed apart from the mark.
For Kitchen Sets—Namely, Flour, Sugar, Coffee, and Tea Canisters, Bread and Cake Boxes, Flour Bins, Cookie Boxes, Waste-Paper Receptacles, Garbage Receptacles, Match-Box Holders, and Salt and Pepper Shakers, Made of Lithographed Tin Ware.
Claims use since July 5, 1937.

Ser. No. 399,993. CENTRAL FIBRE PRODUCTS COMPANY, INCORPORATED, Chicago, Ill. Filed Nov. 22, 1937.

DILLMAN-DOZIER

For Wooden Boxes for Shipping Poultry and the like.
Claims use since July, 1936.

CLASS 3

Baggage, Animal Equipments, Portfolios, and Pocketbooks

Ser. No. 398,269. WASHINGTON LEATHER GOODS COMPANY, INC., Newark, N. J. Filed Oct. 7, 1937.

TRAVEL-MASTER

For Luggage—Namely, Suitcases, Traveling Bags, and Trunks.
Claims use since Sept. 9, 1937.

Ser. No. 389,864. MAX TANNENBAUM, doing business as Max Tannenbaum Co., New York, N. Y. Filed Nov. 17, 1937.

"Black Print Multi"

The words "Black Print" are disclaimed apart from the mark.
For Ladies' Wood-Bead Handbags.
Claims use since Oct. 1, 1937.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 296,071. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Aug. 6, 1937.



For Chemically Treated Polishing Gauze and Cloths, Spot Remover and Glass Cleaner, Automobile Top Dressing.
Claims use since May, 1930.

Ser. No. 297,601. HUGO WITTMAN, doing business as Home Helpers Co., Buffalo, N. Y. Filed Sept. 20, 1937.

MAID'S-AID

For Chemical Substance for Aiding in the Cleaning of Tanks, Bowls, and Traps of Toilets.
Claims use since Sept. 7, 1937.

CLASS 5

Adhesives

Ser. No. 296,072. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Aug. 6, 1937.



For Rubber Cement, Auto Top Seal, and Tire Dough.
Claims use since May, 1930.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 265,477. PINAUD INCORPORATED, New York, N. Y. Filed May 27, 1935. Under 10-year proviso.

VÉGÉTAL

For Perfumery Extracts.
Claims use since 1857.

Ser. No. 286,530. REBECCA COLLINS, Los Angeles, Calif. Filed Dec. 9, 1936.

O'CEE

For Salves for Allaying and Reducing Local Dermic, Muscular, and Vascular Inflammations and Congestions.
Claims use since Oct. 26, 1935.

Ser. No. 287,290. SHARP & DOHME, INCORPORATED, Philadelphia, Pa. Filed Dec. 30, 1936.

TOPAGEN

For Biological Antigenic Preparations for Topical Application.
Claims use since Aug. 7, 1936.

Ser. No. 292,749. JEANNE DE VRIES, doing business as Jeanne Doré, New York, N. Y. Filed May 14, 1937.

GARB-O-BEAUTY

For Facial Creams, Face Powder, Rouge, Astringent, and Perfume.
Claims use since Apr. 22, 1937, on facial creams; since May 11, 1937, on remaining goods.

Ser. No. 292,909. C. H. BOEHRINGER SOHN AKTIENGESELLSCHAFT, Nieder-Ingelheim-on-the-Rhine, Germany. Filed May 18, 1937.



For Cough Medicines, Cholagogues, Camphor Preparations for Oral Application, Respiratory Stimulants, Spasmolytic Medicines, Analgesics, Preparations Used in the Treatment of Diseases of the Heart and Vascular System, and Alkaloidal Preparations.
Claims use since Apr. 1, 1926.

Ser. No. 293,607. MARTIN AND DALTON DRUGGISTS, Tallahassee, Fla. Filed June 3, 1937.

MARTIN'S THROAT MOP

The words "Martin" and "Throat" are claimed only in association with the other features of the mark.
For Medicinal Preparation for Treating Irritation and Reduce Inflammation of the Throat.
Claims use since Sept. 15, 1936.

Ser. No. 294,435. SMITH MANUFACTURING COMPANY, Utica, N. Y. Filed June 23, 1937.

SMICO

For Household Spray and Household Insecticide for Killing Flies, Moths, Mosquitoes, Bed Bugs, Roaches, Ants, Water Bugs, Fleas, Lice, Wasps, Spiders, and Other Insects; Household Deodorizer; Stock Spray—Namely, a Spray for Cows, Horses, Hogs, and Poultry; Louse and Mite Killer; Rat and Mouse Killer; Plant Spray; Copper Lime Dust for the Treatment of Blight and Bugs Upon Potatoes, Tomatoes, and Beans; Healing Ointment; Udder Balm; Medicated Wax, Teat Dilators, and Garget Salve.
Claims use on household spray, household insecticide, and deodorizer, since Aug. 30, 1921; on healing ointment, udder balm, garget salve, medicated wax, and teat dilators, since Sept. 6, 1926; on stock spray, since Apr. 14, 1930; on louse and mite killer, since Aug. 13, 1930; on rat and mouse killer, since Nov. 15, 1930; on copper lime dust, since Apr. 9, 1932, and on plant spray, since June 13, 1932.

Ser. No. 295,781. JOHN P. KLARE, doing business as ZAR Company, Denver, Colo. Filed July 22, 1937.



For Preparation for the Treatment of Dandruff, Falling Hair, and a Stimulant for Growth of Hair.
Claims use since May 8, 1935.

Ser. No. 295,912. FROHLICH LABORATORIES, INCORPORATED, Seattle, Wash. Filed Aug. 2, 1937.

Z'Out

For Preparation for Destroying Hair.
Claims use since Jan. 1, 1929.

Ser. No. 296,920. CHARLOTTE HUBER, New York, N. Y. Filed Aug. 30, 1937.



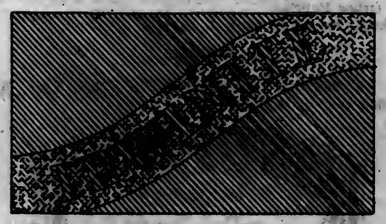
The term "Creme" in the phrase "Babymira-Creme" is disclaimed apart from that association.
For Skin Cream Applicable to the Skin as a Treatment for Rashes, Itching Scabs, Blackheads, Perspiration from Inflammation, Excessive Skin Dampness, and Chapped Skin.
Claims use since Aug. 1, 1937.

Ser. No. 296,955. JERRY A. FOX, doing business as Franklin Laboratories, Flushing, N. Y. Filed Aug. 31, 1937.

IONIZED LIVER

No claim is made to the word "Liver" apart from the mark.
For Blood Tonic.
Claims use since Sept. 29, 1936.

Ser. No. 297,116. JAMES B. IRWIN, Coral Gables, Fla. Filed Sept. 4, 1937.



The drawing is lined for orange and green.
For Chemical Fluids for the Extermination of Termites, Fleas, Ants, Roaches, and Other Insects, and for Preserving Wood and Wooden Articles.
Claims use since March, 1934.

Ser. No. 397,330. EFFANTAB PRODUCTS, INC., New Rochelle, N. Y. Filed Sept. 11, 1937.

EFFANTAB

For Effervescent Antiseptic Tablets for use as a Mouthwash, Gargle, Dentifrice, and Deodorant.
Claims use since Aug. 30, 1937.

Ser. No. 397,337. ARTHUR F. MCCLURE, doing business as The Supertol Products Co., Leavenworth, Kans. Filed Sept. 11, 1937.

Supertol

For Arterial Embalming Fluid, Embalmers Chemicals, Massage Cream, Pre-Injection Fluid, Jaundice Embalming Fluid, Cavity Embalming Fluid, Fluid Coloring, Wound Filler, Rouge, Cosmetic Powder, Liquid Powder, Disinfectant Spray, Antiseptic Liquid Soap, Skin Sealer, Cosmetic Cover Cream, Complexion Tint, Derma-Surgery Wax and Hardening, and Preserving Compounds.
Claims use since Aug. 21, 1937.

Ser. No. 397,659. JACOB GRIFFEL, New York, N. Y. Filed Sept. 22, 1937.

STORMPRUF

The word "Stormpruf" is disclaimed apart from the mark.
For Waterproofing Compound for Use on Duck, Canvas, and Other Fabrics.
Claims use since Sept. 1, 1936.

Ser. No. 398,319. KANDI-BONE, INC., New York, N. Y. Filed Oct. 9, 1937.

KANDI-BONE

The word "Kandi" is disclaimed apart from the mark.
For Medicated Confection Containing Vitamins and Mineral Ingredients for Dogs.
Claims use since Sept. 13, 1937.

Ser. No. 398,380. RELLA WINN, New York, N. Y. Filed Oct. 11, 1937.



The name "Lady Hamilton" is disclaimed apart from the mark.
The portrait is that of Rella Winn and the words Lady Hamilton are in the handwriting of said Rella Winn.
For Facial Creams.
Claims use since May 3, 1937.

Ser. No. 399,274. JOHN G. HADDAD, doing business as Testo Products, New Orleans, La. Filed Nov. 3, 1937.



For Kidney Pills.
Claims use since June, 1922.

Ser. No. 399,281. WALGREEN CO., Chicago, Ill. Filed Nov. 3, 1937.

Octine

For Medicine—Namely, Eye Wash and Eye Drops.
Claims use since July 5, 1929.

Ser. No. 399,344. DIARSENOL COMPANY, INCORPORATED, Buffalo, N. Y. Filed Nov. 5, 1937.

NEODIARSENOL

For Preparation of Arsenic Designed for the Treatment of Syphilis and Other Spirochetal Diseases.
Claims use since July 1, 1917.

Ser. No. 399,419. MEDICINAL RESEARCH LABORATORIES, Philadelphia, Pa. Filed Nov. 6, 1937.

TUSSILIXIR

For Preparation Used in the Treatment of Whooping Cough, Bronchitis, and Other Spasmodic Coughs.
Claims use since March, 1934.

Ser. No. 399,448. GIBBS & COMPANY, Chicago, Ill. Filed Nov. 8, 1937.

Maison Henri

For Eye-brow Pencils.
Claims use since Nov. 15, 1932.

Ser. No. 399,547. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I. Filed Nov. 10, 1937.

AHCO

For Chemical Products for Use in Processing Textiles.
Claims use since April, 1928.

Ser. No. 399,548. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I. Filed Nov. 10, 1937.

AHCOL

For Chemical Products for Use in Processing Textiles.
Claims use since Mar. 7, 1937.

Ser. No. 399,549. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I. Filed Nov. 10, 1937.

R P G

For Chemical Products for Use in Processing Textiles.
Claims use since November, 1932.

Ser. No. 399,550. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I. Filed Nov. 10, 1937.

SYNTHRAPOL

For Chemical Products for Use in Processing Textiles.
Claims use since November, 1934.

Ser. No. 399,551. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I. Filed Nov. 10, 1937.

SYNTHAROL

For Chemical Products for Use in Processing Textiles.
Claims use since 1933.

Ser. No. 399,552. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I. Filed Nov. 10, 1937.

SYNTHRAVON

For Chemical Products for Use in Processing Textiles.
Claims use since 1934.

Ser. No. 399,553. ARNOLD, HOFFMAN & CO. INCORPORATED, Providence, R. I. Filed Nov. 10, 1937.

TRAGTEX

For Chemical Products for Use in Processing Textiles.
Claims use since June 22, 1933.

Ser. No. 399,778. CLARENCE E. SHAW, Pittsburgh, Pa. Filed Nov. 15, 1937.

PATHOLAX

For Medicinal Compounds Intended for Internal Use and Having Laxative Properties.
Claims use since Oct. 28, 1937.

Ser. No. 399,782. SOY BEAN PROCESSING COMPANY, INC., Waterloo, Iowa. Filed Nov. 15, 1937.

SOY-O-SPRAY

The words "Soy" and "Spray" are disclaimed apart from the mark.
For Soy Bean Insecticides.
Claims use since Oct. 26, 1937.

Ser. No. 399,881. LUIS M. CABALLERO, Habana, Cuba. Filed Nov. 18, 1937.

MAX-NEZURIX

For Pharmaceutical Preparation Consisting of a Laxative and Alkaline Effervescent Compound.
Claims use since June 1, 1937.

Ser. No. 399,985. IODINE PRODUCTS CO., Philadelphia, Pa. Filed. Nov. 17, 1937.

NOVIDOL

For Iodine Compound for Use in the Nose.
Claims use since May, 1936.

Ser. No. 400,101. THE HARRIS LABORATORIES, INC., Tuckahoe, N. Y. Filed Nov. 24, 1937.

VITASOL

For Liquid Tonic Containing Vitamins.
Claims use since Mar. 28, 1937.

Ser. No. 400,157. GUSSIE FUNCHES, St. Louis, Mo. Filed Nov. 26, 1937.



The words "Hand Lotion" are disclaimed apart from the mark.
For Hand Lotion.
Claims use since 1929.

Ser. No. 400,228. FACE-O-LITE, INC., Lincoln, Nebr. Filed Nov. 29, 1937.



The representation of the label per se and the term "Lincoln, Nebr." are disclaimed apart from the mark. The representation of the female head is fanciful.
For Astringent.
Claims use since Oct. 20, 1937.

Ser. No. 401,539. ZENITH PRODUCTS COMPANY, Wellsville, Ohio. Filed Jan. 4, 1938.

Best In Show

For Conditioning Capsules for Dogs.
Claims use since Mar. 15, 1937.

CLASS 7

Cordage

Ser. No. 400,895. AMERICAN CHAIN & CABLE COMPANY, INC., Bridgeport, Conn. Filed Dec. 16, 1937.

GALACCO

For Wire Rope and Wire Strand.
Claims use since Nov. 20, 1937.

CLASS 12

Construction Materials

Ser. No. 359,757. UNITED STATES GYPSUM COMPANY, Chicago, Ill. Filed Dec. 29, 1934.

USG

For Bituminous Roofing, Shingles, Waterproof Building Paper, Insulating and Building Paper, Sheathing Paper, Felt for Construction Purposes, Bituminous Emulsion, Bituminous Cement and Roof Coating, Building Board Composed of Pressed Vegetable Fibers, Fibrous Insulating Board, Acoustical Tile, Metallic Clips for Building Structures, Mortar, Sound and Vibration Insulating Mountings, Connections, and Floors, and Plaster Retarder.
Claims use since about 1920 as to retarder; since about 1924 as to building board composed of pressed vegetable fibers; since about 1930 as to mortar, sound, and vibration insulating mountings, connections, and floors; since about 1932 as to metallic clips, bituminous roofing, and shingles, insulating and building paper, waterproof paper, sheathing paper, bituminous emulsion, bituminous cement and roof coating, building paper, and felt; and since 1934 as to fibrous insulating board and acoustical tile.

Ser. No. 393,685. ASH GROVE LIME & PORTLAND CEMENT COMPANY, Kansas City, Mo. Filed June 5, 1937.



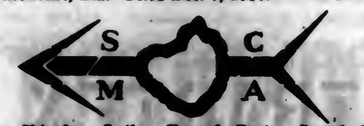
The words "Masonry Cement" are disclaimed apart from the mark. The drawing is lined for red and blue.
For Building Cement.
Claims use since November, 1927.

Ser. No. 400,516. JOHN M. MECK, New York, N. Y. Filed Dec. 6, 1937.



No claim is made to the words "Como" and "Window" and to the representation of the goods apart from the mark.
For Windows and Window Screens.
Claims use since Nov. 1, 1937.

Ser. No. 400,552. CUMMER SONS CYPRESS COMPANY, Jacksonville, Fla. Filed Dec. 7, 1937.



For Shingles, Laths, Turned Posts, Sawed Posts, Sawed Lumber, Planed Lumber, Sawed Timber, and Planed Timbers.
Claims use since May 1, 1936.

Ser. No. 400,843. MEDUSA PORTLAND CEMENT COMPANY, Cleveland, Ohio. Filed Dec. 14, 1937.



The words "High Early Strength" and "Cleveland, Ohio" are disclaimed apart from the mark.
For Portland Cement.
Claims use since Apr. 21, 1936.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 401,207. THE CARPENTER STEEL COMPANY, Reading, Pa. Filed Dec. 24, 1937.

STAR-MAX

For Steel in Bars, Billets, and Shapes.
Claims use since Dec. 7, 1937.

CLASS 16

Paints and Painters' Materials

Ser. No. 396,073. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Aug. 6, 1937.



For Acid Seal Paint, Touch-Up Enamel, and Automobile Body Paint, Automobile Polish and Furniture Polish and Cleaner, Polishing Wax for Floors and Automobiles.
Claims use since May, 1930.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 400,361. AMERICAN AUTOMATIC DEVICES CO., Chicago, Ill. Filed Dec. 2, 1937.

THE EXTENDED EYE

For Vehicle Rear View Mirrors.
Claims use since Nov. 24, 1937.

Ser. No. 400,412. THE GOODYEAR TIRE & RUBBER COMPANY, INC., Wilmington, Del., and Akron, Ohio. Filed Dec. 3, 1937.

HI-WAY PATROL

For Bicycles.
Claims use since Sept. 29, 1937.

Ser. No. 400,587. BOEING AIRCRAFT COMPANY, Seattle, Wash. Filed Dec. 8, 1937.

FLYING FORTRESS

For Airplanes and Structural Parts Thereof.
Claims use since Dec. 2, 1937.

Ser. No. 400,740. WINDSOR-LLOYD PRODUCTS, INC., Wilmington, Del. Filed Dec. 11, 1937.

FLYING Scot

For Bicycles.
Claims use since Oct. 1, 1937.

CLASS 21

Electrical Apparatus, Machines, and Supplies

Ser. No. 394,910. RECORD-O-TONE, INC., Los Angeles and Hollywood, Calif. Filed July 6, 1937.

RECORD-O-TONE

The words "Record" and "Tone" are disclaimed apart from the mark.
For Machines, Apparatus, and Parts for the Electrical Transmission and Reception of Pictures, and Machines, Apparatus, and Parts for Radio Alarm Equipment, and Machines, Apparatus, and Parts for Electrically Recording and Electrically Producing Sound.
Claims use since July 8, 1932.

Ser. No. 397,084. RCA MANUFACTURING COMPANY, INC., Camden and Harrison, N. J. Filed Sept. 3, 1937.

TELLITE

For Fluorescent Screens for Use in Cathode Ray Tubes.
Claims use since July 29, 1937.

Ser. No. 398,525. CHISHOLM-RYDER CO., INC., Niagara Falls, N. Y. Filed Oct. 15, 1937.

PREMAX

For Radio Aerial Equipment.
Claims use since Apr. 1, 1933.

Ser. No. 400,782. MICRO SWITCH CORPORATION, Freeport, Ill. Filed Dec. 13, 1937.

MOTOR-COP

For Overload and Overheat Protectors for Electric Motors and for Circuit Controlling Protectors for Electric Power Translating Devices in General.
Claims use since Mar. 1, 1937.

Ser. No. 400,918. NATIONAL ELECTRIC PRODUCTS CORPORATION, Pittsburgh, Pa. Filed Dec. 16, 1937.

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For Insulated Electrical Conductor Wires.
Claims use since Oct. 8, 1937.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 400,372. PHILIP N. HARDIN, doing business as H & H Sales Company, Fortville, Ind. Filed Dec. 2, 1937.

Star Headliner

For Ticket and Punch Board Games.
Claims use since Nov. 24, 1933.

Ser. No. 401,006. WILLIAM H. THOMAS, Pittsburgh, Pa. Filed Dec. 17, 1937.

ROLL-N-SPELL

For Educational Game Consisting of a Plurality of Cubes Upon Each Side of Which is Shown a Letter of the Alphabet, the Aim Being to Compose as Many Correct Words as Possible by Combining All or Certain Letters Appearing at the Top of the Cubes at Each Throw Thereof.
Claims use since Nov. 18, 1937.

Ser. No. 401,073. PARKER BROTHERS, INC., Portland, Maine, and Salem, Mass. Filed Dec. 20, 1937.

CROSSWORD ANAGRAMS

No claim is made to the word "Crossword" apart from the mark.
For Card Game.
Claims use since Dec. 1, 1937.

Ser. No. 401,511. KENNETH SMITH, Lenexa, Kans. Filed Jan. 3, 1938.

DARTWIN

For Golf Clubs and Parts Thereof.
Claims use since Nov. 27, 1937.

Ser. No. 401,620. RONZONE & LANGE, New York, N. Y. Filed Jan. 6, 1938.

SWING-IT

For Ring and Peg Game.
Claims use since Dec. 17, 1937.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 396,127. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Aug. 7, 1937.



For Paper Machine Rolls, Wringer Rolls, Typewriter Platens, Computing Machine Platens, Tabulating Machine Platens, Textile Machine Rolls and Spinning Cots, and Other Rubber Surfaced Rolls, Bolster Aprons or Dehairing Belts Used in the Leather Tanning Industry, Paper Machine Aprons, Rubber Shaft Bearings, and Universal Joint Discs of Fabric and/or Rubber.
Claims use since February, 1926.

Ser. No. 399,454. MICROMATIC HONE CORPORATION, Detroit, Mich. Filed Nov. 8, 1937.

HYDROHONE

For Hone Machine for Grinding Cylinder Walls.
Claims use since Sept. 23, 1937.

Ser. No. 400,708. UTILITY INSTRUMENT COMPANY, Cranford, N. J. Filed Dec. 10, 1937.

Shav-O-Matic

For Electric Razors.
Claims use since Nov. 24, 1937.

Ser. No. 400,906. THE DORR COMPANY, INC., New York, N. Y. Filed Dec. 16, 1937.

BIOFILTER

For Apparatus for the Treatment of Solids Suspended in Liquids in Sewage and Trade-Waste Systems Such as Trickling Filters, Thickeners, and Clarifiers and/or Digesters.
Claims use since Nov. 20, 1937.

Ser. No. 400,907. THE DORR COMPANY, INC., New York, N. Y. Filed Dec. 16, 1937.

BIOROBIC

For Apparatus for the Treatment of Solids Suspended in Liquids in Sewage and Trade-Waste Systems Such as Trickling Filters, Thickeners, and Clarifiers and/or Digesters.
Claims use since Nov. 20, 1937.

Ser. No. 400,930. THE DORR COMPANY, INC., New York, N. Y. Filed Dec. 17, 1937.

CLARIGESTER

For Apparatus for the Treatment of Solids Suspended in Liquids in Sewage Systems Such as Thickeners and Clarifiers and/or Digesters.
Claims use since Nov. 15, 1937.

CLASS 24

Laundry Appliances and Machines

Ser. No. 400,852. WALTER D. PATTON, doing business as Patton Products Company, Los Angeles, Calif. Filed Dec. 14, 1937.

AUTOCRAT

For Dry Cleaning Machinery.
Claims use since June 1, 1932.

Ser. No. 401,204. THE AMERICAN LAUNDRY MACHINERY COMPANY, Cincinnati, Ohio. Filed Dec. 24, 1937.

ZARMOETTE

For Pressing Machines.
Claims use since May 14, 1937.

Ser. No. 401,656. THE FEDERAL WASHBOARD COMPANY, Chicago, Ill. Filed Jan. 7, 1938.

No 40

For Wash-Boards.
Claims use since Sept. 15, 1926.

Ser. No. 401,657. THE FEDERAL WASHBOARD COMPANY, Chicago, Ill. Filed Jan. 7, 1938.

No 60

For Wash-Boards.
Claims use since Sept. 15, 1926.

Ser. No. 401,658. THE FEDERAL WASHBOARD COMPANY, Chicago, Ill. Filed Jan. 7, 1938.

No. 70

For Wash-Boards.
Claims use since May 1, 1917.

Ser. No. 401,659. THE FEDERAL WASHBOARD COMPANY, Chicago, Ill. Filed Jan. 7, 1938.

No. 72

For Wash-Boards.
Claims use since May 1, 1917.

Ser. No. 401,660. THE FEDERAL WASHBOARD COMPANY, Chicago, Ill. Filed Jan. 7, 1938.

No 80

For Wash-Boards.
Claims use since Sept. 15, 1926.

Ser. No. 401,661. THE FEDERAL WASHBOARD COMPANY, Chicago, Ill. Filed Jan. 7, 1938.

No 85

For Wash-Boards.
Claims use since Sept. 15, 1926.

Ser. No. 401,674. NATIONAL WASHBOARD COMPANY, Chicago, Ill. Filed Jan. 7, 1938.

No 50

For Wash-Boards.
Claims use since October, 1934.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 400,786. NATIONAL BROACH & MACHINE CO., Detroit, Mich. Filed Dec. 13, 1937.



The drawing is lined for red.
For Gauges and Machines for Sound Testing Gears.
Claims use since Apr. 26, 1924.

CLASS 28

Jewelry and Precious-Metal Ware

Ser. No. 401,110. THE GRADUATE SCHOOL OF BANKING, New York, N. Y. Filed Dec. 21, 1937.



For Badges, Pendants, Emblems, and Buttons, Consisting Wholly or Partly of Precious Metal.
Claims use since Jan. 20, 1935.

CLASS 32

Furniture and Upholstery

Ser. No. 386,136. WELLS HISTORICAL MUSEUM, Southbridge, Mass. Filed Nov. 30, 1936.



For Antique and Reproductions of Antique Household Furniture, Including Beds, Chairs, Tables, Chests of Drawers, Stools, Desks, Sideboards, Stands, Sofas, and Picture and Mirror Frames.
Claims use since Nov. 16, 1936.

CLASS 33

Glassware

Ser. No. 398,743. UNITED STATES GLASS COMPANY, Pittsburgh, Pa. Filed Oct. 20, 1937.



The drawing is lined for blue and gold.
For Glass Articles—Namely, Plates, Trays, Jars, Jugs, Boxes, Decanters, Pitchers, Bowls, Bottles, Platters, Vases, Footed Pieces, Holders, Salt Shakers, Tumblers, Tubs, Compotes, Cups, Saucers, Lids, Covers, Goblets, Stemware, Boats, Coasters, Caster and Drinking Sets, and Bar Ware.
Claims use since Oct. 11, 1937.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 395,837. J. O. ROSS ENGINEERING CORPORATION, New York, N. Y. Filed July 30, 1937.

SUPERTHERM

For High Pressure Hot Water Heat Distribution Units and Parts Therefor.
Claims use since June 7, 1937.

Ser. No. 396,102. GENERAL GAS CORPORATION, Des Moines, Iowa. Filed Oct. 4, 1937.

Ruralgas

For Bottled Gas Regulating and Dispensing Units.
Claims use since Mar. 3, 1937.

Ser. No. 400,445. GLOBE AMERICAN CORPORATION, doing business as Makomb Steel Products Company, Kokomo, Ind., and Macomb, Ill. Filed Dec. 6, 1937.



For Oil Burning Water Heater.
Claims use since Oct. 26, 1937.

CLASS 35

Belting, Hose, Machinery Packing, and Non-metallic Tires

Ser. No. 396,075. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Aug. 6, 1937.



For Fan Belts, Car Washing Hose, Radiator Hose, Garden Hose, Air and Steam Hose, Cord Air Pressure Bags for Repairing Pneumatic Casings, Rubber Valves, Tire Flaps, Tube Repair Outfits, Tube Vulcanizing Kits, Nail Hole Patches, Valve Pads, Repair Units, or Tire Blow-Out Patches of Rubber and/or Fabric, Tire Repair Fabric, Repair Gums, Molded Packing Washers Formed of Heat Plastics, Such as Rubber or Synthetic Rubber Like Materials and/or Fibrous Reinforcing Materials, Asbestos Sheet Packing, Conveyor Belts, Flat Transmission Belts.
Claims use since May, 1926.

Ser. No. 396,520. TRU-FLEX RUBBER PRODUCTS COMPANY, Los Angeles, Calif. Filed Aug. 17, 1937.



For Tire Repair Patches.
Claims use since Dec. 2, 1936.

Ser. No. 399,093. KOPPERS COMPANY, Pittsburgh, Pa., and Baltimore, Md. Filed Oct. 29, 1937.

OILCUTTER

The word "Oil" is disclaimed apart from the mark.
For Piston Rings.
Claims use since Oct. 18, 1937.

CLASS 36

Musical Instruments and Supplies

Ser. No. 391,861. ELVER J. FITCHHORN, doing business as Saxette Company, Delaware, Ohio. Filed Apr. 26, 1937.

Saxette

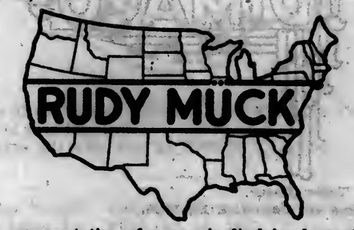
For Wind-Type Musical Instruments Having Certain of the Characteristics of a Clarinet or Flageolet.
Claims use since September, 1929.

Ser. No. 394,255. RCA MANUFACTURING COMPANY, INC., Camden, N. J. Filed June 18, 1937.



For Sound Records for Talking Machines.
Claims use since Apr. 5, 1933.

Ser. No. 400,732. RUDY MUCK, New York, N. Y. Filed Dec. 11, 1937.



The representation of a map is disclaimed apart from the mark.
For Musical Instruments and Accessories—Namely, Trumpets, Cornets, Trombones, Clarinets, Saxophones, Oboes, English Horns, Base Tubas, Percussion Instruments, Mouthpieces for All Instruments, and Reeds.
Claims use since Nov. 9, 1937.

Ser. No. 400,873. H. VOSS GREENOUGH, JR., Brookline, Mass. Filed Dec. 15, 1937.

TECHNICHORD

For Phonograph Records.
Claims use since Nov. 24, 1937.

CLASS 37

Paper and Stationery

Ser. No. 396,076. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Aug. 6, 1937.



For Rubber Bands and Pencil Erasers.
Claims use since May, 1926.

Ser. No. 398,431. GRAHAM PAPER COMPANY, St. Louis, Mo. Filed Oct. 13, 1937.

Producers' Master Copy

The words "Master Copy" are disclaimed apart from the mark.
For Printing and Writing Paper.
Claims use since Sept. 7, 1937.

Ser. No. 399,704. FIBRE CORD COMPANY, INC., New York, N. Y. Filed Nov. 13, 1937.

FCC

For Cordage, Ribbon, and Like Strands Composed Entirely or in Part of Cellulosic Material.
Claims use since Jan. 24, 1936.

Ser. No. 400,591. THE DIAMOND MATCH COMPANY, New York, N. Y. Filed Dec. 8, 1937.

DIMACO

For Toilet Tissue.
Claims use since Jan. 15, 1936.

Ser. No. 400,770. KIMBERLY-CLARK CORPORATION, Neenah, Wis. Filed Dec. 13, 1937.

Tribal

For Catalog and Booklet Cover Paper.
Claims use since Sept. 4, 1928.

Ser. No. 400,771. KIMBERLY-CLARK CORPORATION, Neenah, Wis. Filed Dec. 13, 1937.

RECONDITE

For Book and Catalog Cover Papers.
Claims use since July 1, 1933.

CLASS 38

Prints and Publications

Ser. No. 393,996. THOMAS S. MACMECHAN, Boston, Mass. Filed June 12, 1937.

THUM-MOVIES

For Animated Picture Booklets, Published in a Series, Said Booklets Comprising a Plurality of Related Photographs Bound Together and Adapted, When Viewed Consecutively in Succession, to Present the Appearance of Moving Pictures.
Claims use since Jan. 1, 1937.

Ser. No. 395,969. ROMAINE PIERSON PUBLISHERS, INC., New York, N. Y. Filed Aug. 3, 1937.

American
PROFESSIONAL PHARMACIST

No claim is made to the word "American" apart from the mark.
For Pharmaceutical Publication (a Monthly Publication Issued on the 15th of Each Month).
Claims use since April, 1935.

Ser. No. 397,817. POPULAR MAGAZINES, INC., Greenwich, Conn. Filed Sept. 25, 1937.

FOR MEN Only!

For Monthly Magazine.
Claims use since Aug. 1, 1937.

Ser. No. 399,534. THE DEMOCRATIC VOTER MANAGEMENT, Chicago, Ill. Filed Nov. 11, 1937.

THE DEMOCRATIC VOTER
"THE VOICE OF DEMOCRACY"

For Newspaper.
Claims use since July 25, 1937.

Ser. No. 399,984. EDUCATION NEWS PRINTING COMPANY, Minneapolis, Minn. Filed Nov. 17, 1937.

EDUCATION NEWS

For Newspaper Publication.
Claims use since Oct. 4, 1937.

Ser. No. 400,461. MECHANIZATION, INCORPORATED, Washington, D. C. Filed Dec. 4, 1937.

MECHANIZATION

For Periodical Publication.
Claims use since Nov. 24, 1937.

Ser. No. 400,522. THE PARENTS' INSTITUTE, INC., New York, N. Y. Filed Dec. 6, 1937.

PARENTS' MAGAZINE
incorporating MOTHER'S MAGAZINE and MOTHERS' ACTIVITIES

For Publication Published From Time to Time.
Claims use since November, 1937.

CLASS 39

Clothing

Ser. No. 386,198. BONZETTE FOUNDATIONS, INC., New York, N. Y. Filed Dec. 2, 1936.

IT'S THE TOPS BY BONZETTE, INC.

For Brassières, Body Foundations for Women, Corsets, Girdles, Ladies' and Children's Undershirts and Underdrawers.
Claims use since January, 1935.

Serfl. No. 395,540. SATTLER'S, INC., Buffalo, N. Y. Filed July 22, 1937.

DR. SALTERS

For Shoes Made of Leather and Leather and Fabric Combinations.
Claims use since Aug. 13, 1909.

Ser. No. 396,128. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Aug. 7, 1937.

G

For Rubber Heels, Rubber Soles and Soling Material, Rubber Household and Industrial Gloves, Footwear Comprising Boots and Shoes Made of Rubber and/or Fabric, Bathing Suits, and Bathing Caps.
Claims use since May, 1926.

Ser. No. 397,408. HUT NECKWEAR CO. INC., New York, N. Y. Filed Sept. 14, 1937.

BAMBOO WEAVE

The word "Weave" is disclaimed apart from the mark.
For Neckties and Cravats.
Claims use since Aug. 12, 1937.

Ser. No. 397,960. BENJAMIN BATTERMAN, Brooklyn, N. Y. Filed Sept. 30, 1937.

WHITE CROSS DIANA

For Ladies' Shoes of Leather and Fabric or Combinations of Said Materials.
Claims use since Jan. 15, 1937.

Ser. No. 398,533. FRANK & MEYER NECKWEAR COMPANY, St. Louis, Mo. Filed Oct. 15, 1937.

Sad-L-bak

For Neckwear—Namely, Men's and Boys' Necktles, Cravats, and Mufflers.
Claims use since July 6, 1937.

Ser. No. 398,644. STANDARD GARMENT CO. INC., New York, N. Y. Filed Oct. 18, 1937.

PENNIES FROM HEAVEN

For Ladies', Misses', and Children's Dresses, Outerskirts, Blouses, Suits, Coats, Capes, Aprons, Culottes, Uniforms for Nurses, Cooks, Maids, Waitresses, Manicurists, Demonstrators, Beauticians and House Use, Underwear, Slips, Pajamas, Negligees, Panties, Nightgowns, Under-vests, Bloomers, Brassières, Union-suits, and House Coats.
Claims use since Aug. 16, 1937.

Ser. No. 398,767. THE FINTEX CORPORATION, Cleveland, Ohio, and Detroit, Mich. Filed Oct. 21, 1937.

Saddle Stitching originated by Fellow of Fashion

The words "Saddle Stitching" and "Originated by" and "Fashion" are disclaimed apart from the mark.
For Men's Suits, Coats, Vests, Topcoats, and Overcoats.
Claims use since August, 1937.

Ser. No. 399,939. SCHWARTZ & BENJAMIN, INC., New York, N. Y. Filed Nov. 19, 1937.

Flight by Customcraft

The word "By" is disclaimed apart from the mark.
For Ladies' and Misses' Shoes Made of Leather, Canvas, Fabric, or Compositions or Combinations Thereof.
Claims use since July 15, 1937.

Ser. No. 399,974. I. MILLER AND SONS, INC., Long Island City, N. Y. Filed Nov. 20, 1937.

PARISAND

For Ladies' Shoes Made of Leather, Fabric, and Combinations of These Materials.
Claims use since Nov. 10, 1937.

Ser. No. 399,983. ALLIED KNITTING MILLS, New York, N. Y. Filed Nov. 22, 1937.

SOCIETY CLUB SPORTWEAR
SOCIETY'S CHOICE

The expression "Sportwear" is disclaimed apart from the mark.
For Men's and Boys' Neckties, Mufflers, Gloves Made of Leather or Fabric, Outer Shirts, Sweaters, Hosiery, and Sport Jackets.
Claims use since January, 1932.

Ser. No. 400,144. WARNSTAR SILK COMPANY, INC., New York, N. Y. Filed Nov. 24, 1937.

Genuine PANAMA Necktie CLOTH

The words "Genuine Panama Necktie Cloth" are disclaimed apart from the mark.
For Neckties.
Claims use since Sept. 28, 1937.

Ser. No. 400,235. KEYSTONE BLOOMER CO., INC., Brooklyn, N. Y. Filed Nov. 29, 1937.

Audrey

For Dress Shirts, Polo Shirts, and Lumber Jackets for Men, Women, and Children.
Claims use since March, 1927.

Ser. No. 400,317. MARTIN'S, Brooklyn, N. Y. Filed Nov. 30, 1937.

THE GENTLEMAN'S CORNER

For Men's Wearing Apparel—Namely, Dress, Negligee, Work, and Sport Shirts, Neckties, Bathrobes, Pajamas, Mufflers, and Underwear.
Claims use since Nov. 9, 1937.

Ser. No. 400,346. KRUMMOLZ & LICHTBLAU, New York, N. Y. Filed Dec. 1, 1937.

Kel Sheer

The word "Sheer" is disclaimed apart from the mark.
For Ladies' and Children's Underwear.
Claims use since July 15, 1937.

Ser. No. 400,348. EVA LIPSHITZ, doing business as Lacov Underwear Company, New York, N. Y. Filed Dec. 1, 1937.

Lightning Stripe

The word "Stripe" is disclaimed apart from the mark.
For Women's and Misses' Underwear in the Nature of Panties, Step-ins, Bloomers, Vests, Chemises, Nightgowns, Pajamas, and Slips.
Claims use since Aug. 1, 1937.

Ser. No. 400,383. MCCURRACH ORGANIZATION INCORPORATED, New York, N. Y. Filed Dec. 2, 1937.

"TEMPUS-TIE"

The word "Tie" is disclaimed apart from the mark.
For Men's Neckties and Mufflers.
Claims use since Nov. 29, 1937.

Ser. No. 400,387. LEFCORT HOSIERY MILLS, INC., New York, N. Y. Filed Dec. 2, 1937.

One Woman Tells Another-

VALCORT HOSIERY

The word "Hosiery" is disclaimed apart from the mark.
For Ladies' Hosiery.
Claims use since Jan. 6, 1936.

Ser. No. 400,396. BAKER CLOTHES INC., Philadelphia, Pa. Filed Nov. 30, 1937.

Utili-Fleece

The word "Fleece" is disclaimed apart from the mark.
For Men's and Boys' Suits, Coats, Vests, Trousers, Overcoats, Dress Suits, and Scarfs.
Claims use since Aug. 11, 1937.

Ser. No. 400,518. DAVID MINCHENBERG, New York, N. Y. Filed Dec. 6, 1937.

DAY-CHIME

For Women's and Misses' Dresses, Blouses, Culottes, Lounging Pajamas, Outer Robes, Slacks, Skirts, and Play Suits.
Claims use since Nov. 4, 1937.

Ser. No. 400,608. I. & R. MORLEY LIMITED, London, England. Filed Dec. 8, 1937. Under 10-year proviso.

MORLEY

For Hosiery, and Men's, Women's, and Children's Underwear.
Claims use since 1878.

Ser. No. 400,648. KIDDIES PAL, INC., New York, N. Y. Filed Dec. 9, 1937.

SNOOKIES

For Girls' Dresses and Boys' Suits.
Claims use since Nov. 1, 1937.

Ser. No. 400,657. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Dec. 9, 1937.

Kerrybrooke

For Women's Sport Coats and Hats and Riding Breeches for Women and Girls.
Claims use since Sept. 21, 1936.

Ser. No. 400,664. WEINBERG, WEINBERG & ALPERN, New York, N. Y. Filed Dec. 9, 1937.

Meadowcraft

For Sportswear for Women and Misses—Namely, Dresses, Suits, Coats, Blouses, and Jackets.
Claims use since Oct. 27, 1937.

Ser. No. 400,679. A. S. BECK SHOE CORPORATION, New York, N. Y. Filed Dec. 10, 1937.

A.S.BECK Rest-Ease

For Men's and Women's Shoes and Slippers Made of Leather and/or Fabric or Mixtures of These Materials.
Claims use since Nov. 26, 1937.

Ser. No. 400,687. MON FEIT, Brighton Beach, N. Y. Filed Dec. 10, 1937.

Delten

For Ladies' and Misses' Dresses and Wraps.
Claims use since Oct. 20, 1937.

Ser. No. 400,695. THE MAY DEPARTMENT STORES COMPANY, New York, N. Y., Baltimore, Md., Akron and Cleveland, Ohio, Denver, Colo., Los Angeles, Calif., and St. Louis, Mo. Filed Dec. 10, 1937.

TEX TURIZED

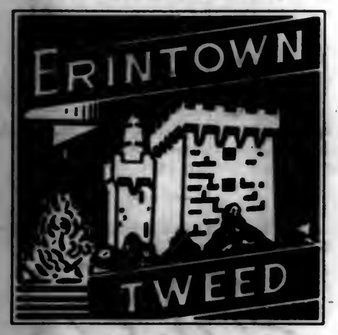
For Men's Negligee, Sport, Work, and Dress Shirts, and Collars.
Claims use since Aug. 31, 1937.

Ser. No. 400,725. ESSEX RUBBER COMPANY, Trenton, N. J. Filed Dec. 11, 1937.

INVADER

For Rubber Heels.
Claims use since Nov. 26, 1937.

Ser. No. 400,775. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y. Filed Dec. 13, 1937.



The word "Tweed" is disclaimed apart from the mark.
For Men's and Boys' Suits and Topcoats.
Claims use since Oct. 11, 1937.

Ser. No. 400,778. LEVY BROS. & ADLER ROCHESTER, INCORPORATED, Rochester, N. Y. Filed Dec. 13, 1937.



The word "Gabardine" is disclaimed apart from the mark.
For Men's and Boys' Suits and Topcoats.
Claims use since Oct. 11, 1937.

Ser. No. 401,123. THE WARNER BROTHERS COMPANY, Bridgeport, Conn. Filed Dec. 21, 1937.

ALPHABET

For Brassières.
Claims use since Feb. 9, 1936.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 398,595. WM. SIMPSON, SONS & CO., Philadelphia, PA. Filed Oct. 16, 1937.

IT HAS EVERYTHING

For Cotton Goods in the Piece.
Claims use since Sept. 15, 1937.

Ser. No. 399,363. R. H. MACY & CO., INC., New York, N. Y. Filed Nov. 5, 1937. Under section 5b of the act of 1905 as amended in 1920.

MACY'S

For Silk Piece Goods, Gauze Pads Not for Surgical Use, Diaper Cloth in the Piece, Blanket Covers, Dish Towels, Ribbons, Cheese Cloth, Hair Nets, Stockinette Sheets, Irish Linen, Mattress Covers, Sheets, Pillow Cases, Box Spring Covers, Blankets, Towels, Wash Cloths, Rugs, Pot Holders, and Bath Mats.

Claims use on silk piece goods since 1915; on diaper cloth in the piece since 1919; on sheets and pillow cases since 1922; on cheese cloth and hair nets since 1931; on mattress covers since 1932; on blanket covers since 1933; on stockinette sheets and box spring covers since 1934; on ribbons since spring of 1936; on dish towels, Irish linen, blankets, towels, wash cloths, and bath mats since fall of 1936; on rugs since 1934; on pot holders since the fall of 1936; and on gauze pads since 1936.

Ser. No. 399,485. J. K. STIEFEL & COMPANY, New York, N. Y. Filed Nov. 8, 1937.



The words "Couturier Laces" are disclaimed apart from the mark.
For Laces in the Piece.
Claims use since July 24, 1937.

Ser. No. 400,204. REYNOLDS METALS COMPANY, INC., New York, N. Y. Filed Nov. 27, 1937.

METOILE

For Cotton Piece Goods Coated with Metallic Foil.
Claims use since Oct. 28, 1937.

Ser. No. 400,360. YOUNG'S TEXTILE MILLS, INC., New York, N. Y. Filed Dec. 1, 1937.

Sav-a-Wave

For Hair Nets.
Claims use since May, 1937.

Ser. No. 400,365. COHN HALL MARX CO., New York, N. Y. Filed Dec. 2, 1937.



Applicant disclaims the words "Linens" and "Lancer."
For Linen Piece Goods.
Claims use since Nov. 4, 1937.

Ser. No. 400,720. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y. Filed Dec. 11, 1937.

HYLO

For Pile Fabrics in the Piece Composed of Mohair and Cotton.
Claims use since Nov. 24, 1937.

Ser. No. 400,841. THE JAUNTY SILK CO. INC., Scranton, Pa. Filed Dec. 14, 1937.

Satin Seraphim

The word "Satin" is disclaimed.
For Piece Goods of Satin, Silk, Rayon, Cottons, and Mixtures and Combinations Thereof.
Claims use since July 1, 1937.

CLASS 43

Thread and Yarn

Ser. No. 397,543. LUDLOW MANUFACTURING & SALES CO., Boston, Mass. Filed Sept. 18, 1937.



The words "Boston, Mass." are disclaimed apart from the mark. The drawing is lined for red.
For Thread Made of Flax for Shoemakers' Use.
Claims use since Feb. 4, 1936.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 396,129. THE B. F. GOODRICH COMPANY, New York, N. Y., and Akron, Ohio. Filed Aug. 7, 1937.



For Rectal and Stomach Tubes, Ice Caps and Bags, Throat Bags, Atomizers, Breast Pumps, Politzer Bags, Medicine Droppers, Invalid Cushions, Ear and Ulcer Syringes, Infant Syringes, Nasal Syringes, Bulb Syringes, Rectal Syringes, Vaginal Syringes, Syringe Attachments, Surgeons' Rubber Gloves, and Hot Water Bottles.
Claims use since May, 1926.

Ser. No. 400,628. BAKER & COMPANY, INC., Newark, N. J. Filed Dec. 9, 1937.

Cello-Cote

The word "Cote" is disclaimed apart from the mark.
For Liquid Separation Material Especially for Use in Making Dental Impressions and Dental Models.
Claims use since Oct. 4, 1937.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 381,458. JERO PRODUCTS CO., Chicago, Ill. Filed July 25, 1936.

Château Jero
Cocktail Party

For Non-alcoholic, Maltless Syrups and Flavors for Soft Drinks and Mixers.
Claims use since Dec. 15, 1935.

Ser. No. 396,530. DERR-PILKINGTON CORPORATION, Boonville, Ind. Filed Aug. 18, 1937.



The portraits are those of Joe and Joann Derr, children of the president of applicant corporation. The word "Cola" is disclaimed apart from the mark.
For Non-alcoholic Beverages and for a Compound for Flavoring Cola Drinks.
Claims use since June 1, 1937.

Ser. No. 399,247. S AND W FINE FOODS, INC., San Francisco, Calif. Filed Nov. 2, 1937.

Peach-Nectarade

The word "Peach" is disclaimed apart from the mark.
For Fruit Juices Sold for Beverage Purposes Only.
Claims use since Aug. 23, 1937.

Ser. No. 399,471. OREGON FRUIT PACKERS, Portland, Oreg. Filed Nov. 8, 1937.

PRUTONE

For Fruit Juices, Particularly Prune Juice, and Other Fruit Juices Mixed with Prune Juice Sold for Beverage Purposes.
Claims use since Oct. 12, 1937.

Ser. No. 399,478. H. J. SCHUETTE, doing business as M. A. Newmark Co., Los Angeles, Calif. Filed Nov. 8, 1937.

NATURE'S FINER FLAVER

No claim is made to the words "Finer Flavor" apart from the mark.
For Soft Drinks—Namely, Gingerale and Lime Rickey, and Grape Juice, Orange Juice, and Pineapple Juice Sold as a Beverage.
Claims use since Oct. 23, 1937.

Ser. No. 399,791. CALIFORNIA CONSUMERS CORPORATION, Los Angeles, Calif. Filed Nov. 16, 1937.

Best Circles

For Canned Nonalcoholic Citrus Juice Sold as a Beverage.
Claims use since Nov. 5, 1937.

Ser. No. 400,245. PALMER FRUIT PRODUCTS INC., New York, N. Y. Filed Nov. 29, 1937.



The word "Rais'N" is disclaimed apart from the mark.
For Bottled Non-alcoholic Juice, Sold as a Beverage.
Claims use since May 7, 1936.

Ser. No. 400,251. SAMET LABORATORIES, Philadelphia, Pa. Filed Nov. 29, 1937.

TWANG

For Soft Drinks and Syrups for Making the Same.
Claims use since May 1, 1917.

Ser. No. 400,323. JAMES VERNOR COMPANY, Detroit, Mich. Filed Nov. 30, 1937.



For Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks, and Syrups, Extracts, and Flavors Used in Making the Same.
Claims use since July 1, 1934.

Ser. No. 400,349. DOROTHY MILLER, Toledo, Ohio. Filed Dec. 14, 1937.

TWINSIZE

For Non-alcoholic, Non-cereal, Maltless Beverages Sold as Soft Drinks, and Sirups and Extracts for Making the Same.
Claims use since Oct. 15, 1937.

Ser. No. 400,862. JOHN WOYAK, Elmira, N. Y. Filed Dec. 14, 1937.

Fawn



For Non-Alcoholic, Non-Cereal, Maltless Beverages Sold as Soft Drinks, and Sirups and Extracts for Making the Same, and Mineral Waters.
Claims use since Dec. 22, 1933.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 362,882. SCHNEIDER BROTHERS AND COMPANY OF BLOOMSBURG, PENNSYLVANIA, doing business as Better Food Stores, Bloomsburg, Pa. Filed Mar. 22, 1935.



The words "Service" and "Quality" are disclaimed apart from the mark.
For Coffee, Catsup, Dill Pickles, Sweet Pickles, Jellies, Peanut Butter, Cider Vinegar, Mince Meat, Horse Radish, Mustard, and Maple Syrup.
Claims use since Jan. 17, 1934.

Ser. No. 371,917. GEORGE GAVORA, doing business as Honey Bee Specialties Company, Chicago, Ill. Filed Nov. 23, 1935.

IT'S Tops

For Candied Pop Corn Confections.
Claims use since Nov. 6, 1935.

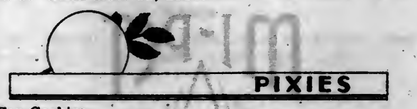
Ser. No. 377,713. NORRIS L. RHODES, Chardon, Ohio. Filed Apr. 27, 1936.

Festival
Maple Products

N. L. RHODES

No claim is made to the words "Maple Products" and "N. L. Rhodes" apart from the mark.
For Maple Syrup.
Claims use since Oct. 1, 1935.

Ser. No. 385,472. BURRY BISCUIT CORPORATION, Linden, N. J. Filed Nov. 13, 1936.



For Cookies.
Claims use since July 20, 1936.

Ser. No. 395,303. C. C. LANG & SON, INC., Baltimore, Md. Filed July 16, 1937. Under 10-year proviso.

LANG'S

For Pickles, Whole-Sliced or Cut; Relishes, Pickle, Pepper, and Cabbage; Peppers, Sauerkraut, Pickled Beets, Pickled Onions, Vegetable Chow, Chow Chow, and Sweet Chow.
Claims use since 1870.

Ser. No. 396,518. SCOTT-BORDEN, INC., Anaheim, Calif. Filed Aug. 17, 1937.

X-RAY

For Fresh Citrus Fruits.
Claims use since July 11, 1937.

Ser. No. 396,856. GEORGE WESTON, LIMITED, Passaic, N. J. Filed Aug. 27, 1937.

ROUND THE WORLD

For Cookies.
Claims use since July 1, 1937.

Ser. No. 397,600. PETERSEN & EVERTSEN, INC., New York, N. Y. Filed Sept. 20, 1937.

Stuyvesant



The mark consists of the representation of the historical character Peter Stuyvesant.
For Coffee, Rice, and Spices.
Claims use since 1900.

Ser. No. 398,218. MI-PET PRODUCTS COMPANY, New York, N. Y. Filed Oct. 6, 1937.

MI-PET



For Canary Seed.
Claims use since Sept. 1, 1937.

Ser. No. 399,260. WEBER FOOD PRODUCTS CO., Cincinnati, Ohio. Filed Nov. 2, 1937.

KURLIES

For Fried Cornmeal Sticks.
Claims use since Oct. 15, 1937.

Ser. No. 399,377. STANDARD BRANDS INCORPORATED, New York, N. Y. Filed Nov. 5, 1937.

DB

For Malt Syrup Adapted for Use as an Ingredient in Making Bread and in Making Other Bakery Products.
Claims use since Aug. 31, 1937.

Ser. No. 400,138. TOLAND & DONALD, Mission, Tex. Filed Nov. 24, 1937.



For Fresh Citrus Fruits.
Claims use since Oct. 16, 1937.

Ser. No. 400,139. TOLAND & DONALD, Mission, Tex. Filed Nov. 24, 1937.

LAND-O-MAGIC

For Fresh Citrus Fruits.
Claims use since Oct. 16, 1937.

Ser. No. 400,197. GEO. H. LIBBEY, doing business as Libbey Fruit Packing Co., Phoenix, Ariz. Filed Nov. 27, 1937.

ARIZONA
BESTEST
Scott Libbey

The signature is that of applicant. No claim is made to the name "Arizona" or the notation "Bestest" apart from the mark.
For Fresh Citrus Fruit.
Claims use since December, 1934.

Ser. No. 400,472. EUGENE R. SCHOOLEY, doing business as Schooley and Son, Luzerne, Pa. Filed Dec. 4, 1937.

BLUE STREAK

DOG RATION

The words "Dog Ration" are disclaimed apart from the mark.
For Dog Rations.
Claims use since June 28, 1937.

Ser. No. 400,612. RESTAURANTS & PATISSERIES LONGCHAMPS, INC., New York, N. Y. Filed Dec. 8, 1937.

Longchamps

For Candy, Coffee, Tea.
Claims use since Dec. 31, 1922.

Ser. No. 400,680. R. M. BARKER, doing business as A. E. Barker & Company, Los Angeles, Calif. Filed Dec. 10, 1937.

BARKER



For Fresh Vegetables.
Claims use since Sept. 30, 1937.

Ser. No. 400,796. SCHUTTER CANDY COMPANY, Chicago, Ill. Filed Dec. 13, 1937.

GOLDEN
HARVEST

For Candy.
Claims use since Oct. 15, 1937.

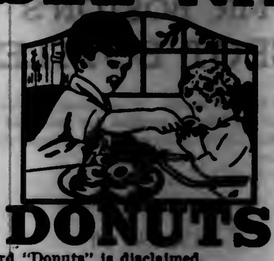
Ser. No. 400,816. WENATCHEE VALLEY FOODS, INC., Wenatchee, Wash. Filed Dec. 13, 1937.

"Yes Madame"

For Canned Fruits.
Claims use since Aug. 28, 1937.

Ser. No. 400,818. YUM YUM BAKING CO. INC., Brooklyn, N. Y. Filed Dec. 13, 1937.

SEE-NA



DONUTS

The word "Donuts" is disclaimed.
For Doughnuts.
Claims use since Nov. 12, 1936.

Ser. No. 401,058. HUNTER JOHNSON, Salinas, Calif. Filed Dec. 20, 1937.

HEY!
HEY!

For Fresh Vegetables.
Claims use since Nov. 9, 1937.

CLASS 47

Wines

Ser. No. 398,821. L. N. RENAULT & SONS, INC., Egg Harbor City, N. J. Filed Oct. 22, 1937.

RENAULT'S
AMERICAN OLD RESERVE

The words "American Old Reserve" are disclaimed apart from the mark. Applicant is owner of T. M. Reg. Nos. 305,203 and 249,037 effected under the ten-year proviso, and covering the name "Renault".
For Wine.
Claims use since Jan. 21, 1936.

Ser. No. 398,822. L. N. RENAULT & SONS, INC., Egg Harbor City, N. J. Filed Oct. 22, 1937.

VIN BLANC
Renault

Applicant is owner of T. M. Reg. Nos. 305,203 and 249,037 effected under the ten-year proviso and covering the name "Renault". The words "Vin Blanc" are disclaimed apart from the mark.
For Wine.
Claims use since Aug. 18, 1937.

Ser. No. 398,823. L. N. RENAULT & SONS, INC., Egg Harbor City, N. J. Filed Oct. 22, 1937.

VIN ROUGE
Renault

Applicant is owner of T. M. Reg. Nos. 305,203 and 249,037 effected under the ten-year proviso, and covering the name "Renault". The words "Vin Rouge" are disclaimed apart from the mark.
For Wine.
Claims use since Aug. 18, 1937.

Ser. No. 400,766. HUDSON VALLEY WINE COMPANY, INC., Highland, N. Y. Filed Dec. 13, 1937.

Sondria

For Wines.
Claims use since Oct. 15, 1934.

CLASS 48

Malt Beverages and Liquors

Ser. No. 394,449. CAMDEN COUNTY BEVERAGE COMPANY, Camden, N. J. Filed June 24, 1937.



Lord Camden Ale

Applicant disclaims the word "Ale".
For Ale.
Claims use since Oct. 1, 1934.

Ser. No. 394,480. LOUIS ECKERT BREWING COMPANY, Los Angeles, Calif. Filed June 25, 1937.



The words "Lager" and "Beer" apart from the mark and the representation of the label per se are disclaimed. The drawing is lined for blue, green, orange, and yellow.
For Beer.
Claims use since June 30, 1934.

Ser. No. 400,202. NEWSOM, PALMER & COMPANY, New York, N. Y., assignor to Tea Bureau Incorporated, a corporation of New York. Filed Nov. 27, 1937.

SKI-BALL

For Beer and Ale.
Claims use since Aug. 31, 1937.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 399,744. JAS. BARCLAY & CO., LIMITED, Detroit, Mich., and Peoria, Ill. Filed Nov. 15, 1937.



No claim is made to the representation of a label colored gold. All notations except the letter B, the name "Barclay's" and applicant's corporate name are disclaimed apart from the mark as shown. The drawing is lined for gold, red, and black.
For Whiskey.
Claims use since May 11, 1936.

Ser. No. 401,806. BEN-BURK, INC., Boston, Mass. Filed Jan. 12, 1938.

MR. BOSTON'S
SPOT BOTTLE

Applicant is the owner of registration No. 341,344, effected under the 10-year proviso, for the word "Boston". The word "Bottle" is disclaimed apart from the mark.
For Whiskey.
Claims use since Jan. 6, 1938.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 398,726. RICHARD HUDNUT, INC., New York, N. Y. Filed Oct. 20, 1937.

BEAUTY-ANGLE

For Toilet Kits, Such Kits Containing a Mirror, Toilet Tissues, and a Number of Preparations for the Treatment of the Skin, Said Toilet Kits Being Sold as an Entirety.
Claims use since May 11, 1937.

Ser. No. 399,631. HAROLD WARP, doing business as Warp Brothers, Chicago, Ill. Filed Nov. 11, 1937.

WINDOW-TEX

The word "Window" is disclaimed apart from the mark.
For Impregnated Fabric Used as a Substitute for Windows, and for Weatherproofing.
Claims use since 1932.

Ser. No. 400,342. GODFREY ROLLER COMPANY, Philadelphia, Pa. Filed Dec. 1, 1937.

AQUATEX

For Knitted Fabric Covers for Dampening Rollers for Lithography or Offset Printing.
Claims use since Nov. 2, 1937.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

FEBRUARY 15, 1938

354,425. BEER. SOUTH BETHLEHEM BREWING COMPANY, Bethlehem, Pa.
Filed April 20, 1935. Serial No. 364,028. PUBLISHED JULY 9, 1935. Class 48.

354,426. INSULATED CONDUCTORS, WIRE, CORDS, AND CABLE, FOR USE IN THE ELECTRICAL ARTS. AUTOMATIC ELECTRIC COMPANY, Chicago, Ill.
Filed November 4, 1935. Serial No. 371,137. PUBLISHED DECEMBER 31, 1935. Class 21.

354,427. APPARATUS FOR AUTOMATICALLY CONTROLLING AN OPERATION IN RESPONSE TO TELEMETRIC IMPULSES CORRESPONDING TO CHANGES IN ONE OR MORE VARIABLE CONDITIONS, ETC. BUILDERS IRON FOUNDRY, Providence, R. I.
Filed November 7, 1935. Serial No. 371,296. PUBLISHED APRIL 6, 1937. Class 26.

354,428. SAW BLADES. THE FORSBERG MANUFACTURING CO., Bridgeport, Conn.
Filed November 20, 1935. Serial No. 371,800. PUBLISHED JANUARY 7, 1936. Class 23.

354,429. MEDICINE FOR INTERNAL HUMAN USE IN THE TREATMENT OF STOMACHIC COMPLAINTS. RU-MARI, LIMITED, London, England.
Filed January 8, 1936. Serial No. 373,465. PUBLISHED MARCH 24, 1936. Class 6.

354,430. NON-SELF-RISING WHEAT FLOUR FOR MAKING BREAD. PACKARD MILLING COMPANY, Custer, Okla.
Filed July 22, 1936. Serial No. 381,322. PUBLISHED DECEMBER 7, 1937. Class 46.

354,431. WINES. ROMA WINE COMPANY, INC., Lodi, Calif.
Filed August 24, 1936. Serial No. 382,527. PUBLISHED DECEMBER 7, 1937. Class 47.

354,432. CANNED VEGETABLES, CANNED FRUITS, CANNED FISH, CANNED VIENNA SAUSAGE, FRUIT PRESERVES, SALAD DRESSING, PICKLE RELISH, MUSTARD, TOMATO CATSUP, CANNED PORK AND BEANS, COFFEE, COCOA, TEA, SPICES, OLIVE OIL, WHEAT FLOUR, AND FOOD FLAVORING EXTRACTS. RECORD SUPPLY CORPORATION, Chicago, Ill.
Filed August 31, 1936. Serial No. 382,767. PUBLISHED DECEMBER 7, 1937. Class 46.

354,433. INSECTICIDES, INSECT EXTERMINATORS, REPELLENTS, DETERRENTS, AND PREVENTIVES. REEFER-GALLER INC., New York, N. Y.
Filed October 23, 1936. Serial No. 384,715. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,434. STARCH TO BE USED AS A RAW OR PARTLY PREPARED MATERIAL FOR VARIOUS INDUSTRIAL AND PHARMACEUTICAL PURPOSES. AMERICAN MAIZE-PRODUCTS COMPANY, New York, N. Y.
Filed November 5, 1936. Serial No. 385,173. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,435. UPHOLSTERY MATERIAL, MORE SPECIFICALLY A FABRIC BASE WHICH HAS BEEN TREATED WITH RUBBER AND OTHER SUBSTANCES PRODUCING ARTIFICIAL LEATHER. UNITED STATES RUBBER PRODUCTS, INC., New York, N. Y.
Filed November 6, 1936. Serial No. 385,241. PUBLISHED DECEMBER 7, 1937. Class 50.

354,436. NONINTOXICATING CEREAL MALTLESS BEVERAGES. ATLAS BREWING COMPANY, Chicago, Ill.
Filed November 19, 1936. Serial No. 385,720. PUBLISHED NOVEMBER 30, 1937. Class 45.

354,437. BOOKLETS OR PAMPHLETS PUBLISHED FROM TIME TO TIME. THE DENVER AND RIO GRANDE WESTERN RAILROAD COMPANY, Denver, Colo.
Filed November 21, 1936. Serial No. 385,835. PUBLISHED DECEMBER 7, 1937. Class 38.

354,438. MEN'S, WOMEN'S, AND CHILDREN'S PAJAMAS. KAYLON, INC., New York, N. Y.
Filed December 9, 1936. Serial No. 386,541. PUBLISHED DECEMBER 7, 1937. Class 39.

354,439. LATHES (WOOD AND METAL TURNING BENCH TYPE), FACE PLATES (FOR WOOD AND METAL TURNING LATHES), POWER HACK SAWS, WET GRINDERS (WATER LUBRICATED ABRASIVE SERVICE), JIG SAWS, TABLE SAWS, BUFFERS, DISC SANDERS, BELT SANDERS, SHAPERS (MACHINES WITH ROTATABLE CUTTING BLADES), DRILL PRESSES, HAND DRILLS, CHISELS, HAND GRINDERS (HAND OPERATED ABRASIVE SERVICE), VISES, SHAFT HANGERS, WOOD CLAMPS, CHUCKS, AND WIRE WHEELS. DOUBLE A PRODUCTS COMPANY, INC., Ann Arbor, Mich.
Filed December 21, 1936. Serial No. 386,986. PUBLISHED JUNE 8, 1937. Class 23.

354,440. LETTER PAPER AND ENVELOPES. SUPREME COUNCIL, ORDER OF THE AMARANTH, Upper Darby, Pa.
Filed January 2, 1937. Serial No. 387,407. PUBLISHED DECEMBER 7, 1937. Class 37.

354,441. HAIR DRESSING, SCALP TONIC, COLD CREAM, FACE POWDER, FACE LOTION, AND LIP STICK. L. H. MEADOWS, Seattle, Wash.
Filed January 2, 1937. Serial No. 387,481. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,442. MONTHLY PUBLICATION DEVOTED TO PERSONAL HYGIENE. H. GERNSBACK, doing business as The Facts of Life, New York, N. Y.
Filed February 3, 1937. Serial No. 388,497. PUBLISHED APRIL 27, 1937. Class 38.

354,443. INEDIBLE STARCH PRODUCTS FOR INDUSTRIAL PURPOSES. A. E. STALEY MANUFACTURING COMPANY, Decatur, Ill.
Filed February 11, 1937. Serial No. 388,805. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,444. ELECTRICAL CIRCUIT BREAKERS, SWITCHES, FUSES, FUSE PLUG CUT OUTS, BASES, OUTLET BOX AND HOUSINGS, RECEPTACLES, SOCKETS, ETC. THE ARROW-HART & HEGEMAN ELECTRIC COMPANY, Hartford, Conn.
Filed February 17, 1937. Serial No. 389,007. PUBLISHED DECEMBER 7, 1937. Class 21.

354,445. MEDICAL PREPARATION FOR TREATING HUMAN FEET. LUIGI AIELLO, Scranton, Pa.
Filed February 18, 1937. Serial No. 389,049. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,446. MEDICINAL TONIC FOR USE IN PROMOTING BLOOD, BONE, AND TISSUE BUILDING. JOSEPH L. ZIMMERMAN, doing business as Heart O' Beet Laboratory, Chicago, Ill.
Filed February 23, 1937. Serial No. 389,290. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,447. ROOFING MOPS. FREDERICK A. SPEIK, Los Angeles, Calif.
Filed February 24, 1937. Serial No. 389,337. PUBLISHED AUGUST 3, 1937. Class 29.

354,448. BEER AND ALE. ATLAS BREWING COMPANY, Chicago, Ill.
Filed February 26, 1937. Serial No. 389,401. PUBLISHED DECEMBER 7, 1937. Class 48.

354,449. WOOLEN FABRICS IN THE PIECE. COMMODORE WOOLEN CO., New York, N. Y.
Filed November 1, 1937. Serial No. 399,166. PUBLISHED DECEMBER 14, 1937. Class 42.

354,450. WATER REPELLENT COMPOUND USED IN THE PROCESSING OF TEXTILE FABRICS. WARWICK CHEMICAL COMPANY, West Warwick, R. I.
Filed March 9, 1937. Serial No. 389,854. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,451. WATER REPELLENT COMPOUND USED IN THE PROCESSING OF TEXTILE FABRICS. WARWICK CHEMICAL COMPANY, West Warwick, R. I.
Filed March 9, 1937. Serial No. 389,855. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,452. LADIES' AND MISSES' DRESSES AND BLOUSES. WINTER-DRITTEL, INC., New York, N. Y.
Filed March 12, 1937. Serial No. 389,952. PUBLISHED MAY 11, 1937. Class 39.

354,453. PREPARATIONS FOR KILLING INSECTS AND FUNGI. "ORBONO" PFLANZENSCHUTZMITTEL G. M. B. H., Berlin, Germany.
Filed March 15, 1937. Serial No. 390,083. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,454. HAIR TONIC, COLD CREAM, CAMPHOR CREAM, SHAMPOO, FACE LOTION, HAIR POMADE, SALVE FOR COLDS, SULPHUR SALVE FOR SOOTHING AND HEALING THE SKIN. FRANK A. WHETZEL, doing business as Sasa Products Co., Portland, Oreg.
Filed March 22, 1937. Serial No. 390,392. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,455. LADIES' BLOUSES, LADIES' SHIRTWAISTS, AND LADIES' WAISTS. LERNER BLOUSE CO., New York, N. Y.
Filed March 24, 1937. Serial No. 390,459. PUBLISHED NOVEMBER 23, 1937. Class 39.

354,456. LADIES' FUR COATS MADE OF CAPE HORN SEAL. WEISS & SUSSMAN, New York, N. Y.
Filed March 30, 1937. Serial No. 390,719. PUBLISHED DECEMBER 7, 1937. Class 39.

354,457. PRODUCT USED IN TREATING VARIOUS FIBRES, SUCH AS TEXTILE FIBRES, PAPER, ETC., AND MORE PARTICULARLY FOR THE REMOVAL OF WAXES AND OTHER FINISHING MATERIALS FROM SUCH TEXTILE PAPER, ETC. NATIONAL OIL PRODUCTS COMPANY, Harrison, N. J.
Filed April 1, 1937. Serial No. 390,767. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,458. BEER AND ALE. CHESTER BREWERY, INC., Chester, Pa.
Filed April 10, 1937. Serial No. 391,176. PUBLISHED DECEMBER 7, 1937. Class 48.

354,459. COLUMN APPEARING IN A PERIODICAL. THE BUTTERICK COMPANY, INC., New York, N. Y.
Filed April 14, 1937. Serial No. 391,309. PUBLISHED JUNE 15, 1937. Class 38.

354,460. TUBES FILLED WITH A MEDICINAL SOLUTION SUITABLE FOR INJECTION PURPOSES. WILLIAM H. ROBER, INC., Philadelphia, Pa.
Filed April 14, 1937. Serial No. 391,344. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,461. FRESH CITRUS FRUIT. GLENDORA CO-OPERATIVE CITRUS ASSN., Glendora, Calif.
Filed April 23, 1937. Serial No. 391,758. PUBLISHED DECEMBER 7, 1937. Class 46.

354,462. FRESH CITRUS FRUIT. GLENDORA CO-OPERATIVE CITRUS ASSN., Glendora, Calif.
Filed April 23, 1937. Serial No. 391,759. PUBLISHED DECEMBER 7, 1937. Class 46.

354,463. FOOT POWDER. HUSSMANN-HOLMES COMPANY, Los Angeles, Calif.
Filed April 23, 1937. Serial No. 391,763. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,464. SEDATIVES, SEALED CAPSULES TO REDUCE BLOOD PRESSURE, AND SALT SUBSTITUTE, GIVEN INTERNALLY FOR CERTAIN NERVOUS DISORDERS AND FOR RELIEF OF PAIN. THEODORE J. BENDLAGE, doing business as Anthony Lily Co., Long Beach, Calif.
Filed April 28, 1937. Serial No. 391,948. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,465. LADIES' DRESSES, CLOAKS, COATS, AND SUITS. STYLE GARMENT COMPANY, INC., Los Angeles, Calif.
Filed May 4, 1937. Serial No. 392,293. PUBLISHED DECEMBER 7, 1937. Class 39.

354,466. RADIO RECEIVING SETS AND PARTS THEREOF. FINLAY STRAUS, INC., New York, N. Y.
Filed May 6, 1937. Serial No. 392,365. PUBLISHED JUNE 29, 1937. Class 21.

354,467. MEDICINAL PREPARATION USED IN THE TREATMENT OF ULCERS, TUBERCULOSIS, CARCINOMA, CHRONIC SUPPURATIONS, ECZEMA, AND VENEREAL DISEASES. FRIEDRICH MERZ, doing business as Merz & Co., Frankfort-on-the-Main, Germany.
Filed May 6, 1937. Serial No. 392,382. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,468. SOLUTION OF MORPHINE. FRIEDRICH MERZ, doing business as Merz & Co., Frankfort-on-the-Main, Germany.
Filed May 6, 1937. Serial No. 392,385. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,469. MEDICINAL PREPARATIONS IN LIQUID, TABLET, AND OINTMENT FORM AND USED IN THE TREATMENT OF VENEREAL DISEASES, RHEUMATISM, ETC. FRIEDRICH MERZ, doing business as Merz & Co., Frankfort-on-the-Main, Germany.
Filed May 6, 1937. Serial No. 392,386. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,470. PERFUMED AND MEDICINAL SOAP. EWEN CAMERON, Wellington, New Zealand.
Filed May 7, 1937. Serial No. 392,411. PUBLISHED JUNE 29, 1937. Class 4.

354,471. ANTACID POWDER, EARACHE DROPS, NOSE AND THROAT DROPS, RECTAL CONES, SODA PERBORATE FLAVORED, SULPHUR OINTMENT, ETC. COFFIN-REDINGTON COMPANY, San Francisco, Calif.
Filed May 8, 1937. Serial No. 392,669. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,472. DYED CONEY COATS, CAPES, AND JACKETS. THE FUR MART OF AMERICA, INC., New York, N. Y.
Filed May 20, 1937. Serial No. 393,030. PUBLISHED DECEMBER 7, 1937. Class 39.

354,473. FISH OILS AND BY-PRODUCTS THEREOF FOR VETERINARY PURPOSES, AND FISH OILS AND BY-PRODUCTS THEREOF FOR USE IN MEDICINE AND PHARMACY. BRITISH COD LIVER OIL PRODUCERS (HULL) LIMITED, Hull, England.
Filed May 21, 1937. Serial No. 393,062. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,474. METALLIC SOAPS COMPOSED OF NAPHTHENATES, OLEATES, PALMITATES, STEARATES, AND OTHER ORGANIC FATTY ACIDS IN COMBINATION WITH METALS OTHER THAN SODIUM OR POTASSIUM HAVING A GENERAL USE IN THE INDUSTRIAL ARTS. METASAP CHEMICAL COMPANY, Harrison, N. J.
Filed May 21, 1937. Serial No. 393,083. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,475. ROACH POWDER. KRAUS CHEMICAL WORKS, Brooklyn, N. Y.
Filed May 22, 1937. Serial No. 393,137. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,476. FOUNTAIN PENS, DESK SETS, MECHANICAL PENCILS, AND COMBINATION PEN AND PENCIL. SYNDICATE ASSOCIATES CORPORATION, New York, N. Y.
Filed May 28, 1937. Serial No. 393,398. PUBLISHED OCTOBER 5, 1937. Class 37.

354,477. CIGARETTE HOLDERS, CIGAR HOLDERS, AND PIPES CONTAINING DENICOTINIZING TUBE FILLERS, AND TUBE REFILLS FOR THE SAME. DENICOTEA, SOCIETE ANONYME, Antwerp, Belgium.
Filed June 3, 1937. Serial No. 393,584. PUBLISHED DECEMBER 7, 1937. Class 8.

354,478. POWDER KNOWN IN THE TRADE AS "BAKING CREAM" CONSISTING OF SODIUM PYROPHOSPHATE AND CORN STARCH IN PREDETERMINED AMOUNTS WHICH REACTS WITH SEPARATELY ADDED BICARBONATE OF SODA TO PRODUCE LEAVENING ACTION IN THE BAKING OPERATION. FEDERAL YEAST CORPORATION, Baltimore, Md.
Filed June 3, 1937. Serial No. 393,589. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,479. FROZEN CONFECTIONS. JOE LOWE CORPORATION, New York, N. Y.
Filed June 4, 1937. Serial No. 393,658. PUBLISHED DECEMBER 7, 1937. Class 46.

354,480. COUNTER-IRRITANT OINTMENT FOR MUSCULAR ACHES AND PAINS, RHEUMATISM, AND THE LIKE. MARGARET F. FARRELL, Los Angeles, Calif.
Filed June 10, 1937. Serial No. 393,929. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,481. PHARMACEUTICAL PREPARATION WHICH IS A SCLEROSING SOLUTION FOR THE INJECTION TREATMENT OF HERNIA. JOANNA C. DIETZ, doing business as Dequin Physicians' Products Co., Chicago, Ill.
Filed June 12, 1937. Serial No. 393,975. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,482. CANNED FRUITS—NAMELY, APRICOTS, CHERRIES, PEACHES, PEARS, PLUMS, GRAPEFRUIT, ETC. J. J. GIELOW & SONS, INC., Detroit, Mich.
Filed June 12, 1937. Serial No. 393,982. PUBLISHED DECEMBER 7, 1937. Class 46.

354,483. PERIODICAL PUBLICATION. THE KINGSWAY PRESS, INC., Scarsdale, N. Y.
Filed June 16, 1937. Serial No. 394,134. PUBLISHED SEPTEMBER 21, 1937. Class 38.

354,484. METAL PIPE FITTINGS. STANLEY G. FLAGG & Co., INC., Philadelphia and Stowe, Pa.
Filed June 18, 1937. Serial No. 394,226. PUBLISHED DECEMBER 7, 1937. Class 13.

354,485. TRUSSES AND TRUSS PADS. THE OHIO TRUSS COMPANY, Cincinnati, Ohio.
Filed June 19, 1937. Serial No. 394,299. PUBLISHED DECEMBER 7, 1937. Class 44.

354,486. CALIFORNIA VARIETIES OF WHITE AND RED WINES, PORT, SHERRY, MUSCATEL, AND OTHER CALIFORNIA SWEET WINES. ERROL MACBOYLE, Santa Rosa, Calif.
Filed June 21, 1937. Serial No. 394,335. PUBLISHED DECEMBER 7, 1937. Class 47.

354,487. SOAP. PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass.
Filed June 22, 1937. Serial No. 394,383. PUBLISHED NOVEMBER 30, 1937. Class 4.

354,488. MEDICINES USED IN THE TREATMENT OF PULMONARY DISEASES. OLIVE E. HURLBERT, Los Angeles, Calif.
Filed June 25, 1937. Serial No. 394,488. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,489. DAILY NEWSPAPER. THE DAY PUBLISHING COMPANY, New London, Conn.
Filed June 28, 1937. Serial No. 394,591. PUBLISHED DECEMBER 7, 1937. Class 38.

354,490. PREPARATIONS COMPOSED OF VARIOUS VITAMINS AND IRON FOR SUPPLEMENTING DIETS DEFICIENT IN VITAMINS AND IRON. PROFESSIONAL LABORATORIES, INC., New York, N. Y.
Filed July 2, 1937. Serial No. 394,804. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,491. SLIPS. SUPERIOR PETTICOAT COMPANY, INC., New York, N. Y.
Filed July 2, 1937. Serial No. 394,813. PUBLISHED NOVEMBER 30, 1937. Class 39.

354,492. FUR COATS. FESHBACH & ACKERMAN, INC., New York, N. Y.
Filed July 3, 1937. Serial No. 394,835. PUBLISHED NOVEMBER 30, 1937. Class 39.

354,493. PURSES, POCKETBOOKS, AND LADIES' HAND BAGS. LENNOX MANUFACTURING COMPANY, St. Louis, Mo.
Filed July 3, 1937. Serial No. 394,842. PUBLISHED DECEMBER 7, 1937. Class 3.

354,494. LADIES' UNDERGARMENTS, SPECIFICALLY PRINCESS SLIPS. HYMAN LEB. MAYERS, doing business as Almo Undergarment Company, New York, N. Y.
Filed July 3, 1937. Serial No. 394,849. PUBLISHED NOVEMBER 30, 1937. Class 39.

354,495. CHEMICAL WASHING FLUIDS FOR WASHING, BLEACHING, DEODORIZING, AND DISINFECTING. CHARLES J. CINSOLO, Deer Park, Ohio.
Filed July 3, 1937. Serial No. 394,882. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,496. STOKERS FOR FURNACES, AND PARTS THEREOF. WHITING CORPORATION, Harvey, Ill.
Filed July 6, 1937. Serial No. 394,924. PUBLISHED SEPTEMBER 28, 1937. Class 34.

354,497. LIQUID LINIMENT AND RUBEFACIENT FOR EXTERNAL USE. HERMAN FELS, New York, N. Y.
Filed July 9, 1937. Serial No. 395,024. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,498. CLEANSING CREAM, STIMULANT CREAM, ABSORBENT CREAM, SKIN TONIC AND ASTRINGENT, PROTECTIVE LOTION, CREAM ROUGE, POWDER BASE, COMPLEXION MASK, FACE POWDER, EYE SHADOW, AND LIPSTICK. CONSTANCE BENNETT, INC., Los Angeles, Calif.
Filed July 12, 1937. Serial No. 395,119. PUBLISHED OCTOBER 26, 1937. Class 6.

354,499. OATMEAL CLEANSING CREME, CARROT CREME (A TISSUE BUILDER), AND ACNE AND BLEACH CREME. PIKE AND DAVIS, INC., Seattle, Wash.
Filed July 12, 1937. Serial No. 395,149. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,500. PHARMACEUTICAL PREPARATIONS PARTICULARLY LAXATIVE COLD TABLETS. BENTLEY L. JACOB, doing business as Jarap Company, St. Louis, Mo.
Filed July 14, 1937. Serial No. 395,194. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,501. MANGE TREATMENT PREPARATION AND STERILIZING OIL FOR ANIMALS AND FOWL. MOORMAN MANUFACTURING COMPANY, Quincy, Ill.
Filed July 15, 1937. Serial No. 395,235. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,502. PUMPS AND PUMPING APPARATUS AND PARTS THEREOF FOR SUPPLYING WATER UNDER PRESSURE. GENERAL MOTORS CORPORATION, Detroit, Mich.
Filed July 16, 1937. Serial No. 395,291. PUBLISHED DECEMBER 7, 1937. Class 22.

354,503. COUGH BON BONS, COUGH CONFECTIONS, AND COUGH SYRUPS. BENN WINDT, New York, N. Y.
Filed July 16, 1937. Serial No. 395,327. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,504. PREPARATION FOR THE TREATMENT OF PYORRHEA. JOHN L. BULLOCK, doing business as Dr. J. B. Remedy Company, Durham, N. C.
Filed July 17, 1937. Serial No. 395,331. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,505. RUSSIAN MINERAL OIL FOR USE IN THE MANUFACTURE OF PHARMACEUTICALS, COSMETICS, AND FOR GENERAL USE IN THE INDUSTRIAL ARTS. S. SCHWABACHER & Co., INC., New York, N. Y.
Filed July 17, 1937. Serial No. 395,356. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,506. HAIR TONIC. CRUSELLAS RHUM QUINQUINA Co., INC., New York, N. Y.
Filed July 19, 1937. Serial No. 395,401. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,507. RECEPTACLES FOR TICKETS CONSISTING OF A CYLINDRICAL WOODEN CONTAINER PROVIDED WITH A COMBINATION LOCK AND MOUNTED ON A BASE HAVING THE APPEARANCE OF A SAFE AND HAVING A SLOT IN THE TOP FOR THE INSERTION OF TICKETS. WALDO DE WILDE, Pendleton, Oreg.
Filed July 20, 1937. Serial No. 395,446. PUBLISHED DECEMBER 7, 1937. Class 2.

354,508. INSECTICIDE. SOY BEAN PROCESSING COMPANY, Waterloo, Iowa.
Filed July 21, 1937. Serial No. 395,491. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,509. LACES SOLD BY THE PIECE. SOLOMON & BIENBAUM, INC., New York, N. Y.
Filed July 22, 1937. Serial No. 395,544. PUBLISHED SEPTEMBER 28, 1937. Class 42.

354,510. COSMETIC LIQUID PREPARATION FOR THE TREATMENT OF THE SKIN. ERNESTINE O. FOWLER, doing business as Betty Wells Cosmetic Company, San Francisco, Calif.
Filed July 26, 1937. Serial No. 395,641. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,511. BLANK FORMS INTERLEAVED WITH CARBON. ALFRED ALLEN WATTS CO., INC., New York, N. Y.
Filed July 28, 1937. Serial No. 395,726. PUBLISHED OCTOBER 5, 1937. Class 37.

354,512. FIRE EXTINGUISHING CHEMICALS IN SINGLE-USE CONTAINERS. UNIT PACKAGES, INC., Elizabeth, N. J.
Filed July 29, 1937. Serial No. 395,774. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,513. SULFONAMIDE OF PARA-AMINO-BENZENE FOR USE IN THE TREATMENT OF DISEASES CAUSED BY STREPTOCOCCI, STAPHYLOCOCCI, AND OTHER FORMS OF PATHOGENIC ORGANISMS. JOHN WYETH AND BROTHER, INCORPORATED, Philadelphia, Pa.
Filed July 29, 1937. Serial No. 395,780. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,514. DRUGS AND COSMETICS—NAMELY, BORAX, SULPHUR FLOWERS, BORIC ACID, BICARBONATE OF SODA, ETC. HEARN DEPARTMENT STORES, INC., New York, N. Y.
Filed July 30, 1937. Serial No. 395,825. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,515. CHEMICAL COMPOUNDS FOR FINISHING TEXTILES AND PAPERS BY IMPREGNATING AND COATING. CELLULOSE HOLDINGS, LTD., New York, N. Y.
Filed July 31, 1937. Serial No. 395,854. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,516. CHILE CON CARNE, TAMALES. RUTHERFORD FOOD CORPORATION, Kansas City, Mo.
Filed August 3, 1937. Serial No. 395,970. PUBLISHED DECEMBER 7, 1937. Class 46.

354,517. FACE CREAMS. CHRISTOPHER LUCKHAUPT, Jamaica, N. Y.
Filed August 5, 1937. Serial No. 396,037. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,518. FRESH DECIDUOUS FRUITS—NAMELY, PEARS AND PEACHES. HEGGBLADE-MARGUERAS Co., San Francisco, Calif.
Filed August 7, 1937. Serial No. 396,133. PUBLISHED SEPTEMBER 21, 1937. Class 46.

354,519. SWEATERS AND SWEATER SETS. WILSON BROS. & COHEN, INC., New York, N. Y.
Filed August 9, 1937. Serial No. 396,216. PUBLISHED NOVEMBER 30, 1937. Class 39.

354,520. PARA-AMINOBENZENE-SULPHONAMIDE FOR TREATING INFECTIONS. EMILS MCK. BEEKMAN, doing business as Beekman Chemical Company, New York, N. Y.
Filed August 11, 1937. Serial No. 396,257. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,521. VEHICLE INSTRUMENT PANELS, SHOCK ABSORBERS, BRAKES, BRAKE DRUMS, SHOES, CYLINDERS, PISTONS, PISTON DISCS, DIAPHRAGMS, PEDALS, CONNECTING RODS AND SPRINGS, VEHICLE SPRINGS, WINDSHIELD WIPERS, AND INDEPENDENT FRONT END SUSPENSIONS. GENERAL MOTORS CORPORATION, Detroit, Mich.
Filed August 13, 1937. Serial No. 396,359. PUBLISHED DECEMBER 7, 1937. Class 19.

354,522. PAJAMAS. JOHNSON CREVELING & Co., Los Angeles, Calif.
Filed August 14, 1937. Serial No. 396,405. PUBLISHED DECEMBER 7, 1937. Class 39.

354,523. FLANNEL PADS IMPREGNATED WITH A COSMETIC CLEANSING LOTION. JULES M. MARTON, Chicago, Ill.
Filed August 16, 1937. Serial No. 396,465. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,524. DERMATOTHERAPEUTIC MEDICATION. THE DOAK COMPANY, INC., Cleveland, Ohio.
Filed August 16, 1937. Serial No. 396,480. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,525. CLOTHS AND STUFFS OF WOOL, WORSTED, OR HAIR (PIECE GOODS). ADAMS & COMPANY, New Basford, Nottingham, England.
Filed August 18, 1937. Serial No. 396,526. PUBLISHED NOVEMBER 30, 1937. Class 42.

354,526. PROPHYLACTIC RUBBER PARCHMENT ARTICLES FOR THE PREVENTION OF CONTAGIOUS DISEASES. AROMAR PRODUCTS Co., San Francisco, Calif.
Filed August 18, 1937. Serial No. 396,527. PUBLISHED DECEMBER 7, 1937. Class 44.

354,527. COSMETICS—NAMELY, PERFUMES, TOILET WATERS, FACE POWDERS, LIPSTICKS, ROUGES, TALCUM, SHAMPOOS, DEPILATORIES, DEODORANTS, BRILLIANTINES, SKIN LOTIONS, AND SACHETS. PARFUMS BLANCHARD INC., New York, N. Y.
Filed August 18, 1937. Serial No. 396,545. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,528. BOTTLED AND CANNED APPLE BEVERAGE. LYNDONVILLE CANNING Co. INC., Lyndonville, N. Y.
Filed August 19, 1937. Serial No. 396,573. PUBLISHED NOVEMBER 30, 1937. Class 45.

354,529. TABLETS FOR RELIEF OF PAIN, AND OINTMENT FOR THE RELIEF OF ITCHING. JACOB J. DAVIS, doing business as Reed Laboratories, Boston, Mass.
Filed August 20, 1937. Serial No. 396,599. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,530. COLORS IN THE FORM OF POWDER AND PULP USED IN THE MANUFACTURE OF COSMETICS. H. KOHNSTAMM & CO., INC., New York, N. Y.
Filed August 21, 1937. Serial No. 396,637. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,531. MEDICINAL SALTS FOR TREATING RHEUMATISM AND KINDRED COMPLAINTS. FYNNON LIMITED, Brentford, England.
Filed August 23, 1937. Serial No. 396,677. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,532. BOILER COMPOUNDS, COMPOUNDS FOR THE PREVENTION OF CORROSION AND SCALE FORMATION, WATER TREATMENT COMPOUNDS, ETC. ABERDEEN LABORATORIES INC., New York, N. Y.
Filed August 25, 1937. Serial No. 396,727. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,533. LAXATIVE AND ENZYME COMPOUND. EDWARD HOWELL, Chicago, Ill.
Filed August 25, 1937. Serial No. 396,739. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,534. HAND CREAM, FACE POWDER, CUTICLE OIL, FACIAL MASQUE, CUTICLE CREAM, BRILLIANTINE, NAIL POLISH, ETC. GEORGE E. KOSOLT, doing business as Artblend Cosmetic Studios, Chicago, Ill.
Filed August 25, 1937. Serial No. 396,740. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,535. MEDICINAL PREPARATION FOR TREATING PILES. MERRITT F. BUTLER, doing business as Freeman Products, Howard City, Mich.
Filed August 26, 1937. Serial No. 396,761. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,536. MEDICAL COMPOUND RECOMMENDED FOR TREATMENT OF EPILEPSY. GEORGE WILBER NULY, doing business as Wilber-Allen Laboratory, Fort Wayne, Ind.
Filed August 26, 1937. Serial No. 396,780. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,537. PREPARATION FOR THE TREATMENT OF NAUSEA, AND ESPECIALLY THAT ARISING FROM SEA OR AIR TRAVEL. DAWSTELL LABORATORIES, Jacksonville, Fla.
Filed August 27, 1937. Serial No. 396,808. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,538. MONTHLY PRINTED PERIODICAL OR TRADE PAPER. GROCER-GRAPHIC, INC., New York, N. Y.
Filed August 27, 1937. Serial No. 396,812. PUBLISHED DECEMBER 7, 1937. Class 38.

354,539. OUTER SHIRTS, SHORTS, SLACKS, AND SPORTSWEAR, CONSISTING OF DRESSES, BLOUSES, AND JACKETS, FOR MEN, WOMEN, AND CHILDREN. WAMSUTTA MILLS, New Bedford, Mass.
Filed August 27, 1937. Serial No. 396,849. PUBLISHED NOVEMBER 30, 1937. Class 39.

354,540. ELECTRIC PORTABLE LAMPS. PARK-SHERMAN CO., Chicago, Ill.
Filed August 28, 1937. Serial No. 396,893. PUBLISHED DECEMBER 7, 1937. Class 21.

354,541. INSECTICIDE AND INSECTIFUGE. KILGORE DEVELOPMENT CORPORATION, Washington, D. C.
Filed August 30, 1937. Serial No. 396,923. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,542. LOCAL ANAESTHETIC FOR MINOR SURGERY. MILO A. CHEHAK, doing business as Security Laboratories, Cedar Rapids, Iowa.
Filed August 31, 1937. Serial No. 396,952. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,543. MEDICINAL PREPARATION SUITABLE FOR USE AS A LAXATIVE, PURGATIVE, APERIENT, DIURETIC, INTESTINAL ELIMINANT, AND FOR THE TREATMENT OF CONSTIPATION AND AILMENTS ATTRIBUTABLE THERETO. PICOT LABORATORIES, INC., Wilmington, Del.
Filed August 31, 1937. Serial No. 396,965. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,544. CULTURED MILK FOOD PRODUCT HAVING A BENEFICIAL DIETETIC EFFECT. THE SANODERM COMPANY, INC., New York, N. Y.
Filed August 31, 1937. Serial No. 396,969. PUBLISHED DECEMBER 7, 1937. Class 46.

354,545. INSECTICIDE. IT-FLOPS MFG. CO., Brooklyn, N. Y.
Filed September 2, 1937. Serial No. 397,032. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,546. CANNED FRUITS, CANNED VEGETABLES, TOMATO JUICE, CANNED FRUIT JUICES FOR FOOD PURPOSES, JELLIES, AND MARMALADE. PALMETTO CANNING CO., Palmetto, Fla.
Filed September 2, 1937. Serial No. 397,049. PUBLISHED DECEMBER 7, 1937. Class 46.

354,547. GUMMED PAPER TAPE. JESSE E. REAVIS, doing business as Northern Gum Tape Co., Minneapolis, Minn.
Filed September 3, 1937. Serial No. 397,086. PUBLISHED DECEMBER 7, 1937. Class 37.

354,548. PILE FABRICS IN THE PIECE OF COTTON BASE, COMBINATION WOOL AND MOHAIR, USED IN THE MANUFACTURE OF LADIES' COATS AND SUITS. MOE ROSENBERG, New York, N. Y.
Filed September 3, 1937. Serial No. 397,087. PUBLISHED NOVEMBER 30, 1937. Class 42.

354,549. DRAFT ARM NOZZLES FOR SODA FOUNTAINS AND THE LIKE. MORTIMER J. BROWN, Niagara Falls, N. Y.
Filed September 4, 1937. Serial No. 397,108. PUBLISHED DECEMBER 7, 1937. Class 13.

354,550. PREPARATION USED IN THE TREATMENT OF SEXUAL UNDERDEVELOPMENT, STERILITY, OVARIAN DYSFUNCTION, AMENORRHEA, HABITUAL ABORTION, AND UTERINE BLEEDING. ENDO PRODUCTS, INC., New York, N. Y.
Filed September 4, 1937. Serial No. 397,112. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,551. PREPARATION USED IN THE TREATMENT OF HABITUAL OR THREATENED ABORTION, AMENORRHEA, AND DYSMENORRHEA. ENDO PRODUCTS, INC., New York, N. Y.
Filed September 4, 1937. Serial No. 397,113. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,552. MEN'S AND YOUNG MEN'S COATS, VESTS, AND TROUSERS. LOUIS S. ROSE, doing business as Rose Brothers, New York, N. Y.
Filed September 4, 1937. Serial No. 397,154. PUBLISHED NOVEMBER 30, 1937. Class 39.

354,553. MAGNESIUM TRISILICATE PRODUCT INDICATED FOR USE AS AN ANTACID, ANTISEPTIC, AND ANTITOXIC. FREDERICK STEARNS & CO., Detroit, Mich.
Filed September 7, 1937. Serial No. 397,201. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,554. MILK BEAUTY BATH PREPARATION. JAMES E. LANPHEAR, Glendale, Calif.
Filed September 4, 1937. Serial No. 397,209. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,555. ALCOHOLIC BEVERAGE DISTILLED FROM FRESH ORANGE PEEL WITH RUM. EL LOUVRE, S. A., Willemstad, Curacao, Netherlands West Indies.
Filed September 8, 1937. Serial No. 397,216. PUBLISHED DECEMBER 7, 1937. Class 49.

354,556. LIPSTICKS. LEHN & FINK PRODUCTS CORPORATION, Bloomfield, N. J.
Filed September 8, 1937. Serial No. 397,218. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,557. TOILET WATER. PINAUD INCORPORATED, New York, N. Y.
Filed September 8, 1937. Serial No. 397,226. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,558. SKIN FRESHENER AND TONIC, LIQUEFYING CREAM, AND CREAM LOTION. POND'S EXTRACT COMPANY, New York, N. Y.
Filed September 8, 1937. Serial No. 397,227. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,559. TALCUMS, DUSTING POWDER, BATH CRYSTALS, PERFUME, TOILET WATER, AND SACHET. GEORGE W. BUTTON CORPORATION, New York, N. Y.
Filed September 9, 1937. Serial No. 397,243. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,560. NECKWEAR TIE LININGS IN THE PIECE, CONSTRUCTED OF COTTON, WOOLEN, MOHAIR, RAYON, OR OTHER MATERIALS, OR A COMBINATION THEREOF. M. J. MACK CORP., New York, N. Y.
Filed September 9, 1937. Serial No. 397,256. PUBLISHED NOVEMBER 30, 1937. Class 42.

354,561. WOMEN'S DRESSES. RUTH RIFF SAIFER, St. Louis, Mo.
Filed September 9, 1937. Serial No. 397,268. PUBLISHED NOVEMBER 30, 1937. Class 39.

354,562. MARMALADES. GERTRUDE ANNE VINER, doing business under the name Scotch Products, Forestville, Conn.
Filed September 9, 1937. Serial No. 397,271. PUBLISHED DECEMBER 7, 1937. Class 46.

354,563. OUTSIDE GARMENTS KNOWN AS TOPCOATS FOR PERSONS GENERALLY. ALFRED DECKER & COHN, INC., Chicago, Ill.
Filed September 11, 1937. Serial No. 397,329. PUBLISHED DECEMBER 7, 1937. Class 39.

354,564. EFFERVESCENT HEADACHE TABLETS. EFFANTAB PRODUCTS, INC., New Rochelle, N. Y.
Filed September 11, 1937. Serial No. 397,331. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,565. LAVENDER WATER, BATH SALTS, AND TOILET POWDER. THE ERASMIC COMPANY, LIMITED, Warrington, England.
Filed September 11, 1937. Serial No. 397,333. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,566. CRYSTALLINE VITAMIN D. ALBA PHARMACEUTICAL COMPANY, INC., New York, N. Y.
Filed September 13, 1937. Serial No. 397,351. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,567. COMIC DRAWINGS PUBLISHED IN A SERIES IN DAILY AND SUNDAY NEWSPAPERS. UNITED FEATURE SYNDICATE, INC., New York, N. Y.
Filed September 13, 1937. Serial No. 397,392. PUBLISHED DECEMBER 7, 1937. Class 38.

354,568. VENTILATING, CIRCULATING, AND AIR CONDITIONING FANS. E. A. LABORATORIES, INC., Brooklyn, N. Y.
Filed September 14, 1937. Serial No. 397,403. PUBLISHED DECEMBER 7, 1937. Class 34.

354,569. ASTRINGENTS, ASTRINGENT CERATES, BEAUTY CREAMS, BLEACH CREAMS, COLD CREAMS, CLEANSING CREAMS, ETC. PARFUMERIE ST. DENIS, New York, N. Y.
Filed September 14, 1937. Serial No. 397,416. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,570. WHISKEY. RATHJEN BROS., INC., San Francisco, Calif.
Filed September 14, 1937. Serial No. 397,422. PUBLISHED NOVEMBER 30, 1937. Class 49.

354,571. HEAVY CHEMICALS, PARTICULARLY SODIUM SULPHIDE, SALT CAKE, SODIUM BISULPHITE, ACETIC ACID, FERRIC SULPHATE, ETC. GENERAL CHEMICAL COMPANY, New York, N. Y.
Filed September 15, 1937. Serial No. 397,437. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,572. HEAVY CHEMICALS, PARTICULARLY SODIUM SULPHIDE, SALT CAKE, SODIUM BISULPHITE, ACETIC ACID, FERRIC SULPHATE, ETC. GENERAL CHEMICAL COMPANY, New York, N. Y.
Filed September 15, 1937. Serial No. 397,438. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,573. ANTISEPTIC FOR THE RELIEF OF ATHLETE'S FOOT, RUBBER ITCH, RING WORM, POISON IVY, AND SORE MOUTH. ALBERT MINKS, Elmwood Place, Ohio.
Filed September 15, 1937. Serial No. 397,451. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,574. CHILDREN'S WASH FROCKS. EDWARD SHUWALL & CO., INC., Pottstown, Pa.
Filed September 15, 1937. Serial No. 397,457. PUBLISHED NOVEMBER 30, 1937. Class 39.

354,575. COUGH BON BONS, COUGH CONFECTIONS, AND COUGH SYRUPS. BENN WINDT, New York, N. Y.
Filed September 15, 1937. Serial No. 397,465. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,576. MEDICINAL PREPARATION CONTAINING A MIXTURE OF VITAMINS. HOFFMANN-LA ROCHE, INC., Nutley, N. J.
Filed September 16, 1937. Serial No. 397,472. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,577. MEDICINAL PREPARATION INDICATED FOR USE AS A SEDATIVE AND HYPNOTIC. HOFFMANN-LA ROCHE, INC., Nutley, N. J.
Filed September 16, 1937. Serial No. 397,473. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,578. WATER-REPELLANT PREPARATION FOR USE ON FABRICS AND GARMENTS TO PREVENT DISCOLORATION THEREOF BY PERSPIRATION. SUDOL PRODUCTS, INC., New Orleans, La.
Filed September 16, 1937. Serial No. 397,469. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,579. FRESH CITRUS FRUITS. HOLLY HILL FRUIT PRODUCTS, INC., Davenport, Fla.
Filed September 17, 1937. Serial No. 397,509. PUBLISHED DECEMBER 7, 1937. Class 46.

354,580. DISHES MADE OF CHINA AND EARTHENWARE. NEWLAND, SCHNEELOCH & PIEK, INC., New York, N. Y.
Filed September 17, 1937. Serial No. 397,512. PUBLISHED DECEMBER 7, 1937. Class 30.

354,581. COTTON AND RAYON PIECE GOODS. M. LOWENSTEIN & SONS, INC., New York, N. Y.
Filed September 18, 1937. Serial No. 397,541. PUBLISHED NOVEMBER 30, 1937. Class 42.

354,582. MEDICAMENT USEFUL IN THE TREATMENT OF HAY FEVER AND OTHER AIR-BORNE INFECTIONS. PHAGE LABORATORIES, INC., New York, N. Y.
Filed September 18, 1937. Serial No. 397,548. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,583. BLEACH AND WATER SOFTENER HAVING INCIDENTAL GERMICIDAL, DEODORANT, AND DISINFECTANT PROPERTIES. PUREX CORPORATION, LTD., South Gate, Calif.
Filed September 18, 1937. Serial No. 397,549. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,584. BOYS' CLOTHING—NAMELY, BOYS' SUITS, SHORT PANTS, KNICKERS, AND LONG PANTS. SANDESS MANUFACTURING COMPANY, Philadelphia, Pa.
Filed September 18, 1937. Serial No. 397,556. PUBLISHED DECEMBER 7, 1937. Class 39.

354,585. PREPARATION FOR THE RELIEF OF ATHLETE'S FOOT, SWIMMER'S ITCH, ATHLETE'S FOOT ITCH, AND RINGWORM OF THE FEET. MAURICE SPIEGEL, doing business as Maurice Laboratories, Boston, Mass.
Filed September 18, 1937. Serial No. 397,558. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,586. PHARMACEUTICAL PREPARATION FOR USE IN THE TREATMENT OF PERNICIOUS ANEMIA. THE CALCO CHEMICAL COMPANY, INC., Bound Brook, N. J.
Filed September 20, 1937. Serial No. 397,570. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,587. SHEETS OF PAPER PARTIALLY COATED WITH TRANSFER MATERIAL. THE GENERAL MANIFOLD AND PRINTING COMPANY, Franklin, Pa.
Filed September 20, 1937. Serial No. 397,575. PUBLISHED DECEMBER 7, 1937. Class 37.

354,588. POPPED POPCORN. RUSSELL T. LUND, doing business as Red E Poptcorn Company, Los Angeles, Calif.
Filed September 20, 1937. Serial No. 397,584. PUBLISHED DECEMBER 7, 1937. Class 46.

354,589. FACE POWDER. LEHN & FINK PRODUCTS CORPORATION, Bloomfield, N. J.
Filed September 20, 1937. Serial No. 397,598. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,590. INSECT REPELLENT MATERIAL. HAROLD A. E. WENGER, doing business as Regnew Laboratories, Madison, Wis.
Filed September 21, 1937. Serial No. 397,633. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,591. MEN'S OUTER APPAREL—NAMELY, SUITS, COATS, OVERCOATS, TROUSERS, SWEATERS. KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa.
Filed September 20, 1937. Serial No. 397,636. PUBLISHED NOVEMBER 30, 1937. Class 39.

354,592. PUBLICATION FEATURING FASHIONS IN WOMEN'S WEARING APPAREL AND PUBLISHED AT IRREGULAR INTERVALS. FASHIONS PREFERRED INC., New York, N. Y.
Filed September 22, 1937. Serial No. 397,651. PUBLISHED DECEMBER 7, 1937. Class 38.

354,593. COFFEE, TEA, SPICES, AND RICE. B. FISCHER & COMPANY, INC., New York, N. Y.
Filed September 22, 1937. Serial No. 397,655. PUBLISHED DECEMBER 7, 1937. Class 46.

354,594. ANALGESIC AND ANTIPYRETIC COMPOUNDS, ACETANILID DERIVATIVES, NATURAL COLLOIDAL MINERALS, ETC. THE GENERAL PHARMACAL COMPANY, Cincinnati, Ohio.
Filed September 22, 1937. Serial No. 397,657. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,595. MEN'S TROUSERS MADE OF SILK MATERIAL. SOHN, OPPENHEIMER & CO., New York, N. Y.
Filed September 22, 1937. Serial No. 397,681. PUBLISHED DECEMBER 7, 1937. Class 39.

354,596. ACETATE AND RAYON CREPE PIECE GOODS. COLONIAL MILLS, INC., New York, N. Y.
Filed September 23, 1937. Serial No. 397,704. PUBLISHED NOVEMBER 30, 1937. Class 42.

354,597. PERFUMES. PARK & TILFORD, New York, N. Y.
Filed September 23, 1937. Serial No. 397,720. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,598. SUMMER SUITING PIECE GOODS MADE OF COTTON AND ALSO A COMBINATION OF WOOL AND RAYON. RIVERSIDE & DAN RIVER COTTON MILLS, INC., Danville, Va.
Filed September 23, 1937. Serial No. 397,725. PUBLISHED DECEMBER 7, 1937. Class 42.

354,599. CHEMICALS ADAPTED FOR THE SOFTENING AND LUBRICATING OF SILK AND OTHER TEXTILE FIBERS AND FOR THE TREATMENT OF SILK YARN AND OTHER TEXTILE YARNS PRIOR TO THROWING, WINDING, WARPING, OR KNITTING. ROYCE CHEMICAL COMPANY, Carlton Hill, N. J.
Filed September 23, 1937. Serial No. 397,726. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,600. CANNED GRAPEFRUIT JUICE FOR FOOD PURPOSES. BORDO PRODUCTS COMPANY, Chicago, Ill.
Filed September 24, 1937. Serial No. 397,747. PUBLISHED DECEMBER 7, 1937. Class 46.

354,601. EDIBLE PASTRY CONTAINERS INTENDED TO RECEIVE A FILLER OF ICE CREAM, MARSHMALLOW, CUSTARD, FRUIT, OR CONFECTION. JAMES DENARO, doing business as Automatic Cone Company, Cambridge, Mass.
Filed September 24, 1937. Serial No. 397,749. PUBLISHED DECEMBER 7, 1937. Class 46.

354,602. CONCENTRATES AND PREPARATIONS RICH IN VITAMIN ACTIVITY. EFF LABORATORIES, INC., Cleveland, Ohio.
Filed September 25, 1937. Serial No. 397,799. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,603. AROMATIC COMBINATION OF DIGESTIVE FERMENTS. FRANK W. HORNER INC., Lynn, Mass.
Filed September 25, 1937. Serial No. 397,807. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,604. MEDICINAL PREPARATIONS FOR THE TREATMENT OF INFECTIOUS DISEASES OF THE URINARY TRACT AS WELL AS OTHER MUCOUS MEMBRANES, LIKE THOSE OF EAR, NOSE, AND THROAT. SCHERING & GLATZ, INC., New York, N. Y.
Filed September 25, 1937. Serial No. 397,819. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,605. MEDICINAL PREPARATIONS FOR THE TREATMENT OF INFECTIOUS DISEASES OF THE URINARY TRACT AS WELL AS OTHER MUCOUS MEMBRANES, LIKE THOSE OF EAR, NOSE, AND THROAT. SCHERING & GLATZ, INC., New York, N. Y.
Filed September 25, 1937. Serial No. 397,820. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,606. MEDICINE FOR THE TREATMENT OF GALL BLADDER. AMPRO DRUG CO., INC., New York, N. Y.
Filed September 27, 1937. Serial No. 397,831. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,607. DIRECTORY OF WASH FROCK MANUFACTURERS, PUBLISHED PERIODICALLY AT VARYING INTERVALS. H. J. PRUESSING, JR., doing business as Chicago Buying Sources Co., Chicago, Ill.
Filed September 27, 1937. Serial No. 397,868. PUBLISHED DECEMBER 7, 1937. Class 38.

354,608. SOLUTIONS OF CELLULOSE DERIVATIVES—NAMELY, CELLULOSE ESTERS AND ETHERS, FOR PRINTING, FINISHING, DELUSTERING AND/OR COATING TEXTILES, FABRIC, WOOL, METAL, ETC. ATLAS POWDER COMPANY, Wilmington, Del.
Filed September 28, 1937. Serial No. 397,894. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,609. HONEY. DELGADO & BRUCE, INC., Long Beach, Calif.
Filed September 28, 1937. Serial No. 397,899. PUBLISHED DECEMBER 7, 1937. Class 46.

354,610. WOOLLEN BLANKETS. CHARLES EARLY & CO. LIMITED, Newland, England.
Filed September 28, 1937. Serial No. 397,901. PUBLISHED NOVEMBER 30, 1937. Class 42.

354,611. PUDDING AND PIE FILLING. STANDARD BRANDS INCORPORATED, New York, N. Y.
Filed September 28, 1937. Serial No. 397,916. PUBLISHED DECEMBER 7, 1937. Class 46.

354,612. FASTENERS AND FASTENER BASES FOR BINDING LOOSE PAPERS TOGETHER. ACCO PRODUCTS, INC., Long Island City, N. Y.
Filed September 29, 1937. Serial No. 397,921. PUBLISHED DECEMBER 7, 1937. Class 37.

354,613. GAME BOARDS PLAYED WITH DICE AND SHIP FIGURE PIECES MOVABLE OVER A LAID OUT COURSE ON THE GAME BOARD. BURR D. FIELD, Freeport, Long Island, N. Y.
Filed September 29, 1937. Serial No. 397,930. PUBLISHED DECEMBER 7, 1937. Class 22.

354,614. CANNED FRUITS AND VEGETABLES. SCHUCKL & CO., INC., San Francisco, Calif.
Filed September 29, 1937. Serial No. 397,954. PUBLISHED DECEMBER 7, 1937. Class 46.

354,615. COLLOIDALLY DISPERSED SILVER OXIDE. SILVER OXIDE PRODUCTS COMPANY, INCORPORATED, Aldan, Pa.
Filed September 30, 1937. Serial No. 397,985. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,616. HANDBAGS. MORRIS WHITE MFG. CO., INC., New York, N. Y.
Filed September 30, 1937. Serial No. 397,992. PUBLISHED DECEMBER 7, 1937. Class 3.

354,617. PREPARATION FOR THE RELIEF OF ASTHMA AND BRONCHITIS. OTTO BECK, New York, N. Y.
Filed October 1, 1937. Serial No. 397,996. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,618. MATERIAL FOR MAKING COAPTATION BANDAGES AND SPLINTS. ARDEN-RAYSHINE COMPANY, Watertown, Mass.
Filed October 1, 1937. Serial No. 397,993. PUBLISHED DECEMBER 7, 1937. Class 44.

354,619. MEDICINAL PREPARATION INDICATED FOR USE AS A SEDATIVE AND HYPNOTIC. HOFFMANN-LA ROCHE, INC., Nutley, N. J.
Filed October 1, 1937. Serial No. 398,008. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,620. CANNED SARDINES. R. H. MACY & CO., INC., New York, N. Y.
Filed October 1, 1937. Serial No. 398,013. PUBLISHED DECEMBER 7, 1937. Class 46.

354,621. COTTON PIECE GOODS, PILLOW CASE TUBING, SHEETS, AND PILLOW CASES. ELY & WALKER DRY GOODS COMPANY, St. Louis, Mo.
Filed October 2, 1937. Serial No. 398,036. PUBLISHED NOVEMBER 30, 1937. Class 42.

354,622. PERFUME AND TOILET WATER. PRINCE MATCHABELLI, INC., New York, N. Y.
Filed October 2, 1937. Serial No. 398,058. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,623. CHEMICAL COMPOUNDS USED AS WELDING FLUXES. THE TITANIUM ALLOY MANUFACTURING COMPANY, Niagara Falls, N. Y.
Filed October 2, 1937. Serial No. 398,067. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,624. PIECE GOODS OF WOOL, COTTON, SILK, RAYON, LINEN, AND COMBINATIONS THEREOF. WORCESTER KNITTING CO., New York, N. Y.
Filed October 2, 1937. Serial No. 398,071. PUBLISHED NOVEMBER 30, 1937. Class 42.

354,625. CHEMICAL COMPOUND HAVING WATER SOFTENING AND GERMICIDAL PROPERTIES FOR USE IN WASHING GLASSES USED WITH SERVICE IN PUBLIC PLACES, DAIRY BOTTLES, OR ANY ARTICLES, WHICH UNDER THE PUBLIC HEALTH LAWS REQUIRE THE USE OF A GERMICIDE IN THE WASHING OF SUCH ARTICLES. CALGON INCORPORATED, Pittsburgh, Pa.
Filed October 4, 1937. Serial No. 398,090. PUBLISHED NOVEMBER 9, 1937. Class 6.

354,626. PROPHYLACTIC RUBBER ARTICLES FOR THE PREVENTION OF DISEASE. THE KILLIAN MANUFACTURING COMPANY, Akron, Ohio.
Filed October 4, 1937. Serial No. 398,111. PUBLISHED DECEMBER 7, 1937. Class 44.

354,627. PROPHYLACTIC RUBBER ARTICLES FOR THE PREVENTION OF DISEASE. L. E. SHUNK LATEX PRODUCTS, INC., Akron, Ohio.
Filed October 4, 1937. Serial No. 398,130. PUBLISHED DECEMBER 7, 1937. Class 44.

354,628. RAZORS AND HAIR REMOVING DEVICES—NAMELY, RAZORS, RAZOR BLADES, SAFETY RAZORS, SAFETY RAZOR BLADES, SAFETY RAZOR SETS, ELECTRICALLY OPERATED INSTRUMENTS FOR SHAVING AND FOR REMOVING HAIR FROM THE BODY. AMERICAN SAFETY RAZOR CORPORATION, Brooklyn, N. Y.
Filed October 5, 1937. Serial No. 398,142. PUBLISHED DECEMBER 7, 1937. Class 23.

354,629. RAZORS AND HAIR REMOVING DEVICES—NAMELY, ELECTRICALLY OPERATED INSTRUMENTS FOR SHAVING AND FOR REMOVING HAIR FROM THE BODY. AMERICAN SAFETY RAZOR CORPORATION, Brooklyn, N. Y.
Filed October 5, 1937. Serial No. 398,143. PUBLISHED DECEMBER 7, 1937. Class 23.

354,630. COTTON PIECE GOODS. JOSEPH BANCROFT & SONS CO., Wilmington, Del.
Filed October 5, 1937. Serial No. 398,145. PUBLISHED DECEMBER 7, 1937. Class 42.

354,631. ROPE AND BINDER TWINE. THE HOOVEN & ALLISON COMPANY, Xenia, Ohio.
Filed October 5, 1937. Serial No. 398,158. PUBLISHED DECEMBER 7, 1937. Class 7.

354,632. ROPE AND BINDER TWINES. THE HOOVEN & ALLISON COMPANY, Xenia, Ohio.
Filed October 5, 1937. Serial No. 398,159. PUBLISHED DECEMBER 7, 1937. Class 7.

354,633. LARD SUBSTITUTE COMPOSED OF VEGETABLE OILS. INTERSTATE COTTON OIL REFINING CO., Sherman, Tex.
Filed October 5, 1937. Serial No. 398,162. PUBLISHED DECEMBER 7, 1937. Class 46.

354,634. PERFUMES AND EAU DE COLOGNE. PRINCE MATCHABELLI, INC., New York, N. Y.
Filed October 5, 1937. Serial No. 398,175. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,635. MEDICINAL SOLUTION FOR USE IN THE TREATMENT OF ARTHRITIS. U. S. STANDARD PRODUCTS COMPANY, Woodworth, Wis.
Filed October 5, 1937. Serial No. 398,182. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,636. LETTERING AND DRAFTING GUIDES AND RULERS. A. B. DICK COMPANY, Chicago, Ill.
Filed October 6, 1937. Serial No. 398,194. PUBLISHED DECEMBER 7, 1937. Class 26.

354,637. SUITS, COATS, VESTS, PANTS, OVERCOATS, AND TOPCOATS FOR MEN AND BOYS. S. GINSBERG SONS, Baltimore, Md.
Filed October 6, 1937. Serial No. 398,198. PUBLISHED NOVEMBER 30, 1937. Class 39.

354,638. MEDICINAL PREPARATION FOR TREATMENT OF NEPHRITIS, ALBUMINURIA, AND RENAL IMPERMEABILITY. THE HARROWER LABORATORY, INC., Glendale, Calif.
Filed October 6, 1937. Serial No. 398,200. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,639. LADIES' DRESSES. LOUIS J. MALLAS, INC., New York, N. Y.
Filed October 6, 1937. Serial No. 398,209. PUBLISHED NOVEMBER 30, 1937. Class 39.

354,640. COTTON PIECE GOODS. JOSEPH BANCROFT & SONS CO., Wilmington, Del.
Filed October 7, 1937. Serial No. 398,233. PUBLISHED DECEMBER 7, 1937. Class 42.

354,641. COSMETICS AND BEAUTY PREPARATIONS—NAMELY, CLEANSING PADS, SKIN TONIC, AND LIQUID SKIN POWDER. CLARK-MILLNER COMPANY, Chicago, Ill.
Filed October 7, 1937. Serial No. 398,238. PUBLISHED NOVEMBER 23, 1937. Class 6.

354,642. NON-ALCOHOLIC MALTLESS BEVERAGES AND EXTRACTS AND FLAVORS FOR MAKING THE SAME. THEALL & PILE, INC., New York, N. Y.
Filed October 7, 1937. Serial No. 398,268. PUBLISHED NOVEMBER 30, 1937. Class 45.

354,642. CLOCKS AND WATCHES. WATERBURY CLOCK COMPANY, Waterbury, Conn.
Filed October 7, 1937. Serial No. 398,270. PUBLISHED DECEMBER 7, 1937. Class 27.

354,644. CARD GAME. PARKER BROTHERS, INC., Portland, Maine, and Salem, Mass.
Filed October 8, 1937. Serial No. 398,287. PUBLISHED DECEMBER 7, 1937. Class 22.

354,645. PNEUMATIC TIRES AND TUBES FOR VEHICLE WHEELS. THE FISK TIRE AND RUBBER COMPANY, Newark, Ohio.
Filed October 8, 1937. Serial No. 398,289. PUBLISHED DECEMBER 7, 1937. Class 35.

354,646. WOMEN'S DRESSES. SEMARIA BROS., INC., New York, N. Y.
Filed October 8, 1937. Serial No. 398,294. PUBLISHED DECEMBER 7, 1937. Class 39.

354,647. LADIES' WASH FROCKS. ALTON GARMENT COMPANY, St. Louis, Mo.
Filed October 9, 1937. Serial No. 398,302. PUBLISHED DECEMBER 7, 1937. Class 39.

354,648. FOUNTAIN PENS AND PARTS THEREOF. AIKIN-LAMBERT COMPANY, New York, N. Y.
Filed October 11, 1937. Serial No. 398,336. PUBLISHED DECEMBER 7, 1937. Class 37.

354,649. PERIODICAL ISSUED MONTHLY. THE SEED TRADE REPORTING BUREAU, Chicago, Ill.
Filed October 11, 1937. Serial No. 398,338. PUBLISHED DECEMBER 7, 1937. Class 38.

354,650. CANDY. JACOBS CANDY COMPANY, INC., New Orleans, La.
Filed October 11, 1937. Serial No. 398,358. PUBLISHED DECEMBER 7, 1937. Class 46.

354,651. HOSIERY. WASHINGTON C. MCCOY, Birmingham, Ala.
Filed October 11, 1937. Serial No. 398,382. PUBLISHED DECEMBER 7, 1937. Class 39.

354,652. PIECE GOODS OF COTTON, SILK, ARTIFICIAL SILK, AND MIXTURES OF COTTON WITH SILK OR ARTIFICIAL SILK. PEPPERELL MANUFACTURING COMPANY, Boston, Mass.
Filed October 13, 1937. Serial No. 398,440. PUBLISHED NOVEMBER 30, 1937. Class 42.

354,653. SWEATERS AND VESTS. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed October 14, 1937. Serial No. 398,459. PUBLISHED DECEMBER 7, 1937. Class 39.

354,654. BISCUITS, CRACKERS, CAKES, AND COOKIES. LOOSE-WILES BISCUIT COMPANY, Long Island City, N. Y.
Filed October 14, 1937. Serial No. 398,477. PUBLISHED DECEMBER 7, 1937. Class 46.

354,655. BEER. THE GEO. WIEDEMANN BREWING CO., INC., Newport, Ky.
Filed October 14, 1937. Serial No. 398,508. PUBLISHED DECEMBER 7, 1937. Class 48.

354,656. SWEETMEAT KNOWN AS HALVAH. GORDON, WOLF, COWEN CO. INC., New York, N. Y.
Filed October 15, 1937. Serial No. 398,536. PUBLISHED DECEMBER 7, 1937. Class 46.

354,657. CHILDREN'S WASH FROCKS. EDWARD SHUWALL & CO. INC., Pottstown, Pa.
Filed October 15, 1937. Serial No. 398,547. PUBLISHED DECEMBER 7, 1937. Class 39.

354,658. PIECE GOODS OF COTTON, LINEN, AND ARTIFICIAL SILK. TOOTAL BROADHURST LEE COMPANY LIMITED, Manchester, England.
Filed October 16, 1937. Serial No. 398,597. PUBLISHED DECEMBER 7, 1937. Class 42.

354,659. APRICOT LIQUEUR, BLACKBERRY LIQUEUR, CHERRY LIQUEUR, PEACH LIQUEUR, LEMON FLAVORED GIN, LIME FLAVORED GIN, MINT FLAVORED GIN, ORANGE FLAVORED GIN, ROCK AND RYE LIQUEUR, DISTILLED LONDON DRY GIN, AND SLOE GIN. HIRRICHS DISTILLED PRODUCTS, St. Louis, Mo.
Filed October 18, 1937. Serial No. 398,618. PUBLISHED DECEMBER 7, 1937. Class 49.

354,660. BEER. PREMIER-PABST CORPORATION, Peoria Heights, Ill.
Filed October 18, 1937. Serial No. 398,638. PUBLISHED DECEMBER 7, 1937. Class 48.

354,661. LADIES' HOSIERY. THE FASHION COMPANY, Columbus, Ohio.
Filed October 16, 1937. Serial No. 398,652. PUBLISHED DECEMBER 7, 1937. Class 39.

354,662. BOARD GAMES. MILTON BRADLEY COMPANY, Springfield, Mass.
Filed October 19, 1937. Serial No. 398,664. PUBLISHED DECEMBER 7, 1937. Class 22.

354,663. COTTON PIECE GOODS. CRANSTON PRINT WORKS COMPANY, Cranston, R. I.
Filed October 19, 1937. Serial No. 398,668. PUBLISHED DECEMBER 7, 1937. Class 42.

354,664. DISTILLED LONDON DRY GIN. MAXWELL SPIRITS INC., Philadelphia, Pa.
Filed October 19, 1937. Serial No. 398,686. PUBLISHED DECEMBER 7, 1937. Class 49.

354,665. COFFEE. STANDARD BRANDS INCORPORATED, New York, N. Y.
Filed October 20, 1937. Serial No. 398,741. PUBLISHED DECEMBER 7, 1937. Class 46.

354,666. ELECTRIC IRONERS. MARSHALL-WELLS COMPANY, Duluth, Minn.
Filed October 21, 1937. Serial No. 398,781. PUBLISHED DECEMBER 7, 1937. Class 24.

354,667. NONALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, AND FOR SYRUPS, EXTRACTS, AND FLAVORS USED IN MAKING THE SAME. BERKELEY CLUB BOTTLING AND MANUFACTURING CO., INC., Berkeley Springs, W. Va.
Filed October 21, 1937. Serial No. 398,751. PUBLISHED DECEMBER 7, 1937. Class 45.

354,668. PHARMACEUTICAL PREPARATION RICH IN VITAMINS AND CALCIUM AND INTENDED FOR USE AS A NUTRITIVE TONIC. HOFFMANN-LA ROCHE, INC., Nutley, N. J.
Filed November 5, 1937. Serial No. 399,358. PUBLISHED DECEMBER 14, 1937. Class 6.

354,669. CHOCOLATE BASE FOOD SUPPLEMENT CONTAINING VITAMINS AND CALCIUM. HOFFMANN-LA ROCHE, INC., Nutley, N. J.
Filed November 5, 1937. Serial No. 399,357. PUBLISHED DECEMBER 14, 1937. Class 46.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

354,670. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) CASCO PRODUCTS CORPORATION, doing business as The Perfection Motor Products Company, Bridgeport, Conn. Filed Nov. 12, 1936. Serial No. 385,474.

PERFECTION

For Electric Cigar Lighters, Electric Windshield Heaters, Electric Fans, Rheostats, and Generator Regulators.
Claims use since .

354,671. (CLASS 32. FURNITURE AND UPHOLSTERY.) SCOTCH PRODUCTS INCORPORATED, New York, N. Y. Filed Dec. 8, 1936. Serial No. 386,509.

JONBOK

For Racks or Receptacles for Books of Suitable Size To Be Retained Thereon or Therein, To Be Attached to the Walls of Dwelling Houses or Other Places, Including the Bathrooms Thereof, and the like.
Claims use since Nov. 26, 1936.

354,672. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HARRY FEINBERG, New York, N. Y. Filed Dec. 11, 1936. Serial No. 386,641.

GENUINE
Montrose Cheviot
MADE IN
Great Britain

For Woolen and Worsted Piece Goods.
Claims use since Nov. 2, 1936.

354,673. (CLASS 48. MALT BEVERAGES AND LIQUORS.) H. J. SCHUSTER, doing business as West Coast Wholesale Grocery Company, Santa Monica, Calif. Filed Dec. 28, 1936. Serial No. 387,214.

Finer Flavor

For Beer.
Claims use since Nov. 26, 1936.

354,674. (CLASS 45. BEVERAGES, NONALCOHOLIC.) SEMINOLE FLAVOR COMPANY, Chattanooga, Tenn. Filed Dec. 28, 1936. Serial No. 387,215.

DOUBLE POP

For Carbonated, Non-alcoholic, Non-cereal, Maltless Beverages Sold as Soft Drinks, and Syrups for Compounding the Same.
Claims use since Dec. 18, 1936.

354,675. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) L. LEVAN CUMMINGS, doing business as The Standard Co., Lancaster, Pa. Filed Jan. 13, 1937. Serial No. 387,742.

Peter Patter

For Candy.
Claims use since Dec. 16, 1936.

354,676. (CLASS 2. RECEPTACLES.) AL-LON MANUFACTURING CO., INC., Baltimore, Md. Filed Jan. 27, 1937. Serial No. 388,217.

Freshener

For Cloth Garment Bags.
Claims use since Jan. 2, 1937.

354,677. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) WM. T. KNOTT COMPANY, INC., New York, N. Y. Filed Sept. 4, 1937. Serial No. 397,126.

MERVILLE

For Bedspreads, Blankets, Carpets, Rugs, Sheets, Pillow Cases, Sheetings, Table Cloths, Napkins, and Towels; Satin, Linen, Velvet, Cotton, Wool, and Artificial-Silk Piece Goods Made of Cotton and/or Silk and Combinations Thereof; Draperies and Cloth for Upholstering, Lining and Trimming Made of Cotton, Linen and/or Silk and Combinations Thereof.
Claims use since July 27, 1927.

354,678. (CLASS 32. FURNITURE AND UPHOLSTERY.) STEWARTSTOWN FURNITURE COMPANY, Stewartstown, Pa. Filed Sept. 17, 1937. Serial No. 397,521.

Mahogany Hall Ensemble

For Furniture—Namely, Bedsteads, Dressers, Chests, Vanity Dressers, Night Stands, Benches, High-boys, Low High-boys, Mirrors, and Mirror Frames.
Claims use since Jan. 2, 1937.

354,679. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) WARREN LAMP COMPANY, Warren, Pa. Filed Oct. 18, 1937. Serial No. 398,647.

PEN

For Electric Incandescent Lamps.
Claims use since November, 1934.

354,680. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) CORALITE DENTAL PRODUCTS COMPANY, Chicago, Ill. Filed Nov. 11, 1937. Serial No. 399,598.

NuBlend

For Blank Form of Dental Cellulose Material, Used by the Dental Profession, in the Molding and Constructing of Artificial Dental Plates for the Human Mouth.
Claims use since December, 1936.

354,681. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ST. MARYS CANNING CO., St. Marys, Ga. Filed Nov. 24, 1937. Serial No. 400,128.

ST. MARYS

For Canned Shrimp and Canned Prawns.
Claims use since June 1, 1911.

354,682. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) VALLEY ICE CREAM COMPANY, INC., Harlingen, Tex. Filed Dec. 7, 1937. Serial No. 400,584.

Kree Meez

For Butter and Ice Cream.
Claims use since Nov. 16, 1936.

TRADE-MARK REGISTRATIONS RENEWED

119,967. WHEAT-FLOUR. Registered December 25, 1917. LAWRENCEBURG ROLLER MILLS CO., Lawrenceburg, Ind., a corporation of Indiana. Renewed December 25, 1937.

120,087. SOAP. Registered January 8, 1918. THE N. K. FAIRBANK COMPANY, Union Township, near Guttenberg, N. J., and Chicago, Ill. Renewed January 8, 1938, to Hecker Products Corporation, New York, N. Y., a corporation of New Jersey, assignee.

120,088. A SCOURING COMPOUND. Registered January 8, 1918. THE N. K. FAIRBANK COMPANY, Union Township, near Guttenberg, N. J., and Chicago, Ill. Renewed January 8, 1938, to Hecker Products Corporation, New York, N. Y., a corporation of New Jersey, assignee.

120,105. BURNERS AND WICKS FOR STOVES, FURNACES, AND RANGES. Registered January 8, 1918. THE HUSSEFELD COMPANY, Cincinnati, Ohio, a corporation of Ohio. Renewed January 8, 1938.

120,317. INSULATED WIRE. Registered February 5, 1918. ATLANTIC INSULATED WIRE & CABLE COMPANY, Jersey City, N. J., and New York, N. Y. Renewed February 5, 1938, to General Cable Corporation, New York, N. Y., a corporation of New Jersey, assignee by mesne assignments.

120,318. INSULATED WIRE. Registered February 5, 1918. ATLANTIC INSULATED WIRE & CABLE COMPANY, Jersey City, N. J., and New York, N. Y. Renewed February 5, 1938, to General Cable Corporation, New York, N. Y., a corporation of New Jersey, assignee by mesne assignments.

120,344. HOSIERY. Registered February 5, 1918. CHAS. CHIPMAN'S SONS CO., INC., New York, N. Y., a corporation of New York. Renewed February 5, 1938.

120,438. CERTAIN NAMED WIRELESS APPARATUS. Registered February 5, 1918. SEARS, ROEBUCK AND CO., Chicago, Ill., a corporation of New York. Renewed February 5, 1938.

120,716. CANNED FRUITS AND CANNED VEGETABLES, DRIED FRUITS, AND RAISINS. Registered March 5, 1918. CALIFORNIA PACKING CORPORATION, San Francisco, Calif., a corporation of New York. Renewed March 5, 1938.

120,831. CANNED FISH. Registered March 12, 1918. CALIFORNIA PACKING CORPORATION, San Francisco, Calif., a corporation of New York. Renewed March 12, 1938.

121,406. HOSIERY. Registered April 30, 1918. CHIPMAN KNITTING MILLS, Easton, Pa. Renewed April 30, 1938, to Chipman Knitting Mills, Spring Grove, Easton, Pa., a corporation of Pennsylvania.

121,699. CANNED SALMON. Registered May 21, 1918. CALIFORNIA PACKING CORPORATION, San Francisco, Calif., a corporation of New York. Renewed May 21, 1938.

121,700. CANNED FRUITS AND CANNED VEGETABLES. Registered May 21, 1918. CALIFORNIA PACKING CORPORATION, San Francisco, Calif., a corporation of New York. Renewed May 21, 1938.

121,743. CANDY BREATH-DEODORIZERS. Registered May 28, 1918. AMERICAN CHICLE COMPANY, New York, N. Y. Renewed May 28, 1938, to American Chicle Company, Long Island City, N. Y., a corporation of New Jersey.

121,745. VULCANIZED FIBER. Registered May 28, 1918. AMERICAN VULCANIZED FIBRE COMPANY. Renewed May 28, 1938, to National Vulcanized Fibre Co., Wilmington, Del., a corporation of Delaware, assignee.

121,758. HOSIERY. Registered May 28, 1918. CHIPMAN KNITTING MILLS, Easton and Selinsgrove, Pa. Renewed May 28, 1938, to Chipman Knitting Mills, Spring Grove, Easton, Pa., a corporation of Pennsylvania.

121,813. COTTON PIECE GOODS. Registered May 28, 1918. PACIFIC MILLS, Lawrence and Boston, Mass. Renewed May 28, 1938, to Pacific Mills, Boston, Mass., a corporation of Massachusetts.

121,818. SALTED PEANUTS AND PEANUT BARS. Registered May 28, 1918. PLANTERS NUT & CHOCOLATE CO., Wilkes-Barre, Pa. Renewed May 28, 1938, to Planters Nut & Chocolate Company, Wilkes-Barre, Pa., and Suffolk, Va., a corporation of Pennsylvania.

121,900. LEATHER-DRESSINGS, LEATHER-SEASONINGS, LEATHER-FILLERS, AND LEATHER-VARNISH. Registered June 11, 1918. INNIS, SPEIDEN & CO., INC. Renewed June 11, 1938, to Innis, Speiden & Co., New York, N. Y., a corporation of Delaware, assignee.

122,068. POPCORN. Registered June 25, 1918. CHARLES CRETORS. Renewed June 25, 1938, to Hazael D. Cretors, Chicago, Ill., assignee by mesne assignments.

122,101. COTTON PIECE GOODS. Registered June 25, 1918. PACIFIC MILLS, Lawrence and Boston, Mass. Renewed June 25, 1938, to Pacific Mills, Boston, Mass., a corporation of Massachusetts.

LABELS

REGISTERED FEBRUARY 15, 1938

50,719.—*Title:* GENERAL CAPS. For Caps for Bottles and Jars. GENERAL CAN COMPANY, Chicago, Ill. Published December 13, 1937.

50,720.—*Title:* CODURAL. For Unguentum. HART DRUG CORPORATION, Miami, Fla. Published January 5, 1938.

50,721.—*Title:* ALLANTUREA. For Unguentum. HART DRUG CORPORATION, Miami, Fla. Published January 5, 1938.

50,722.—*Title:* HERSHEY'S MILK THE PUREST KIND. For Skimmed Powdered Milk. HERSHEY CREAMERY COMPANY, Harrisburg, Pa. Published August 5, 1937.

50,723.—*Title:* KENTUCKY BULK. For Straight Bourbon Whiskey. KENTUCKY BULK COMPANY, INC., doing business as Kentucky Bulk Co., Chicago, Ill. Published October 15, 1937.

50,724.—*Title:* ZEPHYR DE LUXE. For Brooms. H. E. LINDSTROM, doing business as Acme Broom Company, Sedalia, Mo. Published October 7, 1937.

50,725.—*Title:* LIPTON PURE IMPERIAL GUNPOWDER TEA (GREEN AND BLACK). For Pure Imperial Gunpowder Tea. THOMAS J. LIPTON, INC., Hoboken, N. J., Chicago, Ill., and San Francisco, Calif. Published October 1, 1937.

50,726.—*Title:* AIR-VENT BOWL COVER. For Water Proof Silk Covers for Food Bowls. ARNO REINHOLD, doing business as Reinhold Company, Cleveland, Ohio. Published December 1, 1937.

50,727.—*Title:* AIR-VENT BOWL COVERS. For Water Proof Silk Covers for Food Bowls. ARNO REINHOLD, doing business as Reinhold Company, Cleveland, Ohio. Published December 1, 1937.

50,728.—*Title:* AIR-VENT BOWL COVER. For Water Proof Silk Covers for Food Bowls. ARNO REINHOLD, doing business as Reinhold Company, Cleveland, Ohio. Published December 1, 1937.

50,729.—*Title:* BREAKFAST FOOD BOX COVERS. For Water Proof Silk Covers for Food Boxes. ARNO REINHOLD, doing business as Reinhold Company, Cleveland, Ohio. Published December 1, 1937.

50,730.—*Title:* BOTTLE COVERS. For Water Proof Silk Covers for Bottles. ARNO REINHOLD, doing business as Reinhold Company, Cleveland, Ohio. Published December 1, 1937.

50,731.—*Title:* MILK BOTTLE COVERS. For Water Proof Silk Covers for Milk Bottles. ARNO REINHOLD, doing business as Reinhold Company, Cleveland, Ohio. Published December 1, 1937.

50,732.—*Title:* AIR-VENT BOWL COVERS. For Water Proof Silk Covers for Food Bowls. ARNO REINHOLD, doing business as Reinhold Company, Cleveland, Ohio. Published December 1, 1937.

50,733.—*Title:* AIR-VENT BOWL COVER. For Water Proof Silk Covers for Food Bowls. ARNO REINHOLD, doing business as Reinhold Company, Cleveland, Ohio. Published December 1, 1937.

50,734.—*Title:* WRIGLEY'S DOUBLE MINT. For Chewing Gum. WM. WRIGLEY JR. COMPANY, Chicago, Ill. Published December 29, 1937.

PRINTS

REGISTERED FEBRUARY 15, 1938

16,692.—*Title:* GENUINE 6 x 3 RIBBED SOCKS. For Socks. INTERWOVEN STOCKING COMPANY, New Brunswick, N. J. Published November 3, 1937.

16,693.—*Title:* HE RUNS THE UNION PACIFIC WITH THE PEN THAT HAS WHAT IT TAKES. For Fountain Pens, Mechanical Pencils, and Ink. THE PARKER PEN COMPANY, Janesville, Wis. Published January 15, 1938.

16,694.—*Title:* YANKEE LAMPS AND SPECIALTIES. For Directional Signals. YANKEE METAL PRODUCTS CORP., Norwalk, Conn. Published December 6, 1937.

16,695.—*Title:* YANKEE LAMPS AND SPECIALTIES. For Door Mirrors. YANKEE METAL PRODUCTS CORP., Norwalk, Conn. Published December 6, 1937.

REISSUES

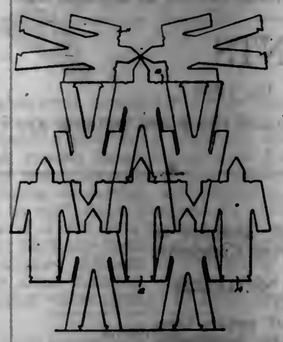
FEBRUARY 15, 1938

20,652
BLOCK TOY

Clinton J. Hecht, Los Angeles, Calif., assignor to Lane Rhodes and William H. Hammer, both of Santa Monica, Calif.

Original No. 2,076,709, dated April 27, 1937, Serial No. 63,262, February 10, 1936. Application for reissue October 9, 1937, Serial No. 168,297

23 Claims. (Cl. 46—115)



1. A toy comprising a plurality of identically shaped blocks of substantial thickness representing a human form, adapted for being assembled edgewise upon each other in a vertical plane, to form various groups in stable equilibrium; said blocks having head and neck portions extending perpendicularly from the shoulder portions, and notches extending transversely across the shoulder portions at a distance from the neck approximately equal to half the width of the neck; the blocks having central pointed head extremities, and other sharp transversely extending corners for engaging said notches of similar blocks; and the blocks being adapted for mutual peripheral engagement to cooperatively maintain group equilibrium while in positions suggesting instability, through opposing gravitational moments by non-vertical force moments.

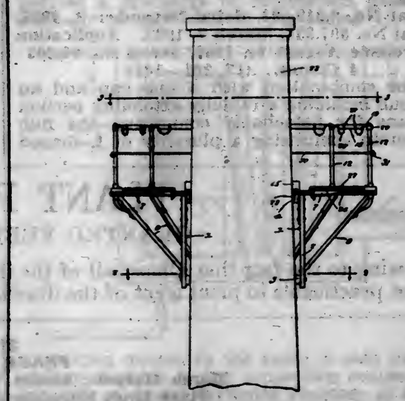
20,653
SCAFFOLD

Clyde K. Lamb, Cleveland, Ohio, assignor to The Safety Scaffold Corporation, Cleveland, Ohio, a corporation of Ohio

Original No. 2,066,984, dated January 5, 1937, Serial No. 747,941, October 11, 1934. Renewed August 18, 1936. Application for reissue April 29, 1937, Serial No. 139,724

7 Claims. (Cl. 304—13)

1. In a scaffold of the character described, a plurality of floor board supporting brackets adapted to be mounted on the structure upon which work is to be done, posts rising vertically from said brackets, and guard rail sections connecting adjacent posts, each guard rail section including a pair of telescoping members, each member being provided at one end with a hinged leaf secured to a post, a flexible element secured at one end to the leaf equipped end of each element, and a frame member secured to the free end of the flexible element and embracing the



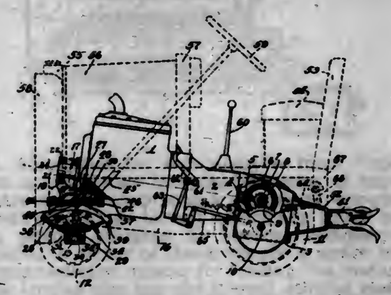
telescoping members of the sections for retaining said members in assembled relation.

20,654
GASOLINE TRACTOR

William Schroeder, Chicago, Ill., assignor to The Mercury Manufacturing Company, Chicago, Ill., a corporation of Illinois

Original No. 2,015,911, dated October 1, 1935, Serial No. 746,354, October 1, 1934. Application for reissue June 17, 1937, Serial No. 148,760

8 Claims. (Cl. 180—27)

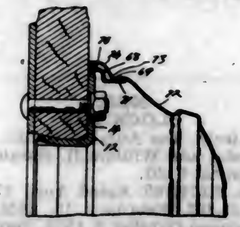


1. A tractor including a backbone comprising a unit construction consisting of an engine, transmission and rear axle assembly connected together for straight line drive; a front steering wheel structure; a horizontally disposed ring gear connected to said wheel structure for turning it; a mounting for said ring gear; said mounting carrying a substantially vertically disposed ring of compressible, resilient material such as rubber or rubber composition; a pivot member carried by the front of said backbone and entered in said ring and thereby supported for limited vertical and also rotative movement; the arrangement constituting a cushion support for the front end

of said backbone and enabling swivel movement of the front wheel with respect to the backbone about said pivot member as a center.

20,655
VEHICLE WHEEL CONSTRUCTION
Charles W. Sinclair, Detroit, Mich., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware
Original No. 2,019,584, dated November 5, 1935, Serial No. 597,334, March 7, 1932. Application for reissue August 15, 1936, Serial No. 96,203
4 Claims. (Cl. 301—108)

3. The combination with a hub cap and an outer hub including a radially extending portion of means for detachably connecting the hub cap thereto comprising a plurality of L-shaped retention devices having one of their legs connected to the said radially extending portion and their other legs extending axially outwardly



therefrom, the outer extremity of each of said retention devices being deformed to engage cooperative means carried by the hub cap.

PLANT PATENTS

GRANTED FEBRUARY 15, 1938

Owing to the fact that almost all of the illustrations of the plant patents are in colors, it is not practicable to print a cut of the drawing.

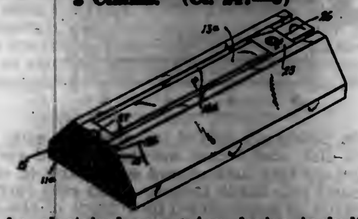
271
PEACH TREE
Marsh Harpole, Mount Vernon, Ill., assignor to Stark Bro's Nurseries and Orchards Company, Louisiana, Mo.
Application May 20, 1937, Serial No. 143,828
1 Claim. (Cl. 47—62)

The new and distinct variety of peach tree, characterized by its extraordinary hardiness, vigorous growth, and late season of ripening, substantially as described.

PATENTS

GRANTED FEBRUARY 15, 1938

2,106,681
ELECTRICAL CONNECTING DEVICE
Henry Cecil Acuff, Knoxville, Tenn.
Application January 6, 1937, Serial No. 119,177
3 Claims. (Cl. 247—3)



1. An electrical connector device including a one piece elongated member consisting of a flexible composition insulating material, said member having spaced longitudinal slots for receiving at any point therealong the contact prongs of an electrical connector, and electrical conductor wires in said slots disposed to contact said prongs, each of the slots having a lateral groove therein for partially receiving its conductor wire, and a U-shaped element of insulating material having its arms inserted into the slots to press the conductor wires inward of their grooves.

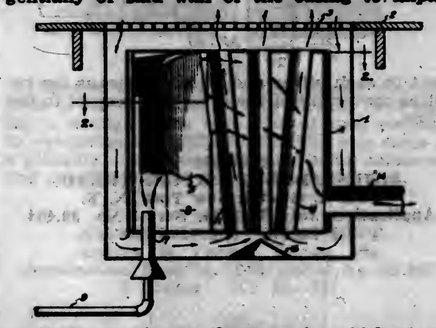
2,106,682
LOCKING DEVICE
Roy O. Allen, Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application March 18, 1937, Serial No. 131,712
1 Claim. (Cl. 151—6)



In a locking device, the combination of an inner member and an outer member threaded thereon, an arcuate groove in the thread of the inner member, an unsecured spring clip freely embracing a portion of the outer member, an aperture in the outer member, an arcuate hump shaped to conform with the arcuate groove formed by the spring clip and extending through said aperture into the arcuate groove to normally lock the members against relative rotation, surfaces defining the aperture on the outer member to lift the hump out of the groove upon relative rotary movement between the members, and an annular spring groove on the outer member to prevent movement of the spring clip longitudinally of the outer member.

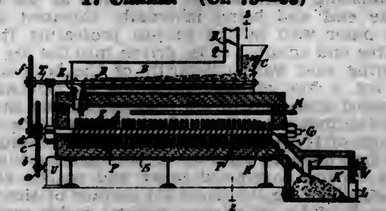
2,106,683
HOT AIR FURNACE
Barclay B. W. Cooper, Oklahoma City, Okla.
Application October 10, 1936, Serial No. 105,633
3 Claims. (Cl. 126—109)

1. In a hot air furnace, a housing, a casing positioned within said housing in spaced relation therewith to form an air heating passage, means in said casing dividing the same into a combustion chamber and a heat exchange chamber and cooperating with the side wall of said casing to provide a discharge of combustion gases tangentially of said wall of the casing to impart



a whirling motion to the gases in said heat exchange chamber, a flue connection communicating with said heat exchange chamber at a point spaced from said discharge means along the axis of whirling.

2,106,684
APPARATUS FOR SWEATING OUT FUSIBLE METALS
William F. Eppensteiner, Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y., a corporation of New York
Application April 30, 1934, Serial No. 723,062
17 Claims. (Cl. 75—63)

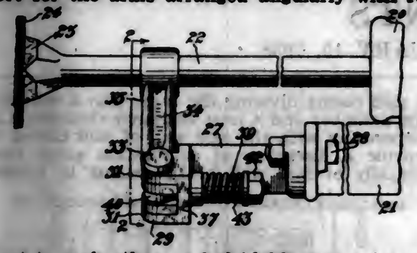


1. Apparatus for separating a more fusible from a less fusible material by means of superheated steam, comprising a stationary elongated sweating chamber having a normally closed bottom portion adapted to support comminuted material, a source of steam supply, a steam inlet to said chamber, means for feeding the material to be treated into one end thereof, stirring means therein for agitating and propelling the material, and an outlet for discharging the residual material from the opposite end thereof, with means for discharging the fused-out substance accumulating in the bottom of the chamber.

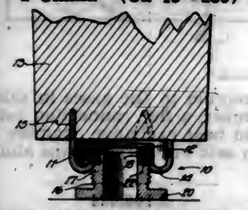
2,106,685
CENTRALIZER FOR DRILL STEELS
George H. Fuehrer, Phillipsburg, and George W. Hulshizer, Stewartsville, N. J., assignors to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application May 3, 1937, Serial No. 141,394
7 Claims. (Cl. 255—45)

1. A centralizer for drill steels, comprising a

support, a pair of guide arms, pivots in the support for the arms arranged angularly with respect to each other, and yieldable means for resisting movement of the arms with respect to the pivots.



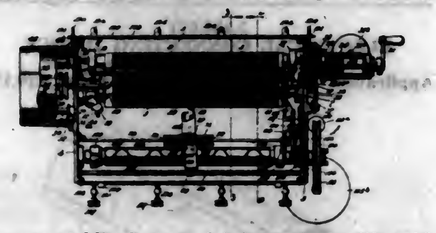
2,108,036
ADJUSTABLE FURNITURE TREAD
Paul A. Gowell, New York, N. Y.
Application July 9, 1935, Serial No. 30,454
1 Claim. (Cl. 45—139)



A supporting foot for furniture legs comprising a body member including inner and outer spaced cylindrical walls integrally connected at one end, said connection presenting a curved bottom wall sloping from said outer wall inwardly toward said inner wall, said inner wall terminating short of said outer wall at the opposite end and being internally threaded and said outer wall having prongs projecting from its free end adapted to be driven into the leg for securing said walls outwardly of the bottom of the leg, a foot member including an externally threaded stem threadedly engaged in said inner wall for movement toward and away from the bottom of the leg, a flange on the outer end of said foot member forming an enlarged base, said stem having a reduced inner end spaced concentrically from the threaded surface of the inner wall, and a cylindrical resilient gasket snugly fitted on said reduced inner end of the stem for movement therewith, said gasket projecting beyond the inner end of the stem and having frictional engagement with both the stem and the threads of said inner wall to retain the stem in threadedly adjusted position in the body.

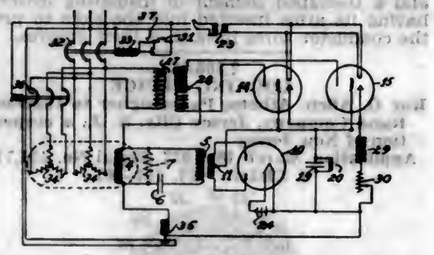
2,108,037
RECORDER
Carl H. Au, Washington, D. C.
Application April 7, 1933, Serial No. 664,992
4 Claims. (Cl. 234—71)

1. In a recorder having means for supporting and operating a record sheet, the combination of a carriage movable transversely across said sheet, a stylograph carried by the carriage and contacting with said sheet for producing a record line thereon, a control drum for reciprocating said carriage, means associated with the control drum for reversing the movement of the carriage while said control drum is moving in the same direction, means for rotating said control drum responsive to the changes in a variable movement to be recorded, a second stylograph contacting with and producing a record line on said sheet, a control disk operatively connected to said drum and driven in synchronism therewith, means for supporting said last-named stylograph including



an arm yieldingly moved into contact with said control disk, and a cam member on said control disk for shifting said second stylograph to offset the record line made thereby when said carriage is reversed by a continued movement of the control drum in the same direction.

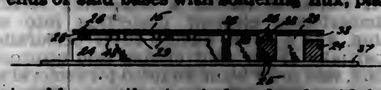
2,108,038
SYNCHRONIZING ALTERNATING CURRENT MOTOR
Joseph Arthur Balmford, East Orange, N. J.
Application November 14, 1933, Serial No. 697,918
6 Claims. (Cl. 171—116)



1. In an alternating current motor control system, a power source, a motor having a field winding and a plurality of armature windings, means for supplying power to said field winding only at periods when said motor is running in substantial synchronism, connecting means operating irrespective of frequency associated with the field circuit of said motor for maintaining the circuit between said power source and one of said armature windings only while said motor is operating at substantially synchronous speed.

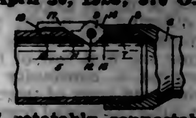
2,108,039
PRINTING PLATE UNIT
Gilbert A. Betts, Buffalo, N. Y., assignor to The Universal Engraving & Colorplate Company, Incorporated, Buffalo, N. Y.
Application March 11, 1937, Serial No. 130,281
11 Claims. (Cl. 101—401.2)

1. The method of forming a printing plate unit with a printing character accurately located thereon, with which said units may be assembled in any desired order without spacing or with standard spacing and the characters thereon will register to exact predetermined positions in printing, which comprises mounting a plurality of characters of which printing plate units are desired on a copy plate in a predetermined, accurately spaced arrangement, providing a plurality of register marks on said copy plate having a predetermined and accurate location with respect to the characters mounted on said plate, preparing a photo-engraving on metal of said copy plate accurately to scale, providing a plurality of apertures of standard predetermined sizes in a mounting block, and in the same relative location with respect to one another as the characters on said photo-engraving providing projecting pins on a face of said block in accurate correspondence to said register marks on said photo-engraving, drilling holes in said photo-engraving at said register marks to snugly receive said pins, inserting in said apertures, metal bases of standard, accurate sizes and of greater length than the thickness of said block, treating the rear face of said photo-engraving and the corresponding ends of said bases with soldering flux, placing



sheet solder on the treated ends of said bases, placing said photo-engraving over said block and said treated ends of said bases with said pins received in said drilled holes, inverting this assembly and resting it with the photo-engraving face downwardly on a suitable surface, heating said photo-engraving and bases until the sheet solder between the bases and the photo-engraving becomes fluid, then simultaneously cooling the same and pressing said bases and said engraving together so as to solder said bases to said engraving, removing said photo-engraving with attached bases from said block, cutting said engraving between said bases to form individual printing units, decreasing the lateral dimensions of the engraving section on each unit until that section is at least as small as, and within the lateral limits of, the base to which it is attached.

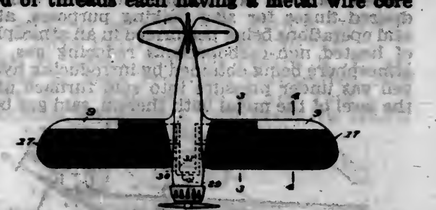
2,108,040
LATCH
William R. Bischdorn, Hartford, Conn., and Forrest K. Howard, East Falls Church, Va.
Application March 15, 1937, Serial No. 130,964
2 Claims. (Cl. 285—146)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



2. A pair of rotatably connectable members, one of said members being a latch-supporting member and the other an engaged member having a curved serrated face, spaced lugs on the latch-supporting member, a pin passing through the lugs and offset with respect to the engaged member, a latch disposed between the lugs and mounted on the pin, a short arm on the latch having a curved serrated face for engaging the complementary face of the engaged member, and a long actuating arm on the latch.

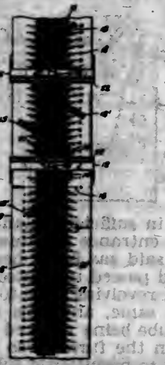
2,108,041
AEROPLANE
William Colvin, Jr., Troy, N. Y.; Ella F. Colvin and Ruth E. Sharpe, executrices of said William Colvin, Jr., deceased, assignors to Paul Gayne, New York, N. Y.
Application August 21, 1934, Serial No. 740,334
5 Claims. (C. 244—124)

1. In an aeroplane, a wing including a frame and a covering therefor formed of a continuous piece of woven fabric folded longitudinally upon itself and connected along its longitudinal edge portions by a flexible lacing, said fabric having a substantial portion of the warp thereof composed of threads each having a metal wire core



enclosed in wrappings of textile thread, and portions of the weft composed of threads each having a strengthening wire core of steel enclosed in wrappings of textile thread, the wire cores of a plurality of said warp threads being connected and constituting an electrical heating unit.

2,108,042
NAVIGATIONAL INSTRUMENT
Andrew W. Comrie, Miami, Fla.
Application June 24, 1936, Serial No. 87,087
3 Claims. (Cl. 33—60)

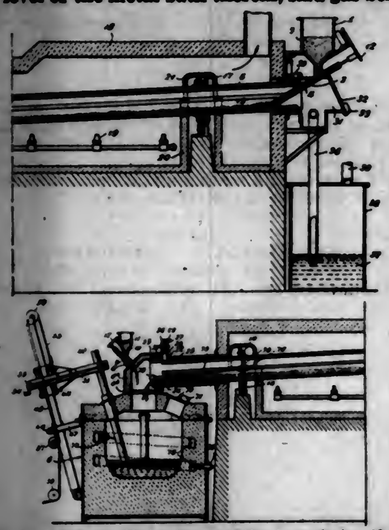


1. A navigating instrument comprising a panel, a chart located on said panel and including scale denoting meridians of longitude and selected parallels of latitude, a carriage slidably mounted on the panel and traversing a face of the latter on which the chart is located, an arm pivotally connected to each side edge of said carriage with the pivots in alinement with one another and each arm having a scale denoting miles and course-denoting positions whereby a person having knowledge of the number of miles traveled from a point of departure may, by selecting the proper arm and moving it along its respective zero line until the pivot thereof registers with the parallel of latitude left and adjusting the said last-named arm for the course sailed, determine at sight the latitude arrived at and the difference in longitude.

2,108,043
PROCESS FOR MAKING STEEL AND IRON ALLOYS
Donald M. Crist, San Francisco, Calif., assignor to Titanium Steel Alloy Company, a corporation of Delaware
Application September 21, 1934, Serial No. 744,393
5 Claims. (Cl. 75—10)

1. The method of producing substantially carbon-free metals or alloys which consists in passing the finely divided ores or concentrates of said

metals or alloys continuously through a revolving tube, discharging the reduced and partially reduced material into the melting chamber of an electric furnace and melting said material into a molten bath in said furnace together with the desired fluxes for slag making purposes, all of said operations being performed in an atmosphere of heated non-carbonaceous reducing gas, said atmosphere being obtained by introducing hydrogen gas under pressure into said furnace above the level of the metal bath therein, said gas being



introduced in sufficient quantity to substantially exclude the entrance of atmospheric air into the apparatus, said gas being heated in said electric furnace and passed in heated condition over the ores in said revolving tube to reduce or partially reduce the same, any ores not reduced in the revolving tube being reduced by the reducing atmosphere in the furnace so as to generate sufficient heat to maintain a substantially balanced condition between the amount of reduction taking place in the reaction chamber and the amount of reduction taking place in the furnace.

2,108,044
PLASTIC MATERIALS AND TO METHODS OF PRODUCTION THEREOF

John William Croom Crawford and James McGrath, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

No Drawing. Application March 23, 1935, Serial No. 12,728. In Great Britain October 25, 1933

15 Claims. (Cl. 260—2)

1. A process for the preparation of methacrylic acid ester polymers in granular form which comprises dispersing and polymerizing while thus dispersed a monomeric methacrylic acid ester in a non-solvent therefor by means of a dispersing agent and stirring, the concentration of the dispersing agent being not substantially greater than an amount sufficient to maintain the ester in the dispersed phase while stirring is continued, and, to prevent coalescence of the dispersed particles during polymerization, the quantity of dispersing agent also being insufficient to give a permanently dispersed product.

2,108,045
CONTAINER

William S. Dirlam, Portland, Oreg., assignor to American Can Company, New York, N. Y., a corporation of New Jersey

Application February 6, 1937, Serial No. 124,477

4 Claims. (Cl. 221—63)



1. A container having a dispensing opening, an imperforate element projecting into said opening, and a cover having sifter perforations for partially or for fully closing said dispensing opening, said cover being adapted for removal and replacement into different positions within said dispensing opening, in one such position said sifter perforations being in sealing engagement with said imperforate element and with the perforations blocked off and the dispensing opening fully closed and in another position with said sifter perforations free of said imperforate element and providing communication with the interior of said container.

2,108,046
PILE FABRIC AND METHOD OF MAKING THE SAME

Albert W. Drobile, Wayne, Pa., assignor to Collins & Aikman Corporation, Philadelphia, Pa., a corporation of Delaware

Application September 1, 1934, Serial No. 742,396

12 Claims. (Cl. 139—397)



1. A pile fabric having a repeat including in sequence a row of uncut loops, a second row of uncut loops differing in height from the first row and forming a continuity of the pile warp threads forming the first row of loops, a row of cut tufts forming a continuity of pile warp threads forming said rows of uncut loops, a pair of rows of cut tufts connected together by bights, a further row of cut tufts, and a row of uncut loops forming a continuity of the pile warp threads forming said last named row of cut tufts.

2,108,047
NONTARNISH ALLOY

Birger Egeberg, Meriden, Conn., and Roy W. Tindula, Buffalo, N. Y., assignors to International Silver Company, Meriden, Conn., a corporation of New Jersey

No Drawing. Original application December 24, 1934, Serial No. 759,053. Divided and this application April 20, 1937, Serial No. 137,913

14 Claims. (Cl. 75—171)

1. An alloy containing nickel, chromium, copper, manganese and iron in the approximate proportions of 4 to 20% chromium, 36 to 70% nickel, 2 to 18% manganese, 1.5 to 18% zinc, 1 to 10% iron and the balance copper, not less than 5%, with traces of other elements including a small trace of carbon.

2,108,048
ALLOY

Birger Egeberg, Meriden, Conn., and Roy W. Tindula, Buffalo, N. Y., assignors to International Silver Company, Meriden, Conn., a corporation of New Jersey

No Drawing. Original application December 24, 1934, Serial No. 759,053. Divided and this application April 20, 1937, Serial No. 137,913

14 Claims. (Cl. 75—171)

1. An alloy containing nickel, chromium, copper, and iron in the approximate proportions of 4 to 20% chromium, 36 to 70% nickel, 2 to 18% zinc, 1 to 10% iron and the balance copper, not less than 5%, with traces of other elements including a small trace of carbon.

2,108,049
NONTARNISH ALLOYS

Birger Egeberg, Meriden, Conn., and Roy W. Tindula, Buffalo, N. Y., assignors to International Silver Company, Meriden, Conn., a corporation of New Jersey

No Drawing. Original application December 24, 1934, Serial No. 759,053. Divided and this application April 20, 1937, Serial No. 137,914

13 Claims. (Cl. 75—171)

1. An alloy containing nickel, chromium, copper, manganese and iron in the approximate proportions of 4 to 20% chromium, 36 to 70% nickel, 2 to 18% manganese, 2 to 18% zinc, and the balance copper, not less than 5%, with traces of other elements including a small trace of carbon.

2,108,050
ALLOYS

Birger Egeberg, Meriden, Conn., and Roy W. Tindula, Buffalo, N. Y., assignors to International Silver Company, Meriden, Conn., a corporation of New Jersey

No Drawing. Original application December 24, 1934, Serial No. 759,053. Divided and this application April 20, 1937, Serial No. 137,915

10 Claims. (Cl. 75—171)

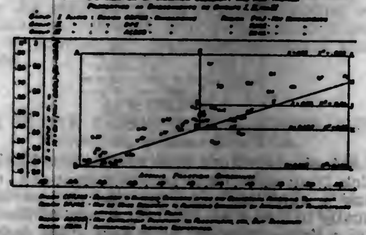
1. An alloy containing nickel, chromium, zinc and copper in the approximate proportions of 4 to 20% chromium, 36 to 70% nickel, 2 to 18% zinc, and the balance copper, not less than 5%, with traces of other elements including a small trace of carbon.

2,108,051
NONTARNISH ALLOY

Birger Egeberg and Roy W. Tindula, Meriden, Conn., assignors to International Silver Company, Meriden, Conn., a corporation of New Jersey

Application December 24, 1934, Serial No. 759,053

11 Claims. (Cl. 75—171)



3. An alloy containing nickel, chromium, copper, manganese and iron in the approximate proportions of 4 to 20% chromium, 36 to 70% nickel, 2 to 18% manganese, 1 to 10% iron and the balance copper, not less than 5%, with traces of other elements including a small trace of carbon.

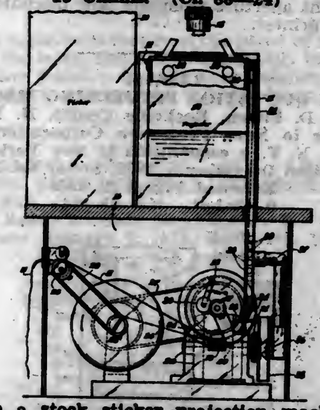
2,108,052
INK DRYING MEANS FOR STOCK QUOTATION PROJECTING MACHINES

August D. Eitzen, Rockville Centre, N. Y., assignor to News Projection Corporation, New York, N. Y., a corporation of New York

Application September 4, 1929, Serial No. 390,372

Renewed May 27, 1933

13 Claims. (Cl. 88—24)



1. In a stock sticker projection machine, a ticker adapted to produce inked impressions on a tape prior to its discharge from said ticker, a projecting device, an inspection area, a tape-pulling mechanism for drawing the tape to said inspection area through said device as it is discharged by said ticker, and means for drying the inked impressions on the tape during its passage to the tape-pulling mechanism after the tape leaves said device and before it passes to said tape pulling mechanism.

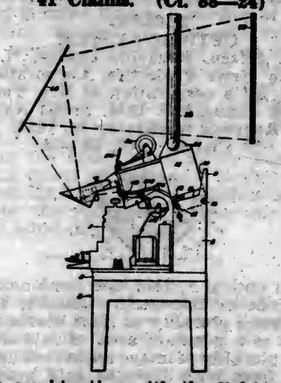
2,108,053
BROAD TAPE PROJECTOR

August D. Eitzen, Rockville Centre, N. Y., assignor to News Projection Corporation, New York, N. Y., a corporation of New York

Application October 15, 1930, Serial No. 488,724

Renewed October 10, 1936

41 Claims. (Cl. 88—24)



1. The combination with the light aperture of a projecting machine of a broad tape, a printer

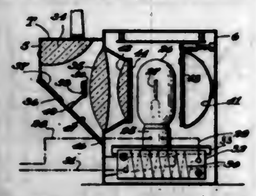
for printing a plurality of lines of printed matter on said tape and including means for feeding the tape a line space at a time upwardly out of the printer after the completion of each line of printed matter, said light aperture being disposed directly above said printer at the tape discharge end of said printer, a condensing lens being disposed adjacent to said light aperture with a segment cut from the lower side of effective focusing area of said lens to clear said printer and yet permit location of the light aperture directly above the printer at the tape discharge end thereof, and means for drawing the tape through said light aperture from the tape discharge end of said printer.

2,106,054

STOCK QUOTATION PROJECTING MACHINE

August D. Eitsen, Rockville Centre, N. Y., assignor to News Projection Corporation, New York, N. Y., a corporation of New York

Application December 5, 1933, Serial No. 700,959
Renewed August 22, 1936
9 Claims. (Cl. 88—24)



1. The combination with an electric lamp, of a projecting screen, a light aperture for receiving marked tape or the like, means for directing the light rays from said lamp through the marked tape at the light aperture to produce an image impressed light beam, a resistance interposed in the lamp circuit in series with the lamp to overcome the rush of the current through the filament of the lamp, a wire frame mounted between said light aperture and said lamp, and a green colored screen supported by said frame and thereby interposed between the light rays and the tape substantially to absorb the infra red radiation and the like thereby to reduce the heat rays to a minimum before the light beam passes through the tape in turn to protect the tape at the light aperture from injury by such heat rays.

2,106,055

OPTICAL SYSTEM

August D. Eitsen, Rockville Centre, N. Y., assignor to News Projection Corporation, New York, N. Y., a corporation of New York

Application January 2, 1934, Serial No. 704,847
Renewed September 19, 1936
20 Claims. (Cl. 88—24)



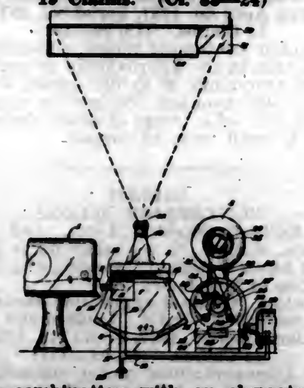
1. In an optical system, the combination with a translucent or transparent master, of means for directing a plurality of light beams at opposite faces of a common area of said master to produce a plurality of image impressed light cones emerging from both faces of said master, and screens for receiving the image impressed light cones so produced.

2,106,056

NEWS PROJECTING MACHINE

August D. Eitsen, Rockville Centre, N. Y., assignor to News Projection Corporation, New York, N. Y., a corporation of New York

Application March 15, 1934, Serial No. 715,588
Renewed April 3, 1937
19 Claims. (Cl. 88—24)



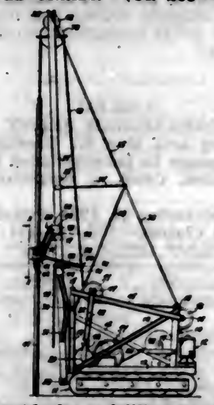
1. The combination with an elongated light aperture for receiving marked tape, a source of light, and means including a mirror longer than and spaced from said light aperture, having an arcuate surface concentric to the axis thereof and disposed in longitudinal alinement with the path of travel of the tape for receiving the light rays from said source of light and directing them through the tape at said light aperture, the axial length of which mirror is shorter than the arcuate length thereof.

2,106,057

TOOL GUIDE FOR DRILLING MACHINES

John A. Elmes, Beaver Falls, Pa., assignor to Keystone Driller Company, Beaver Falls, Pa., a corporation of Pennsylvania

Application January 13, 1937, Serial No. 120,422
11 Claims. (Cl. 255—1)



1. A tool guide for a drilling machine having a derrick from which the tool is suspended, comprising a guide member for said tool arranged vertically in line with the major axis of the machine, a link connected with said guide member and derrick by pivots extending transversely relative to said major axis whereby said guide member is at all times disposed vertically in line with the major axis of the machine and means for holding said tool guide at different distances from said derrick.

2,106,058

ROCK DRILLING MECHANISM

Elmer G. Gartin, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts

Application January 4, 1936, Serial No. 57,563
25 Claims. (Cl. 121—9)



1. In a rock drilling mechanism, a support presenting a guideway, a rock drill guided for movement along said support guideway, a feeding motor for feeding the rock drill along the support guideway, and a feeding motor for moving said first mentioned feeding motor and rock drill into adjusted position with respect to the work prior to the feeding operation of said first mentioned feeding motor, said feeding motors having motive medium supply-controlling means including means for limiting motive medium delivery to one of the same exclusively.

2,106,059

FRICTIONAL MOTION CONTROLLING ELEMENT

Rudolph W. Glasner, Chicago, Ill.

Application October 30, 1935, Serial No. 47,442
5 Claims. (Cl. 188—72)



1. In combination, a frictional motion controlling element, a lining carrying element with which the first said element cooperates, said lining carrying element being of sectional construction, a lining section carried by and disposed within the confines of the edges of each of the first said sections, and means for separably securing the sections of said element together with the adjacent edges of proximate sections separated to provide air circulation passages therebetween.

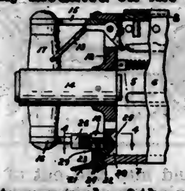
2,106,060

BACK PLATE LATCH FOR MACHINE GUNS

Samuel G. Green, Gray, Ga.

Application December 9, 1936, Serial No. 114,972
2 Claims. (Cl. 89—1)
(Granted under the act of March 2, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In a machine gun, a receiver, a back plate slidably mounted in the receiver by a lowering movement, a bar on the lower part of the back plate, a latch pivotally carried by the back plate underneath the bar and arranged to engage the receiver to hold the back plate in place, a spring between the bar and latch, a channeled locking member pivotally mounted on the bar and movable in a plane transversely of the plane of movement of the latch, and a spring normally holding the locking member in embracing relation with the bar and in engagement with the latch.

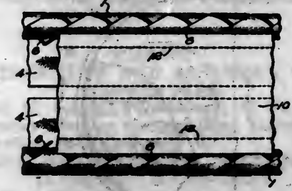


2,106,061

ORNAMENTAL WELTING AND ARTICLE HAVING SUCH WELTING INCORPORATED THEREIN

Roger W. Hale, Rumford, R. I.

Application January 7, 1937, Serial No. 119,468
3 Claims. (Cl. 2—278)



1. As an article of manufacture and sale complete in itself, an ornamental welting having a substantially cylindrical member of braid-like superficial appearance and character with facets having obliquely arranged margins, the surface of said member being substantially wholly exposed when said welting is in its completed condition as a welting, said welting being adapted to be used in the making of other, but ultimate, articles of manufacture utilizing a welting, and said braid-like cylindrical member thereof adapted when said welting is incorporated into such ultimate article to be substantially wholly exposed to view as an ornamental portion of said ultimate article, said cylindrical braid-like member being of indefinite but prolonged length; said welting having as a second member thereof a binding of a length corresponding to that of the said cylindrical braid-like member, said binding being applied to said cylindrical braid-like member only along a relatively narrow longitudinal line of contact of both said members, said two members being secured together by a longitudinally extending line of stitching penetrating the binding and also penetrating the braid substantially along margins of such facets adjacent said binding, so that said line of stitching is to a substantial extent obscured by the superficial appearance of said cylindrical braid-like member.

2,106,062

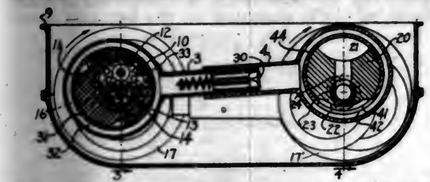
VARIABLE TRANSMISSION

Edwin S. Hall, New Haven, Conn.

Application July 7, 1933, Serial No. 679,281
23 Claims. (Cl. 74—113)

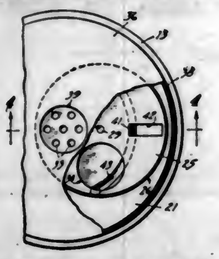
1. Means for transmitting power between spaced parallel shafts comprising a series of units each including a connecting rod comprising a piston and cylinder, a crank on each of

said shafts and for each unit and operably connected to said connecting rod, and valve means associated with one of said cranks for controlling



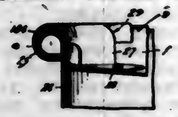
the flow of fluid into and out of said cylinders, and a check valve operably associated with each cylinder to permit fluid to flow into but not out of said cylinder.

2,108,063
CONTAINER
John M. Hothersall, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application April 11, 1935, Serial No. 15,872
4 Claims. (Cl. 221—64)



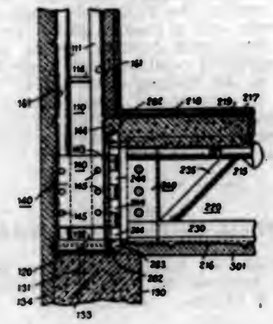
1. A dispensing top for a container having in combination, a stationary top adapted to be attached to a container and having a depressed circular pocket, a dispensing opening formed in and eccentric to said pocket, a disc seated in said pocket and rotatable therein and having sifting openings and a closing portion and a slot extending radially toward the periphery of said disc, and an outer closure rotatably mounted on said top and formed with a dispensing opening in line with the path of said sifting openings and closing portion of said disc and having a depending finger engaging the slot of the disc, the outer end of said radial slot constituting means for limiting the rotary movement imparted by said outer closure through said finger to said disk in both directions to open and close said dispensing opening.

2,108,064
METHOD OF MAKING CONTAINER CLOSURES
John M. Hothersall, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a corporation of New Jersey
Application June 29, 1934, Serial No. 733,147
9 Claims. (Cl. 113—121)



1. The method of producing a multipart closure for containers from a one-piece blank without spoilage or waste, which comprises shaping the blank into a cup member having two concentric walls, cutting between the said concentric walls and dividing said cup member into an outer ring and an inner cover part, and reshaping said ring by drawing a portion thereof into a smaller diameter to produce an annular sealing band, and securing said band to the wall of said inner cover part to form a closure applicable as a unit to a container.

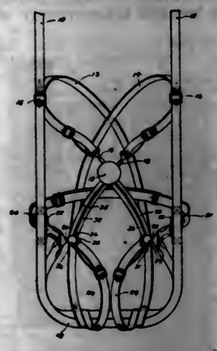
2,108,065
BUILDING CONSTRUCTION AND STRUCTURAL ELEMENT THEREFOR
Guy F. Kotrbaty, New York, N. Y., assignor to Fer-O-Con Corporation, New York, N. Y., a corporation of Delaware
Application April 5, 1935, Serial No. 14,808
6 Claims. (Cl. 72—1)



1. An improved steel skeleton for building constructions, comprising channel members having gripping flanges formed at the top edge, composite stud members in the channels, said channels serving as aligning channels and supports for the shoe sections of composite stud members, the shoes being movable longitudinally of the channels whereby to permit variation of the interstud wall space; means for locking stud assemblies in and to the starting and aligning channel; wall panel securing and gripping sections formed in the outer surfaces of the composite stud members; connection plates secured to the stud members at floor heights; floor members secured to the connection plates, roof rafters joined to the tops of stud members and connected to each other at the ridge of the structure, attic flooring suspended from and secured to and between the ridge rafters; the said flooring members and roof rafter members being generally of truss-form construction.

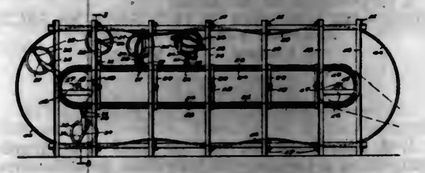
2,108,066
PARACHUTE HARNESS
Stig Ove Christian Kuhlemann, Stockholm, Sweden, assignor to Carl H. Lundholm Aktiebolag, Stockholm, Sweden, a corporation of Sweden
Application August 15, 1936, Serial No. 96,282
In Sweden August 23, 1935
10 Claims. (Cl. 244—151)

1. In a parachute supporting device, the combination of a body encircling strap having at least one of its ends for placement at the front of the wearer, a pair of leg straps, a separate device releasably connecting each of said leg straps to part of the supporting device so as to hold said leg straps in taut lateral position, and a fastening device releasably fastening the end of the body encircling strap which is placed at the front of the wearer and adapted to control



the release of said leg strap holding devices, whereby upon release of said release fastening device the end of the body encircling strap is disconnected and the leg strap holding devices released so as to permit the wearer to free himself from the supporting device without releasing any other couplings.

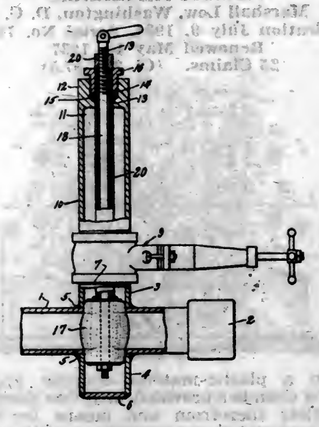
2,108,067
MACHINE FOR MOLDING CHOCOLATE ARTICLES AND THE LIKE
David Lantinberg and Leon D. Lantinberg, Brooklyn, N. Y., assignors to N. D. Q. Specialty Corporation, Brooklyn, N. Y., a corporation of New York
Application December 28, 1934, Serial No. 759,584
11 Claims. (Cl. 107—8)



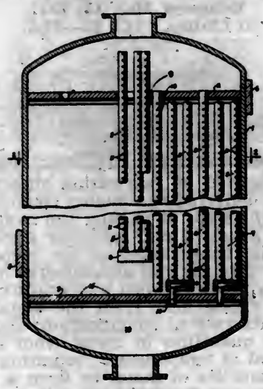
1. In a casting apparatus, a main track, a sinuous track arranged in substantially concentric relation to the main track, a mold carrier supported on one of said tracks and having a rolling element engaging the other track, said mold carrier including a mold carrying frame around which said rolling element extends and which rolling element engages said sinuous track.

2,108,068
PRESSURE CONTROL FITTING
Timothy Allan Larry, Los Angeles, Calif.
Application October 15, 1934, Serial No. 748,257
11 Claims. (Cl. 138—92)

1. In a device as described, a hollow valve housing having a cylindrical inside surface, one end being closed and the other end open, the housing having lateral openings for pipes entering through the cylindrical surface, the said surface extending below and above the said openings, the opening opposite the closed end being adapted for the insertion of an expansible cylindrical valve.

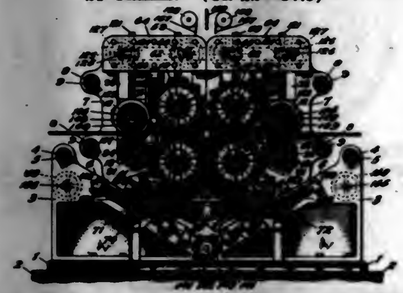


2,108,069
STRUCTURE AND ASSEMBLY OF CONVERTERS
Raymond C. Lassiat, Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del., a corporation of Delaware
Application October 23, 1935, Serial No. 46,354
13 Claims. (Cl. 23—288)



1. Apparatus for treating fluids which comprises a casing providing a reaction chamber and a manifolding chamber adjacent one end of said reaction chamber and separated from the latter by a partition member having perforations or openings therein, a plurality of conduits arranged in substantial parallelism within said reaction chamber, and a number of fluid ducts extending through said openings in said partition, each connecting a plurality of said conduits with said manifolding chamber, so that the number of openings through said partition member is substantially less than the number of said conduits which communicate with said manifolding chamber therethrough.

2,108,070
METHOD OF AND APPARATUS FOR SHAPING PLASTIC MATERIALS
Marshall Low, Washington, D. C.
Application July 9, 1934, Serial No. 734,348
Renewed May 13, 1937
25 Claims. (Cl. 22—57.5)



14. In a plastic-material-shaping apparatus having a chamber provided with two sheet forming outlets therefrom and means for feeding plastic material in segregated quantities successively to said chamber and thence through said outlets; a pair of rotatable rolls provided with a plurality of circumferentially arranged longitudinally extending elevations and depressions, said rolls forming two walls of said chamber, a wall of each of said outlets and portions of said feeding means.

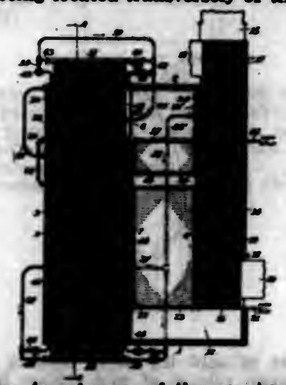
2,108,071
METHOD OF AND APPARATUS FOR SHAPING PLASTIC MATERIALS
Marshall Low, Washington, D. C.
Application July 9, 1934, Serial No. 734,349
Renewed May 13, 1937
31 Claims. (Cl. 22—57.5)



1. The method of fabricating sheets or bars from metal delivered in a molten condition which comprises the steps of passing the molten metal through a series of non-oxidizing atmospheres; reducing the temperature of the metal during its passage through said atmospheres in accordance with a predetermined temperature gradient to extract excess heat from the metal and to accelerate its rate of solidification; successively segregating quantities of metal from the metal thus reduced in temperature; reuniting the segregated quantities of metal to form a homogeneous mass; and finally shaping the metal into sheet or bar form when the same attains a sufficiently plastic condition and while it is still hot from its original heat.

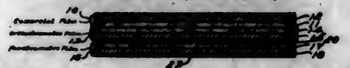
2,108,072
STEAM GENERATOR
Charles E. Lucke, New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J., a corporation of New Jersey
Application February 27, 1931, Serial No. 518,623
Renewed July 1, 1936
4 Claims. (Cl. 122—235)

1. In combination, a forced flow vapor generator including a furnace receiving and radiantly burning elements of combustion, a gas passage having a 180° gas turning zone connecting the same with said furnace, a fluid passage comprising groups of tubes with the tubes of each group in parallel and one of said groups having parallel lengths disposed along the walls of the furnace, said groups successively connected for serial progression of the fluid therethrough from liquid entrance to vapor outlet, one of said groups being located transversely of the furnace



wall tubes in advance of the gas turning zone and across the path of the gases to form a radiant heat shield for another of said groups across the gas passage beyond the gas turning zone, the said last two mentioned groups being spaced marginal to the turning zone to provide therein an unoccupied chamber whereby the gases passing through the first of the last two mentioned groups are enabled to become evenly distributed throughout the area of the succeeding group crossing the gas passage.

2,108,073
COLOR FILM PACK
Archibald H. MacDonald, Detroit, Mich., assignor to The Coleray Corporation, Detroit, Mich., a corporation of Michigan
Application September 28, 1933, Serial No. 691,331
Renewed February 12, 1937
6 Claims. (Cl. 95—2)



1. A film pack for use in color photography comprising a commercial type film, an orthochromatic film, and a panchromatic film, a color filter formed of thin cellulose tissue interposed between said orthochromatic film and said panchromatic film, the said films and the said filter being fully enclosed in a covering formed of a thin, transparent cellulose tissue.

2,108,074
SPECTACLES
Edward F. McMahon, Clinton, Md.
Application October 26, 1935, Serial No. 46,866
4 Claims. (Cl. 88—41)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

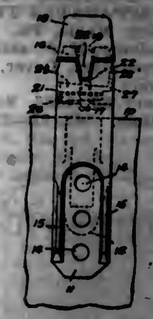
1. Spectacles comprising a pair of lenses, a pair of vertically spaced bridge members connecting said lenses, a screw element carried by one of said bridge members, and a nut element carried by the other of said bridge members for

threaded engagement with said screw element, said elements being relatively rotatable to vary



the spacing of said bridge members and hence the distance between said lenses.

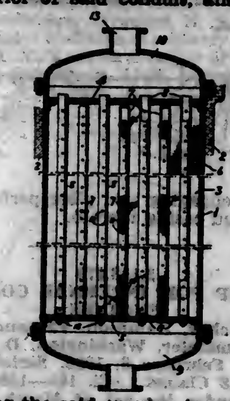
2,108,075
DIPPER TOOTH
George W. Mock, South Milwaukee, Wis., assignor to Bucyrus-Erie Company, South Milwaukee, Wis., a corporation of Delaware
Application May 20, 1936, Serial No. 80,639
2 Claims. (Cl. 37—142)



2. In a tip for an excavator tooth, the combination of: a digging edge; a supported portion, adapted to engage the supporting portion of a tooth base; and a rearwardly projecting tang, adapted to engage a slot on the tooth base, and having itself a transversely cut longitudinally disposed slot, which slot has at its rearward end a pair of flat rearward bearing faces forwardly inclined at substantially the same angle to the direction of application of the tang and adapted to engage corresponding faces on a locking wedge.

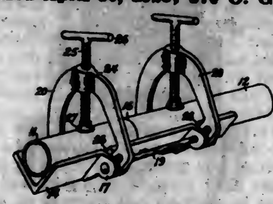
2,108,076
APPARATUS FOR TREATING FLUIDS
Thomas B. Prickett, Woodbury, N. J., assignor to Hendry Process Corporation, Dover, Del., a corporation of Delaware
Application December 2, 1935, Serial No. 52,692
12 Claims. (Cl. 23—288)

12. In apparatus for treating fluids, a casing providing a reaction chamber bounded at one end by a partition member having an opening therethrough, contact or catalytic material within said chamber and substantially filling the same, a perforated conduit in registering relation with the opening in said partition member and extending across and within said reaction chamber and terminating adjacent the opposite end of said reaction chamber to be embedded in said contact material, there being an opening in said conduit adjacent said opposite end of said reaction chamber, a stud-like member extending through the aforementioned opening in said partition member and having means adjacent one end thereof for detachably engaging said conduit and at the other end thereof for engagement with the face of said partition member opposite from said reaction chamber, said stud-like member having an opening extending therethrough to give access to the interior of said conduit, and removable



means sealing the said opening in said stud-like member.

2,108,077
PIPE JOINT WELDING CLAMP
Van K. Robinson, Bremerton, Wash.
Application December 2, 1935, Serial No. 52,516
3 Claims. (Cl. 113—102)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

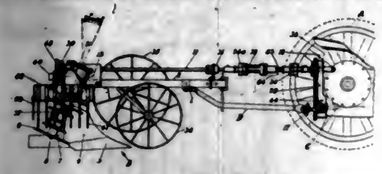


1. A clamp for securing a plurality of pipe sections in fixed relative position comprising angle iron means provided with angularly disposed contact surfaces adapted to engage a pipe section at points spaced on its periphery and also spaced along the length of the pipe and means for securing the pipe section on the angle iron means comprising a pair of spaced apart yokes having inturned ends, one inturned end of each yoke having a hinge slot therein and a common hinge pin means secured to the side of the angle irons the other inturned end of each yoke being extendible under said angle iron means to abut thereagainst in secured position.

2,108,078
ROTARY ATTACHMENT FOR TRACTOR PLOWS
Thomas K. Russell, New York, N. Y., assignor to The Plow-Wake Corporation, a corporation of Delaware
Application August 8, 1933, Serial No. 684,150
Renewed April 29, 1937
37 Claims. (Cl. 97—43)

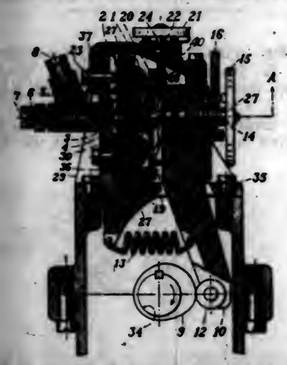
1. In an attachment for plows adapted to be drawn and operated by a motor tractor comprising a revoluble soil pulverizing unit adapted to be mounted on the plow beam and comprising a gear casing, the combination, with said above described apparatus, of a substantially flat, perforated, vertically-disposed bracket plate bolted to said plow beam with its face more remote from

said beam exposed and adapted to fit against a plane surface on the exterior of said gear-casing,



and means engaging said plate perforations for fastening said casing thereto.

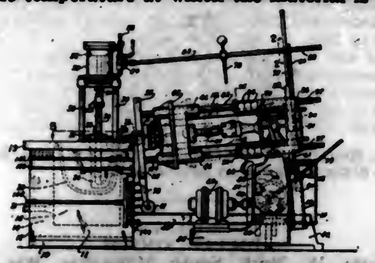
2,106,679
FUEL PUMP FOR INTERNAL COMBUSTION ENGINES
Oscar W. Schey, Hampton, Va., and George T. Hemmeter, Washington, D. C.
Application February 8, 1936, Serial No. 63,008
18 Claims. (Cl. 103—150)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



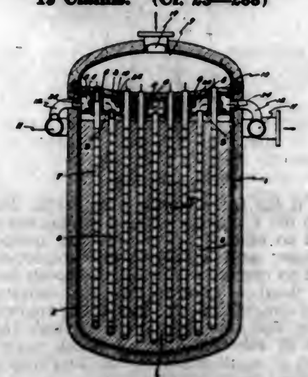
1. In a pump of the class described, in combination, a housing, a diaphragm secured to the housing forming a chamber jointly with the housing, an intake passage and an outlet passage leading to a common port in the housing in communication with the chamber, check valves in the respective passages, an adjustable actuating means for deflecting the diaphragm to close the port, and means for regulating the initial volume of the chamber.

2,106,680
METHOD FOR CASTING METALS
John A. Schultz, Jr., and John A. Zapf, Toledo, Ohio; Mary T. Schultz, executrix of the estate of said Schultz, deceased, assignors to Schultz Machine Company, Toledo, Ohio
Application March 19, 1934, Serial No. 716,248
2 Claims. (Cl. 22—200)

2. The method of making castings from zinc-base material which comprises maintaining the material to be injected into a die at substantially a temperature ranging from slightly above the melting point to ten per cent higher than the material melting point; injecting said material into the die at a pressure per square inch of not less than one thousand three hundred pounds, and not greater than the order of two thousand pounds; and maintaining the rate of heat radiation of the die so as to provide a substantially uniform temperature at the die surface in contact with the material not to exceed sixty per cent of the temperature at which the material is injected, the temperatures being determined according to Fahrenheit scale.



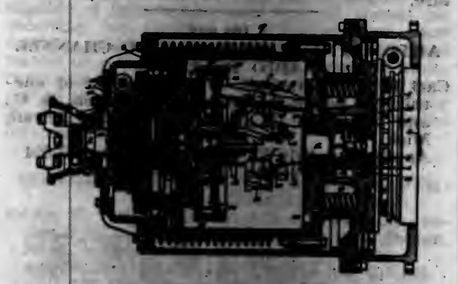
2,106,681
TEMPERATURE CONTROL OF CONTACT MASSES AND APPARATUS THEREFOR
Hubert A. Shabaker, Media, Pa., and Raymond C. Lassiat, Woodbury, N. J., assignors to Houdry Process Corporation, Dover, Del., a corporation of Delaware
Application January 30, 1935, Serial No. 4,020
19 Claims. (Cl. 23—288)



1. In apparatus for effecting treatment of fluids, a casing, a perforated partition therein defining a manifolding chamber at one end thereof, a second perforated partition in spaced relation to said first partition to define a second manifolding chamber in contiguity with said first manifolding chamber and one end of a reaction chamber, a contact mass in said reaction chamber, a series of perforated fluid conduits mounted in the perforations of said first partition and extending into said reaction chamber to be embedded in said mass for distributing reactant fluids therethrough, and a series of perforated fluid conduits mounted in the perforations of said second partition and extending into said reaction chamber to be embedded in said mass for conducting fluid reaction products from said mass into said second manifolding chamber to form an insulating blanket of fluid between said mass and said first manifolding chamber.

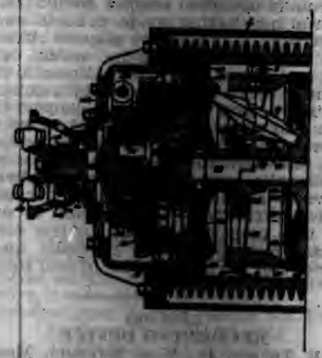
2,106,683
TRANSMISSION MECHANISM
John S. Sharpe, Haverford, Pa.
Application July 20, 1936, Serial No. 91,001
10 Claims. (Cl. 74—231)

1. In a planetary rolling-adhesion transmission mechanism, the combination with a rotary member, of a planetary torque-transmitting roller having tractive contact with said member, and centrifugal means including an actuating weight



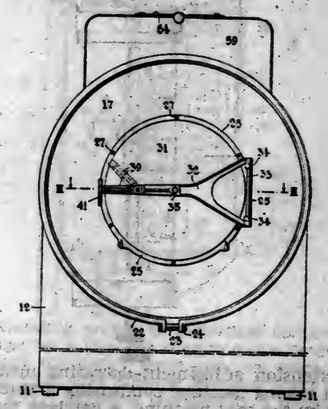
movably mounted in said member for exerting a force upon the roller in opposition to the gyroscopic forces generated in said roller as a result of the planetary movement.

2,106,682
TRANSMISSION MECHANISM
John S. Sharpe, Haverford, Pa.
Application August 25, 1934, Serial No. 741,468
24 Claims. (Cl. 74—235)



1. A transmission comprising interconnected planetary systems mounted for joint rotation as a unit with the elements of each system in relatively fixed relation, one of said systems being of the geared or positive type and the other being of the rolling adhesion or friction type, a driven member connected to the first-named system, a driving member connected to the planetary element of the second-named system, means for relatively adjusting said planetary element in its system to vary the torque ratio of the driving and driven members, said planetary element in a given adjusted position effecting a balance of forces tending to rotate the systems in said unitary relation, and means for controlling the movement of an element of each of said systems for transmission of power between the driving and driven members when said planetary element is in another position of adjustment, said means comprising an overrunning clutch device effective to prevent rotation of said controlled element in one direction while permitting free rotation thereof in the opposite direction, and means associated with said clutch for permitting a limited rotation of said element in the first-named direction.

2,106,684
DRYING APPARATUS
William Strobridge, Syracuse, N. Y., assignor to United States Hoffman Machinery Corporation, New York, N. Y., a corporation of Delaware
Application January 4, 1937, Serial No. 119,629
9 Claims. (Cl. 34—5)

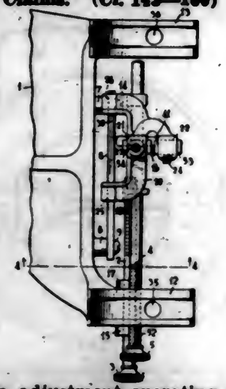


1. A drying apparatus, comprising a casing; a hollow drying cylinder rotatably mounted within said casing, said cylinder comprising a perforate peripheral wall and two end walls, one of said walls being imperforate and the other of said end walls having a circular opening formed centrally therein, the adjacent wall of the casing likewise having a circular opening therein in axial alignment with the circular opening formed in the end wall aforesaid; a closure for the opening in the casing; means for sealing the cylinder adjacent the last named end wall with reference to the casing to prevent the passage of air between said parts at this point; an annular flange carried by the casing and extending inwardly into the central opening in the adjacent end wall of the cylinder, the outer peripheral face of said flange standing in spaced relation to the edge of the opening in the cylinder wall, forming therewith an orifice through which air may be drawn in an axial direction into the cylinder; and means for drawing air through said orifice into the central portion of the cylinder and outwardly through the perforate peripheral wall thereof.

2,106,685
METHOD OF MAKING ALUMINUM BASE ALLOYS
Philip T. Stroup, New Kensington, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application January 9, 1936, Serial No. 58,344
8 Claims. (Cl. 75—138)

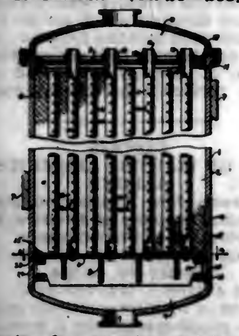
1. A method of making relatively gas-free aluminum base alloys containing a metal which in its form prior to being added to the said alloy is able to acquire an oxide film capable of sorbing an appreciable amount of gas and moisture when exposed to the atmosphere, said method comprising coating said oxidizable metal with at least one of the class of poly-chlorinated hydrocarbons which are normally solid at room temperature, and adding said coated metal to the molten aluminum.

2,108,026
EXTENSION CONTROL MEANS FOR TOOL GUIDES
Herbert E. Tanis, Milwaukee, Wis., assignor to Delta Manufacturing Company, Milwaukee, Wis.
Application May 27, 1935, Serial No. 23,759
4 Claims. (Cl. 143—160)



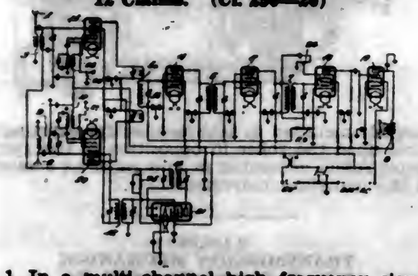
1. Extension adjustment-operating means for a band sawing machine comprising a track supported by the said machine, a carriage mounted movably on said track, a saw-blade lateral guide member supported by said carriage, forwardly extending means for moving the carriage along said track, a thrust-receiving rear guide member for the saw-blade, and independent forwardly extending means for moving said second guide member in a direction parallel to the movement of the carriage but independently thereof.

2,108,027
APPARATUS FOR CONTACT TREATMENT OF MATERIALS
Clarence H. Thayer, Wallingford, Pa., assignor, by mesne assignments, to Hendry Process Corporation, Wilmington, Del., a corporation of Delaware
Application November 9, 1935, Serial No. 48,974
19 Claims. (Cl. 23—288)



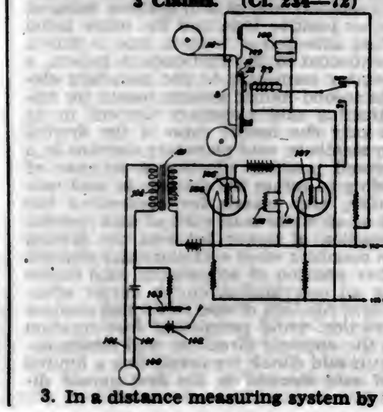
5. Apparatus for carrying out treating operations which comprises a casing providing a reaction chamber, perforated inlet and outlet conduits extending within said chamber, and means including a sheet structure adjacent one end of said chamber and non-fixedly borne by said casing to provide relative movement therebetween, both said inlet and outlet conduits being mounted in the sheet structure of said last-mentioned means so as to be supported by such means and one type only of said conduits having fluid communication through said sheet structure.

2,108,083
AUTOMATIC INTERCEPT TWO-CHANNEL RADIO RECEIVER
Carl R. Tufts, Detroit, Mich., assignor of one-third to Edwin L. Powell, Washington, D. C., and one-third to Charles E. Motte, Detroit, Mich.
Application July 17, 1934, Serial No. 735,694
12 Claims. (Cl. 250—20)



1. In a multi-channel high frequency signal receiving system, a normally operative selector circuit, a plurality of auxiliary selector circuits, said normally operative selector circuit including an electron tube having anode, cathode, and control electrodes, said auxiliary selector circuits including electron tubes having anode, cathode, control, and screen electrodes, automatic control means individual to each of said auxiliary selector circuits, and electronically coupled thereto through said screen electrodes and connected in common to the control electrode in the electron tube in said normally operative selector circuit, said automatic control means being individually operative by signal energy received through the respective auxiliary selector circuit to produce cut-off bias potential on said control electrode to render inoperative said normally operative selector circuit for the duration of said signal energy.

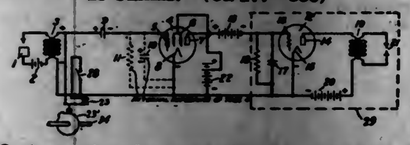
2,108,089
RECORDING DEVICE
Edwin E. Turner, Jr., West Roxbury, Mass., assignor to Submarine Signal Company, Boston, Mass., a corporation of Maine
Application September 4, 1931, Serial No. 561,213
3 Claims. (Cl. 234—72)



3. In a distance measuring system by the use of

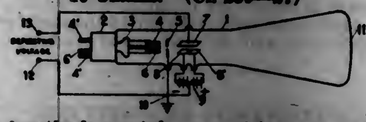
compressional waves, a marking means consisting of an electromagnet and an armature having a marker thereon, amplifying means normally maintaining current in said electromagnet and capable of interrupting said current, means for receiving an impulse of compressional wave energy, means responsive to said last named means to cause said amplifying means to interrupt said current, and means operatively connected to said amplifying means for controlling the time of building up of the current after the interruption has occurred.

2,108,090
APPARATUS FOR DISTANCE AND DEPTH MEASUREMENT
Edwin E. Turner, Jr., West Roxbury, Mass., assignor to Submarine Signal Company, Boston, Mass., a corporation of Maine
Application July 12, 1933, Serial No. 680,206
13 Claims. (Cl. 177—336)



2. Apparatus for recording or indicating in each of a series of successive time intervals the receipt, in a field of compressional wave energy impulses having various intensities, of the impulses having a peak value of intensity equal to or greater than the impulse of the highest peak value occurring during a preceding time interval, comprising a compressional wave energy receiver, a vacuum tube circuit, an indicator operated thereby, and means for negatively biasing one of the vacuum tubes in said circuit to a value determined in each time interval by the maximum intensity of the impulse having the greatest peak value received during said preceding time interval.

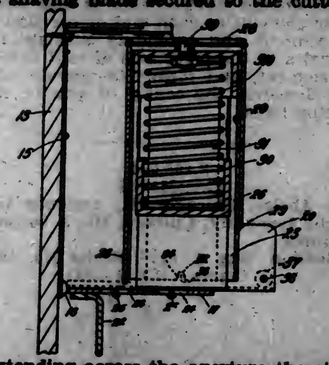
2,108,091
CATHODE RAY DEVICE
Manfred von Ardenne, Berlin, Germany, assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware
Application June 4, 1934, Serial No. 728,235
In Germany July 22, 1933
19 Claims. (Cl. 250—27)



2. A cathode ray tube comprising an envelope; means for producing a concentrated electron beam therein; means including a pair of electrostatic electron plates for deflecting said beam; and biasing means for securing a predetermined electric potential distribution over at least one of said deflecting plates to produce two additional substantially constant fields of opposite sign and normally perpendicular to the deflecting plates within the deflecting space enclosed by said deflecting plates for correcting irregularities of sensitivity of deflection for different deflecting angles of said beam.

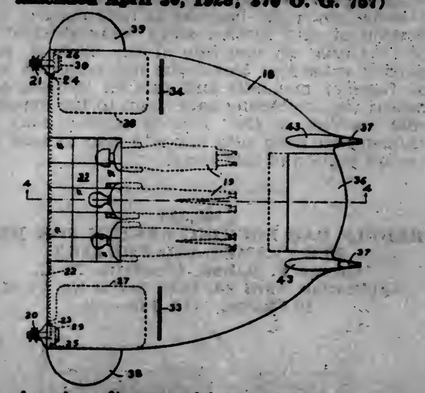
2,108,092
BAR SOAP DISPENSER
John E. Wheatley, Norwood, Ohio
Application June 14, 1935, Serial No. 26,638
5 Claims. (Cl. 146—62)

1. In a soap dispenser the combination of a mounting frame, an inner frame thereon, a soap bar adapter slidable in the inner frame, a feed plunger assembly insertable in the adapter and removably connected with the inner frame, a cutter slide having an aperture therein mounted for reciprocation across the open end of the adapter, and a shaving blade secured to the cutter slide



and extending across the aperture therein, said blade having a straight edge and clearance faces extending uniformly from opposite sides of the straight edge and forming between them an included angle which is bisected by a perpendicular from the plane of the cutter slide through the apex of said angle.

2,108,093
AIRCRAFT
Charles H. Zimmerman, Hampton, Va.
Application April 30, 1935, Serial No. 18,960
11 Claims. (Cl. 244—36)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. An aircraft, comprising a structure affording an aerodynamic lifting surface, said structure having in it space for a pilot and for load, a controllable pitch propeller mounted at each tip of the leading edge of said structure in fixed relation to the longitudinal axis of the craft, a separate engine connected to each propeller, means positively connecting said propellers together to rotate at equal speeds and in such directions that the blades thereof move down when farthest from the plane of symmetry of the craft, a movable control element adapted to form, in effect, a portion of the upper and lower surfaces of said structure and also of the trailing edge thereof, the said element being mounted on a

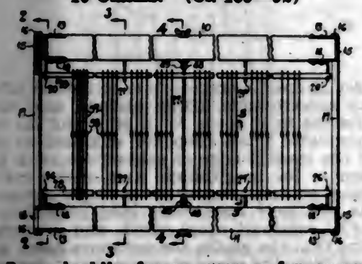
pivoted axis rearwardly of its foremost portion and adjacent its upper surface, whereby when the trailing edge of said element is raised a slot is opened to permit air to pass from the lower surface of said structure over the upper surface of the element, said slot having its greatest width on the lower surface of said structure a control element at each end of the first-mentioned element and extending substantially at right angles to the pivot axis of said first-mentioned element, and means to operate all said control elements, the center of gravity of said craft being fixed.

2,108,094
GARMENT
Jerome Abeles, Chicago, Ill., assignor to The Fermit Company, Chicago, Ill., a corporation of Illinois
Application May 6, 1935, Serial No. 19,944
1 Claim. (Cl. 2—38)



A garment of the class described comprising a body encircling portion having an opening, a slide fastener for closing the opening comprising cooperating rows of fastener members secured to opposite sides of the opening, means including a tension strap for connecting opposite sides of the opening adjacent the bottom end of the fastener to prevent tearing stresses on the end of the fastener when the fastener is fully opened, one portion of said tension strap being stitched to the material on one side of the opening, said portion extending lengthwise alongside the row of fastener members and parallel thereto, and means for connecting said strap to the opposite side opening so that tearing stresses may be transmitted from said opposite side to said attached portion of said strap.

2,108,095
HEDDLE BAR LOCKING SYSTEM FOR HEDDLE FRAMES AND THE LIKE
George F. Bahan, Charlotte, N. C.
Application April 20, 1936, Serial No. 75,433
10 Claims. (Cl. 139—92)



2. In a heddle frame, means for removably supporting a heddle bar intermediate its ends, comprising a member secured to the frame having vertically stepped notches therein for supporting the heddle bar, a second member secured to said frame in spaced relation to said first member and having vertically stepped notches therein stepped in an opposite direction to the notches in the first member for supporting the heddle bar, said first member having a projecting lip adjacent its recess for overlapping one edge of said bar, said second member having a projecting lip adjacent its recess for overlapping the other edge of said bar to confine both edges of said bar within said recesses, the interior proximate edge of each overlapping lip diverging at an angle relative to said heddle bars when in position to allow said bar to be inserted or removed from said recesses.

2,108,096
MERCHANDISE DISPLAY APPARATUS
James E. Barsi, Newark, N. J., assignor to Anheuser-Busch, Inc., St. Louis, Mo., a corporation of Missouri
Application June 18, 1937, Serial No. 148,922
14 Claims. (Cl. 40—126)

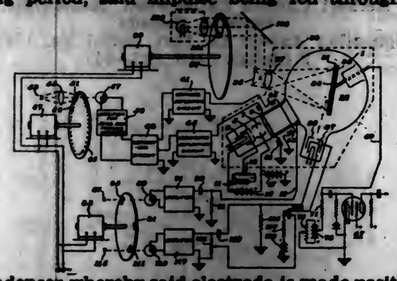


1. A merchandise display apparatus, consisting of a collapsible supporting structure made to represent or simulate a plurality of containers of the kind in which an advertised product is packed and constructed so as to be capable of being folded or collapsed when not in use, a tapered bottom tray mounted on said supporting structure and containing samples of the advertised product, and a shelf on said supporting structure having a continuous or unbroken surface on which is removably mounted articles or packages containing material that is adapted for use in connection with the advertised product.

2,108,097
TELEVISION TRANSMITTER
Alda V. Bedford, Collingswood, and Ray D. Kell, Haddonfield, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware
Application August 31, 1934, Serial No. 742,200
18 Claims. (Cl. 178—7.2)

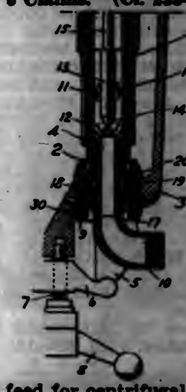
6. In a picture transmitting system, a cathode-ray tube comprising an evacuated container, a mosaic of light-sensitive elements therein, a conducting plate, said elements being mounted adjacent to said plate whereby they are capacitively connected thereto, an electrode common to said elements and positioned to collect photoelectrons therefrom, means for generating an electron beam in said container, means for scanning said mosaic periodically with said electron beam whereby said mosaic is brought to an equilibrium potential at the end of each scanning period due to the emission of secondary electrons from said mosaic, and means for impressing a

negative voltage impulse between said conducting plate and said electrode at the end of each scanning period, said impulse being fed through a



condenser whereby said electrode is made positive with respect to said plate at the end of said impulse.

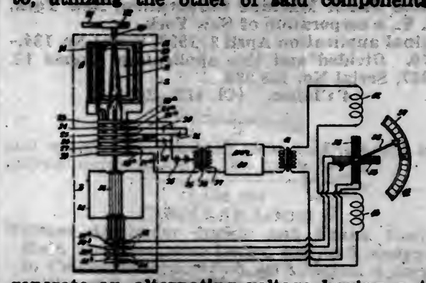
2,108,098
FEED FOR CENTRIFUGAL SEPARATORS
Nore Einar Bergner, Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y., a corporation of New Jersey
Application December 21, 1934, Serial No. 758,689
In Sweden December 28, 1933
6 Claims. (Cl. 233—45)



2. A bowl feed for centrifugal separators comprising a rotatable hollow bowl spindle, having a contracted lower neck, a stationary member provided with a channel through which liquid is adapted to flow into the bowl spindle, a tube extending into said channel and thereby supported by said member and also extending into but spaced from the inner wall of the lower neck of the spindle, and wings within and extending longitudinally of the spindle above said neck and terminating at their lower ends adjacent the upper outlet end of said tube, said wings extending inward from the wall of the spindle to substantially within the space directly above the flow space enclosed by the tube.

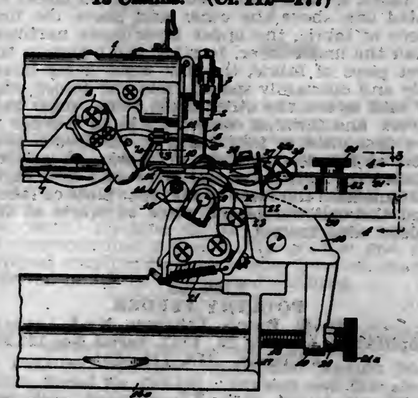
2,108,099
DEVICE FOR INDICATING DIRECTION OF MOVEMENT
Josiah A. Brooks, Port Washington, N. Y.
Application April 4, 1935, Serial No. 14,564
19 Claims. (Cl. 33—204)

1. The method of determining the direction of rectilinear movement in a given plane cutting a magnetic field at an angle such that said field can be resolved into a component lying in said plane and a component normal to said plane, which comprises utilising one of said components to generate an alternating voltage having a definite time phase relationship with respect thereto, utilizing the other of said components to



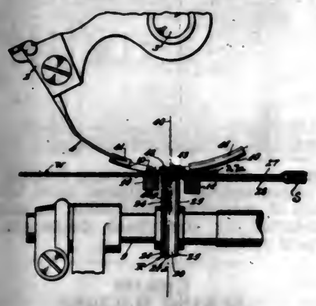
generate an alternating voltage having a time phase characteristic dependent upon the actual direction of rectilinear movement in said plane, and determining the phase displacement between said voltages.

2,108,100
SEWING MACHINE
Mario Bueno, Brooklyn, N. Y., assignor to U. S. Blind Stitch Machine Corporation, New York, N. Y., a corporation of New York
Application April 2, 1937, Serial No. 134,470
13 Claims. (Cl. 112—177)



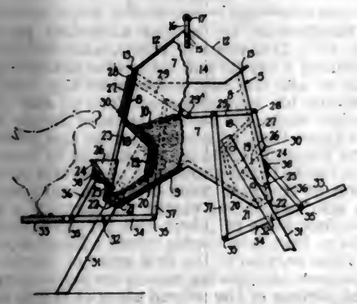
1. Mechanism for sewing a second piece of fabric to a first piece of fabric, said mechanism comprising a needle and means for actuating the needle to and fro, said mechanism also comprising means for supporting portions of said pieces of fabric while the second piece of fabric is located above the first piece of fabric and while the second piece of fabric is folded so as to have two layers located one above the other and above a portion of the first piece of fabric, said mechanism also comprising means for forming a bight in the first piece of fabric and for operating the needle so that said needle forms a blind stitch in said bight portion of the first piece of fabric, said mechanism also having means for supporting the folded portion of the second piece of fabric in the path of the needle which forms said blind stitch and in such relation to the path of said needle as to form a second blind stitch in the folded portion of the second piece of fabric, said mechanism also including means for regulating the lateral distance between the bight portion of the first piece of fabric and the folded portion of the second piece of fabric.

2,106,101
METHOD OF SEWING
Mario Buono, Brooklyn, N. Y., assignor to U. S. Blind Stitch Machine Corporation, New York, N. Y., a corporation of New York
Original application April 2, 1937, Serial No. 134,470. Divided and this application August 13, 1937, Serial No. 158,898
4 Claims. (Cl. 112—267)



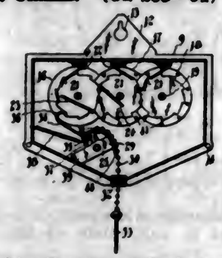
1. A method of sewing a second piece of fabric to a first piece of fabric and while the second piece of fabric is on top of the first piece of fabric, which consists in folding the second piece of fabric so that it has two superposed layers located one above the other and above the first piece of fabric, the upper layer being narrower than the under layer, forming two bights in the first piece of fabric, the first bight being laterally and outwardly spaced from the folded edge of said layers, the other bight being under said layers, and forming connecting blind stitches in the first piece of fabric and in the folded portion of the second piece of fabric, by passing thread through the material of said first bight intermediate the faces of said first piece of fabric and through the second piece of fabric at the folded edge thereof.

2,106,102
POULTRY FEEDER
Ira C. Busch, Lebanon, N. J.
Application January 25, 1937, Serial No. 122,268
6 Claims. (Cl. 119—55)



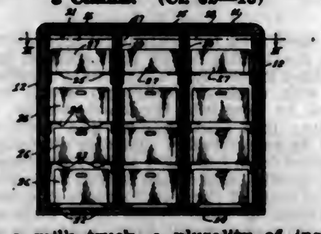
1. In a poultry feeder, in combination, a bin having a side opening, an upper and a lower door for closing said opening, a foot-board pivotally associated with the bin and movable downwardly by the weight of a fowl, and connections between the foot-board and the doors whereby downward movement of the foot-board causes an opening movement of said doors.

2,106,103
TALLY KEEPER
Herbert Clifford Catherwood, Hagersville, Ontario, Canada
Application August 13, 1937, Serial No. 158,873
2 Claims. (Cl. 235—91)



1. The combination in a tally keeper, of a casing including an apertured bottom wall, a ratchet wheel journalled in the casing for operating a counting mechanism, a quadrant in the casing below the ratchet wheel and composed of a pair of spaced side plates connected by a pivotally mounted hub, and a curved wall attached to the side plates having an outer face on an arc of a circle whose centre is common with the hub axis, said side plates being prolonged oppositely to the curved wall to present fingers for contact with the aforesaid bottom wall of the casing to serve as stops; a flexible element trained over the said curved wall of the quadrant and secured at an end thereto and extending through said apertured bottom wall, a trip dog pivotally carried by the quadrant radially of its hub for engaging the teeth of the ratchet wheel, and a spring connected to the trip dog such as to retain it in contact with the ratchet wheel and to retract the quadrant when actuated by the flexible element.

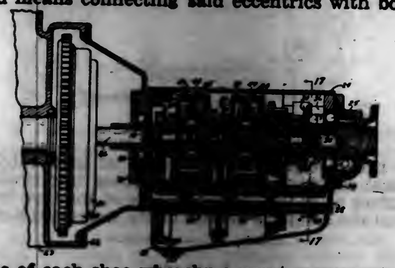
2,106,104
MILK TRUCK
Almon J. Cordrey, Chicago, Ill., assignor to Liquid Carbonic Corporation, Chicago, Ill., a corporation of Delaware
Application June 29, 1936, Serial No. 87,882
3 Claims. (Cl. 62—13)



1. In a milk truck, a plurality of insulated cold storage compartments, brackets in said compartments for supporting cases of milk in spaced vertical relation in each compartment, additional brackets near the top of each compartment, trays slidable on said additional brackets having front and rear sections therein and dry ice disposed in said rear sections.

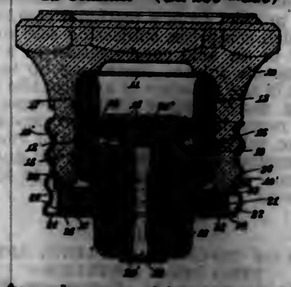
2,106,105
AUTOMATIC AUTOMOTIVE TRANSMISSION MECHANISM
Frederick W. Cotterman, Dayton, Ohio, assignor of one-half to Bessie D. Apple, Dayton, Ohio
Application June 5, 1933, Serial No. 674,280
11 Claims. (Cl. 192—103)

1. A centrifugal clutch comprising, a frame, a drum rotatable independently of said frame, arcuate shoes carried by said frame adapted for frictional engagement with said drum, centrifugal weights having arcuate movement about hinges at the ends of the shoes, eccentrics turnable by the swinging movement of said weights, and means connecting said eccentrics with both



ends of each shoe whereby a great movement of said weights moves both ends of said shoes a small but substantially equal distance to or from said drum, a portion of said connecting means being yieldable thereby permitting farther arcuate movement of said weights after said shoes engage said drum.

2,106,106
FUSE PLUG
John T. Dalcher, Lawrence Harbor, N. J.
Application April 5, 1937, Serial No. 135,072
12 Claims. (Cl. 200—120)



12. A fuse plug comprising a transparent body portion having a chamber in its lower end; a fuse ribbon; a ribbon holder insertable into said chamber to position said ribbon, said holder having a recess in its lower end; a contact holder the upper end of which is insertable into said recess; a contact centrally disposed in said holder and contacting with one end of said ribbon, said contact holder having an annular flange provided with a plurality of radial depressions; means for locking said flange to body portion; a metal screw shell threaded to said body portion and contacting with the other end of said ribbon, said shell having an inwardly extending flange; and projections on said shell flange projecting into the depressions in said contact holder flange.

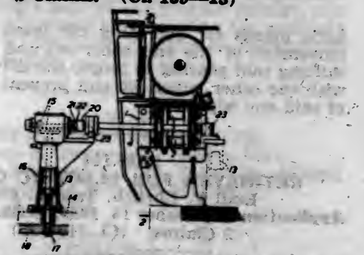
2,106,107
MEANS FOR ANCHORING STRUCTURAL ELEMENTS TO CONCRETE SUPPORTING BODIES
Russell J. De Wees, Dallas, Tex.
Application December 3, 1935, Serial No. 53,581
2 Claims. (Cl. 72—101)

1. An insert for forming a continuous groove or channel in a concrete structure, said insert consisting of a shell of substantial T-shape, one side thereof having a longitudinal opening, a filler element of rectangular cross-section fitted in



said opening to normally close said opening and prevent deformation of the insert.

2,106,108
CIRCULAR LOOM
William Alexander Dickie and Frank Corbyn Hale, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application May 16, 1936, Serial No. 80,178
In Great Britain July 2, 1935
2 Claims. (Cl. 139—13)



1. Circular loom of the type comprising means for positioning the shuttles by means of vane wheels mounted in spaced relationship on a rotatable shaft so as to engage correspondingly spaced rollers in a shuttle, said loom comprising means to adjust the shaft parallel to itself and towards and away from the shuttle so as to provide correct meshing of the vane wheels with the corresponding rollers in the shuttle and a universal coupling through which the shaft may be driven in any of its adjusted positions.

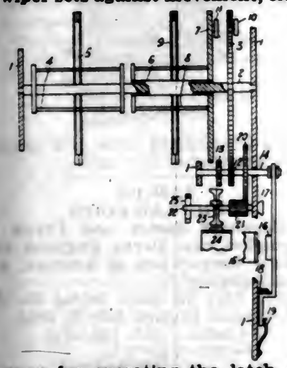
2,106,109
MANUFACTURE OF ORGANIC COMPOUNDS
Henry Dreyfus, London, England
No Drawing. Original application August 25, 1932, Serial No. 630,737. Divided and this application September 5, 1935, Serial No. 39,285. In Great Britain September 1, 1932
7 Claims. (Cl. 260—54)

1. Process for the manufacture of a cyclic ether, which comprises subjecting to the action of heat a polyhydric alcohol in admixture with an oxide of a metal selected from the group consisting of alkali metals and alkaline earth metals, the metal radicle and the alcohol radicle being present in substantially the proportions which react to form a metal alcoholate, passing gaseous hydrogen chloride into the reaction mixture while the said reaction mixture is being heated, and removing the cyclic ether as it is formed.

2,106,110
AUTOMATIC SWITCH FOR USE IN TELEPHONE OR LIKE SYSTEMS
Henry John Edwards, Dartford, England, assignor to Siemens Brothers & Company Limited, London, England
Application December 2, 1935, Serial No. 52,548
In Great Britain December 20, 1934
6 Claims. (Cl. 179—24)

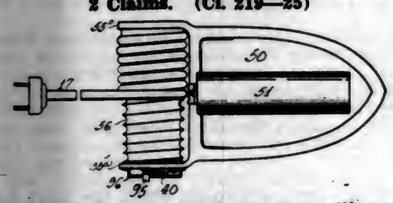
1. A selecting switch having a plurality of

wiper sets, a common driving means, gearing normally coupling said means to one wiper set and tending to drive that set, a latch normally holding the wiper sets against movement, electromag-



netic means for operating the latch to permit movement of the one wiper set and means for shifting said gearing to couple the driving means with the other wiper set and prevent movement of said one wiper set.

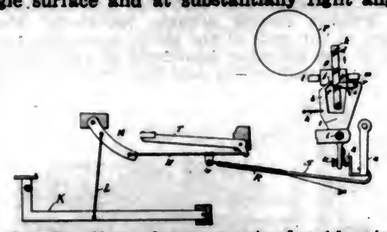
2,108,111
RETRIEVER FOR ELECTRIC CORDS
Emil E. Ehrlich, Tampa, Fla.
Application September 16, 1935, Serial No. 40,713
2 Claims. (Cl. 219—25)



1. In combination, an electric iron with a cord and a retriever for said cord, comprising a body for the iron having a heating element and having a pair of rearwardly extending frame members substantially aligning with and parallel to the sides of the body at the rear, a retrieving drum mounted between said frame members with the centre of the drum in line with the body of the iron, means for automatically rotating said drum, said electric cord being wound upon said drum and connected into the circuit between the electric supply and the heating element of the iron.

2,108,112
ESCAPEMENT
Fritz Eibert, Munich, Germany, assignor to Robert Wolff, Basel, Switzerland
Application November 20, 1934, Serial No. 753,796
In Germany April 3, 1934
5 Claims. (Cl. 197—88)

5. An escapement device for typewriters comprising a powered ratchet wheel having teeth, detaining and displacement pawls adapted to engage one of said teeth at a time and having surfaces co-operating with corresponding surfaces on said ratchet wheel teeth, at least one of said co-operating surfaces being at an angle other than right angle to the direction of movement of said ratchet wheel, means for actuating said pawls during the forward stroke of a type lever to permit movement of said ratchet wheel by one tooth, and a safety catch surface adjoining said angle surface and at substantially right angles



to the direction of movement of said ratchet wheel capable of locking the other co-operating surface after the forward stroke of the type lever until the complete release of the depressed key.

2,108,113
PROCESS OF PRODUCING CONDENSATION PRODUCTS OF METHYLOL COMPOUNDS OF UREA
Karl Eisenmann, Ludwigshafen-on-the-Rhine, and Hans Scheuermann, Oggersheim, Germany, assignors, by mesne assignments, to Plaskon Company, Incorporated, Toledo, Ohio, a corporation of Delaware
No Drawing. Application November 3, 1934, Serial No. 751,414. In Germany November 10, 1933
12 Claims. (Cl. 260—3)

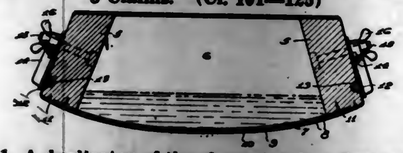
1. The process of producing a resinous condensation product from a methylol compound of a urea which comprises subjecting said methylol compound to an acid condensation in a monohydric alcoholic solvent containing up to 6 carbon atoms in the presence of an aliphatic alcohol containing more than 8 carbon atoms in its molecule, neutralizing the reaction mixture, expelling the solvent and heating the remaining resinous product to between about 80° and about 130° C. until it has become soluble in aromatic hydrocarbons.

2,108,114
METHOD OF HOODING, FILLING, AND CAPPING MILK BOTTLES
William G. Feard, Jr., Kalamazoo, Mich.
Application June 11, 1936, Serial No. 84,725
2 Claims. (Cl. 226—73)



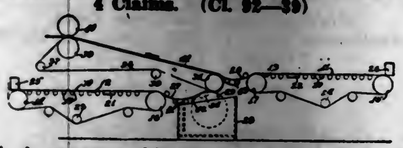
1. The method of hooding, filling and capping milk bottles having pouring lips and a cap seating shoulder comprising protecting said pouring lips and cap seating shoulder by placing on the bottle and over the pouring lips and cap seating shoulder thereof before filling the bottle a hood of paper or the like having a central aperture of a size smaller than the opening of the bottle, locating said aperture centrally of the opening of the bottle, fastening said hood in place on the bottle, filling the bottle, and then clamping the hood in place over the pouring lips and cap seating shoulder of the bottle, and sealing the bottle by inserting a disk cover into the neck of the bottle over the aperture in the hood and on the cap seating shoulder of the bottle.

2,108,115
HAND DUPLICATOR
Levi Foss, Wilmot, S. Dak.
Application August 13, 1936, Serial No. 95,888
5 Claims. (Cl. 101—125)



1. A duplicator of the character described comprising a sheet of metal shaped to form a longitudinally arcuate perforate bottom and side walls, a pair of wooden blocks constituting end walls which lie between and are secured to the side walls and the bottoms of which blocks are only partially covered by the metallic bottom, a blanket stretched over said metallic bottom and fastened to the uncovered portions of said blocks, a stencil sheet overlying said blanket, and means upon the end walls for engaging said stencil sheet, said means comprising rods having a seating in transverse grooves formed in the outer faces of said blocks, and means for forcing said rods toward and into said grooves and for holding them in place with respect to said grooves.

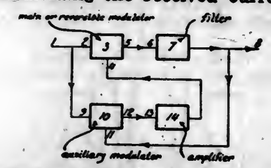
2,108,116
PAPER MAKING MACHINE
Henry Street Furminger, Appleton, Wis.
Application May 4, 1936, Serial No. 77,777
4 Claims. (Cl. 92—39)



1. A paper making machine including two spaced opposed Fourdrinier wires having their upper runs traveling toward each other, a cylinder mold in the space between the two wires, means for forming paper webs on said wires, means located to contact a bare web from one of the wires for guiding the web directly from the wire onto the cylinder mold, a looped felt above the cylinder mold and entirely in spaced relation above the wire delivering the web to the mold, said felt having its upper run traveling in a direction opposite to the direction of travel of the upper run of the wire therebeneath, a couch roll within the loop of said felt in pressure relation with the cylinder mold at a point located after the point where the Fourdrinier web is deposited on the mold to contact the felt against the web for picking up the web to travel with the felt around the couch roll and on the upper run of the felt and means located to contact the bare web from the other Fourdrinier wire for guiding said web directly from said wire onto the web already on the felt.

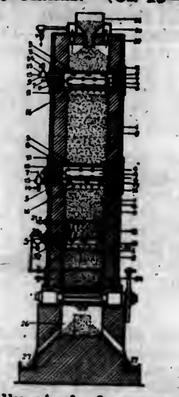
2,108,117
SIGNALING SYSTEM
Henri Gardere and André Paul Pages, Paris, France, assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y., a corporation of Delaware
Application January 24, 1936, Serial No. 60,607
In France June 6, 1935
2 Claims. (Cl. 250—20)

1. In a signaling system wherein signals are transmitted as modulations of the alternating carrier current and wherein there is utilized at the receiver for demodulation of the received signal energy a local unmodulated current of carrier frequency which is fed together with the received signal energy to a main modulator, the method of obtaining said local unmodulated current from the received modulated current, which consists in dividing the received current in two



parts, sending one of said parts to a receiver through the main modulator and through a filtering device, providing an auxiliary modulator, sending the other part of the received current to the said auxiliary modulator, sending to said latter modulator a part of the filtered current, and supplying the current modulated in the auxiliary modulator to the main modulator through an amplifying device.

2,108,118
METALLURGICAL FURNACE
William E. Greenawalt, Denver, Colo.
Application February 4, 1933, Serial No. 655,201
Renewed February 24, 1936
19 Claims. (Cl. 13—20)

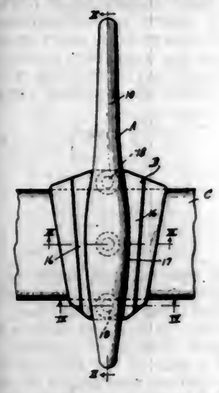


16. A metallurgical furnace comprising, a chamber adapted to contain the material to be treated, a hollow heating member within the furnace contacting with the material in the shaft, a heating element within the hollow heating member spaced out of contact with it, and means for introducing gaseous fluid into the hollow heating member and from there into the material in the furnace.

2,108,119
BUMPER GUARD
Jay H. Gould, Royal Oak, Mich., assignor to Oakes Products Corporation, Detroit, Mich., a corporation of Michigan
Application March 27, 1937, Serial No. 133,322
8 Claims. (Cl. 293—55)

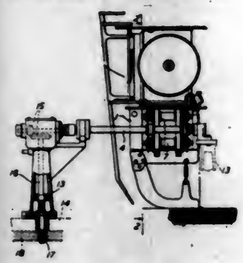
8. A guard assembly for bumper impact bars comprising a guard bar, a plate wider than said guard bar serving as a support and escutcheon, said plate being shaped at its front and rear

sides to fit the contour of said guard bar and the impact bar respectively, and means for securing



said guard bar to an impact bar with the plate clamped therebetween.

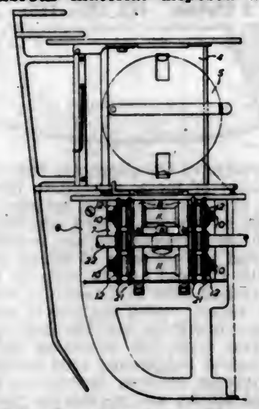
2,108,120
CIRCULAR LOOM
Frank Corbyn Hale, Spondon, near Derby, England, assignor to Celanese Corporation of America, a corporation of Delaware
Application May 16, 1936, Serial No. 80,177
In Great Britain July 2, 1935
2 Claims. (Cl. 139—13)



1. Circular loom of the type described, wherein each shuttle is positioned by means of vane wheels making engagement with one side of the shuttle at positions spaced apart with respect to the length of the shuttle and by means of a pair of rollers also spaced apart with respect to the length of the shuttle at positions providing for both rollers to oppose the thrust of the vane wheels and a circular race against which the rollers bear on the side of the shuttle remote from the vane wheels, the vane wheels and the pair of rollers being disposed symmetrically with respect to the shuttle.

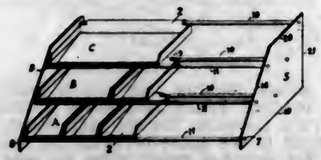
2,108,121
CIRCULAR LOOM
Frank Corbyn Hale and James Russell Yorke, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware
Application December 16, 1936, Serial No. 116,072
In Great Britain January 17, 1936
6 Claims. (Cl. 139—13)

1. Circular loom shuttle of the type which is positioned in the loom by vane wheels, comprising rotatable rollers adapted to be engaged by the vane wheels, each of said rollers being provided with a flange for receiving thrust from the side of a vane wheel and a separate flange of tough resilient fibrous material disposed adjacent to



the side of the thrust-receiving flange which contacts with the vane wheel, and spaced from said side to form an annular groove sufficiently wide to permit free entry therein of the edge of the vane wheel.

2,108,122
ASSEMBLY RACK
Gordon L. Hall, Old Lyme, Conn.
Application April 9, 1936, Serial No. 73,500
1 Claim. (Cl. 211—126)

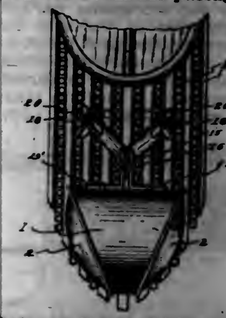


An assembly rack having flat metal ends for the attachment of cross pieces which act as supports for a plurality of rows of containers which, starting with the bottom row, are arranged successively higher and nearer the back of the rack, overlapping each other but leaving room at the front of each bin in any row for grasping an assembly part from it without interference from the bin next above said containers each being formed from a single piece of metal, and comprising a forward sloping bottom, sides sloping inward at their bottoms, an inward sloping front and a back, the forward lower ends of the sides being turned upon the front and the back ends of the sides being turned upon the back.

2,108,123
VEHICLE SIGNAL LIGHT
Walter Hux Hill, Chicago, Ill.
Application October 23, 1936, Serial No. 107,132
1 Claim. (Cl. 177—329)

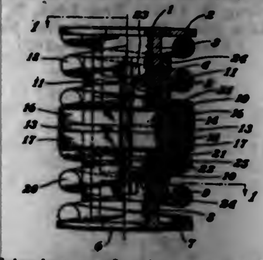
The combination with the vertical bars of the radiator shield of an automobile, of a wedge shaped casing, lenses arranged in the sides of said casing and provided with indicia, and a bracket for adjustably securing said casing to the vehicle, said bracket including angle pieces secured to the rear end of said casing and connected together, Y-shaped links adjustably connected to said angle pieces, said links being

formed with elongated slots in one end, screws having elongated heads for passage through said



slots and between the shield bars, and wing nuts for said screws.

2,108,124
CUSHIONING DEVICE
Roy C. Hobson, Cleveland Heights, Ohio, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a corporation of Ohio
Application January 21, 1936, Serial No. 60,056
15 Claims. (Cl. 267—9)



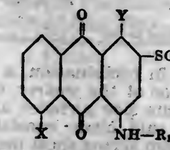
1. A cushioning mechanism comprising a pair of followers, friction shoes each engaging both of said followers, spring means surrounding said shoes and engaging an end of each follower and means cooperating with said spring means for transmitting pressure applied thereto inwardly against said shoes to force the latter into engagement with said followers.

2,108,125
CELLULOSE PRODUCTS AND METHOD OF MAKING
Samuel Isaac Heddesen, New Brunswick, N. J., and Roy Mackay Melkiejohn, New York, N. Y., assignors to General Chemical Company, New York, N. Y., a corporation of New York
No Drawing. Application December 5, 1935, Serial No. 53,002
11 Claims. (Cl. 260—146)

1. The method of preparing from cellulose fibers low viscosity cellulose, which directly on nitration by the method herein described yields a nitrocellulose of ½ second viscosity, which comprises removing non-cellulosic materials from the cellulose fibers, subjecting the resultant product to mercerization, and thereafter subjecting the mercerized cellulose to the action of a dilute alkaline solution having an alkalinity equal to at least ¼% of caustic alkali at a temperature between about 150° C. and about 200° C. for between about 3 and about 24 hours.

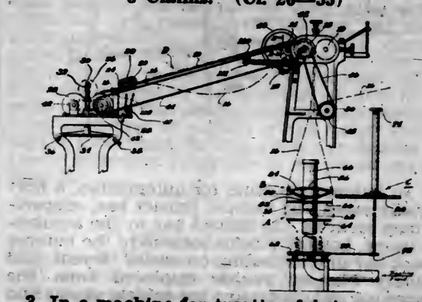
2,108,126
AZO-DYESTUFFS OF THE ANTHRAQUINONE SERIES
Ernst Honold, Frankfort-on-the-Main-Fechenheim, and Carl Taube, Wiesdorf, near Cologne-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application October 21, 1936, Serial No. 106,330. In Germany October 23, 1935
4 Claims. (Cl. 260—56.5)

1. The monoazo dyestuffs of the general formula:



wherein X stands for a member selected from the group consisting of hydrogen and acylamino, Y stands for a member selected from the group consisting of —NH_2 and —OH, R_1 stands for a radicle selected from the group consisting of the behzene and phenyl-pyrazolone series, R_2 means a radicle of the benzene series and R_1 and R_2 contain at least one member selected from the group consisting of hydrogen, —SO_3Na and —COONa, which dyestuffs dye wool from an acid bath olive-green to green shades of excellent fastness and possess affinity to cotton too.

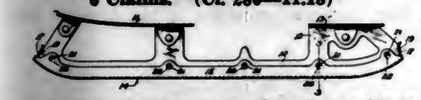
2,108,127
FABRIC TREATMENT AND APPARATUS THEREFOR
Maurice M. Kasanof, deceased, late of New York, N. Y., by Abraham Kriegel, Rockaway, Long Island, N. Y., and David R. Kasanof, Brookline, Mass., executors
Application October 25, 1935, Serial No. 46,736
5 Claims. (Cl. 26—55)



3. In a machine for treating fabrics, a vertical conduit provided with apertures arranged for the outward discharge of fluid therefrom, a platform rotatable in relation to said conduit adapted for gathering thereon the untreated fabric preparatory to treatment, means for guiding said fabric across the discharge of treating fluid so as to treat the same, means for receiving said treated fabric and for guiding it, said means being in the form of arms projecting outwardly from the conduit and serving to engage said treated fabric at spaced points on the circumference thereof, and thereby giving visible indication of angular displacements of said fabric, and manually operable means for rotating said platform positioned at a point removed from the platform from which angular displacement of

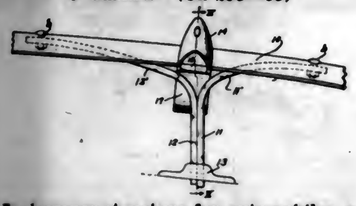
the fabric may be viewed as the fabric leaves said guiding means, whereby an attendant observing the travel of said fabric over said guiding means, may, by rotating said platform, correct any angular deviations of said fabric in its travel.

2,108,128
ICE SKATE
Frank W. Kinney, Groveland, Mass.
Application January 28, 1937, Serial No. 122,705
6 Claims. (Cl. 280—11.18)



1. A skate having, in combination, a blade for application to the shoe of the wearer, said blade having parallel opposite side surfaces, and a runner attachment for said blade consisting of a channel member of thin spring sheet metal molded to provide oppositely disposed resilient parallel side walls fitting flatwise directly against the opposite sides of said blade and to provide a bottom wall fitting directly against the bottom of said blade throughout the length thereof, the lower corners of said runner attachment being exteriorly sharpened, and means removably securing said attachment in position on said blade, said means comprising a plurality of sockets on one of said members and a plurality of studs on the other of said members, the latter being adapted to interlock with said sockets when the attachment is placed in position on said blade.

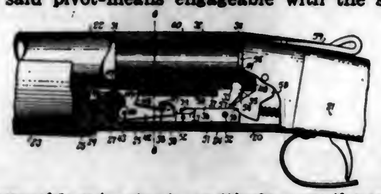
2,108,129
BUMPER GUARD STRUCTURE
Norman Y. Kristensen, Detroit, Mich., assignor to Oakes Products Corporation, Detroit, Mich., a corporation of Michigan
Application April 5, 1937, Serial No. 135,006
9 Claims. (Cl. 293—55)



1. In bumper structure for automobiles, a horizontally extending bumper impact bar, supporting bars securing the impact bar to the automobile frame, bumper guards secured to the bumper impact bar and extending crosswise thereof, and auxiliary bumper guards displaced from the bumper bar guards toward the vehicle wheels and extending a distance downwardly below the bumper bar guards to prevent bumper bars on other cars passing below the bumper bar guards from reaching the vehicle fenders.

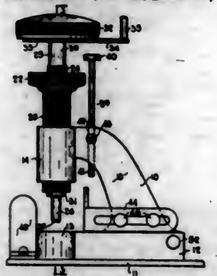
2,108,130
EXTRACTOR MECHANISM FOR BREAK-DOWN FIREARMS
George S. Lewis, New Haven, Conn., assignor to Winchester Repeating Arms Company, New Haven, Conn., a corporation of Maryland
Application February 7, 1935, Serial No. 5,417
6 Claims. (Cl. 42—46)

1. In a breakdown firearm, the combination with a butt-unit and a complementary barrel-unit having a cartridge-chamber; transversely-extending pivot-means pivoting the said barrel unit to the said butt-unit; of a reciprocable cartridge-extractor for extracting cartridges from the cartridge-chamber of the said barrel-unit; spring-means urging the said reciprocable cartridge-extractor into its cartridge-extracting position; a pivotal latch having a thrust-shoulder extending upwardly in a position rearwardly of the said pivot-means engageable with the said



reciprocable extractor to positively move the same and also having a detent rigid with respect to the said thrust-shoulder and releasably engaged with the extractor to restrain the movement of the same under the urge of the said spring-means; and means coacting with the said pivotal latch upon the breakdown of the firearm and swinging the said pivotal latch in a direction to engage its thrust-shoulder with the said extractor and to disengage its detent therefrom.

2,108,131
DRILLING MACHINE AND DEVICE
Myron H. Lewis, New York, N. Y.
Application May 23, 1935, Serial No. 23,064
3 Claims. (Cl. 164—101)

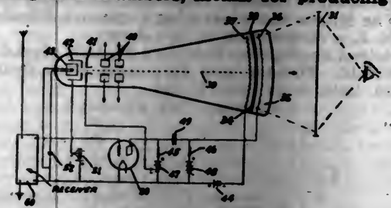


3. In a drilling machine, a base formed with a recess therein adapted to receive a somewhat soft material, a neck portion integral with said base, said neck portion terminating in a frame spindle, a clamping spindle mounted in the latter, and a hollow drill spindle operably mounted in said clamping spindle, said neck portion being formed with a vertical bore therein, a drill stop adjustably mounted in said bore, the upper end of said drill stop terminating in a knob, an operable knob upon the hollow drill spindle adapted to cooperate with the knob upon the drill stop, a detachable, hollow cutter mounted upon said drill spindle, said cutter having a cutting edge slightly smaller in diameter than the hollow conduit of the cutter and drill spindle, and means permitting adjustment of the material to be drilled, substantially as shown and described.

2,108,132
TELEVISION DEVICE
Luis A. Lera, Brooklyn, N. Y., assignor to Radio Patents Corporation, New York, N. Y., a corporation of New York
Application September 5, 1933, Serial No. 688,087
1 Claim. (Cl. 250—27.5)

A cathode ray device for receiving signal energy for transformation into picture images com-

prising a first evacuated chamber, a second chamber containing a light-producing gas, an insulating partition separating said chambers and having a plurality of conductive elements embedded therein forming a scanning mosaic, each of said elements forming a conducting path connecting said chambers, means for producing an



electron beam in said first chamber for scanning said mosaic, a metallic grid in said first chamber disposed opposite said mosaic and electrically charged to focus the electron beam upon the several elemental areas of said mosaic, and a grid-like anode in said second chamber disposed close to and opposite said partition.

2,108,133
PROCESS FOR PRODUCING HIGH MOLECULAR ALCOHOLS FROM THE CORRESPONDING KETONES
Francis John McCall, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application November 25, 1936, Serial No. 112,709
14 Claims. (Cl. 260—156)

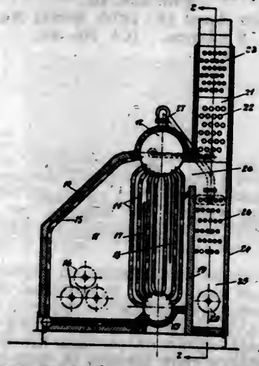
1. The process which comprises bringing a mixture of hydrogen and a saturated straight-chain aliphatic ketone having from 13 to 17 carbon atoms in contact with a highly active nickel catalyst at a temperature between 75° and 200° C.

2,108,134
SNOW PLOW
William A. McNulty, Chicago, Ill.
Application October 13, 1936, Serial No. 105,374
2 Claims. (Cl. 37—36)



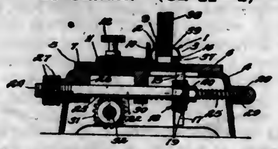
1. A snow plow comprising a guiding and supporting frame, a pair of flanger blades slidably mounted upon the said guiding and supporting frame and slidably guided thereby for movement into lowered or effective position and into raised or ineffective position, a pair of wings pivotally mounted upon the said guiding and supporting frame, one adjacent the outer end of each of the said flanger blades, for movement into extended or effective position and into folded or ineffective position, relative to the said flanger blades, and means for simultaneously moving both of the said flanger blades and both of the said wings into and out of their effective positions, said means including a rock shaft extending horizontally across the said frame rearwardly of the said flanger blades, a pair of horizontally spaced arms carried by the said rock shaft and extending forwardly from the said rock shaft above the said flanger blades, a pair of flexible elements each attached to one of the said arms and each attached to one of the said flanger blades, a second rock shaft extending horizontally across the said guiding and supporting frame rearwardly of and parallel to the said first-named rock shaft, means operatively interconnecting the said rock shafts, means operatively interconnecting each of the said wings to the said second-named rock shaft, and means for rocking the said shafts.

2,108,135
STEAM GENERATOR
Joseph J. Nells, Brooklyn, N. Y., assignor to Foster Wheeler Corporation, New York, N. Y., a corporation of New York
Application May 15, 1935, Serial No. 21,519
4 Claims. (Cl. 122—485)



2. A steam generating plant comprising a setting, a vertically extending partition in the setting forming a steam generating section and a superheating section, a steam generator in the steam generating section, a superheater in the superheating section and connected to the steam generator, separately controlled means for firing each section, and gas outlets from each section connected to a common offtake flue, the steam generator and the superheater being disposed ahead of the point of junction of the gas outlets from said sections with the common offtake flue with respect to the direction of flow of the gases passing from said sections, the arrangement being such that by control of the means for firing the superheater section alone any desired degree of superheat from zero to maximum may be obtained.

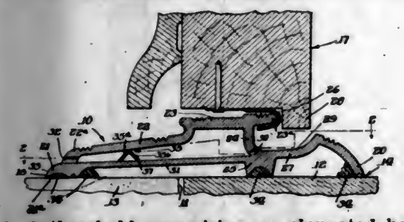
2,108,136
BINDING MACHINE
Christian B. Nelson and Isidore Spinner, Chicago, Ill., assignors, by mesne assignments, to Plastic Binding Corporation, Chicago, Ill., a corporation of Delaware
Application March 23, 1936, Serial No. 70,355
13 Claims. (Cl. 11—1)



11. A device of the class described, comprising in combination a working plate, a row of spaced-apart pins fixed thereto, a backing member disposed substantially parallel to said row of pins, means for adjusting said member relative to said

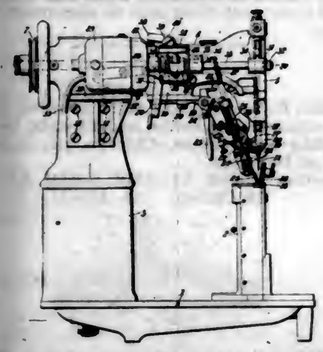
pins, said plate having a plurality of slots therein, said slots being disposed between said pins in spaced relation thereto and perpendicular to said row of pins, a plurality of spreader hooks supported in alignment by a common structure disposed beneath said plate, each of said hooks extending through one of said slots, respectively, means for actuating said hook supporting structure to move said hooks from a position adjacent said row of pins, spring means for returning said hooks to said position, and means for adjustably limiting the extent of said motion.

2,108,137
THRESHOLD
Philip R. Oftedal and Donald G. Kingsley, Chicago, Ill.
Application April 18, 1936, Serial No. 75,157
8 Claims. (Cl. 20—64)



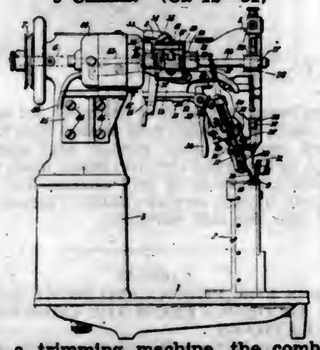
1. A threshold comprising an elongated body having inner and outer supporting flanges extending downwardly along its opposite edges, and providing a longitudinally extending upwardly facing trough adjacent to said inner flange, a water discharge port formed in said body adjacent to said outer flange but spaced a substantial distance above the lower edge of said flange, said port being located at a lower level than the bottom of said trough, and drainage means providing a devious outwardly sloping drainage path from said trough to said port.

2,108,138
SEWING AND TRIMMING MACHINE
Roy Stanley Painter, Hannibal, Mo., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Application February 27, 1936, Serial No. 66,012
14 Claims. (Cl. 112—127)



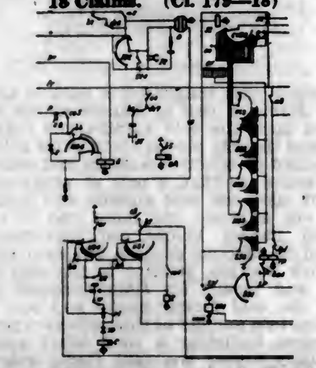
1. The combination with a sewing machine having a reciprocatory needle and needle-reciprocating mechanism, of a trimmer mechanism including a reciprocatory knife having effective work-severing movements adjacent said needle, and means operable independently of said needle-reciprocating mechanism for reciprocating said knife.

2,108,139
TRIMMING MACHINE
Roy Stanley Painter, Hannibal, Mo., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a corporation of New Jersey
Original application February 27, 1936, Serial No. 66,012. Divided and this application October 20, 1936, Serial No. 106,524
9 Claims. (Cl. 12—51)



1. In a trimming machine, the combination with means for supporting and marginally feeding sheet material work in the plane thereof, of trimming means including a reciprocatory ply-trimming element having a work-severing cutting edge substantially parallel to the line of feed, and means to vary the work-advancing speed of the feeding means relative to the frequency of reciprocation of the trimming-element without stopping the machine.

2,108,140
TELEPHONE SYSTEM
William George Patterson and Reginald Griffith Dixon, London, England, assignors to Siemens Brothers & Company Limited, London, England
Application February 12, 1936, Serial No. 63,612
In Great Britain March 18, 1935
18 Claims. (Cl. 179—18)



1. In a register sender, numerical registers for registering the numerical digits of called subscriber's telephone numbers, a plurality of office registers for registering the office code digits of the called numbers, means responsive to a call

for taking one of said numerical registers into use and for connecting one of said office registers with said numerical register, a stepping switch associated with said office registers, registers in said office register operated responsive to the receipt of the office code digits of a called number for marking said stepping switch in accordance with the office code digits received, said stepping switch operated step-by-step in search of said marking, an output impulsing circuit associated with said numerical register, an impulsing device associated with said impulsing circuit operated in step with said stepping switch for interrupting said impulsing circuit, means for transmitting a signal from said office register in response to said switch finding said marking, and means responsive to said signal for rendering further operation of said impulsing device ineffective to interrupt said impulsing circuit.

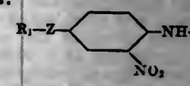
2,108,141
LIQUID FUEL BURNER
George W. Pontius, Jr., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill., a corporation of Illinois
Application January 2, 1936, Serial No. 57,114
2 Claims. (Cl. 299—142)



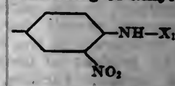
2. A liquid-fuel burner comprising a part having a convex upper surface with its outline having two sides meeting in a sharp angle and with sharp peripheral edges, means for discharging liquid fuel onto the highest part of said surface to flow toward said edges, and means for blowing a stream of air across said surface toward said sharp angle to take up said fuel.

2,108,142
ACID WOOL DYESTUFFS
Heinrich Ritter, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application August 12, 1936, Serial No. 95,623. In Germany August 13, 1935
4 Claims. (Cl. 260—64)

1. The acid wool dyestuffs of the general formula:

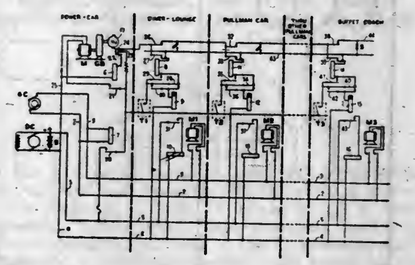


wherein R_1 stands for a member selected from the group consisting of alkyl, cycloalkyl, aryl and



Z stands for a member selected from the group consisting of SO_2, CO, SO_2-aryl-SO_2 and CO-aryl-CO, n stands for the number 1 or 2, X_1 stands for a member selected from the group consisting of aryl-NH-aryl, cycloalkyl-NH-aryl (aryl meaning in each occurrence of the above significations a radicle selected from the group consisting of the benzene and naphthalene series), which dyestuffs dye animal fibers various shades of very good levelling power and fastness properties, partly of an excellently good fastness to light, partly of an especially good fastness to washing, ironing, sea water and perspiration.

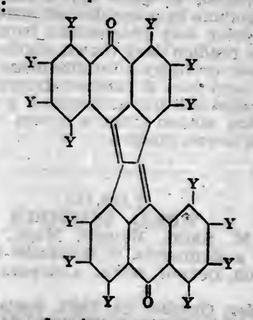
2,108,143
MOTOR STARTING SYSTEM
Norman H. Saunders, Chicago, Ill., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill., a corporation of Delaware
Application August 2, 1935, Serial No. 34,355
11 Claims. (Cl. 172—239)



4. In a motor starting system, a plurality of motors, a start control circuit, means for sending spaced impulses over said circuit, individual starting switches for said motors, and means for causing each of a plurality of successive impulses to operate a different starting switch.

2,108,144
VAT DYESTUFFS CONTAINING NITROGEN AND PROCESS OF MAKING SAME
Heinz Scheyer, Frankfort-on-the-Main, and Emil Schwamberger, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application October 4, 1935, Serial No. 43,508. In Germany October 10, 1934
5 Claims. (Cl. 260—61)

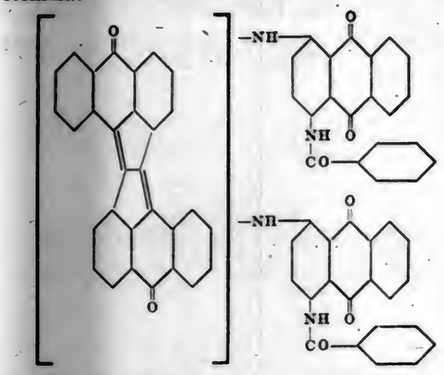
2. Vat dyestuffs containing nitrogen of the general formula:



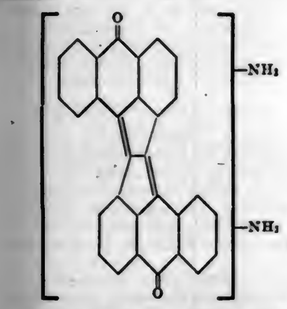
obtained by condensing aminocompounds containing no more than two aminogroups in the positions signified in the above formula by Y with halogen compounds containing at least one replaceable halogen atom and a member of the group consisting of the anthraquinone, violanthrone and anthanthrone radicles, corresponding to the above formula when one or two radicles signified by Y are radicles of the grouping —NH—A, wherein A means a member of the group consisting of the anthraquinone, violanthrone and anthanthrone radicles, the remainder being hydrogen, which dyestuffs dye cotton from the vat in most cases brown shades which turn

more towards yellow when the dyestuffs are aftertreated with condensing agents.

3. A vat dyestuff containing nitrogen of the formula:



obtained by condensing a diamino compound of the formula:



with 1 - chloro - 4 - benzoylaminoanthraquinone, which dyestuff is when dry a black crystalline powder, soluble in concentrated sulfuric acid with a violet color and dyes cotton from a brownish violet vat reddish dark brown shades, which dyestuff is converted by aftertreatment with chlorosulfonic acid into a further dyestuff, soluble in concentrated sulfuric acid with a pure blue color and dyeing cotton from a brown vat very fast yellowish brown shades.

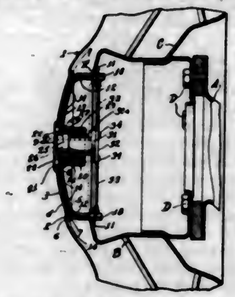
2,108,145

WHEEL ASSEMBLY

Bladen M. Short, Detroit, Mich., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich., a corporation of Michigan

Application October 21, 1933, Serial No. 694,541
9 Claims. (Cl. 150—54)

1. In combination with a spare wheel support having means accessible from the front through the wheel hub for mounting the spare wheel: releasable guard means for preventing access to said mounting means, mechanism for locking the guard means in operative position against unauthorized release, said mechanism comprising movable means arranged to be spaced from the hub to enable the guard means to be applied to and removed from the hub, or to be disposed behind a part of the hub and cooperate with the guard means in straddling a part of the hub to lock the guard means thereon, as desired, and key-controlled means movable axially and cooperating with the first movable means so as to



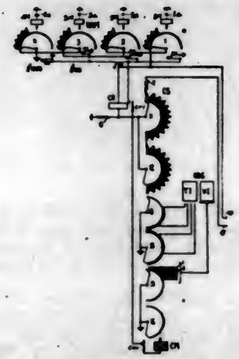
cause the first movable means to occupy selectively either of said positions.

2,108,146

RATIO COMPUTER

Lancelot Martin Simpson, Thorner, near Leeds, England, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England

Application August 26, 1930, Serial No. 477,806
In Great Britain August 27, 1929
3 Claims. (Cl. 235—61)



1. Ratio indicating apparatus for indicating the inverse ratio of each of a plurality of variable factors to the sum total of all of the said factors, said apparatus consisting of a Wheatstone bridge for each variable factor comprising two pairs of ratio arms, means individual to each bridge for varying the resistance of one arm of the first pair in proportion to the corresponding variable factor, common means for simultaneously varying the resistance of the other arm of the first pair of all bridges in proportion to the sum total of all variable factors, a multiposition switch, having a normal position, associated with each bridge circuit, means for automatically operating said switch when a change in resistance in either or both of the arms of the first pair takes place to vary the resistance of one arm of the second pair in units of a fixed resistance until said bridge is balanced, the number of units by which the resistance is varied corresponding to the number of positions in which said switch comes to rest from its normal position, said number of units or the position in which said switch comes to rest indicating the desired ratio.

2,108,147

PRODUCTION OF AMINES

Walter Speer, Ludwigshafen-on-the-Rhine, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application September 8, 1934, Serial No. 743,310. In Germany September 9, 1933
8 Claims. (Cl. 260—127)

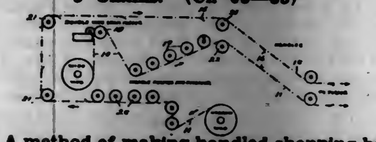
1. The process of producing amines containing at most one hydrogen atom attached to an amino nitrogen atom which comprises causing a carbonyl compound selected from the group consisting of ketones and aldehydes to act at a temperature between about 100° and about 350° C. in the presence of a non-cyclic, saturated alkyl ester of formic acid on an amine containing from 1 to 2 hydrogen atoms attached to an amino nitrogen atom.

2,108,148

METHOD OF MAKING HANDLED SHOPPING BAGS

Harford K. Steen, Newburgh, N. Y.

Original application December 5, 1935, Serial No. 52,955. Divided and this application November 2, 1936, Serial No. 106,824
5 Claims. (Cl. 93—35)



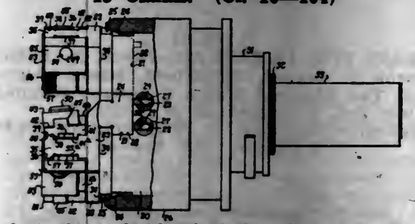
1. A method of making handled shopping bags, which consists in causing bag making webs to travel in parallel relation, and applying an adhesive to one or more of the parallel edges of said webs for subsequently securing said webs together in the form of a tube, of forming cord handles of different widths and attaching the same to the webs, tubing the webs and bottoming into a bag so that said handles will lie in a nested position, one within the other when the bag is folded.

2,108,149

CHASER HOLDER FOR DIE HEADS

Royce M. Strickland, New Haven, Conn., assignor to The Geometric Tool Company, New Haven, Conn., a corporation of Connecticut

Application June 24, 1936, Serial No. 86,919
15 Claims. (Cl. 10—104)



1. A chaser-holder including in combination: a holder-body designed and adapted to be mounted in a die-head and having chaser-locating means thereon; a slide-like chaser-backing member adjustably mounted upon the said holder-body with capacity for bodily rectilinear movement toward and away from the work relative to the holder-body and having chaser-locating means engageable with the said chaser-locating means of the said holder-body; and clamping-means serving to clamp the said chaser-backing member against the said holder-body and to maintain the chaser-locating means of the said chaser-backing member in interlocking engagement with the similar means of the said holder-body.

2,108,150

SIGHT FOR FIREARMS

Carl G. Swebilius, New Haven, Conn.

Application March 12, 1936, Serial No. 68,438
4 Claims. (Cl. 33—56)



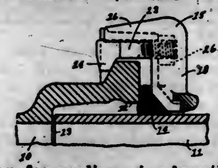
1. In a firearm, a sight having a cylindrical head slidably and rotatably mounted in a groove in the firearm, a pair of plungers in a bore traversing said groove, said plungers being on opposite sides of said head, a spring pressing each plunger into engagement with said head, means on said head whereby said plunger may lock the same in adjusted positions, and a screw threaded into said bore for adjusting the pressure applied by said springs to said plungers.

2,108,151

CLAMP

Ralph J. Teeter, Cadillac, Mich.

Application August 17, 1934, Serial No. 740,251
3 Claims. (Cl. 285—119)



1. A clamp for sealing pipe lengths having bell and spigot connecting ends against leakage at their joints comprising a plurality of segmental links, one end of each link having a hooked portion and the other end of each having a reversely hooked portion adapting the several links to be detachably interlocked together and each of said links having a flanged portion adapted to overhang the bell end portion of a pipe length and to engage a packing ring disposed adjacent the connecting ends of the pipe lengths, and tightening means operatively associated with the links adapted to tensionally engage against the bell end portion of the pipe length for effecting pressure on the packing ring to seal the pipe joint between the two lengths of pipe.

2,108,152

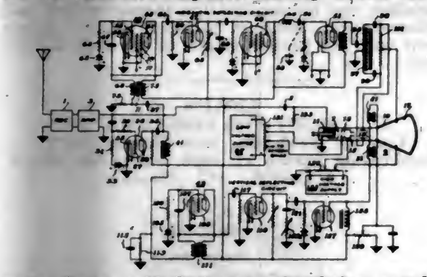
ELECTRICAL CONTROL APPARATUS

William A. Tolson, Westmont, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application June 26, 1934, Serial No. 732,415
4 Claims. (Cl. 250—36)

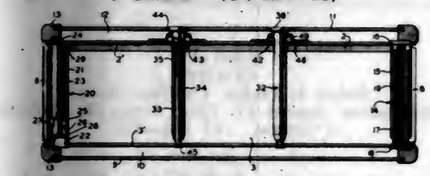
1. In combination, a generator of electrical impulses comprising an electric discharge tube having a control grid and having plate and grid circuits coupled to make said tube tend to oscillate, means for applying a biasing potential to said grid such that said generator can oscillate to produce an electrical impulse only in response to receiving a potential on said grid from a source external

to said oscillator, and a non-oscillatory generator of electrical impulses having a saw-tooth



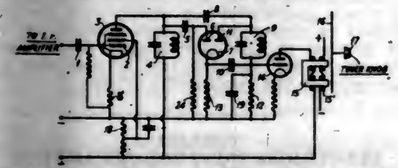
wave shape, said first generator being coupled directly to said second generator.

2,108,153
LOOSE LEAF BINDER
Paul O. Unger, Elmhurst, Ill., assignor to Wilson-Jones Company, Chicago, Ill., a corporation of Massachusetts
Application October 14, 1935, Serial No. 44,830
7 Claims. (Cl. 129—13)



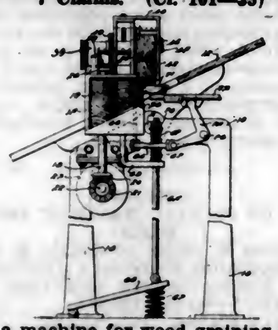
3. In a loose leaf binder, a plate member, a flanged member secured to said plate member with its flange spaced therefrom, and a headed post provided with a projection below the head of said post, said projection being adapted to be positioned between said plate member and said flange.

2,108,154
RECEIVER TUNING CIRCUITS
Carel Jan van Loon, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands, a corporation of the Netherlands
Application July 30, 1936, Serial No. 93,354
In Germany October 26, 1935
11 Claims. (Cl. 250—40)



1. In combination with the adjustable tuner element of a radio receiver, means to control adjustment of the tuner element, a control network for said means comprising a pair of rectifiers, a resonant signal input circuit, tuned to a desired signal frequency, coupled to one rectifier, a second signal input circuit, tuned to said desired frequency coupled to the second rectifier, the selectivity at the second circuit being greater, means for impressing signals on said signal circuits, means responsive to current flow in said one rectifier for preventing current flow in the second rectifier until the signal amplitude at the second input circuit attains a desired value, and means responsive to current flow in the second rectifier for controlling the operation of said first means.

2,108,155
WOOD GRAINING APPARATUS
Roy E. Woolems, Detroit, Mich., assignor to Parker-Wolverine Company, Detroit, Mich., a corporation of Michigan
Application March 1, 1937, Serial No. 128,475
7 Claims. (Cl. 101—35)

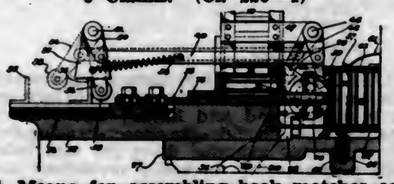


1. In a machine for wood graining molding, a pair of transfer rolls, means for supporting a molding to be grained with respect to said rolls, and means for effecting movement of one of said rolls and said supporting means to bring said rolls simultaneously into engagement therewith.

2,108,156
PROCESS FOR THE PRODUCTION OF KETONES
Charles G. Wortz, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 2, 1937, Serial No. 123,604
17 Claims. (Cl. 260—134)

1. The process for the decarboxylation of a carboxylic group to a ketone group which comprises bringing a monocarboxylic compound selected from the class consisting of alkyl, aralkyl, and hydrogenated aralkyl monocarboxylic acids and esters of said acids in the vapor phase, at a temperature between 250° and 500° C., in contact with a chromite of a metal selected from the class consisting of manganese and zinc.

2,108,157
MEANS FOR ASSEMBLING BOOK MATCHES
Joseph E. Zomnir, Springfield, Mass., assignor to The Diamond Match Company, Wilmington, Del., a corporation of Delaware
Application November 14, 1936, Serial No. 110,854
6 Claims. (Cl. 226—4)



1. Means for assembling book matches each having a cover which presents a smooth back and a free edge front fold, comprising means for supporting a stack of books with the head ends of alternate books reversed and the fronts of the books of each alternate pair facing the same way (upward or downward), means for feeding the books in succession, means including an oscillatory book receiving and supporting element into which each succeeding book is radially delivered sidewise in the same path by the feeder, and means for oscillating said element to swing the books clockwise and counterclockwise in alternate succession through a determined path before their successive discharge from the said element, whereby the endwise reversed books are also sidewise reversed with the smooth back of each book in opposed relation to the front of the adjacent book.

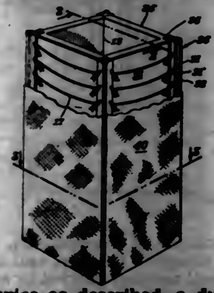
2,108,158
ORNAMENT CONSTRUCTION
Ralph C. Bangs, Providence, R. I., assignor to Lee K. Stupell
Application February 14, 1935, Serial No. 6,529
10 Claims. (Cl. 40—140)



1. In combination, an ornament having lock points, a base element having a space for receiving said ornament, and a plurality of adjacent aligned fingers extending from said base element into said space, each finger having an opening with resilient edges.

3. In an ornament construction, circular recesses in the rear surface thereof, and points having conical bases and heads tapering towards the head end, said bases being locked in said recesses.

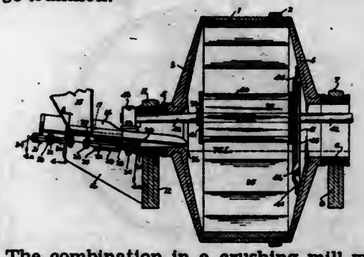
2,108,159
AIR CONDUIT
Waldemar J. Barman, Los Angeles, Calif.
Application July 6, 1937, Serial No. 152,228
8 Claims. (Cl. 138—63)



1. In a device as described, a duct for transmission of air or the like having angular corners and a covering of heat insulation combined with rigid angle devices secured outside of the insulating cover in alignment with the angular corners of the duct and an outside covering of fabric or the like stretched over said angle devices.

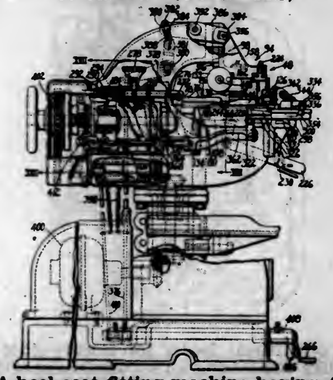
2,108,160
CRUSHING MILL
William A. Beaudry, Wallace, Idaho
Application November 9, 1935, Serial No. 49,045
4 Claims. (Cl. 83—11)

3. The combination in a crushing mill of the horizontal axis type having tapering heads and trunnions therein, of an annular flange surrounding the intake trunnion and adapted to deflect falling material toward the center of the drum, an annular deflecting ring concentrated with the discharge trunnion and mounted on one of said heads, a rotary bat mounted within the drum between said flange and ring and a stationary baffle plate mounted between said ring and discharge trunnion.



4. The combination in a crushing mill with a rotary drum, of a rotary bat therein, said bat being of cruciform shape in cross section and comprising angular plates forming grooves, said plates arranged in pairs, the adjoining edges of each pair of plates having a wear-bar and means for fastening said bar to said adjoining edges, and said bat having circular heads at its opposite ends forming end walls for the grooves.

2,108,161
HEEL-SEAT FITTING MACHINE
Earl A. Bessom, Meadville, Pa., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application January 14, 1937, Serial No. 120,603
77 Claims. (Cl. 12—31.5)

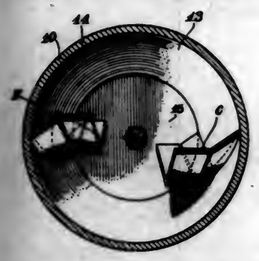


1. A heel-seat fitting machine having, in combination, a pair of knives movable in converging paths, one of said knives having a leading cutting edge which is arched transversely of its path of movement and the other knife having cutting edges which are arched transversely of their respective paths of movement and are spaced from each other lengthwise of said paths, and mechanism for operating the knives.

2,108,162
BUTTER CHURN
Frank G. Clark, Minneapolis, Minn.
Application September 13, 1935, Serial No. 40,447
7 Claims. (Cl. 259—89)

1. A butter churn or the like, comprising a rotatable body portion having a chamber therein

for receiving the cream or liquid to be churned, plow shelves positioned within said body and held stationary with the inner wall of said body and extending throughout the length thereof, said plow shelves being spaced apart circumferentially on the inner surface of said body and having a



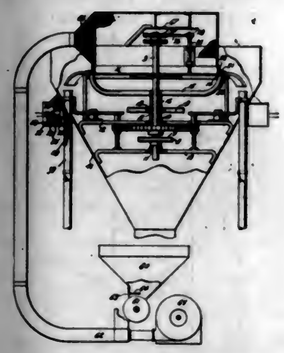
central apex portion ahead of the ends thereof during rotation to equalize the churning load within said churn, thereby dividing and equalizing the churning strain on the shelves and against the wall and ends of said churn throughout the operation thereof.

2,108,163

CENTRIFUGAL FEEDING DEVICE

Ralph R. Clark, Lancaster, Pa., assignor to Armstrong Cork Company, Lancaster, Pa., a corporation of Pennsylvania

Application January 29, 1935, Serial No. 3,993
11 Claims. (Cl. 221—136)



1. A centrifugal feeder for closure liner disks or the like comprising an accumulating and conveying member adapted to receive and convey a single series of disks disposed thereon and freely movable therewith, a centrifuging member coaxial with said accumulating and conveying member adapted to move disks fed heterogeneously thereto onto the member, and means for rotating said conveying member and centrifuging member at different speeds.

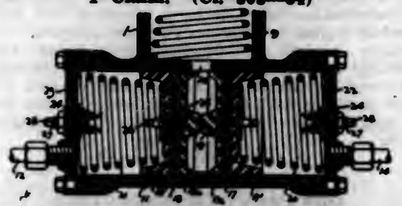
9. In a feeding device, the combination of means for centrifuging and conveying articles to a feed chute, a skimmer guard adapted to prevent radial movement of articles on said conveying means, a shaft mounted adjacent the leading edge of the skimmer guard and lying substantially parallel to the edge thereof, means on the shaft adapted to urge articles coming into contact therewith away from the guard and means for rotating the shaft.

2,108,164

HYDRAULIC BRAKING SYSTEM

Leroy Cornwell, Spokane, Wash., assignor of one-half to Paul H. Hull, C. Herman Redell, and Rollen F. Stewart, Spokane, Wash.

Application May 1, 1936, Serial No. 77,294
1 Claim. (Cl. 303—84)



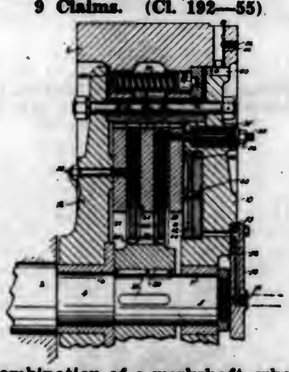
In a hydraulic braking system, the combination of a distributing cylinder having removable heads and brake-pressure pipes connected thereto, a pair of spaced floating pistons having abutting bosses to provide a central space, an inlet port and an outlet port communicating with said space, said outlet port communicating with a duct in a longitudinal wall of the cylinder and said duct having ports opening into the cylinder adjacent its opposite ends, and a three-way valve in said duct at each side of said outlet port for controlling passage of pressure-fluid therethrough.

2,108,165

COMBINATION SAFETY SLIP AND DRIVE MECHANISM

William W. Criley, Cleveland, Ohio

Application August 15, 1935, Serial No. 36,317
9 Claims. (Cl. 192—55)



1. A combination of a workshaft, wheel carrying elements mounted thereon and spaced apart, a heavy flywheel member carried by said elements, a friction clutch between said elements and within said flywheel member, with a safety friction means between said elements and the flywheel, and springs of predetermined modulus exerting pressure against said safety friction means.

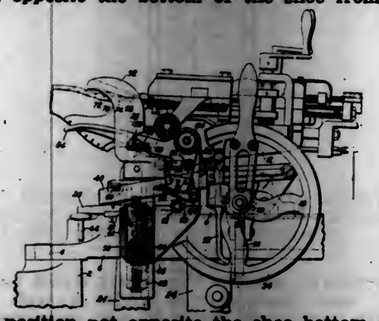
2,108,166

LASTING MACHINE

René E. Duplessis, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey

Application April 13, 1937, Serial No. 136,642
26 Claims. (Cl. 12—14)

1. In a lasting machine, the combination with means for wiping the marginal portion of an upper around an end of a shoe inwardly over an insole and against a lip on the insole, of a holddown for engaging the insole and supporting the lip against the inward pressure of the wiping means, said holddown being movable to a position opposite the bottom of the shoe from an



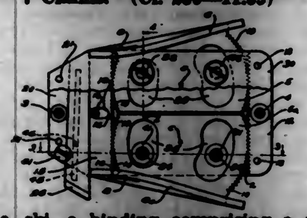
idle position not opposite the shoe bottom and thereafter further movable heightwise of the shoe into engagement with the insole, and means for imparting to the holddown in such further movement heightwise of the shoe a movement lengthwise of the shoe toward the lip of the insole.

2,108,167

SKI BINDING

Sidney Gerber, Seattle, Wash.

Application June 20, 1936, Serial No. 86,327
7 Claims. (Cl. 280—11.35)



2. In a ski, a binding comprising a pair of oppositely related clamp plates mounted on the ski runner and adjustable from and toward each other; each plate having an upturned flange along its outer edge and having serrated opposite end edges curved about an intermediate center point, a cross bar fixed on the ski and having a toothed edge adapted to be engaged by corresponding toothed end edges of said clamp plates, a locking bar movably fixed on the ski transversely thereof and having a toothed edge adapted to interlock with the other ends of said clamp plates, an abutment bar fixed across the ski and a tapered wedge bar interposed between the abutment and locking bar, and adjustable to secure or to release the locking bar from holding engagement with the clamp plates.

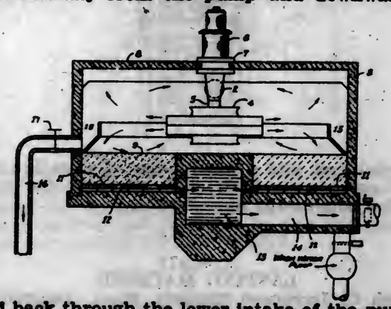
2,108,168

DEVICE FOR CLARIFYING LIQUIDS

Harry N. Jenks, Berkeley, Calif.

Application December 26, 1933, Serial No. 703,903
3 Claims. (Cl. 210—123)

1. A water treatment unit comprising a chamber having an inlet for raw water and coagulant in its upper portion and an outlet for treated water at its base, a filter bed located in the lower portion of the chamber and supporting a mass of water that extends from the upper surface of said filter bed to the upper part of the chamber, a trough extended around the inner circumference of the chamber and situated above the filter bed, means comprising a double-suction pump for producing prolonged circulation of the water and coagulant laterally from the pump toward the inlet edge of the trough and thence upwardly and back through the upper intake of the pump and for producing similar circulation laterally from the pump and downwardly



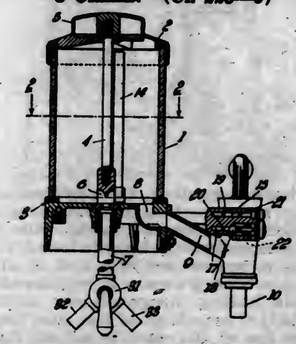
and back through the lower intake of the pump, and means for producing at intervals a reverse flow of filtered water upwardly through the filter bed, heavier impurities being thrown by centrifugal force into the above mentioned trough as a result of the circulation produced by said pump.

2,108,169

DEVICE FOR DISPENSING AERATED LIQUIDS

Edgar John Jofeh and Jacques Gregoire Trilling, London, England

Application August 28, 1935, Serial No. 38,179
In Great Britain October 10, 1934
8 Claims. (Cl. 225—9)



7. A device for dispensing aerated liquids comprising a container, a supply pipe for liquid under pressure in open communication with the lower part of said container, a liquid delivery passage communicating with the lower part of said container, a supply passage for gas under pressure communicating with the upper part of said container, and valve means for opening either the liquid delivery passage or gas inlet passage to discharge the liquid from the container either through the liquid delivery passage or through the liquid supply pipe.

2,108,170

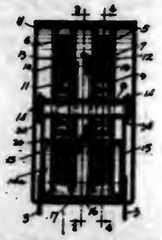
ELECTRICAL CORD EXTENSION DEVICE

John W. Johnson, St. Maries, Idaho

Application February 11, 1936, Serial No. 63,887
2 Claims. (Cl. 173—367)

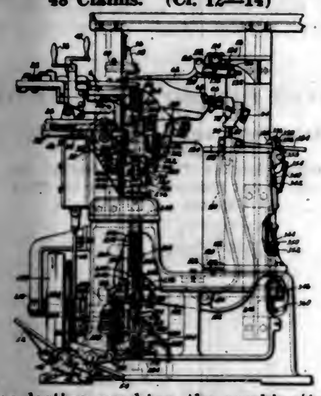
1. In an extension-device for electric-cords, the combination with a pair of spaced oppositely

rotatable, spring-wound, opposed reels each having a conductor ring, of a spring blade mounted



on each reel, and a brush mounted on each blade and each brush frictionally engaging the conductor ring on the opposite reel.

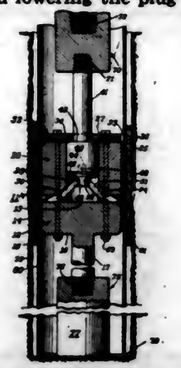
2,108,171
LASTING MACHINE
Jacob C. Jorgensen, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application April 12, 1937, Serial No. 136,373
48 Claims. (Cl. 12—14)



1. In a lasting machine, the combination with toe-lasting means, of shoe-positioning means mounted for swinging movement with a shoe about an axis extending heightwise of the shoe in a location nearer the heel end of the shoe than said toe-lasting means in response to pressure of said lasting means on one side or the other of the toe exteriorly of the shoe bottom to permit the toe of the shoe to adjust itself laterally to the lasting means.

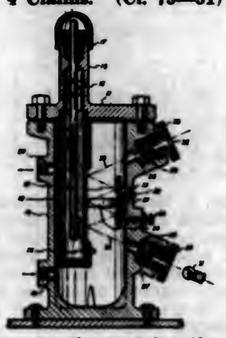
2,108,172
CASING PERFORATOR
Charles B. Margrave, Los Angeles, Calif., assignor of one-half to Albert I. Breslow, Los Angeles, Calif.
Application January 11, 1937, Serial No. 120,026
10 Claims. (Cl. 164—0.4)

1. A casing perforator comprising in combination a substantial block assembly having diametrically opposite straight transverse guide openings and a central bore connected thereto, perforators rectilineally slidably mounted in the openings, a plug slidably mounted in the bore, toggle links, means connecting the toggle links between the plug and the perforators, a supporting means connected to the lower end of the block assembly for supporting the block in a desired position in a well casing, means attached to the plug for connection to a string of drill pipe for raising and lowering the plug whereby when



the plug is elevated the perforators are retracted and when the plug is lowered said perforators are forced outwardly to perforate the casing.

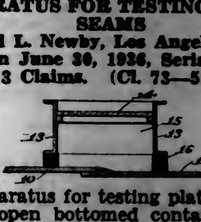
2,108,173
APPARATUS FOR DETERMINING DEW POINT OF GASES
Armor B. Martin, Butte, Mont., and Henry N. Wade, Los Angeles, Calif.
Application November 28, 1936, Serial No. 113,270
4 Claims. (Cl. 73—51)



4. Apparatus for determining the dewpoint of a gas, comprising: a heat-conductive wall having a permanent light reflecting surface formed thereon; means for projecting a light beam onto said surface; means for causing said light beam to be repeatedly reflected from said surface; means for contacting said gas with said reflecting surface; means for progressively cooling said wall; means for determining the momentary temperature of said wall, and means for observing a change in the intensity of said repeatedly reflected light beam.

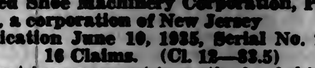
2,108,174
APPARATUS FOR SHOOTING WELLS
Orland C. Mays, Wink, Tex.
Application August 15, 1936, Serial No. 96,182
7 Claims. (Cl. 102—4)

1. An anchor comprising an upper member having a central conical bore; a lower member in axial alignment therewith having a bail supporting element formed on its lower surface; a plurality of circumferentially disposed flukes pivoted about the lower end of said upper member; a like plurality of links radially positioned in alignment with said flukes, one end of each link being pivotally connected to one of said



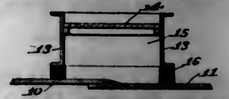
flukes intermediate its ends, and the other end of each of said links being pivotally connected about the periphery of said lower member.

2,108,175
WAIST BAND ADJUSTMENT FOR GARMENTS
Harry E. Miller, East Cleveland, Ohio
Application May 22, 1936, Serial No. 81,222
1 Claim. (Cl. 2—237)



A garment having front and rear sections to form a side seam, a side pocket with an entrance opening at said seam, said seam terminating below the upper end of said opening to form a placket, a waistband attached to said garment having a portion attached to the front section thereof and outwardly overlapping another portion that is secured to said rear section, the overlapping portion forming an extension that extends beyond the upper end of said pocket opening, a substantially triangular piece secured to the lower edge of said extension and having one side secured to the edge of the bottom facing of said side pocket and to the garment above said pocket, forming a flap adapted to overlie the rear section of said garment; said rear portion of the waistband having a plurality of fastening means at the side and said extension of the front portion of the waistband having a single fastening means adapted to selectively engage any one of said first-named fastening means to hold the parts together and to provide adjustability of the waistband and the garment, said fastening means being exteriorly accessible.

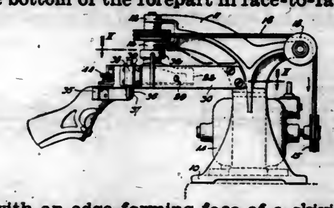
2,108,176
APPARATUS FOR TESTING PLATE SEAMS
Howard L. Newby, Los Angeles, Calif.
Application June 30, 1936, Serial No. 88,161
3 Claims. (Cl. 73—51)



1. An apparatus for testing plate seams, comprising an open bottomed container having a transparent wall and having a deformable gasket, means for creating a partial vacuum in the container, and means for determining that a partial vacuum exists within the container.

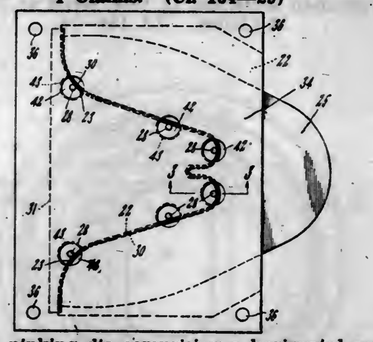
2,108,177
METHOD OF AND MACHINE FOR TRIMMING
William H. Nutt, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application June 10, 1935, Serial No. 25,766
16 Claims. (Cl. 12—33.5)

1. That improvement in methods of skiving the pleats from the toe of the overdrawn margin of upper materials that confront the bottom of the insole of a lasted shoe which consists in placing the unpleated portions of said margin at the sides of the bottom of the forepart in face-to-face con-



tact with an edge-forming face of a skiving element while the pleats at the toe of the shoe lie beyond the skiving edge, and moving the shoe lengthwise heel-end foremost to feed the pleats at the toe against the skiving edge.

2,108,178
APPARATUS FOR TRIMMING OR PINKING LEATHER OR THE LIKE
Stig E. Rosenberg, Brockton, Mass.
Application February 24, 1936, Serial No. 65,200
4 Claims. (Cl. 164—29)



1. A pinking die comprising a horizontal supporting table for a piece of leather, said table having a beveled edge portion similar in contour to the edge portion of the leather to be trimmed, gage pins engageable by said edge portion of the leather, means supporting said gage pins adjacent to said beveled edge portion of said table, a knife-supporting plate yieldingly mounted over said table, a knife mounted on the under side of said plate, and means guiding said plate so that downward movement thereof brings said knife into contact with said beveled edge of the table, said plate having apertures therethrough above said gage pins to permit sighting of said pins and the portions of the work adjacent thereto.

2,108,179
BEAN SNIPPING MACHINE
Frank P. Ryder, deceased, late of Niagara Falls, N. Y., by Stephen M. Ryder, executor, Niagara Falls, N. Y., assignor to Chisholm-Ryder Company, Inc., Niagara Falls, N. Y., a corporation of New York
Original application January 10, 1933, Serial No. 651,032. Divided and this application May 4, 1936, Serial No. 77,885
4 Claims. (Cl. 146—86)

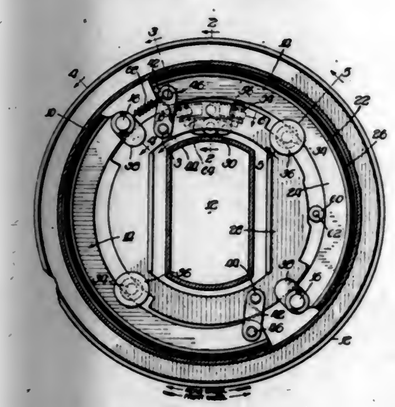
1. In a bean snipping machine having a cylindrical shell mounted to rotate on an axis approximately horizontal having its sides provided with

perforations adapted to permit the tips of bean pods to protrude, a knife extending lengthwise of the cylindrical shell having its cutting edge in contact with its exterior surface in position to cut off tips protruding from said perforations and means for supporting and reciprocating the



knife comprising a longitudinally extending rod having means at one end for reciprocating it longitudinally and having at its other end a bearing sleeve adapted to permit the rod to rotate and to reciprocate longitudinally and a holder for the bearing supported in a swivel bearing.

2,108,180
BRAKE
Albert A. Schramm and Arthur A. Schramm, Chicago, Ill.
Application September 14, 1934, Serial No. 743,935
11 Claims. (Cl. 188—78)

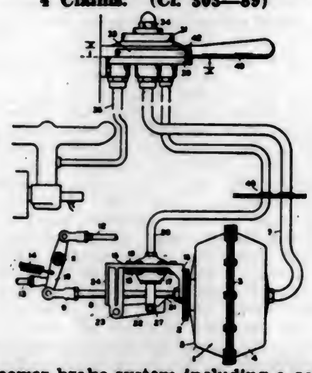


1. A brake including: a brake support; a pair of identical brake shoes pivotably anchored to said support at widely spaced points and extending in the same circumferential direction from said points; and means for applying said shoes against the drum including: an applicator member, means for operating said applicator member by rotating it about a point between the free ends of said shoes, and a link extending in the same circumferential direction and inwardly from the free end of each shoe to a point on said applicator member which approaches the original position of the point of engagement of said link with said shoe as said applicator member is operated, the links for the two shoes being identical in nature, and the applicator member being substantially freely floating in the plane of its operation when in its operated position whereby the pressure on the two shoes is substantially equalized; and means for limiting the movement of said applicator member in the direction of its thrust on a brake shoe when the forces exerted thereon are out of balance.

2,108,181
PROCESS FOR PREPARING ANATOMICAL CASTS OF HUMAN AND ANIMAL ORGANS
August Schummer, Giessen, and Ernst Trommsdorff, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application January 14, 1936, Serial No. 59,092. In Germany January 15, 1935
5 Claims. (Cl. 35—20)

1. The process for preparing anatomical casts of the interior structure of human and animal organs which comprises filling the canals and cavities of the organ with a polymerizable organic substance capable of forming a hard polymer, solidifying said substance by subjecting it to polymerizing influences and subsequently treating the organ with chemicals which destroy the natural material thereof without affecting the polymerized material.

2,108,182
POWER BRAKE SYSTEM
Dudley F. Searle, Oakland, Calif.
Application May 16, 1935, Serial No. 22,164
4 Claims. (Cl. 303—89)

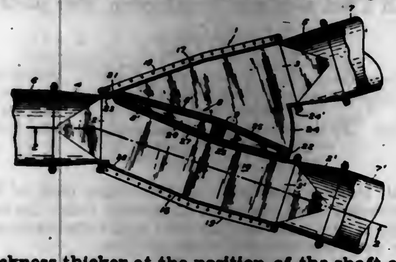


1. A power brake system including a source of fluid pressure; braking means actuated by said fluid pressure; locking means actuated by the fluid pressure and adapted to lock said braking means in operative position; a control valve interposed between said fluid pressure source and said braking and locking means and having an operating handle movable to admit the fluid pressure into said braking and locking means selectively; and a movable dog normally preventing the necessary movement of said handle to admit fluid pressure into said locking means.

2,108,183
DREDGE PIPE Y VALVE
John G. Sjoberg, Oakland, Calif., assignor to Pacific Coast Engineering Company, Inc., Oakland, Calif., a corporation of California
Application January 9, 1937, Serial No. 119,827
8 Claims. (Cl. 251—13)

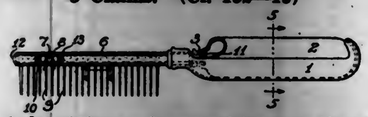
1. A dredge pipe line Y valve comprising a casing of rectangular cross section having an inlet opening at its forward end and two spaced outlet openings at its rearward end, a gate fitting within said casing pivotally mounted on a vertical shaft intermediate the forward and rearward edges of the gate to swing the forward edge of the gate across said inlet opening against either side wall of the casing and the rearward edge of the gate from one to the other adjacent edges of the spaced

outlet openings, a curved wall extending between said outlet openings against which the rearward end of the gate seals, said gate being of tapering



thickness thicker at the position of the shaft and provided with a frame integrally secured to the shaft.

2,108,184
FOUNTAIN COMB
Arthur W. Wallenius, Glendale, Calif.
Application March 8, 1937, Serial No. 129,569
3 Claims. (Cl. 132—13)



1. A fountain comb comprising a main rib in the form of a hollow tube having one closed end and one open end, a handle attached adjacent to the open end of said main rib, and provided with a casing to receive a fluid reservoir, a fluid reservoir positioned within said handle and in communication with the open end of the main rib and with the hollow space therein, a plurality of teeth attached to and protruding from said main rib, and a plurality of fluid ducts in communication with the hollow tube of the main rib, said ducts completely surrounding each of said teeth.

2,108,185
SLIDER FOR FASTENERS
George Wintritz, Springdale, Conn., assignor to Talon, Inc., a corporation of Pennsylvania
Application July 27, 1933, Serial No. 682,479
4 Claims. (Cl. 24—205)

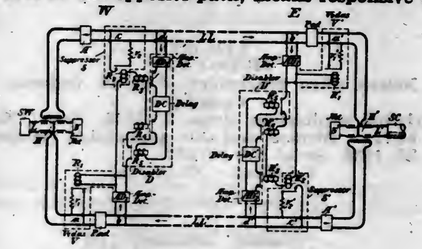


3. A slider for slide fasteners comprising parallel wings, a central wing connection at one end of the slider, a lug adjacent said wing connection, a pull tab pivoted to said lug, the wing adjacent said lug having the slits 15 one on each side of said lug extending through the end of the wing having said connection and providing flexible side portions 17 on opposite sides of said wing connection, and cam means on said pull tab for pressing said flexible portions inwardly to lock the slider.

2,108,186
TWO-WAY SIGNALING SYSTEM
Leonard Gladstone Abraham, Madison, N. J., assignor to the American Telephone and Telegraph Company, a corporation of New York
Application October 29, 1936, Serial No. 108,279
5 Claims. (Cl. 178—44)

2. In a two-way telephone system, two separated stations, two paths connecting said sta-

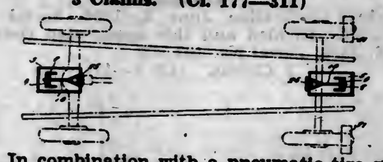
tions and adapted for transmission in opposite directions, means associated with the receiving section of each of said paths for normally introducing an appreciable loss in said section, means responsive to voice waves reaching the receiving section of either of said paths for removing the loss normally introduced therein independently of the presence or absence of voice waves in the opposite path, means responsive to



Delay of DC (DC') = one-way delay of LL' from A' to b' (LL' from A' to b').
Zero level transmissivity of R_2 (R_2') should be lower than transmissivity of R_1' (R_1) or R_3' (R_3) under all conditions of net loss of the circuit.
Transport of relay R_2 (R_2') or of relay R_3' (R_3) should not exceed the hangover of supervisor S (S').

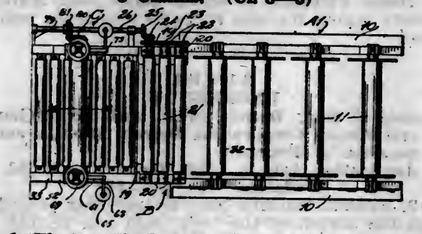
voice waves reaching the receiving section of either of said paths for closing a circuit designed to introduce an appreciable loss in the transmitting section of the opposite path, and means responsive to earlier arriving voice waves in said transmitting section for opening said circuit but only after a delay approximately equal to the one-way delay of the system between said stations.

2,108,187
SIGNAL DEVICE
Walter R. Armstrong, Sr., New Orleans, La.
Application April 16, 1937, Serial No. 137,346
3 Claims. (Cl. 177—311)



1. In combination with a pneumatic tire supported vehicle, an alarm device, a control for the alarm device positioned on the support of the stationary vehicle and underlying a part of the vehicle supported by the pneumatic tires and means for operating the control upon deflation of the tires which causes a downward movement of a part of the vehicle.

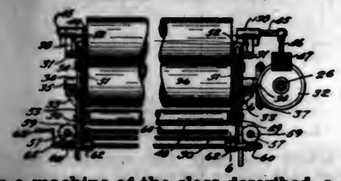
2,108,188
PROCESS OF YARN DYEING, DRESSING, AND LOOM BEAMING
Nelson A. Batchelder, Welland, Ontario, Canada
Application June 5, 1936, Serial No. 83,791
3 Claims. (Cl. 8—5)



1. That method of continuous dyeing of yarn

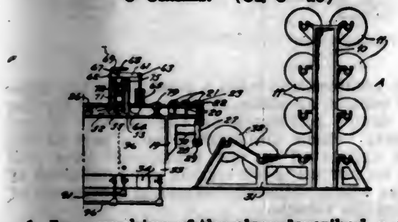
collected from a plurality of undyed yarn bodies which consists in absorbing the starting torque resultant from the unwinding of the yarn from said yarn bodies and then power feeding the yarn at a predetermined positive speed from said bodies to and through a series of successive dye treatments while maintaining a constant uniform lineal speed of all parts of said yarn without appreciably tensioning the yarn.

2,108,189
SIZING VAT
Nelson Allen Batcheider, Welland, Ontario, Canada
Original application June 5, 1936, Serial No. 83,791. Divided and this application October 26, 1936, Serial No. 107,577
7 Claims. (Cl. 8—19)



1. In a machine of the class described, a sizing vat, a plurality of dipping rolls located within said sizing vat, means exterior of the vat for raising and lowering the dipping rolls, and squeezing rolls in said vat arranged in pairs alternating with the dipping rolls, each pair being located forwardly of a respective dipping roll.

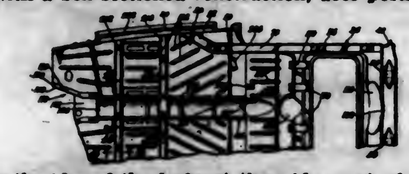
2,108,190
DYEING MACHINE
Nelson Allen Batcheider, Welland, Ontario, Canada
Original application June 5, 1936, Serial No. 83,791. Divided and this application October 26, 1936, Serial No. 107,578
3 Claims. (Cl. 8—19)



1. In a machine of the class described, a dyeing and treating vat having guide rollers therein positioned alternately upwardly and downwardly, a set of feed rolls feeding material to said vat, and a tensioning roll over which material passes to the set of feed rolls, said tensioning roll comprising a freely swinging revoluble roller and spring means urging the said roller to tensioning position.

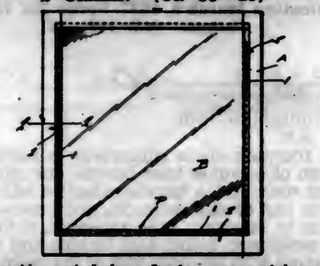
2,108,191
UNDERBODY
Russell S. Begg, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 9, 1936, Serial No. 89,693
14 Claims. (Cl. 296—28)

2. In an automobile body, an underpan extending the length of the body, said pan having a narrow rear part and a wide front part, downturned edge flanges on the narrow rear part, longitudinal channel shaped members secured to the flanges and to the pan and forming therewith a box-sectioned construction, door posts at



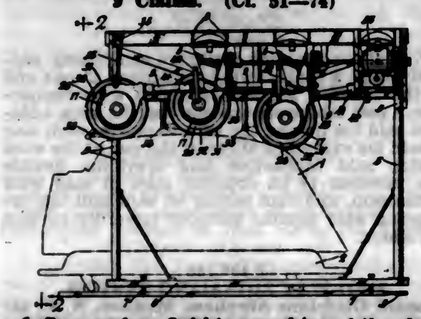
both sides of the body at the wider part of the underpan, said channels extending from the rear edge of the narrower section and terminating at the door posts of the wider section.

2,108,192
PUTTY RETAINER
Sigward L. Bergen, Dallas, Wis.
Application July 12, 1937, Serial No. 153,238
2 Claims. (Cl. 85—15)



1. A putty retaining device comprising a single strand of wire passing longitudinally through the putty receiving space of a member and means for supporting the wire in spaced relation from the walls of such putty receiving space, whereby said wire will be embedded in the putty when the putty is put in the space.

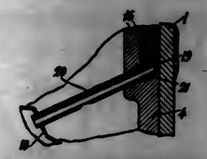
2,108,193
SANDING MACHINE
Tracy F. Brackett, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application October 30, 1936, Serial No. 108,350
9 Claims. (Cl. 51—74)



1. In a surface finishing machine of the character described, a yieldable mounting for a work engaging surface including an annular flexible container for fluid under pressure having incorporated in the wall thereof two sets of reinforcing cords, one set extending circumferentially and

the other transversely thereof for limiting distention of the wall under fluid pressure to predetermined shape.

2,108,194
PISTON
Harold D. Church, Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application January 9, 1935, Serial No. 947
5 Claims. (Cl. 309—3)



1. In a piston of the character described, a skirt having near the headed end thereof a packing ring groove, and a series of shouldered bores extending downwardly and inwardly in intersecting relation with the groove, a series of drain tubes, each having an enlargement seating in said shouldered bore and a packing ring in said groove holding the tubes against displacement.

2,108,195
DRILL HOLE CLEANING DEVICE
Raymond L. Crow, Lawrence, Kans.
Application October 20, 1936, Serial No. 106,667
5 Claims. (Cl. 255—60)



1. A drill hole cleaning device comprising a section of flexible tubing having a sharpened edge at one end thereof, a tubular handle open at both ends, means for connecting said tubular handle to one end of the tubing with the bores of the handle and tubing in open communication, and spirally extending means formed in the bore of said section of tubing for packing and holding drillings received therein when the device is forced into a drill hole.

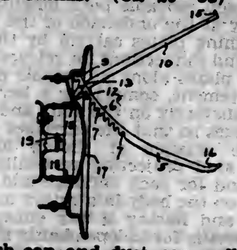
2,108,196
BRACKET
Harrison Davies, The Plains, Ohio
Application May 3, 1937, Serial No. 140,527
2 Claims. (Cl. 248—233)

1. A device of the class described, comprising a strip-like hanger provided with means for supporting an article, the hanger being provided with an outwardly bulged part forming a cavity, the hanger being supplied with a reduced slot leading downwardly to the cavity, the upper edge of the outwardly bulged part being downwardly con-



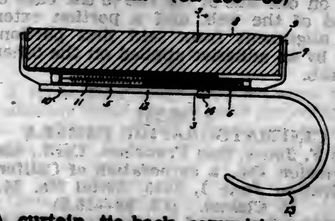
caved, to form pointed tongues in the hanger, on each side of the slot, at the lower end of the slot.

2,108,197
HUB CAP AND DUST CAP PULLER
Virgil L. Du Sang, Kokomo, Ind.
Application July 11, 1936, Serial No. 90,058
4 Claims. (Cl. 29—85)



1. In a hub cap and dust cap puller, a lever formed as a handle at one end and having the opposite end formed to bear against a portion of a wheel, said lever being slotted longitudinally for an appreciable distance beginning near the bearing end, in combination with a second lever passing through the slot in the first lever, means for fulcruming the two levers together at selective places in the slot, said second lever having a handle portion on the same side of the fulcrum as the handle of the first lever and said second lever having its other end formed to contact with a cap and unseat it when the handle ends of both levers are moved apart and manipulated.

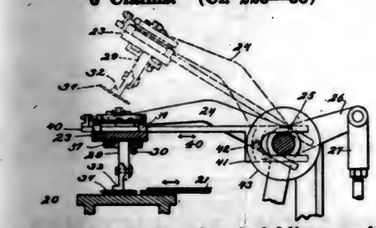
2,108,198
WINDOW CURTAIN TIE-BACK
Walter Egger, Pekin, Ill.
Application February 27, 1937, Serial No. 128,298
2 Claims. (Cl. 156—33)



1. A curtain tie-back comprising a pair of spring retracted telescoping members, window frame gripping jaws on the outer ends of said members, a tie-back arm pivotally secured to one of said members adjacent the jaw thereon and

a catch adjacent the other of the jaws releasably securing said tie-back arm to said tie-back members.

2,108,199
FOLDING MACHINE
Alfred G. Gilbert, South Acton, Mass., assignor to Reece Folding Machine Company, Boston, Mass., a corporation of Maine
Application December 18, 1935, Serial No. 54,999
6 Claims. (Cl. 223—38)



1. In or for a collar blank folding machine a templet fitted to descend upon and rise from the blank, and having a rigid body, a pair of end carriages each movable both longitudinally and transversely at the underside of the body, a pair of end defining plates carried by the respective carriages, and connections for retracting said carriages and plates along adjustable different angles of movement, comprising a bar movable to and fro transverely on the body and engaged by both carriages so that the carriages move therewith while capable of sliding longitudinally thereof, a stud projecting vertically from each carriage, and for each carriage and stud a disk adjustable on the body in a rotary manner about such stud and having a way engaged by such stud, and means for independently fixing each of the two disks in a predetermined angular adjustment, thereby determining independently the angles of movement of the two carriages and defining plates.

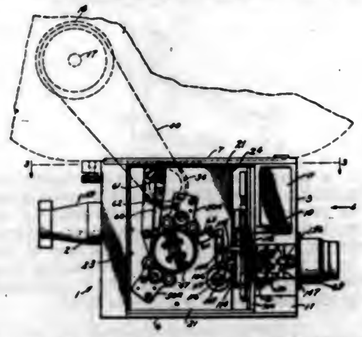
2,108,200
BINDER TAB FOR WEB ROLLS
Albert J. Horton, White Plains, N. Y., assignor to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Application February 8, 1935, Serial No. 5,667
13 Claims. (Cl. 242—58)



11. In combination with the free end of the web of a web roll, a tab formed of material having substantially equal tear resisting strength throughout its structure, and including a portion extending over and secured by an adhesive applied on one side of the tab to the edge of the free end of the web, and a portion extending out of alignment from said first portion and secured by an adhesive applied on the other side of the tab.

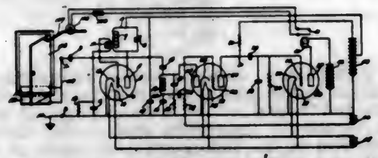
2,108,201
CINEMATOGRAPHIC CAMERA
Charles F. Jones, San Francisco, Calif., assignor to Tricolor, Inc., a corporation of California
Application June 1, 1935, Serial No. 24,514
15 Claims. (Cl. 88—16.6)

1. A camera adapted to simultaneously expose a plurality of cinematographic films, comprising: a light tight casing having a lens therein and a light dividing means in line with said lens; a shutter optically aligned with said lens and said light dividing means; an aperture plate with an aperture in the path of each light beam emerging from said light dividing means; vertical guide means disposed in said casing; a vertically reciprocating carriage slidable on said guide means and provided with a pair of arms extending laterally of said aperture plates and adjacent thereto; a single pair of substantially horizontal pull down pins slidably mounted in each of said arms, one end of said pins being adapted to engage the perforations of a film disposed longitudinally of said



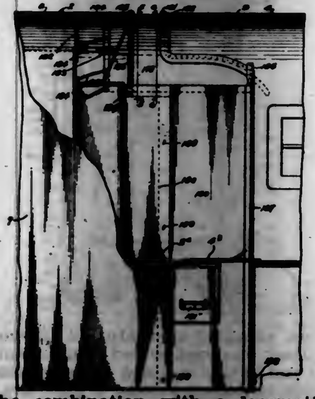
aperture plate, and the other end of said pins being connected to a cross-arm vertically slidable in a guide adapted to be oscillated by a cam operated shaft; cam means for vertically reciprocating said carriage; driving means for operating both of said cam means; a spring operated pressure plate opposite said aperture adapted to hold said films against said aperture plates while said pull-down pins are out of engagement therewith; means for feeding said films to said pull down pins; and take-up means adapted to withdraw said films from said casing after their exposure.

2,108,202
DETECTOR SYSTEM
Frederick G. Kelly, Jr., Hamden, Conn., assignor to American Teletector Corporation, New Haven, Conn., a corporation of Connecticut
Application May 12, 1933, Serial No. 670,737
6 Claims. (Cl. 250—27)



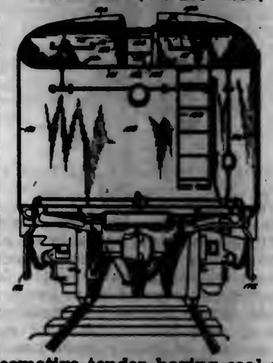
1. In a vacuum tube apparatus, an antenna having a capacity to ground, means for discriminating against seasonal changes in said antenna-ground capacity comprising an oscillator connected to said antenna and having its frequency of oscillation variable in response to changes in antenna-ground capacity, means for establishing a source of direct current potential which varies in value with variations in oscillator frequency, a coupling circuit comprising a condenser and a resistance connected to said source and having a time constant smaller than the time duration of said seasonal changes in antenna-ground capacity, an amplifier connected to said coupling circuit, and translating means connected to said amplifier and responsive to the output thereof.

2,108,203
STREAMLINED LOCOMOTIVE AND TENDER AND VESTIBULE CURTAIN STRUCTURE THEREFOR
William L. Lentz, Tuckahoe, N. Y., and Carl F. Kantola, Ashtabula, Ohio, assignors to The New York Central Railroad Company, a corporation of New York
Original application September 26, 1935, Serial No. 42,342. Divided and this application July 21, 1936, Serial No. 91,780
8 Claims. (Cl. 105—2)



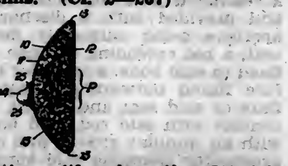
1. The combination with a locomotive and tender, of a gap closure between the adjacent relatively movable ends of such structures comprising a top cover fixed at one edge to one of the structures, means on the other structure for slidably guiding said top and maintaining a streamline relation of the top cover with the roofs of the adjacent structures, means for yieldingly connecting it at its opposite edge to the second-named structure, and flexible side covers closing the sides of the gap between said structures.

2,108,204
LOCOMOTIVE TENDER
William L. Lentz, Tuckahoe, N. Y., and Carl F. Kantola, Ashtabula, Ohio, assignors to The New York Central Railroad Company, a corporation of New York
Original application September 26, 1935, Serial No. 42,342. Divided and this application August 4, 1936, Serial No. 94,270
12 Claims. (Cl. 105—231)



1. A locomotive tender having coal and water receiving spaces, a streamlined shell enclosing said spaces and including top, front, rear and side walls, said front wall being provided with coal discharging means and said top wall being provided at its forward portion with a coal filling opening and in rear thereof with a high level water filling opening, said top wall terminating at its extreme rear end in a depressed platform having a low level water filling opening therein and a depressed passage leading forwardly therefrom toward the high level filling opening, steps in said passage giving access therefrom to the high level filling opening, and closures for said openings.

2,108,205
BREAST PAD AND THE LIKE
Elsie L. Martin, Drexel Hill, Pa.
Application December 1, 1936, Serial No. 113,737
7 Claims. (Cl. 2—267)



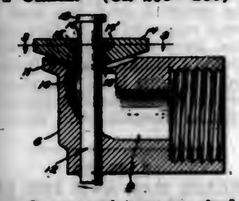
1. The combination with a brassière fitted to the body of a wearer and conformable to her normal bust, of a breast pad in a breast portion of a said brassière filled with loose compressively elastic shreds so that the pad is plastically molded by the brassière, when worn, into substantially the form of the wearer's normal breast, and is also plastically and elastically deformable, substantially like a normal breast.

2,108,206
TENACULUM
Sidney Meeker, deceased, late of Memphis, Tenn., by Lillian Pearl Meeker, executrix, Memphis, Tenn.
Application March 9, 1937, Serial No. 129,942
4 Claims. (Cl. 128—353)



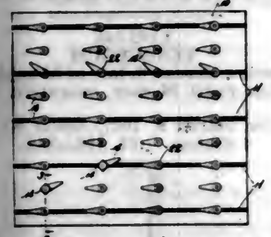
2. A tenaculum comprising a barrel having a substantially dome-shaped head projecting therefrom, a plunger slidably mounted in the barrel, said barrel having slots arranged rearwardly of said head, teeth carried by the inner end portion of the plunger and movable through said slots from a position within the barrel to a position where they project through the sides of the barrel, means in the barrel for spreading said teeth as they are moved outwardly through said slots, and means for locking the plunger to the barrel with the teeth in projected position.

2,108,207
LAWN SPRINKLER
Hugh Bertram Parker, Jacksonville, Fla.
Application June 29, 1936, Serial No. 88,854
1 Claim. (Cl. 299—120)



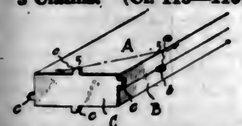
A spray nozzle comprising a main body adapted to be connected to a source of liquid supply, a restricted part connected to said main body, and provided with a discharge aperture, said aperture being outwardly flared to provide a seat, a rod extending through said aperture and fixed to said body, a spreader head having a surface flared outwardly to correspond with the flare of said seat and having a bore in slidable contact with said rod, said bore being provided with an annular groove, and a split ring in said groove for clamping said spreader head in any desired position of adjustment on said rod.

2,108,208
MUSIC CHART
Cary H. Randolph, St. Louis, Mo.
Application September 2, 1936, Serial No. 99,134
4 Claims. (Cl. 84—471)



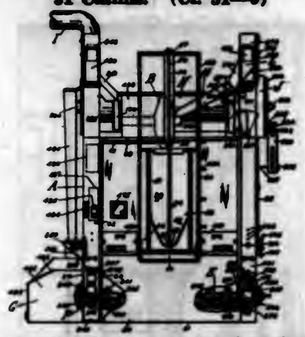
1. In a device for teaching music including a body lined to represent a music staff and having sockets at various points along the staff for reception of note symbols, means for indicating the position on the staff of successive notes, said means including pointer arms pivotally attached to the body adjacent the sockets.

2,108,209
ASSEMBLING PORTIONS OF HOLLOW ARTICLES
Alfred F. Reilly, North Attleboro, Mass., assignor to Evans Case Company, North Attleboro, Mass., a corporation of Massachusetts
Application September 16, 1937, Serial No. 164,248
3 Claims. (Cl. 113—116)



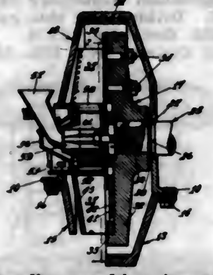
1. Preparing adjacent parts of hollow articles for assembly comprising providing lugs at intervals on each part, placing the parts together with abutting edges and registering lugs, fastening the lugs together to hold the parts in adjusted position, fastening the abutting edges of the pieces, and removing the lugs.

2,108,210
ABRADING APPARATUS
William A. Rosenberger, Hagerstown, Md., assignor to Pangborn Corporation, Hagerstown, Md., a corporation of Maryland
Application November 3, 1934, Serial No. 751,364
31 Claims. (Cl. 51—9)



1. In an abrading apparatus, in sub-combination, at least one open-ended drum mounted for rotation and having a closed end so shaped as to cause work contained therein to gravitate toward the open end thereof, a rockable member located adjacent the open end of said drum for preventing work from escaping from the latter, power operated means for causing said member to rock into a work-discharging position, and means for automatically stopping said member when it attains discharging position under the influence of said power means.

2,108,211
ABRADING MACHINE
William A. Rosenberger and Walter L. Keefer, Hagerstown, Md., assignors to Pangborn Corporation, a corporation of Maryland
Original application May 17, 1934, Serial No. 726,188. Divided and this application August 29, 1936, Serial No. 98,500
8 Claims. (Cl. 51—9)



1. In an abrading machine, in combination, a disc-like runner-head, a plurality of blades disposed substantially radially with respect to said head, means mounting said blades for guided sliding movement toward and away from the axis of said head, means for limiting outward movement of said blades, and leaf springs engaging a surface of said runner-head and said blades for resisting inward movement of said blades.

2,108,213
METAL-WALLED VACUUM CHAMBER OR CONTAINER
Eugene L. Schelling, Ridgewood, N. J., assignor to The Shellwood-Johnson Company, Paterson, N. J., a corporation of New Jersey
Application August 1, 1934, Serial No. 737,863
7 Claims. (Cl. 220—15)



4. A vacuum chamber comprising sheet metal walls enclosing gas-tightly the vacuum space, and of such character as to be subject to collapse or inward deflection in practical use, and, occupying such vacuum space, a rigidly packed filling composed of a mass of hard granules of appreciable size and relatively small contacts between them, and forming interconnected interstices throughout the mass; such filling by reason of such character having the properties of preventing to a substantial degree heat conduction through its own mass, and allowing susbtantially free gas flow through its mass for evacuation of the space, and constituting a substantially rigid internal bracing support from chamber wall to wall, thereby to resist effectively a substantial deflection thereof by external pressure.

2,108,212
HYDROGENATED PRODUCTS
Norman D. Scott and Joseph Frederic Walker, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Original application October 20, 1933, Serial No. 694,516. Divided and this application July 25, 1934, Serial No. 736,960
11 Claims. (Cl. 260—2)

1. A process for making a resinous polymer comprising reacting the dihydro derivative of a hydrocarbon selected from the group consisting of acenaphthene and naphthalene homologs with an alkali metal addition compound of one of said hydrocarbons and hydrolyzing the reaction product.

2,108,214
POLISHING COMPOSITION
Leroy W. Shuger, Baltimore, Md., assignor to Baltimore Paint and Color Works, Inc., Baltimore, Md., a corporation of Maryland
No Drawing. Application March 12, 1936, Serial No. 68,542
5 Claims. (Cl. 134—94)

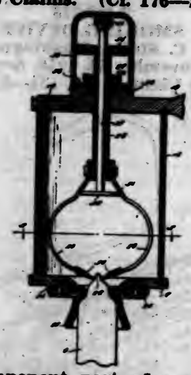
2. An emulsion polishing composition highly resistant to weather ravages comprising as a luster restorer, an odorless, stearine-free fish oil, as a lubricator and cleanser, mineral oil, and water, and in which the water is the continuous phase.

2,108,215
AUTOMOBILE BODY
Karl Stief and Ronald K. Evans, Russelsheim-on-the-Main, Germany, assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application August 30, 1935, Serial No. 38,530
In Germany September 28, 1934
19 Claims. (Cl. 296—28)



9. In a chassisless vehicle, channel-shaped side sills, a tunnel between the sills to accommodate a drive shaft, floor plates connected to the tunnel and to the side sills and closing the space between the tunnel and the sills, said plates closing the open side of the channel-shaped side sills to form a box-sectioned construction, and transverse seat supports secured between the sills and the tunnel and over the plates.

2,108,216
RARE GAS SALVAGING DEVICE
Louis C. Stringer, Chicago, Ill., assignor to Electronics Supply Corp., a corporation of Delaware
Application April 29, 1937, Serial No. 139,824
12 Claims. (Cl. 176—2)

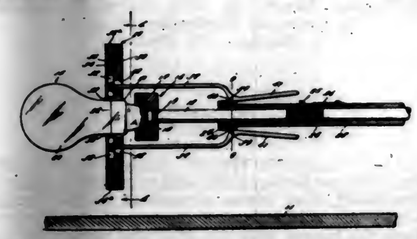


8. As a component part of a rare gas collector of the class described, a glass cylinder having an annulus at its bottom, a rubber adapter ring attached to and depending from said annulus and designed to accommodate an end of the tube to be tapped, a packing gland at the opposite end of said cylinder, a sleeve mounted for sliding and rotation in said packing gland, a rod slidable in said sleeve, the sleeve and rod having operating means located on the exterior of the cylinder, a pair of spring fingers mounted on the inner end of the sleeve, a disk mounted on the inner end of the rod cooperable with said spring fingers for spreading the fingers, and cutting blades on the free ends of said fingers.

2,108,217
TUBE CUTTING DEVICE
Louis C. Stringer, Chicago, Ill., assignor to Electronics Supply Corp., a corporation of Delaware
Application May 5, 1937, Serial No. 140,957
10 Claims. (Cl. 33—21)

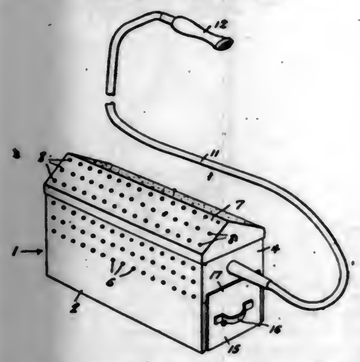
1. A fragile tube cutting device of the class described comprising a support, an arbor on said

support, said arbor being provided with an adapter fixture against which one end of a bulb is held, a mandrel mounted for oscillation and sliding on said arbor, said mandrel including an annular cutter head adjustable toward and from said adapter fixture.



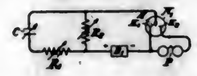
8. A scoring device for glass tube severance of the class described comprising a relatively fixed abutment against which one end of the work is adapted to be held by hand, and a complemental oscillatory scoring unit of a hand rotated type, said scoring unit being located in spaced longitudinal alignment with the abutment and being adapted to encircle the work to circumscribe a breakable score line around the work at a predetermined distance from said abutment.

2,108,218
SMOKING DEVICE
Harvey C. Stultz, Washington, D. C.
Application November 16, 1936, Serial No. 111,117
1 Claim. (Cl. 131—51)



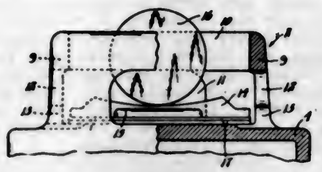
A smoking device of the class described comprising a rectangular metallic casing including a bottom, end walls and side walls, the top of the casing being open and the side walls having perforations therein in substantially the upper halves of said walls, a neck projecting inwardly from one of the end walls, said neck projecting into the perforated part of the casing, the said end wall having an opening in its lower half, a drawer passing through the opening into the unperforated part of the casing, a holder for cigarettes and cigars having a reduced part passing through the neck and a head located in the perforated part of the casing, a tube connected with the projecting portion of the reduced part, a mouth piece on the free end of the tube, a substantially anticlinal perforated cover fitting over the upper open end of the casing, the internal walls of the casing and cover being plain and unobstructed with the exception of the neck.

2,108,219
GAS TUBE CIRCUITS
Leland K. Swart, Mountain Lakes, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application July 3, 1936, Serial No. 88,905
6 Claims. (Cl. 250—36)



1. The combination of a condenser, a resistor shunting the condenser, a three-electrode gas-filled tube, and a source of potential connected in series both with two of the electrodes of the tube and said resistor and having a potential which exceeds the breakdown voltage between said two electrodes of the tube, and an indicating device having a single pair of terminals connected between one of said two electrodes and the third electrode of said tube and responsive to the ionization of the gas within the tube.

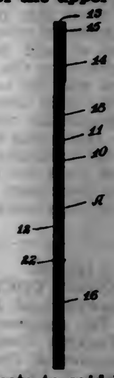
2,108,220
SIDE BEARING FOR CAR TRUCKS
Edwin W. Webb, Chicago, Ill., assignor to Standard Car Truck Company, Chicago, Ill., a corporation of New Jersey
Application October 7, 1937, Serial No. 167,748
4 Claims. (Cl. 308—226)



1. In a car truck, a side bearing comprising an open topped housing, a tread plate received therein and a bearing member received within said housing and working on said tread plate, said housing having four walls, one of said walls having an opening therein provided with its widest portion spaced above the bottom of the housing, the widest portion of said opening being of such size as to receive tread plate shims therethrough whereby shims may be inserted into and withdrawn from said housing through said opening, the opening equipped wall below the portion of the opening through which the shims may be received forming a stop preventing horizontal movement of inserted shims toward the opening equipped wall.

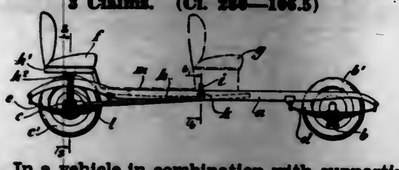
2,108,221
CALENDAR
Orion P. Winford, St. Paul, Minn., assignor to Brown & Bigelow, St. Paul, Minn., a corporation of Minnesota
Application January 28, 1937, Serial No. 122,751
7 Claims. (Cl. 40—119)

1. A calendar comprising a backing sheet, a series of sheets overlying said backing sheet, a line of perforations dividing each sheet of said series of sheets into two large divisions one above the other, the lower one of said divisions bearing calendar indicia, and means extending through the lower edge of the upper of said divisions for



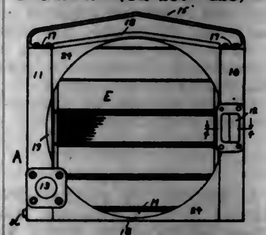
securing said sheets to said backing sheet adjacent said line of perforations.

2,108,222
SEAT SUSPENSION FOR VEHICLES
Charles S. Wray, Atlantic Highlands, N. J.
Application April 3, 1936, Serial No. 72,469
3 Claims. (Cl. 280—106.5)



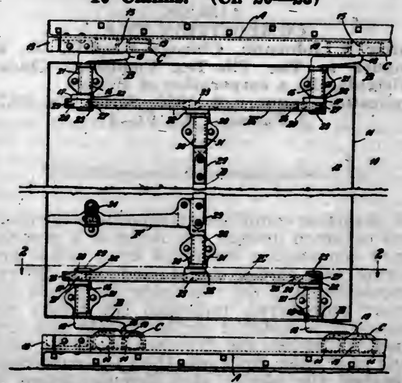
1. In a vehicle in combination with supporting wheels, a supporting frame and supporting springs interposed operatively between the wheels and the frame, a seat sub-frame independent of said springs pivotally mounted on the said main frame and connected thereto at the pivot point only, and springs independent of the first springs operatively interposed between the sub-frame and one set of wheels to restrain pivotal movements of the said sub-frame, whereby the first springs serve to cushion movement of the supporting frame and the second springs serve as the sole cushioning means between the sub-frame and the said one set of wheels.

2,108,223
AIR COOLING DEVICE FOR COMPRESSORS
Fred M. Young, Racine, Wis.
Application October 25, 1935, Serial No. 46,683
1 Claim. (Cl. 257—125)



A heat transfer device, comprising two vertically positioned headers having means connecting their lower and upper ends forming a frame, an inlet connection on the rear of one header and an outlet connection near the bottom of and on the rear of the other header, a liquid drain connection at the bottom of said outlet header, a number of horizontally positioned core units occupying the space between said upper and lower frame members, said core units each comprising two headers, a number of operatively connected tubes therebetween and a multiplicity of closely spaced fins through which said tubes extend, said core headers having removable operating connections to said vertically positioned headers whereby air may pass from one vertical header to the other through the tubes of said cores.

2,108,224
REFRIGERATOR CAR DOOR
Stacy B. Haseltine, Chicago, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application January 30, 1935, Serial No. 4,052
10 Claims. (Cl. 20—23)

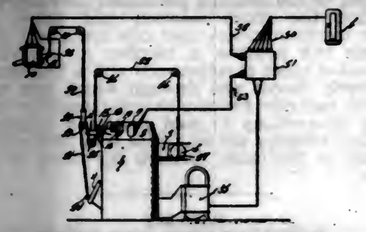


1. In a door construction for cars having a wall member provided with a door opening, the combination with a door adapted to close said opening; of guide tracks on said wall member above and below said door opening; carrier means slidably guided on each track; a pair of top and a pair of bottom crank members mounted on the door for rotation about vertical axes; a crank arm on each crank member having a crank pin at the outer end journaled in the corresponding carrier; an operating shaft on said door rotatable about a vertical axis, said shaft being rotatable through an angle of 180 degrees; a top and bottom rod, respectively connecting the top pair and the bottom pair of crank members for movement in unison; means for guiding said rods for movement in a plane parallel to the door; and operating connections between said shaft and rods and between said rods and crank members for effecting movement of said crank members through an angle of 90 degrees upon rotation of said shaft through an angle of 180 degrees.

2,108,225
HEAT REGULATOR
Roy W. Johnson, Milwaukee, Wis.
Application December 29, 1933, Serial No. 704,373
9 Claims. (Cl. 236—9)

6. A control device for a heater having a damper and comprising an operating lever adapted to be connected to the damper, a pivotally supported mounting lever having a pivotal connection with the operating lever to provide a shiftable fulcrum therefor, a power driven crank

pin, said operating lever having a slot in which said crank pin is operatively fitted, and a thermostat subjected to the temperature of the heater



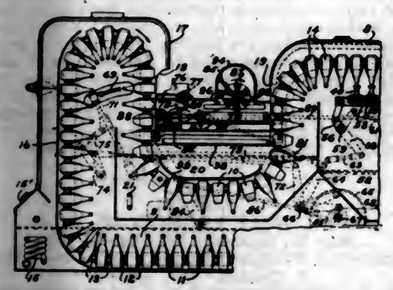
and interconnected with said mounting lever to shift the same in accordance with temperature variations in said heater.

2,108,226
COMPOSITION TILE
Walter S. Johnston, Chicago Heights, Ill., assignor to The Tile-Tex Company, Chicago Heights, Ill., a corporation of Illinois
Application January 6, 1936, Serial No. 57,778
4 Claims. (Cl. 94—3)



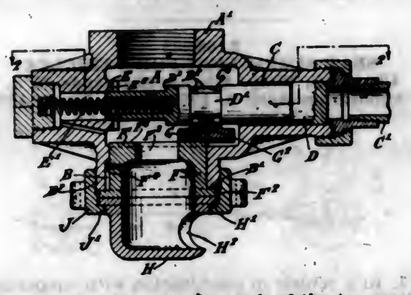
1. A surface comprising composition tile pieces, some of which include tile blocks of a predetermined composition embraced by a cup-shaped backing and border constructed of a different composition, and the remaining tile pieces comprising unbordered, unbacked tile blocks constructed of a material similar to said first-mentioned tile blocks, the first-mentioned tile blocks being of a lesser thickness than the unbordered, unbacked tile blocks, said first-mentioned tile pieces being in checkered relationship with respect to unbordered, unbacked tile blocks and being in corner abutting relationship with respect to each other.

2,108,227
BOTTLE WASHING MACHINE
Archie E. Ladewig and George F. Soelch, Waukesha, Wis.
Application February 25, 1935, Serial No. 8,042
7 Claims. (Cl. 15—61)



1. In combination, a casing forming a liquid basin, a series of bottle carrier pockets, a conveyor for transporting said pockets in succession through said basin to subject the bottles being transported thereby to a soaking action and for subsequently transporting said pockets along successive oppositely directed paths, means for removing the bottles from said pockets after the latter have been withdrawn from said basin and while traversing one of said paths, means for reversing and for advancing the removed bottles along their own axes and for scrubbing the exteriors thereof during said removal from said pockets and for subsequently returning the bottles to pockets while traversing the other of said paths, and means for catching the labels and other debris removed from the bottles while the same are withdrawn from said pockets and for preventing said debris from being deposited within said basin.

2,108,228
CYLINDER COCK
Ralph A. Light, Cynwyd, and Joseph W. Price, Jr., Philadelphia, Pa., assignors to The United States Metallic Packing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application January 3, 1935, Serial No. 244
1 Claim. (Cl. 121—124)



In a locomotive cylinder cock of the type comprising a casing, a separable closure for the lower end of the casing having an exhaust port and a slide valve seat upon its upper surface, means for securely clamping the closure to the bottom of the casing, a cylinder extending through the wall of the casing and adapted to be connected to a source of fluid pressure at its outer end, a piston working in said cylinder and a slide valve connected to be actuated by said piston and working on the slide valve seat on the upper surface of the bottom closure in which the movements of the piston and valve are limited by abutments contacted at the end of each piston stroke to open or close the valve, the improvement which consists in forming the exhaust port through the bottom closure as an elongated and comparatively narrow opening, forming the bottom closure and the lower end of the casing with interengaging means whereby the bottom closure will be so aligned that the elongated exhaust port will be so disposed that its longer dimension will lie transverse to the line of movement of the piston and combining therewith a comparatively long and narrow slide valve adapted to open and close the exhaust port as the piston is actuated in one direction or the other.

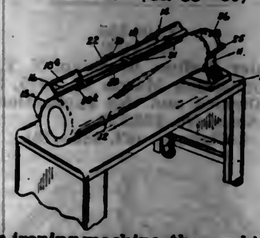
2,108,229
ANATOMICAL SKELETON
Martha M. Metz, Talmage, Kans.
Application July 5, 1935, Serial No. 29,955
10 Claims. (Cl. 35—17)

1. Means for mounting the vertebrae of an anatomical skeleton, comprising plates respectively on the upper and lower sides of each vertebra, cords interlacing adjacent plates of adjacent vertebra but permitting relative movement



of the plates, and means for securing the plates to the respective vertebrae.

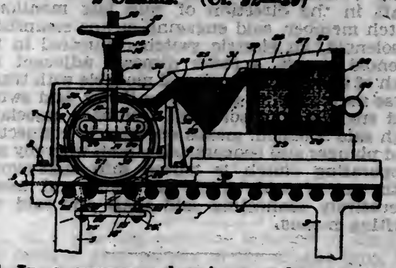
2,108,230
GUARD FOR SHOE OF IRONING MACHINES
Anthony W. Molinaro, Oak Park, Ill., assignor to Electric Household Utilities Corporation, Chicago, Ill., a corporation of Illinois
Application March 1, 1937, Serial No. 128,325
7 Claims. (Cl. 38—69)



1. In an ironing machine, the combination with a rotatable roll, an ironer shoe mounted for cooperation with the roll and having means for heating said shoe; of an elongated element comprising a piece of material of low heat conductivity disposed substantially parallel and in spaced-apart relation to the leading edge of the shoe to form an air passage between said leading edge of the shoe and said elongated element, said elongated element being disposed in close proximity to the roll to protect the fingers of the operator from contacting said leading edge of the shoe in the normal ironing operation, and means for rigidly securing said elongated piece of material to the shoe in such spaced relation thereto.

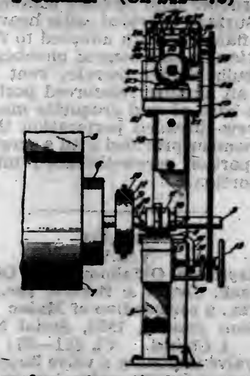
4. In an ironing machine, the combination of a rotatable roll, an ironer shoe mounted for cooperation with the roll, said shoe including heating means therefor, a sole plate, formed at its leading edge with an up-turned flange, and a back plate connected to the sole plate and enclosing the heating means, said back plate having a front wall portion disposed inside of and extending below the upper edge of said flange, an elongated element of low heat conductivity disposed substantially parallel and in spaced-apart relation to the leading edge of the shoe, and means for securing said element to the shoe in such spaced apart relation, said means including a plurality of longitudinally spaced-apart clips each having a portion substantially surrounding a portion of the element, said surrounded portion having a reduced cross-section to prevent longitudinal shifting of said element, and each having a hook portion adapted to extend over the upper edge of said flange of the sole plate and downwardly and under the lower edge of said front wall portion of the back plate.

2,108,231
METHOD OF MAKING PAPER
William C. Nash, Neenah, Wis.
Application March 14, 1935, Serial No. 10,990
2 Claims. (Cl. 92—39)



1. In a process wherein a pulp comprising kapok fibers and fibers having the characteristics of felting into a relatively strong structure is deposited upon a continuously moving foraminated surface to form a composite mat having a lower relatively thick layer of kapok fibers and an upper relatively thin layer of said other fibers, the improvement which comprises, depositing a fibrous pulp comprising fibers having characteristics of felting into a relatively strong structure upon a rotating foraminated surface to form a mat upon said surface, and bonding said mat upon the upper surface of said first mentioned kapok fiber mat under substantially constant pressure, said pressure being self-variable in direct relation to the variations in the aggregate thickness of said composite mat.

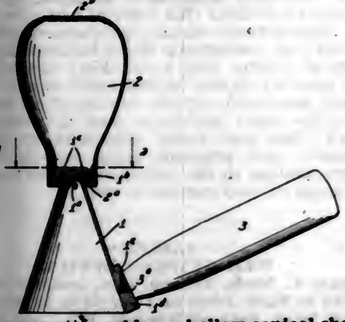
2,108,232
WEB GUIDING DEVICE
William C. Nash, Neenah, Wis., assignor of one-fifth to Mary Jones and one-fifth to Marie Duvall Nash, both of Neenah, Wis., one-fifth to William M. Nash, Chicago, Ill., and one-fifth to Ray A. Nash, New Rochelle, N. Y.
Application May 1, 1935, Serial No. 19,157
3 Claims. (Cl. 242—76)



1. A device for automatically maintaining the lateral edge of a continuously advancing flexible web in substantially constant alignment which

comprises, means for shifting said web laterally, and means for actuating said web shifting means when said web moves laterally from its normal path, said actuating means comprising a pair of continuously oppositely rotating clutch members, a shaft upon which said members are freely rotatable, a cooperating clutch member slidably but non-rotatably mounted upon said shaft, means actuated by lateral displacement of the web from its normal path for engaging said cooperating clutch member and one of said continuously rotating clutch members to rotate said shaft in the direction of said last mentioned clutch member, said engaging means comprising a solenoid, an electric switch connected in the solenoid circuit, a feeler disposed adjacent the path of travel of the web and movable with transverse movement of the web to throw said switch and energize said solenoid, a plunger associated with said solenoid, means operatively connecting said plunger and cooperating clutch whereby said cooperating clutch is moved into engagement with one of said clutch members, and means operatively connecting said shaft and said web shifting means.

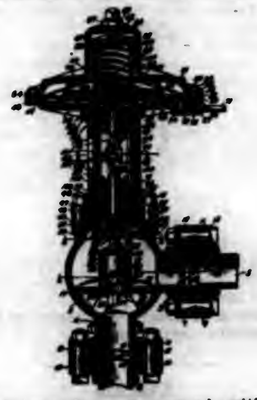
2,108,233
CROQUETTE MOLDER
Carl Wilhelm Pudlich, San Diego, Calif.
Application October 23, 1935, Serial No. 46,332
1 Claim. (Cl. 107—19)



In a croquette molder, a hollow conical shaped member provided with an outwardly extended flange portion at its apex and also provided with perforations extending through said flanged portion, a rubber bulb member compressible over its whole surface provided with heavy inwardly extending flange portion adapted to fit over said flange portion on said conical member for securing said bulb rigidly thereto, vent means for said bulb, an angular reinforced portion on one side of the base of said croquette mold provided with a screw-threaded perforation therein, and a handle member provided with a screw-threaded extended portion screw-threaded into said reinforced portion.

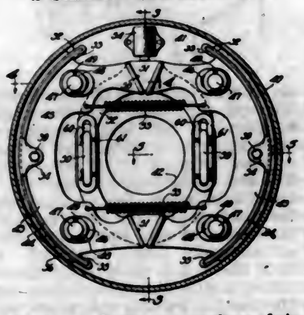
2,108,234
VALVE
Gwynne Raymond, Oklahoma City, Okla., assignor to Black, Sivalls & Bryson, Inc., Oklahoma City, Okla., a corporation of Maine
Application June 1, 1936, Serial No. 82,825
4 Claims. (Cl. 251—27)

1. In a valve including a valve housing, a valve cage supported in the valve housing and provided with a cylindrical bore and a lateral port opening in the side of said cage, said bore having annular stop shoulders above and below said lateral port, a seat member in said cage having a shoulder engaging the stop shoulder below said lateral port, an adapter ring pressed into the



cylindrical bore in engagement with the stop shoulder above said lateral port, and a cylindrical valve plug having close sliding contact with the adapter ring to support the valve plug in concentric relation with the seat member.

2,108,235
BRAKE
Peter Ruffino, Brooklyn, N. Y.
Original application March 22, 1935, Serial No. 12,345. Divided and this application January 13, 1937, Serial No. 120,327
2 Claims. (Cl. 188—78)



1. In a brake, a drum, an anchor plate, a pair of opposed brake shoes slidably mounted on said anchor plate for movement toward and away from each other, a yoke member slidably mounted on said anchor plate within said drum for movement at right angle to the sliding movement of said shoes, a pair of diametrically alined V-shaped wedges fixedly carried by said yoke member, inclined wedge surfaces provided on the opposed adjacent ends of said shoes with which the inclined surfaces of said V-shaped wedges respectively engage, spring means acting upon said shoes to normally hold the same in a retracted position, and actuating means for sliding said yoke member in a direction at a right angle to the direction of sliding movement of said brake shoes to cause said wedges to slide said shoes to an extended position into braking engagement with said brake drum against the tension of said spring means.

2,108,236
FINGER EXERCISING DEVICE
Henry Scott, New York, N. Y.
Application November 13, 1936, Serial No. 110,602
9 Claims. (Cl. 272—67)



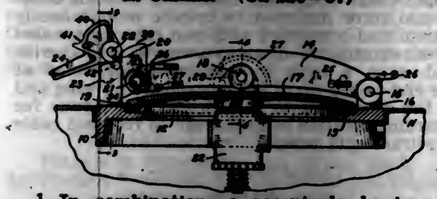
1. In a finger exercising device, a covering for one hand at least partly but loosely surrounding the fingers, impedances of different magnitudes to impede the required movements of the fingers, the impedance to the movement of the finger that is naturally least apt being greatest, and a similar covering for the other hand with the impedances impeding to a greater extent the required movements of the fingers.

2,108,237
METAL CUTTING TOOL
Harold O. Smith, West Orange, N. J., assignor of one-half to Richard C. Johnson, West Orange, N. J.
Application December 24, 1936, Serial No. 117,448
12 Claims. (Cl. 29—96)



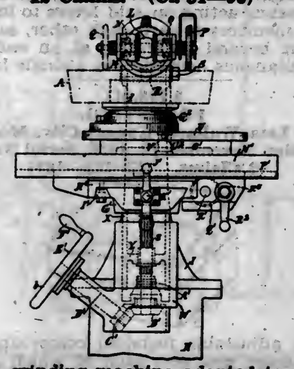
1. A metal cutting tool comprising a shank having a longitudinal recess, a cutter blade longitudinally slidable in said recess, a disk of spring material mounted on said shank at one side of said recess and said blade and having a transverse slot forming a resilient wing to flex in a plane parallel to the direction of sliding of the blade, and means connecting said blade to said wing, whereby the wing will yieldingly resist sliding of said blade under the working thrust on the blade.

2,108,238
CLOSURE
Henry A. Strelow, Milwaukee, Wis., assignor to The Heil Co., Milwaukee, Wis., a corporation of Wisconsin
Application September 26, 1936, Serial No. 102,635
12 Claims. (Cl. 220—57)



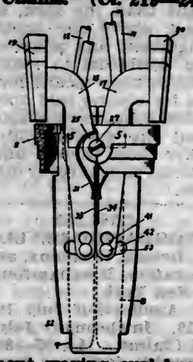
1. In combination, a receptacle having an opening, a closure pivotally attached to said receptacle and swingable toward and away from said opening, automatically functioning means for holding said closure in sealing contact with said receptacle when said closure is swung toward said opening, and other means for subsequently finally locking said closure in sealing position, said other means being movable to release said automatic holding means.

2,108,239
CUTTER SHARPENING MACHINE
William E. Sykes, Buffalo, N. Y.
Application February 8, 1934, Serial No. 710,261
12 Claims. (Cl. 51—96)



1. In a grinding machine adapted to sharpen the faces of gear cutters of the shaper type, the combination with a grinding wheel and a work supporting plate angularly mounted with respect to each other, of pivot means for mounting said plate for arcuate operating movement in its own plane, means for adjusting said plate and the pivotal point thereof with respect to the axis and face of said wheel whereby said plate may be swung about said pivot means through an arc beneath said wheel, and a work holding device disposed on said plate at a point remote from said pivot means, said work holding device comprising a part adapted to engage the bore of a cutter mounted thereon, and a second pivot means connecting said device to said plate, said second pivot means being upright with respect to said plate and located remote from the center of said work holding device, whereby said device may be adjustably rotated on said plate to vary the distance between the center of said device and the first named pivot means.

2,108,240
SPIRAL CURL HEATER
William A. V. Thomsen, Plainfield, N. J., Carl G. Gross, Mount Vernon, N. Y., and Warner S. Luci, Linden, N. J., assignors, by mesne assignments, to American Machine & Metals, Inc., New York, N. Y., a corporation of Delaware
Application December 17, 1935, Serial No. 54,856
3 Claims. (Cl. 219—24)



1. A permanent waving curl heater including in combination a casing, two opposed double

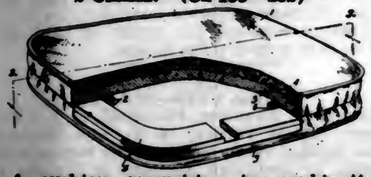
armed levers pivotally mounted within said casing, two elongated inwardly curved curl heating members, each heating member being pivotally mounted between the arms of each of said levers at a median point on the heating members and spring means acting on said levers to impel said heating members toward each other, said levers extending beyond the casing at an end thereof for simultaneous operation by a single hand.

2,108,241
FOOTSTOOL
Leta Wallace, Kansas City, Mo.
Application November 12, 1936, Serial No. 110,471
2 Claims. (Cl. 155—169)



1. An adjustable footstool comprising a pair of connected members each of which are complementary frustums of a rectangular prism, said prism having different dimensions of length, width and height, the plane of separation of said frustums being disposed at an angle to the base, said frustums having different average heights and means for detachably holding said frustums together, whereby the prism may be turned to rest on different bases to vary the height of the footstool and said frustums adapted to be turned and secured in reversed position to give a footstool of different average height, said frustums adapted to be separated and individually used to give footstools of lower effective heights.

2,108,242
ADJUSTABLE CUSHION
Leta Wallace, Kansas City, Mo.
Application November 14, 1936, Serial No. 110,883
2 Claims. (Cl. 155—182)

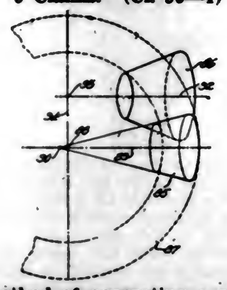


1. A cushion comprising in combination a flexible cover member in the form of a sack having an open end, a plurality of plates each of less area and height than the sack, said plates set within said sack above one another loosely in substantial alignment and adapted to be selectively removed therefrom to reduce the height of the cushion, securing means for said sack including means for closing said open end and an elongated flexible member positioned circumferentially around the cushion intermediate the upper and lower faces thereof adapted to draw in surplus material of said cover member between adjacent plates.

2,108,243
PHOTOGRAPHIC DEVELOPER
Bruno Wendt, Dessau, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y., a corporation of New York
No Drawing. Application July 16, 1936, Serial No. 90,919. In Germany July 23, 1935
5 Claims. (Cl. 95—88)

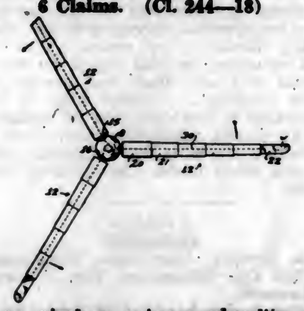
1. A photographic developer comprising an N-hydroxyalkylated p-phenylenediamine.

2,108,244
METHOD OF CUTTING GEARS
Ernest Wildhaber, Irondequoit, N. Y., assignor to Gleason Works, Rochester, N. Y., a corporation of New York
Application February 1, 1936, Serial No. 61,981
9 Claims. (Cl. 90—4)



7. The method of generating a pair of spiral bevel gears so that mating tooth surfaces of the gears will have less than full length tooth contact when in mesh which comprises generating the two members of the pair conjugate to complementary crown gears, each of which has tooth surfaces whose pitch line elements are of general involute lengthwise curvature and identical on opposite sides of the teeth and whose axes are offset from the apexes of the respective gears.

2,108,245
GYRATORY AIRPLANE WING
Thomas Ash, Jr., Los Angeles, Calif.
Application June 2, 1936, Serial No. 83,096
6 Claims. (Cl. 244—18)

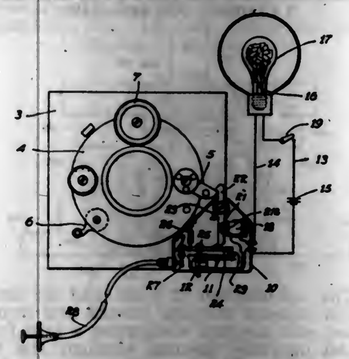


1. In an airplane rotor a plurality of telescopic wings projecting from said rotor, a drum in said rotor mounted to revolve independently thereof and connected with said rotor by a coiled spring causing the drum to normally revolve with said rotor, a cable to each wing connected at one end to the tip of the corresponding wing and at the other end to said drum, and means for retarding rotation of said drum to reel said cable to retract said wings.

2,108,246
PHOTOGRAPHIC APPARATUS
Thomas McG. Aiken, Pittsburgh, Pa.
Application October 12, 1936, Serial No. 105,168
6 Claims. (Cl. 67—29)

1. The combination with a camera shutter which is adapted to be placed under operating tension, of a magnetically-controlled restraining device therefor, a photoflash lamp having its fuse in series with the magnet of said device,

and means for supplying electric current to the circuit of said fuse and magnet, the circuit through the magnet being broken through the rupture of said fuse.



4. The method of timing the movement of a camera shutter with respect to the illumination of an electrical photoflash lamp, which comprises restraining the shutter against movement under spring tension, by an electrical circuit through the lamp, and causing the restraining force to be released through rupturing of the lamp circuit by the flashing of the lamp.

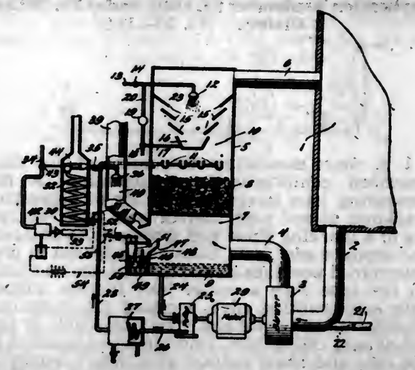
2,108,247
BRACELET AND METHOD OF MAKING THE SAME
Paul J. Bellavance, Attleboro, Mass.
Application January 28, 1937, Serial No. 122,767
4 Claims. (Cl. 29—160.6)



1. A bracelet structure comprising two or more longitudinally curved sections having lateral flanges inbent from flat stock of uniform thickness to form internal channels therebetween, holding members connecting adjacent ends of said bracelet sections and each having a portion fitting within the internal channel of one of said sections and abutting against the lateral flanges carried thereby, and clamping lugs struck down from said flanges engaging portions of said holding members for securing each holding member firmly to a bracelet section.

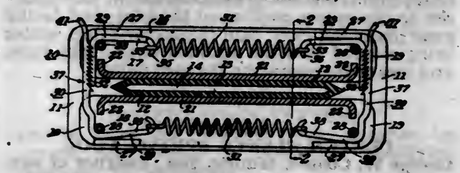
2,108,248
CONDITIONING AIR OR GAS
Francis R. Bichowsky, Ann Arbor, Mich.
Application November 7, 1934, Serial No. 751,959
Renewed July 17, 1937
12 Claims. (Cl. 183—120)

1. The process of conditioning air in an enclosure which comprises withdrawing an air stream from the enclosure, dividing the air stream into two portions and passing said portions through separate contact zones, contacting said air streams with two different streams of hygroscopic liquid from a main body of such liquid and returning the streams of hygroscopic liquid to the main body, and venting one air stream outside the enclosure and returning the other air stream to the enclosure whereby to condition



the air in the enclosure and simultaneously maintain predetermined hygroscopic conditions in the main body of the liquid.

2,108,249
HAIR CLAMP
William H. Bleuel, Derment, Pa., and Samuel Steck, Warren, Ohio
Application February 26, 1936, Serial No. 65,794
4 Claims. (Cl. 132—33)

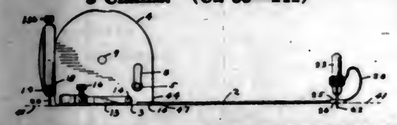


1. A hair clamp comprising structurally independent jaw members arranged to be interengaged when assembled and having complementary clamping surfaces, guiding members on the ends of one jaw member disposed intermediate of the upper and lower edges of the clamping surface and extending therebeyond, and means on said guiding members arranged to detachably engage the ends of the other jaw member to secure said jaw members together.

2,108,250
HYDROGENATED HEAVY OIL
William H. Carmody, Pittsburgh, Pa., assignor to The Neville Company, a corporation of Pennsylvania
No Drawing. Application November 28, 1936, Serial No. 113,260
4 Claims. (Cl. 260—7)

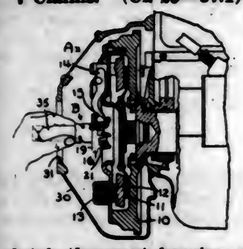
1. As a composition of matter a heavy oil consisting primarily of the soft fluid steam-volatile product of those polymerizables found in crude solvent naphtha resulting from polymerization and reaction of those polymerizables with a phenolic substance in a mixture of crude solvent naphtha and a phenolic reactive and modified further by hydrogenation up to a point at which hydrogen modification serves to render the phenolic heavy oil approximately colorless and odorless and below a point at which the phenolic heavy oil loses its inherent capacity to dissolve cellulose acetate.

2,108,251
CURVILINEAR MEASURING INSTRUMENT
Cuyler L. Clark, Baltimore, Md.
Application September 28, 1936, Serial No. 102,853
3 Claims. (Cl. 33—141)



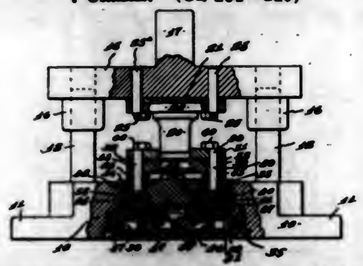
1. A chart measuring instrument of the class described comprising in combination, a flat measuring tape having a plurality of measuring markings at one edge thereof, said edge consisting of a marking guide and setting holes adjacent the opposite edge, said holes being spaced in predetermined positions along the edge, an end plate on the tape with a center hole therein aligned with said marking edge, a center pin resiliently attached to the plate and freely moveable in and out of said center hole, said pin when inserted in the hole and chart surface providing a center of movement for the tape to radially position therewith and circumferentially move therearound, a case for resiliently and extensibly holding the tape and having a flattened peripheral portion adapted to rest flat on a chart and direct the extensible movement of the tape parallel thereto, a cam point mounted on the case arranged to lock in the holes in the said tape and hold the case and tape in predetermined relation with one another and to give a predetermined setting, arms on the case to keep same upright, a rotameter having a chart contacting wheel mounted on the case opposite to the egress position of the tape, and facing away from the case, said rotameter wheel center being aligned with the marking edge of the tape, and means for operating the cam point.

2,108,252
CLUTCH SLEEVE SPRING TOOL
George W. Cooper, Muncie, Ind., assignor of one-quarter to Frank E. Hill and one-quarter to William Miller, both of Muncie, Ind.
Application April 23, 1937, Serial No. 138,655
7 Claims. (Cl. 29—87.1)



1. In a clutch throwout bearing sleeve spring resetting tool, a handle portion having a forward end and a forward edge, and a second portion at the forward end of said first portion and having a forward edge with a plurality of spaced apart lugs projecting longitudinally from said forward edge, one of said portions being movable longitudinally of the other portion, the outer circumference of one of said portions being very slightly less than the central opening through a conventional clutch throwout bearing sleeve and the greatest width of each of said lugs being less than the width of that portion of each of the springs, associated with said conventional clutch throwout bearing sleeve, which normally confines the free ends of conventional clutch pressure levers.

2,108,253
DIE SHOE
John C. Dense, Rochester, N. Y.
Application June 27, 1935, Serial No. 28,695
7 Claims. (Cl. 164—110)



1. The combination of a die and die shoe, of a punch element movable toward and from the die shoe, said die shoe comprising a base formed with an aperture opening through the upper face thereof, a die carrier slidably mounted in said aperture and being formed with a slot extending across its upper face, a fixed die support mounted on the base and extending transversely to said aperture and through said slot in the die carrier, means for detachably securing a die to the upper face of the die carrier with the die arranged in spaced apart relationship from the upper face of said support, said die carrier being cooperable with the punch element, upon movement of the same toward the die shoe, to press the die downwardly into engagement with said die support.

2,108,254
METHOD OF PRODUCING STEEL
Michael J. Devaney, Chicago, Ill.
No Drawing. Application March 11, 1936, Serial No. 68,245
7 Claims. (Cl. 75—45)

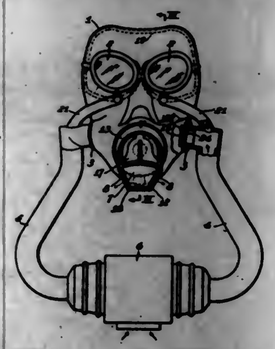
1. The method of producing an improved grade of rimmed steel which comprises pouring steel of rimming qualities into an ingot mould, allowing said ingot to naturally cool for a period of time to produce the desired thickness of rim, adding a deoxidizing agent to the metal in the upper portion of the ingot only, to stop rimming action, and then allowing the ingot to completely solidify.

2,108,255
BUTTON
John A. Devender and William A. Devender, Jackson Heights, N. Y.
Application July 31, 1936, Serial No. 93,563
18 Claims. (Cl. 24—95)



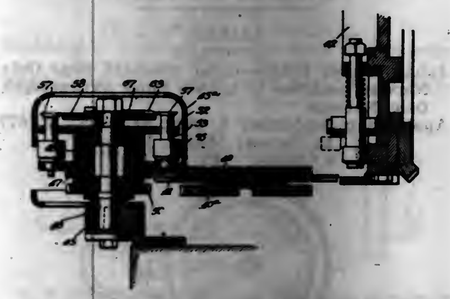
1. In a button, in combination, a button top having a body portion and a downturned peripheral flange, and a one-piece collet interfitting with the button top in gripping relation thereto and constituting the button back, said collet being formed to provide a circularly uninterrupted fastener receiving opening bounded by a fastener turning surface and including circularly continuous bodies of metal integral with the turning surface at the inner and outer sides of the opening.

2,108,256
BREATHING APPARATUS
Joseph B. Dym, Pittsburgh, Pa., assignor to Mine Safety Appliances Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application May 13, 1936, Serial No. 79,509
11 Claims. (Cl. 128—141)



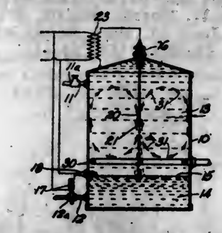
1. Breathing apparatus comprising a face-piece, an eye-piece mounted therein, an air hose connected at one end to said face-piece, means associated with the interior of said face-piece and adapted to engage the face of a wearer for dividing the face-piece into eye and breathing compartments sealed from each other, a tube connecting said hose to said eye compartment, a check valve mounted in said hose between said tube and breathing compartment, and an exhalation valve associated with said breathing compartment.

2,108,257
DETECTOR MECHANISM FOR CROWN CAP ASSEMBLING MACHINES
Roy Earling, Baltimore, Md., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md., a corporation of New York
Application May 16, 1934, Serial No. 726,013
7 Claims. (Cl. 209—82)



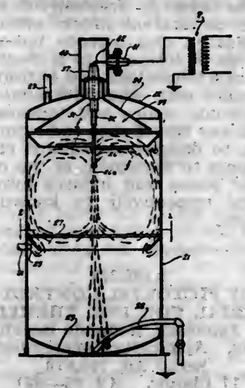
1. A mechanism for gauging caps upon a cap conveyor, comprising a rotatable member, cap engaging means movable in said member, means to position said engaging means on a cap, cam means to move said engaging means out of engagement with a cap of a predetermined configuration, means to hold said engaging means in contact with a cap not of said predetermined configuration, said cam means being movable with respect to said engaging means to prevent the latter from being held against movement by contact thereof with a cap of improper configuration.

2,108,258
ELECTRIC DEHYDRATOR
Harmon F. Fisher, Long Beach, Calif., assignor to Petroleum Rectifying Company of California, Los Angeles, Calif., a corporation of California
Application November 30, 1931, Serial No. 577,997
15 Claims. (Cl. 204—24)



1. A method of treating an emulsion by the use of a rod-like electrode having a terminal portion, which method includes the steps of: establishing an electric field at the end of said terminal portion and around said electrode, which field around said electrode is much more intense adjacent said electrode than at a position spaced therefrom; moving the fluid to be treated in the most intense portion of said field around said electrode and in a direction toward said terminal portion whereby said fluid moves from said terminal portion and is influenced by said field at the end of said terminal portion; and maintaining a dielectric material in a portion of said field around said electrode, which portion is less intense than that portion of the field through which said fluid to be treated is moved, said dielectric material being of higher dielectric strength than said fluid to be treated.

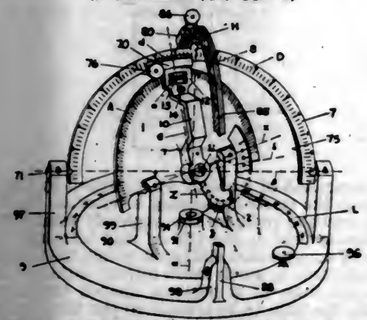
2,108,259
DEHYDRATION SYSTEM
John M. Cage, Los Angeles, Calif., assignor, by mesne assignments, to Petroleum Rectifying Company of California
Application April 25, 1930, Serial No. 447,203
4 Claims. (Cl. 204—24)



1. In combination in an electric treater for emulsions: a tank providing top and bottom members cooperating in defining a chamber; and means for setting up a ring circulation in said tank which is upward immediately inside said tank and downward in the central portion of said tank, said means including a central live electrode extending downward in said tank and a baffle plate extending inward from said tank

below said top member for deflecting inward toward said live central electrode any emulsion rising immediately inside said tank toward said baffle plate.

2,108,260
NAVIGATIONAL INSTRUMENT
Charles W. Harris, Seattle, Wash.
Application June 14, 1935, Serial No. 26,589
2 Claims. (Cl. 33—1)

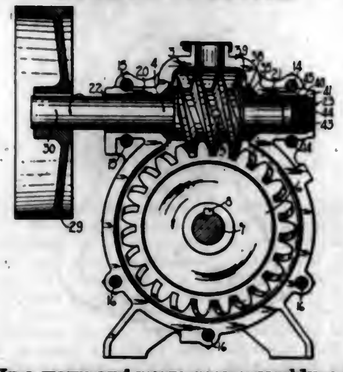


1. A navigational instrument comprising a fixed hour-angle scale, a pivoted declination scale disposed at all times in a plane normal to the plane of said hour-angle scale and swingable relatively thereto, an hour-angle index fixed upon said declination scale and swingable therewith over said fixed hour-angle scale, a declination index swingable along the declination scale, a pivoted altitude scale, an altitude index swingable along said altitude scale and pivotally connected to said declination index to move conjointly therewith but swingable relatively thereto, a latitude indicator disposed at all times in a plane normal to the plane of said hour-angle indicator, and including an index rotatable about an axis in the plane of the hour-angle scale and normal to the pivot axis of the altitude scale, a pivoted azimuth indicator disposed at all times in a plane normal to the plane of said altitude indicator, the axes of rotation of said hour-angle index, declination index, altitude index, azimuth indicator, and latitude index being so interrelated as to intersect in a common point, and means interconnecting said latitude and azimuth indicators with said hour-angle, declination and altitude scales and indexes to effect movement of any two of such indicators or scales and indexes, to designate resultant characteristics, in response to movement of the other three indicators or scales and indexes into positions corresponding respectively to known or given characteristics.

2,108,261
METHOD OF PICTORIAL CONTROL AND MATERIAL FOR USE THEREIN
Paul H. Jamieson, Redondo Beach, Calif.
No Drawing. Application September 19, 1934, Serial No. 744,670
17 Claims. (Cl. 95—88)

1. In the art of photographic pictorial control, the method of treating a silver deposit in a gelatine emulsion, which comprises: separately applying to such an emulsion a non-aqueous iodine solution containing an oleaginous iodine solvent, and an aqueous medium for controlling the hydration of the gelatine in such emulsion, and subsequently subjecting said emulsion to a photographic "fixing" treatment.

2,108,262
WORM AND WORM GEAR ASSEMBLY
Frank D. Jones, Ottumwa, Iowa, assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa, a corporation of Iowa
Application November 3, 1933, Serial No. 696,526
3 Claims. (Cl. 308—166)



1. In a worm and worm gear assembly, a worm, a shaft upon which said worm is fixed, a housing consisting of two opposing half sections enclosing said worm and said shaft, said housing sections having opposing recesses therein forming a bearing opening, a radial bearing slidingly supported in said opening, one end of said shaft being journaled and supported in said bearing, said bearing being provided with means at one end for resisting the end thrust of said worm, a member abutting the other end of said bearing and slidably disposed in said opening, abutment means having a threaded perforation therein disposed longitudinally of said opening, a screw in said threaded perforation and bearing against said member whereby said bearing may be shifted longitudinally in said opening by adjusting said screw to take up wear upon said thrust resisting means, and means for clamping said housing sections together to lock said bearing in any position of adjustment.

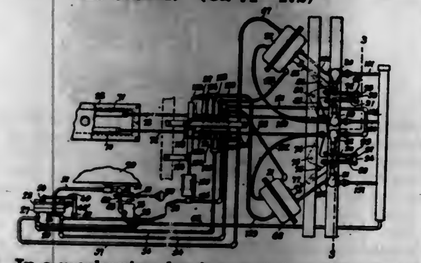
2,108,263
COMPASS
Johan Henrik L'Abée-Lund, Slemdal, near Oslo, Norway, assignor to L'Abée Lund Aktieselskab, Oslo, Norway
Application September 3, 1935, Serial No. 39,077
In Norway May 8, 1934
8 Claims. (Cl. 33—224)



1. A compass comprising a case, a compass magnet rotatably mounted in said case, means operable from outside the compass and capable of being coupled with said magnet, a pointer for indicating the march direction rotatably mounted in said case and adjustably connected to said magnet, means operable from outside the compass and capable of being coupled with said pointer, a member for compensating the magnetic

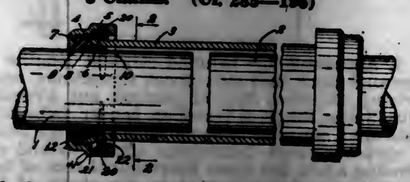
variation rotatably mounted in said case and adjustably connected to the compass magnet and to said pointer, and means operable from outside the compass and capable of being coupled with said member, whereby said pointer and said member are adjustable from outside the compass in relation to each other and to said compass magnet.

2,108,264
GEAR SHIFTING MECHANISM
James A. McDaniel, Memphis, Tenn.
Application August 9, 1933, Serial No. 684,449
16 Claims. (Cl. 74—472)



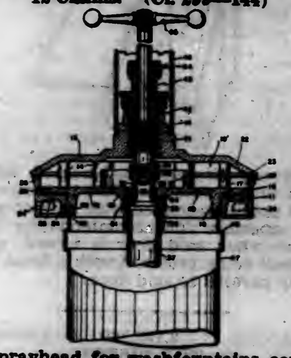
1. In a mechanism having an internal combustion engine, an intake manifold therefor and change-speed gearing, the combination of gear-shifting devices, means whereby the character of the gear change may be predetermined, means operated by the suction of the intake manifold for actuating the gear-shifting devices, said means including sliding transmission rods, pistons connected to said rods for moving them in opposite senses to produce different speeds, casings for said pistons, connections from said manifold to said casings for causing suction effects at opposite sides of the pistons, pipes for admitting air to that side of the piston where suction is not being exerted, valves in said pipes, and means for normally locking a valve positively in open position during the operation of a corresponding piston.

2,108,265
PIPE OR ROD COUPLING
Stoddard B. Martin, Lakewood, Ohio, and Charles Bernard Waechter, Bradford, Pa.
Application December 14, 1936, Serial No. 115,672
3 Claims. (Cl. 285—196)



1. A coupling of the class described including a sleeve for accommodating a pipe or rod end and having one end inclined outwardly, packing means carried by the pipe or rod end and abutting said pipe or rod end and the inner wall of the inclined sleeve end, a cap having portions overlying the packing means and the inclined wall of the sleeve and having an annular flange encircling said adjacent sleeve end, said flanged portion having a plurality of internally formed inclined bearing surfaces formed therein, and means to compress the packing against the sleeve inclined wall and the adjacent pipe or rod end, said last named means including a plurality of wedge members insertable within the annular flange and slidable circumferentially of the pipe or rod end into engagement with the respective inclined bearing surfaces formed within the annular flange.

2,108,266
WASH FOUNTAIN SPRAY HEAD
Howard A. Mullett, Milwaukee, Wis., assignor to Bradley Washfountain Company, Milwaukee, Wis., a corporation of Wisconsin
Application October 16, 1936, Serial No. 105,896
12 Claims. (Cl. 299—144)



1. A sprayhead for washfountains comprising separable members formed to provide a chamber having downwardly inclined peripheral spraying orifices, one of said members having spaced top and bottom walls, the other of said members being a ring member movable to a cleaning position to permit flushing of said chamber, and means for introducing water into said chamber, the movement of said ring member to a cleaning position not interfering with the operation of said last named means.

2,108,267
BLADE FOR SAFETY RAZORS
Bernard O'Neill, Sheffield, England, assignor, by mesne assignments, to American Safety Razor Corporation, Brooklyn, N. Y., a corporation of Virginia
Application August 21, 1935, Serial No. 37,245
In Great Britain February 7, 1935
1 Claim. (Cl. 30—348)

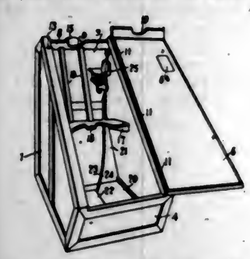


An improved blade for safety razors comprising in combination a single cutting edge, a reinforcing sheath along the opposite edge, and very slight corrugations formed in the metal of the blade having axes of propagation substantially parallel to said cutting edge but converging and diverging slightly with respect to each other, said corrugations extending from a region adjacent said sheath to the point at which said blade tapers to form the operative portion of the blade.

2,108,268
ELECTROTHERMO BATH
Ira M. Peterman, Gettysburg, Ohio, assignor to The Peterman Incubator Company, Gettysburg, Ohio, a corporation of Ohio
Application September 28, 1936, Serial No. 102,923
11 Claims. (Cl. 128—374)

11. In an electrothermo bath, a cabinet having a base wall having attached thereto a pair of

vertical side walls and a plurality of inclined walls, said walls being connected by a framework hingedly supporting an inclined door adapted, of its own weight, to be retained in closed position, one of said inclined walls being adapted to provide a foot rest and another of said walls, substantially opposite said last-named wall, being provided with a notch adapted to cooperate with a second notch associated with said door, to provide an aperture for accommodating the neck of a user when said door is closed, said last-named wall being provided with a head rest substantially parallel to said door.



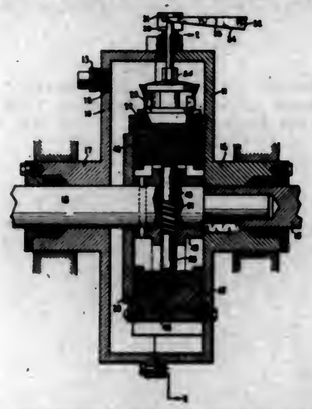
2,108,269
TOY PISTOL
Robert J. Rickenbacher, Columbus, Ohio, assignor to The Kilgore Mfg. Company, Westerville, Ohio, a corporation of Ohio
Application July 20, 1935, Serial No. 32,340
25 Claims. (Cl. 42—57)



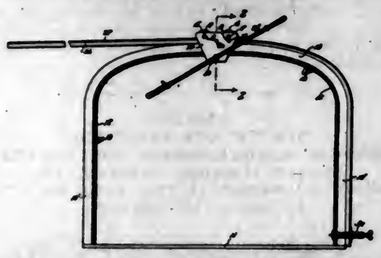
1. In a toy pistol, the combination of a removable ammunition carrier having an anvil, a pistol with a barrel for supporting said carrier, means for firing the ammunition in said carrier, means for feeding the ammunition step by step to be so fired, a revolving cylinder mounted adjacent said barrel with its axis parallel thereto to simulate the cartridge-holding cylinder of a revolver, and means for moving said cylinder step by step with the movement of the ammunition on the carrier.

2,108,270
FLUID-OPERATED CHANGE-SPEED GEAR
Clarence T. Rogers, New York, N. Y., assignor to Edward T. Condon, New York, N. Y.
Application November 24, 1934, Serial No. 754,581
4 Claims. (Cl. 192—58)

1. A fluid-operated change-speed gear comprising a liquid-sealed housing, a driving shaft for rotating the same, a casing eccentrically mounted within the housing and rotatable therewith, said casing being provided with a permanently open, peripheral, liquid-admission port and with a peripheral, liquid-outlet port circumferentially spaced from the said admission port, a valve for controlling the outflow of liquid through said outlet port, a lever pivotally mounted upon the casing having its one end adapted to bear upon the valve and its opposite end weighted to react centrifugally for closing the valve, a spring mounted in the opposite end of the lever and compressed between said opposite end and the inner face of the housing wall, a rotor mounted concentrically within the casing and a driven shaft rotatable therewith and extending coaxially through one side of the housing, and oppositely directed vanes rotatable with the rotor and slidable radially thereof to contact the inner surface of the surrounding eccentrically disposed casing, there being contained within the housing and casing a suitable liquid.

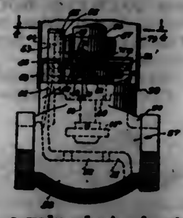


2,108,271
CHANNEL-IRON BENDING APPARATUS
Howard H. Samuel, Hackettstown, N. J.
Application July 15, 1936, Serial No. 90,672
8 Claims. (Cl. 153—32)



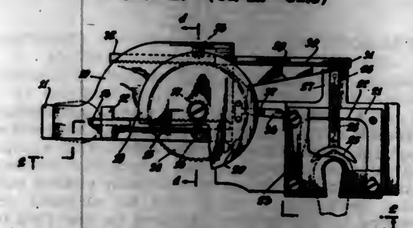
1. Apparatus for bending straight lengths of metallic stock into curvilinear formations, comprising an anvil bar of desired but irregular curvilinear shape, a traveling bender embracing said anvil bar so as to be movable along the same, a sprocket chain immovably affixed to and extending along the inner longitudinal face of said anvil bar and conforming to the shape of the latter, the cross pins of said chain constituting equi-spaced rack teeth adapted to conform themselves to the anvil bar curvature without alteration of pitch through all variations of the irregular circular pitch line required to follow said anvil bar curvature, a drive sprocket carried by said traveling bender to mesh with said sprocket chain, means to rotate said sprocket, and bending roll means journaled in said traveling bender to oppose and cooperate with the outer face of said anvil bar, the stock to be worked being disposed between said bending roll means and the outer face of said anvil bar.

2,108,272
COMBINED VALVE AND PRESSURE GAUGE
Alfred Seyfarth, Altenburg, Germany, assignor to Charles L. Gulick and Siegfried Ruppricht, both of New York, N. Y.
Application December 27, 1935, Serial No. 56,323
8 Claims. (Cl. 73—109)



5. In a gauge, a valve device having a plurality of pressure chambers formed therein, a portion of said device comprising a support for elements of said gauge, and an operative member of said valve extending from said support, a Bourdon element carried on said support about said member and having its interior communicating with one of said chambers, a second Bourdon element carried on said support about said member and having its interior communicating with the other of said chambers, a pivot shaft carried on said support, a pair of indicator arms pivotally supported on said shaft, a graduated scale plate positioned on said member in cooperative relation to one of said arms and a second graduated scale plate spaced apart from said first scale plate and positioned in cooperative relation to said second arm, a link member connecting said first Bourdon element to one of said arms, a link member connecting said second Bourdon to the other of said arms, and an enclosure for said gauge formed in part by said support, said enclosure having a window formed therein through which said indicator arms and said scale plates are visible.

2,108,273
MACHINE FOR TREATING HEEL SEATS OF SHOES
Edward F. Small, Newtonville, Mass., assignor to Compo Shoe Machinery Corporation, Boston, Mass., a corporation of Delaware
Application September 12, 1936, Serial No. 100,437
3 Claims. (Cl. 12—31.5)



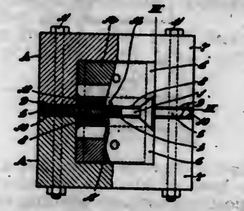
1. A heel seat cutting-on machine comprising, cutting means for severing a marginal strip from the outsole at the heel seat of a shoe, a movable rest engageable with said shoe to position it with respect to said cutting means, a sliding wedge guided for movement with respect to said rest and arranged to present different portions of its wedge face as a limiting abutment for said rest, a pointer adapted to be moved into registry with a heel size indicator, and means for transmitting movement from said pointer to said wedge.

2,108,274
STOCK FEEDING APPARATUS FOR SCREW-MACHINES
Herbert E. Tautz and Martin Heinrich, Milwaukee, Wis., assignors to said Herbert E. Tautz
Application May 22, 1936, Serial No. 81,256
5 Claims. (Cl. 29—59)



1. The combination, with a machine tool having means for clamping bar stock, of a supporting guide for receiving the bar stock, means for impelling the stock along said supporting guide to said clamping means, and means controlled conjointly with said clamping means for actuating said impelling means upon the release of said clamping means, said actuating means including a friction clutch and a resiliently mounted movable member for engaging said clutch and for limiting the frictional engagement of said clutch.

2,108,275
ELECTROMAGNETIC DEVICE AND METHOD OF MAKING SAME
Roelof Vermeulen and Arend Thomas Van Urk, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application April 17, 1935, Serial No. 16,872
In Germany May 17, 1934
6 Claims. (Cl. 179—100.41)



1. An electromagnetic device comprising, a coil, means for producing a magnetic field, a member of non-magnetic material having supporting surfaces lying in a common plane, a pole piece rigidly secured to said member and having pole faces lying in the plane of said supporting surfaces, an armature adjacently disposed to said pole faces, and means for suspending said armature from the supporting surfaces of said member.

2,108,276
JOINT COMPOUND
Lewis L. Wadsworth, Winchester, Mass.
No Drawing. Application January 4, 1936, Serial No. 57,515
2 Claims. (Cl. 106—8)

1. An improved joint compound comprising substantially the following elements: Quick-setting cement, two pounds, finely divided metallic aluminum, .02 of one per cent of the weight of the cement, finely divided, degreased iron filings, four per cent of the weight of cement, lamp black, two per cent of the weight of cement, fine, sharp clear sand, one-fourth of the bulk of cement, finely powdered hydraulic lime, one-tenth of the bulk of cement.

2,106,277
REACTING HYDROCARBONS WITH ALKALI METALS
Joseph F. Walker, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 15, 1936, Serial No. 64,172
17 Claims. (Cl. 260—168)

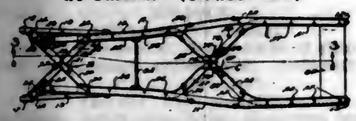
1. A method of effecting the addition of an alkali metal to a polycyclic aromatic hydrocarbon which comprises reacting the alkali metal and said hydrocarbon in a reaction medium comprising a dialkylamino aliphatic mono ether containing not more than 7 carbon atoms, having a chain of not more than two carbon atoms between the oxygen atom and any nitrogen atom and having no alkyl attached to the ether oxygen atom which contains more than 2 carbon atoms, the alkyl radicals of any dialkyl amino group in said ether containing not more than 3 carbon atoms each, in sufficient amount to promote the reaction.

2,106,278
PACKAGE
Calvin R. Webber, Brooklyn, N. Y., assignor to Packers Tar Soap, Inc., a corporation of New York
Application January 29, 1934, Serial No. 708,727
5 Claims. (Cl. 206—47)



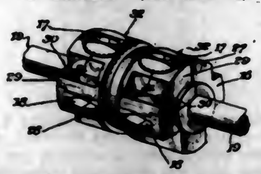
1. A container having a closure, and a foldable display slide within the container shiftable to exposed position without opening said closure, said slide having an extension adapted to be unfolded when the slide is in exposed position.

2,106,279
MOTOR VEHICLE FRAME
Thomas R. M. Wheat, Highland Park, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware
Application February 21, 1934, Serial No. 712,276
26 Claims. (Cl. 280—106)



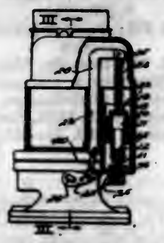
1. A motor vehicle frame structure including spaced side members extending longitudinally of the frame structure, means connecting said side members near one end of said frame structure, said frame structure having arms at said end thereof, said arms diverging longitudinally of the frame structure from said connecting means to provide load receiving end portions respectively spaced longitudinally beyond the ends of said side members, said connecting means for said side members being disposed between said diverging arms and said side members whereby said connecting means structurally connects said diverging arms with said side members.

2,106,280
MACHINE FOR PACKING BOOK MATCHES
Charles F. Wright, Akron, Ohio, assignor to The Diamond Match Company, New York, N. Y., a corporation of Delaware
Application May 8, 1937, Serial No. 141,384
5 Claims. (Cl. 226—4)



1. In a machine for packing match books each including a cover having a flat back and a folded front portion, the combination with means for feeding the books end to end with the heads of their respective matches pointing in the same direction, of positioning means including a turret for receiving the said books and reversing the endwise position of alternate books as to the match heads and coincidentally facewise reversing the alternate books carried by the turret, and means for ejecting said books successively from the turret, whereby each alternate book is disposed with its flat back in contact with the folded front of the next adjacent book.

2,106,281
CARBURETOR
Frederick O. Ball and Thomas M. Ball, Detroit, Mich.
Application April 2, 1934, Serial No. 718,576
8 Claims. (Cl. 261—34)



1. In a carburetor, pick-up pump mechanism including a fuel chamber having an outlet for supplying fuel to an internal combustion engine fuel mixture passage, a fuel displacing member in said chamber, means for normally closing said outlet including a valve and an element responsive to the pressure applied on the fuel of said chamber by said fuel displacing member for holding said valve in open position, and apparatus for operating said fuel displacing member having a resilient element constructed and arranged to continue the fuel discharging operation thereof after actuation of said operating apparatus is discontinued and including an element movable relative to said fluid displacing member constructed and arranged to limit the opening of said valve when said operating apparatus is actuated rapidly.

2,106,282
PROCESS OF BLEACHING BEESWAX
Donald J. Campbell and Le Roy P. Lemdon, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application April 30, 1935, Serial No. 18,071
13 Claims. (Cl. 87—19)

1. In a process of bleaching beeswax the step which comprises treating the wax while in a molten condition with a solution of hydrogen peroxide in the presence of zinc oxide as a bleaching promoter.

2,106,283
AIR CONDITIONING DEVICE
Ralph L. Drew, North Plymouth, and Stephen A. Reed, Duxbury, Mass., assignors to Plymouth Cordage Company, North Plymouth, Mass., a corporation of Massachusetts
Application May 18, 1935, Serial No. 22,206
10 Claims. (Cl. 183—49)



1. An air filtering unit comprising a container having openwork front and rear faces; filtering contents therefor comprising a flat mat of loosely associated hard vegetable fibres; and an interior grid, crossing the container beside a face of the mat, and pressing against the fibres at said face, having thin strips of substantial breadth set edgewise in the direction of air flow, crossing each other and halved together.

2,106,284
METHOD OF PRODUCING PHOTOGRAPHIC EFFECTS AND FILMS THEREFOR
Charles B. Dreyer, Los Angeles, Calif., assignor of one-half to Henry F. Beeger, Los Angeles, Calif.
Application April 2, 1934, Serial No. 718,559
2 Claims. (Cl. 95—9)



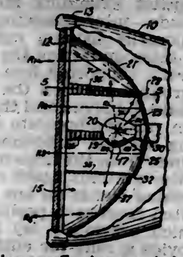
1. A film for use in making monochromatic negatives, the prints of which are adapted to create the effect of depth, comprising: a carrier strip provided with two closely adjacent emulsions on one side of the carrier strip, both of said emulsions being of the panchromatic type, said emulsions being separated by a thin layer of translucent material adapted to diffuse light, said layer being sufficiently permeable to light to permit printing, said layer of translucent material including a dye adapted to substantially prevent one of said emulsions from recording a portion of the spectrum to which the other emulsion is sensitive.

2,106,285
METHOD AND APPARATUS FOR MAKING AND TREATING ARTIFICIAL FIBERS
Henry C. Forrest, Merchantville, N. J.
Application February 20, 1935, Serial No. 7,326
8 Claims. (Cl. 18—8)



7. In an apparatus for manufacturing artificial fibers, a device for extruding a multiplicity of filaments, means for collecting the filaments into an untwisted rope, a tank, a pair of vertically spaced rollers in said tank, means for causing said rope to spiral about said rollers to form a multiplicity of vertical reaches between the rollers, and means for maintaining a liquid in said tank with its surface at a level between the upper and lower ends of said vertical reaches.

2,106,286
LAMP CONSTRUCTION
Charles E. Godley, Ferndale, Mich., assignor to United Lens Corporation, Detroit, Mich., a corporation of Delaware
Application December 18, 1935, Serial No. 54,964
5 Claims. (Cl. 240—41.36)



5. A one piece reflector containing horizontally positioned paraboloid reflecting surfaces having slightly spaced foci; a transition surface interposed between adjacent paraboloid surfaces, said transition surface formed with a series of interconnected convex flutes extending transversely along said transition surface, and the axis of each of said flutes being angularly arranged with respect to the axis of the reflector.

2,106,287
MEANS FOR CHECKING AND RECORDING EGG PRODUCTION OF HENS
Orlando E. Kellum, Moreno, Calif.
Application October 2, 1933, Serial No. 691,962
10 Claims. (Cl. 119—47)

1. An apparatus for recording the egg production of hens comprising: an enclosed coop having an opening, a gate normally locked against egress from the nest and forming a closure for said

opening, a photographic unit mounted adjacent a margin of said opening and operable by said gate when it is opened by the passage of a hen through said opening, for photographically recording a number, symbol, or character affixed



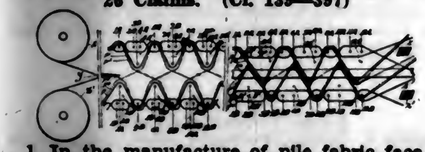
to the body of the hen within the range of said photographic unit, and means rendered operative by the deposit of an egg in said coop for unlocking said gate to permit the egress of a hen from the nest.

2,108,288

MANUFACTURE OF PILE FABRICS

Joseph Kubicky, Brandywine Summit, Pa., assignor to Collins & Aikman Corporation, Philadelphia, Pa., a corporation of Delaware

Application May 29, 1934, Serial No. 728,142
26 Claims. (Cl. 139—397)



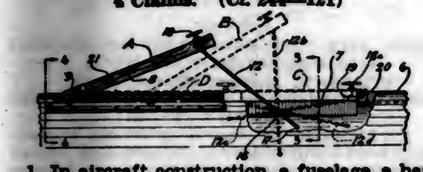
1. In the manufacture of pile fabric face to face with the ground of one fabric on one side of warpwise extending members having free ends and the ground of the other farbric on the other side of the warpwise extending members, the steps which include—interconnecting said two grounds by temporarily looping cut tuft pile-forming yarn for interconnecting the grounds on wefts of sets of wefts supported free from interlacing with the grounds between the selvages on opposite sides of said members and thereby forming bights of such yarn on opposite sides of said members, weaving off the interconnected portions of said grounds from the ends of said members, spreading the grounds apart so that the yarn sections forming bights on one side of said members are shifted from such positions and the yarn sections which previously lay between the sets of bights provide a zone for cutting said interconnecting yarns, and cutting such yarn sections.

2,108,289

AIRCRAFT WINDSHIELD AND HATCH

Isaac M. Laddon, Buffalo, N. Y., assignor to Consolidated Aircraft Corporation, a corporation of Delaware

Application June 6, 1935, Serial No. 25,234
4 Claims. (Cl. 244—121)



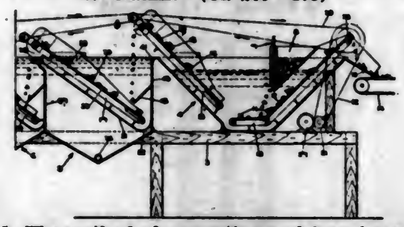
1. In aircraft construction, a fuselage, a hatch comprising an opening therein, a cover member comprising a laterally curved sheet provided with a transparent portion, longitudinally extending guide rails attached to the said fuselage, rollers pivotally attached to forward corners of the said cover member and engaging the said guide rails such that fore and aft movement of the cover member and pivotal movement of the same about the said rollers are permitted, and adjusting means associated with the opposite corners of the said cover member whereby the same is releasably held at any position of the said rollers within the said rails and at any angular position of the cover member with respect to the said fuselage.

2,108,290

METHOD OF CLEANING COAL AND FLUID SEPARATING MEDIUM THEREFOR

Nils D. Levin and Samuel H. Yost, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company, a corporation of Ohio

Application October 11, 1934, Serial No. 747,906
17 Claims. (Cl. 209—173)



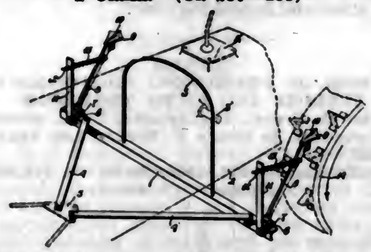
1. The method of separating coal from heavier impurities which comprises introducing raw coal into a separating medium composed of naturally finely divided argillaceous material held in substantially quiescent suspension in water by a relatively small quantity of a deflocculating agent, and removing the cleaned coal from the separating medium.

2,108,291

TRACTOR WHEEL SCRAPER

Malcolm Roy McNally, Lumsden, Saskatchewan, Canada, assignor of one-half to W. Beattie Ramsay, Lumsden, Saskatchewan, Canada

Application May 20, 1936, Serial No. 80,884
1 Claim. (Cl. 280—158)



Improvements in tractor wheel scrapers comprising a transversely positioned angle bar secured to the under side of a tractor forward of the traction wheels thereof, a vertical cantilevered flat bar secured at the lower end thereof at a point adjacent the end of said angle bar, a bearing secured to said angle bar in transverse alignment with respect to said flat bar and an arm pivotally secured to said bearing and extending upwardly therefrom at an angle with respect to said flat bar, said arm terminating in a scraping blade of a curved configuration and

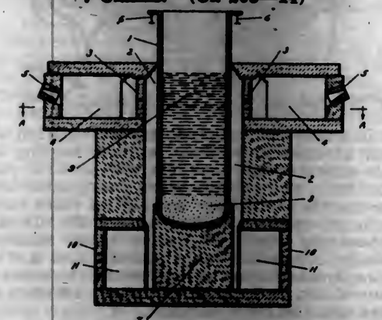
comprising a central upstanding rib and a pair of scraping faces curving away upon either side of said rib so that when bearing against the periphery of a traction wheel the whole scraping edge will be in contact therewith with the end of said rib in advanced position, a screw threaded rod secured at one end at a point upon said arm, the said rod passing through an aperture adjacent the upper end of said flat bar, a coiled compression spring extending over said rod between said arm and said flat bar, the end of said rod which passes through said flat bar being secured against withdrawal, said spring being designed to maintain said blade in continual engagement with the periphery of said traction wheel.

2,108,292

FURNACE AND METHOD OF FIRING

Willard S. McVay, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application April 21, 1936, Serial No. 75,589
7 Claims. (Cl. 262—14)



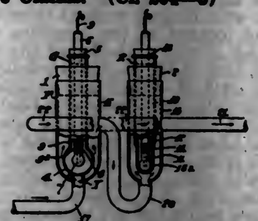
1. A furnace comprising a combustion chamber situated on a higher plane than the lower portion of the object being heated and horizontally opposite a higher portion of said object, a chamber enclosing said object and connecting indirectly at the top through and around a baffle wall with the combustion chamber and at the bottom with a flue, said baffle wall being situated horizontally between the combustion chamber and the object being heated and being adapted to prevent direct impingement of flame and gases from the combustion chamber upon said object.

2,108,293

APPARATUS FOR MEASURING ION-CONCENTRATION

George A. Perley, Philadelphia, Pa., assignor to Leeds & Northrup Company, Philadelphia, Pa., a corporation of Pennsylvania

Application January 10, 1936, Serial No. 58,554
6 Claims. (Cl. 204—5)



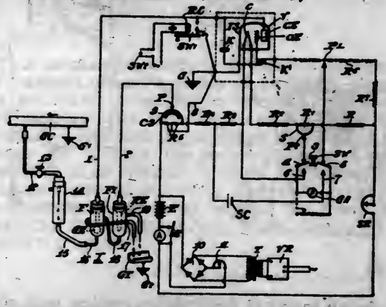
1. An ion-concentration cell comprising a hydrogen-ion electrode, a reference electrode, and a flow-channel comprising separate chambers for said electrodes, an inlet for the hydrogen-ion electrode chamber so disposed that solution entering the flow-channel directly impinges on the active surface of the hydrogen-ion electrode, and a connection for conducting solution from said hydrogen-ion electrode chamber to the reference electrode chamber.

2,108,294

METHOD AND APPARATUS FOR MEASURING ION-CONCENTRATION

Edgar D. Doyle and George A. Perley, Philadelphia, Pa., assignors to Leeds & Northrup Company, Philadelphia, Pa., a corporation of Pennsylvania

Application January 11, 1936, Serial No. 58,623
8 Claims. (Cl. 204—5)



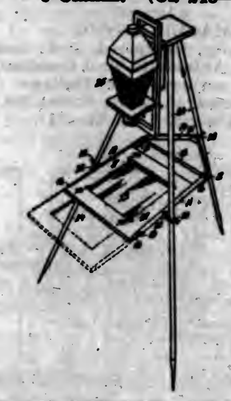
1. A system for continuous measurement of the ion-concentration of a solution comprising an ion-concentration cell, a circuit including said ion-concentration cell and a calibrated source of variable voltage, means for indicating unbalance between the voltages of said source and said cell, means for insulating the electrodes of said cell from ground, and means for feeding the solution to, and discharging it from, said cell in streams which are broken into drops to avoid a conductive path from said electrodes to ground through the solution.

2,108,295

UNIVERSAL EASEL TABLE

Otto J. Prucha, Denver, Colo.

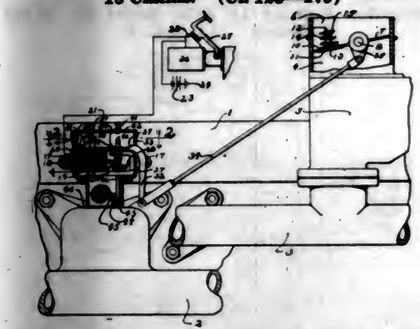
Application March 25, 1935, Serial No. 12,891
6 Claims. (Cl. 248—1)



6. In an adjustable table of the character described, a U-shaped frame adapted to rpceive and

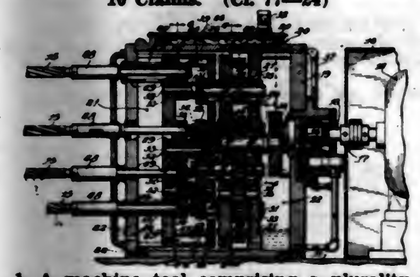
slidably support a panel unit, a terminal extension in hinged cooperation with the closed end of said frame, means operable to clamp said extension in the desired angular relation with said frame, and a clamp swiveled to each of the parallel legs of said frame and to said extension whereby the assembly may be removably secured to and mounted between suitable spaced supports.

2,108,296
AUTOMATIC CHOKE
Andre J. E. Rosalet, Detroit, Mich., assignor to Chrysler Corporation, Detroit, Mich., a corporation of Delaware
Application May 18, 1931, Serial No. 538,133
13 Claims. (Cl. 123—179)



1. In an internal combustion engine unit comprising a carburetor having a choke valve and having operating means for urging said valve toward a closed position to condition said engine for starting; means for predetermining the opening and closing movements of said valve with respect to the temperature of said engine including variable means having a member constructed and arranged to positively limit closing of said choke valve by said operating means; a member carried by said variable means for regulating opening of said choke valve after actuation of said operating means is discontinued; and a temperature responsive means disposed adjacent said engine and directly subjected to temperature changes thereof and coacting with said variable means for controlling the position of said members.

2,108,297
MACHINE TOOL
Robert A. Schafer, Richmond, Ind., assignor to The National Automatic Tool Company, Richmond, Ind., a corporation of Indiana
Application August 15, 1932, Serial No. 628,780
10 Claims. (Cl. 77—24)



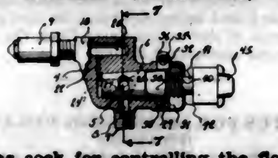
1. A machine tool comprising a plurality of driving elements distributed in regular order in fixed positions over the field of the tool, a common drive for said driving elements, a separate unitary spindle box adapted to be removably mounted upon said machine tool, adapted rotatably to support a plurality of rotary tools adjacent said driving elements and in desired relation to the work, and intermediate driving elements operatively connecting each spindle to one of the first said driving elements, said spindle box providing bearings for both ends of said intermediate driving elements.

2,108,298
ELECTRIC COOKING APPLIANCE
Frank W. Scharf, Western Springs, Ill., assignor to McGraw Electric Company, Chicago, Ill., a corporation of Delaware
Application December 19, 1935, Serial No. 55,184
20 Claims. (Cl. 219—19)



1. In a cooking appliance, the combination with a pair of cooking surfaces, electric heating elements adjacent one face of the respective cooking surfaces and covers over the respective heating elements at said one face, of an outer casing outside of each cover and spaced therefrom, a substantially air-tight hollow hinge structure pivotally connecting said casings and an air-moving means in one of said casings to cause air to move into and out of the space between the covers and the outer casings.

2,108,299
GAS COCK
Elmer G. Steffen, Cleveland Heights, Ohio, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis., a corporation of Wisconsin
Application March 13, 1936, Serial No. 68,621
2 Claims. (Cl. 251—105)



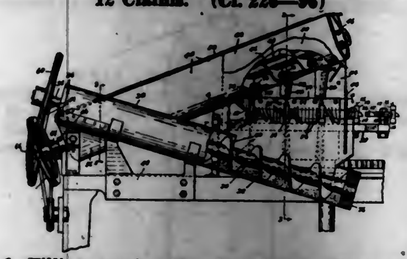
1. A gas cock for controlling the flow of gas to a simmering burner and a main burner, comprising a valve body having a substantially Y-shaped cross section on a transverse plane and having a tapered bore to receive a valve plug arranged with its axis normal to said transverse plane and located at the juncture of the arms and the leg of the Y, the leg of the Y having an inlet port therethrough communicating with the bore, the axis of which lies on said transverse plane, and said valve body also having two parallel spaced outlet ports in the arms of said Y with their axes parallel to the axis of the tapered bore and lying on a plane normal to the axis of the inlet port, said outlet ports being communicated with said tapered bore, one of said outlet ports being for the simmering burner and the other being for the main burner, and a rotatable valve plug seated in said bore, said plug having open passages communicable with the ports and so disposed with respect to the locations of the points of communication of the ports with the bore that upon continued rotation of the plug in one direction and from a predetermined closed position first the simmering burner is supplied with fuel, next both the simmering and the main burners are supplied with the full volume of fuel, and next both the simmering and main burners are supplied with a reduced volume of fuel.

2,108,300
BOX
Dan Sullivan, Fort Worth, Tex., assignor to Pollock Paper & Box Company, Dallas, Tex., a corporation of Texas
Application January 20, 1936, Serial No. 59,524
1 Claim. (Cl. 229—15)



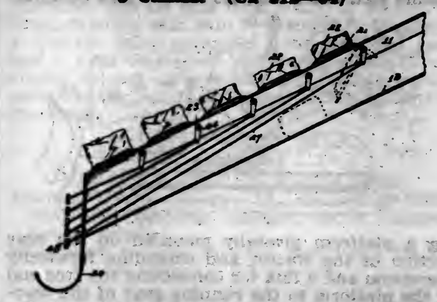
The herein described box comprising, an outer collar member, an upper tray having a bottom affording a partition for dividing the box into upper and lower compartments and a surrounding upstanding marginal flange secured to the inside of the upper portion of the collar member with its upper edge substantially flush with the edge of the collar member, a lower tray having a surrounding upstanding flange adapted to fit slidably in the lower portion of said collar member with the upper edge of said upstanding flange abutting the bottom of the upper tray and said lower tray having an outwardly extending flange extension of its bottom against which the lower edge of said collar member abuts, and a marginally walled cover adapted to fit interchangeably as a closure for either the upper or the lower tray.

2,108,301
FILLING MECHANISM FOR ELECTRIC FUSES
Elmer H. Tayler, Newburyport, Mass., assignor to The Chase-Shawmut Company, Newburyport, Mass., a corporation of Massachusetts
Application February 14, 1936, Serial No. 63,907
12 Claims. (Cl. 226—96)



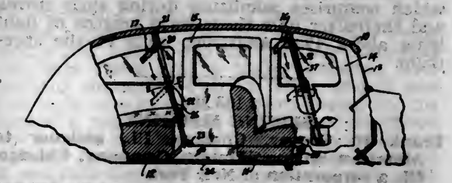
1. Filling mechanism for electric fuses comprising means providing a discharge opening for filling material, means including a continuously rotating conveyor worm that sweeps across said opening for conveying filling material to and for causing filling material to pass through said opening in a continuous stream, means for advancing a succession of open fuse casings into and out of the path of material falling from said opening, and a conveyor worm operative to collect and discharge directly into said first named conveyor worm material which does not enter the fuse casings.

2,108,302
PACKAGE DELIVERING APPARATUS
Edward Barrett, Des Moines, Iowa
Application November 16, 1936, Serial No. 111,625
6 Claims. (Cl. 312—94)



1. A package delivering apparatus, comprising an inclined chute, a series of packages supporting platforms arranged in line above the chute and substantially parallel therewith, each being pivotally supported at its upper rear end, a latch device for holding the lower front end of the platform in its normal position for supporting a package, and a manually operated means for each platform extended beyond the lower front platform for tripping the latch device of the selected platform.

2,108,303
SAFETY DEVICE FOR AUTOMOBILES
Raymond Beddow, Toledo, Ohio
Application November 25, 1936, Serial No. 112,755
1 Claim. (Cl. 280—150)

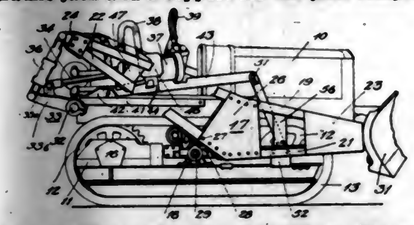


A safety device for automobiles comprising, in combination with a closed body having a front seat, windshield and side doors, a safety belt adapted to be disposed when in use in position between the windshield and seat, spring means carried by each door for urging said belt to position of use, means providing a separable connection between said spring means and belt enabling separation of these parts upon opening of the door, a catch controlling said spring means, and means for releasing said catch to render said spring means operative.

2,108,304
EARTH MOVING DEVICE
Roy E. Choate, Waldo E. Rodler, and William I. Leech, Cedar Rapids, Iowa, assignors to La Plant-Choate Manufacturing Co. Inc., Cedar Rapids, Iowa, a corporation of Delaware
Application September 5, 1933, Serial No. 688,178
1 Claim. (Cl. 37—144)

In an earth moving device including a tractor and running gears for the tractor, a side frame pivotally mounted on the running gears and extending substantially the length of the tractor and projecting in front thereof, a plow blade mounted on the front end of the side frame, a

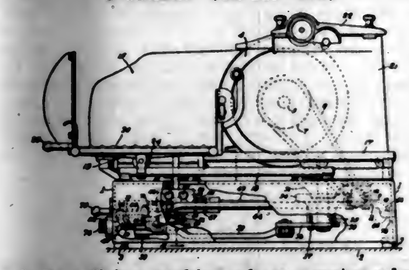
cross shaft pivotally mounted at the rear of the tractor and having a lever arm fixed thereon, a link for connecting the lever arm on the cross shaft with the rear end of the side frame, a hydraulic jack and a support for the jack comprising a platform pivotally mounted on the rear portion of the tractor and extending forwardly therefrom and a link for connecting the free end of the platform to the running gear of the tractor, the jack being pivotally mounted upon the platform and operatively connected with the lever arm on the cross shaft.



2,108,305
PROCESS FOR CURING AND PRESERVING PLANT PRODUCTS
Mayne R. Coe, Washington, D. C., assignor to the Government and the People of the United States of America
No Drawing. Original application December 9, 1933, Serial No. 701,733. Divided and this application September 24, 1936, Serial No. 102,351
6 Claims. (Cl. 99—8)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

1. In the process of air curing hops, the step which comprises admitting during such curing and thereafter only those wave lengths of light lying above 4900 Angstrom units of the spectrum.

2,108,306
SLICING MACHINE
Frank H. Cooper, Chicago, Ill., assignor to American Slicing Machine Company, Chicago, Ill., a corporation of New York
Application September 24, 1936, Serial No. 102,287
5 Claims. (Cl. 146—102)



1. In a slicing machine, a base, a motor, a knife, a driving connection between the motor and the knife, a reciprocating carriage, a driving connection between said carriage and said motor, including a rod, a member reciprocable along and rotatable about said rod, a driving connection between said member and the motor, effective when the member is at one position in its rotation about said rod, and ineffective at another position, adapted to reciprocate said member along said rod, and a connection between said member and said carriage effective when the member is at one position in its rotation about said rod, and ineffective at another position, and manually operable means for rotating said member about said rod, into and out of said effective position, whereby the driving connection is made and broken in response to such rotation.

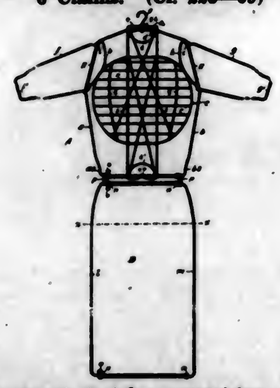
2,108,307
TRAILER COUPLER
Conrad De Valle, Oakland, Calif.
Application August 5, 1935, Serial No. 34,710
5 Claims. (Cl. 280—33.1)



1. In a trailer coupler, a plate adapted to be supported on a truck, a fifth wheel carried by the trailer and slidable over said plate, a pair of pivoted jaws on the plate engageable by the fifth wheel to bring them to a clamping position relative thereto and flanges on said jaws overlying the edges of the fifth wheel to prevent vertical movement thereof when it is surrounded by the jaws.

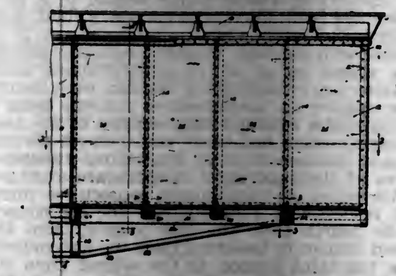
4. In combination with a coupler for a truck and trailer, a jack frame pivoted to the trailer, a subframe pivoted to the trailer forwardly of the jack frame pivot, said subframe carrying the trailer coupler member whereby it will be raised and lowered upon coupling and uncoupling of the trailer and extending rearwardly of the jack frame pivot, and a link connecting the rear end of the subframe with the jack frame to cause the jack frame to be raised and lowered with the subframe.

2,108,308
ADJUSTABLE GARMENT SIZER AND STRETCHER
Margaret Dickey, Portland, Oreg.
Application December 16, 1935, Serial No. 54,689
6 Claims. (Cl. 223—69)



1. A garment stretcher comprising a skirt section and a blouse body section, means detachably supporting the skirt section from the blouse body section, wire arm pieces detachably supported by the sides of the blouse body section, said arm pieces arrangeable to extend outward from the sides of the blouse body section or inward within said body section, and a wire bust-forming section detachably supportable on said blouse body section.

2,108,309
HOUSE CAR CONSTRUCTION
Frank Ditchfield, Cleveland, Ohio, assignor to The Youngstown Steel Door Company, Cleveland, Ohio, a corporation of Ohio
Application August 24, 1935, Serial No. 37,717
7 Claims. (Cl. 105—404)



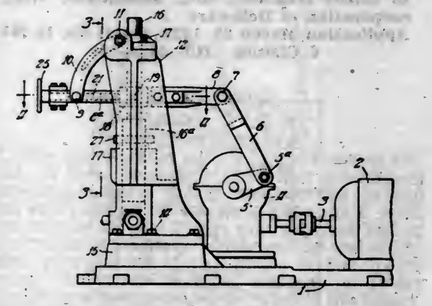
1. A metallic railway house car converted from a house car having originally wooden side walls and metallic underframe including a center sill, bolsters, cross bearers and intermediate sills secured to and extending downwardly below said cross bearers, said converted car comprising said original sills, bolsters and cross bearers, metallic side sills secured to the ends of said bolsters and cross bearers, compression members secured to said side sills extending downwardly and inwardly and secured to said intermediate sills below said cross bearers, compression members secured to said intermediate sills below said cross bearers extending inwardly and upwardly and secured to the upper portion of said center sill, said compression members carrying the horizontal component of the stresses imposed thereon to said center sill whereby said intermediate sill is subjected to the vertical component of said stresses and metallic side walls comprising intermediate and door posts, side plates and metallic sheathing, said posts being rigidly secured to said side sills and side plates, said sheathing being secured to said posts, side sills and side plates.

2,108,310
ROLL GRINDING MACHINE
Herbert J. Griffing, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts
Application December 20, 1935, Serial No. 55,444
14 Claims. (Cl. 51—95)



1. A grinding machine comprising a base, a rotatable grinding wheel and a rotatable work support which are movable longitudinally relative to each other, a transversely movable slide, a pivotally mounted support on said slide for said grinding wheel, means to move said slide to cause a relative approaching or receding movement between the grinding wheel and work support, a rotatable cam on said slide which is rotated in timed relation with said longitudinal movement, a follower roller arranged to engage said cam, and a lever to support said roller which is anchored to said slide and is arranged to engage said pivotally mounted support to rock the grinding wheel.

2,108,311
VARIABLE STROKE MECHANISM
Albert J. Harris, Chicago, Ill., assignor to Hills-McCanna Company, Chicago, Ill., a corporation of Illinois
Application October 26, 1934, Serial No. 750,057
2 Claims. (Cl. 74—40)

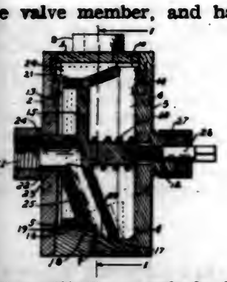


1. Actuating means for a pump piston, comprising a power member having a rotary crank arm, a link having one end pivotally connected with said crank arm, a piston-actuating lever pivotally connected with the other end of said link, said piston-actuating lever being in the form of a yoke extending crosswise of the piston and having members on opposite sides of the piston, a carriage along which the side members of said yoke are slidable and provided with pivot pins forming a pivotal connection with the piston, swinging supporting links pivoted at one end to the end of said yoke opposite said link and pivoted at the other end to the piston casing, and means for adjusting said piston connecting carriage lengthwise of said yoke, said means comprising a rotary threaded bar or rod having one end connected with said carriage so as to permit rotary but prevent longitudinal movement, said threaded bar engaging a threaded member on the yoke, and a rotary handle on said bar rod to turn the same and thereby cause said threaded bar rod to adjust said carriage.

2,108,312
VALVE
Harold H. Holmes, San Jose, Calif.
Application March 10, 1936, Serial No. 68,034
6 Claims. (Cl. 251—144)

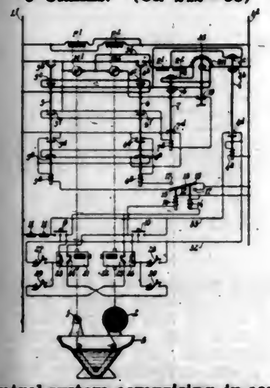
6. A valve of the character described comprising, a housing, a valve member mounted for axial movement therein, the housing and member having cooperating surfaces disposed in both angular and parallel relation to the housing axis whereby to form a passage therebetween when the valve member is moved axially, and passages leading to the passage so formed through both the hous-

ing and the valve member, and having direct



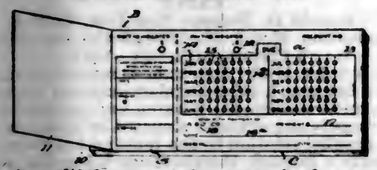
communication with the angularly disposed surfaces in offset relation to each other.

2,108,313
MOTOR CONTROL SYSTEM
Bayard M. Horter, Whitefish Bay, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application March 25, 1935, Serial No. 12,789
6 Claims. (Cl. 242—55)



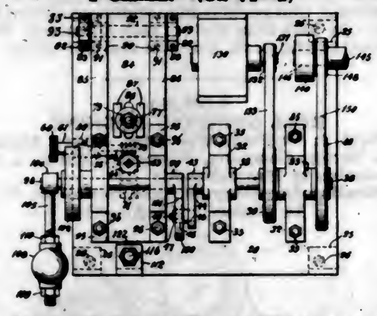
1. A control system comprising, in combination, a pair of direct current dynamo electric machines for transferring material from either of two rolls to the other, each of said machines having a shunt field winding, means for selectively establishing power connections for the armatures of said machines to effect starting of either of said machines as a motor and to thereafter render the other of said machines operable as a braking generator, an armature regulating resistance common to said machines and means associated with said former means for shunting said regulating resistance during starting of either of said machines as a motor.

2,108,314
MULTIPLE PAYMENT COUPON BOOK
Edward A. Kelly, Indianapolis, Ind.
Application February 10, 1936, Serial No. 63,250
4 Claims. (Cl. 283—66)



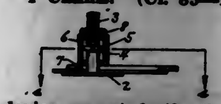
1. A multiple payment coupon book comprising a plurality of coupons superposed one upon another, each coupon except the first four coupons and the last four coupons having thereon five continuously numbered identifying spaces, the first and last coupon each having a single numbered identifying space, the second coupon and the next to the last coupon each having two continuously numbered identifying spaces, the third coupon and the third from the last coupon each having three continuously numbered identifying spaces, and the fourth coupon and the fourth from the last coupon each having four continuously numbered identifying spaces, said identifying spaces being located in a predetermined position on each coupon, so that each numbered identifying space on any coupon is in register with similarly located numbered identifying spaces on all of the other coupons while the latter are in superposed relation, each identifying number on the respective coupons being a duplicate of a corresponding number of the next adjacent coupon but offset with respect thereto in such manner that all registering numbered spaces of the superposed coupons are arranged in five series of continuously consecutive numbers, respectively, running from the top coupon to the fourth from the last coupon, from the second coupon to the third from the last coupon, from the third coupon to the second from the last coupon, and from the fourth coupon to the last coupon of the superposed coupons, each coupon also containing predeterminedly positioned date indicia which are in register with correspondingly positioned date indicia of each of the other coupons while said coupons are arranged in a group and in superposed relation in the numerical order indicated by the registering continuously numbered identifying spaces running from the top to the bottom of the group of superposed coupons, so that the registering date indicia also run successively from the top to the bottom of the superposed coupons.

2,108,315
ROTATING SHAFT CONTROLLING APPARATUS
Vincent Ligueri, Bayonne, N. J.
Application July 11, 1936, Serial No. 90,269
4 Claims. (Cl. 74—1)



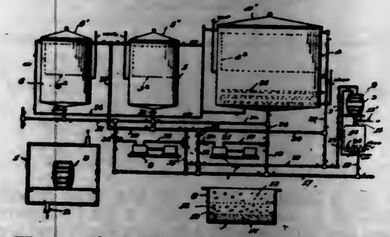
1. In a rotating shaft controlling apparatus the combination of a base plate, a controlling beam having one end thereof hinged to the base plate, a pair of journal brackets supported on said beam, a controlling shaft journaled in said brackets, an arm extending from one end of said controlling shaft, a controlling weight carried by said arm, a supporting bracket extending up from said base plate, a spring suspended from the upper portion of the supporting bracket and the lower end of said spring connected to the controlling beam, an arm having an elongated opening extending from the other end of the controlling shaft, a pair of journal brackets extending up from the base plate, a main shaft journaled in the latter journal brackets, a crank extending from one end of the main shaft, a journal pin extending from said crank, a roller journaled on said journal pin extending into the elongated opening of said arm, means to rotate said main shaft, the rotations of the main shaft transmitted to the controlling shaft through said crank and arm, the coaction of the arm with its controlling weight and said spring oscillating said beam, a journal bracket extending up from said base plate, a shaft to be controlled journaled in the latter journal bracket and transmission means between the shaft to be controlled and the main shaft.

2,108,316
BOLT LOSS PREVENTION MEANS
Frank E. Love, Oklahoma City, Okla.
Application July 9, 1936, Serial No. 89,699
4 Claims. (Cl. 85—1)



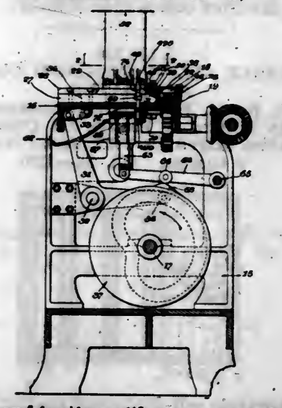
1. In a device, as set forth, the combination with a locking barrel having a well and axially aligned openings in the end walls of the barrel, of a partially threaded bolt shank passable through said openings, a head for said bolt shank, and remote from one end of the barrel, a nut for said bolt shank, and bearing against one end of said barrel, an annular groove in said shank and within the well intermediate of the end walls of the barrel, and a keeper movable longitudinally with relation to said barrel within the well and resiliently co-operating with the annular groove of the bolt shank and being of a size greater than the openings through which the bolt passes.

2,108,317
METHOD OF AGING WHISKY
Thomas T. Miller, Peoria, Ill., assignor of five-twelfths to Alfred J. Bair, Peoria, Ill.
Application May 6, 1935, Serial No. 19,937
4 Claims. (Cl. 99—48)



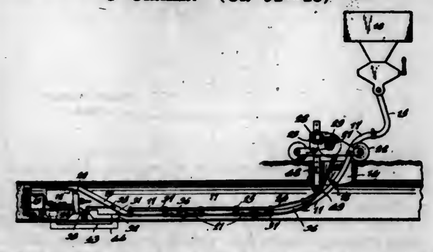
3. The method of producing whisky having flavor and aroma characteristic of aged whisky, which method comprises subjecting whisky spirits lacking the characteristics of aged whisky in a container in the presence of air and at a temperature of from 80° F. to 110° F. for about twenty-four hours to contact with finely divided wood from oaken whisky barrels which have previously held aged whisky and which wood has been impregnated with such whisky in the course of the aging thereof, said wood consisting substantially of that portion of the wood of the barrel which lies immediately beneath the charred portion and interiorly of the outer and substantially unaffected portion of a barrel.

2,108,318
COVER FEEDING AND FOLDING MECHANISM FOR BOOKING MACHINES
John R. Nolan, Larchmont, N. Y., assignor to The Diamond Match Company, Wilmington, Del., a corporation of Delaware
Application September 19, 1936, Serial No. 101,579
12 Claims. (Cl. 93—2)



1. The combination with a cover-receiving element, of cover feeding and folding mechanism comprising a cover feeder reciprocative to and from said element, means for positioning a cover strip flatwise on said feeder and with one end of the strip projecting beyond the acting end of the feeder preparatory to the stroke of the feeder toward the cover-receiving element, a folder movable in a path intersecting that of the feeder, which folder when in one position overhangs the path of the feeder and when in another position underlies the latter path, and means for operating said strip positioning means, feeder and folder in timed relation, whereby in one movement of the folder the projecting end of the cover strip supported by the feeder is bent at the adjacent end of the feeder by the folder, and whereby in the stroke of the feeder toward the receiving element said feeder co-acts with the folder to flex the bent end of the cover strip toward the opposing face of the feeder, thus delivering the end-folded cover to the cover-receiving element.

2,108,319
FEED APPARATUS FOR PIPE COATING MACHINES AND THE LIKE
Albert G. Perkins, Warsaw, N. Y.
Application September 16, 1935, Serial No. 40,679
8 Claims. (Cl. 91—18)



8. Apparatus of the type described, comprising a coating machine adapted to move through a pipe line, propelling means mounted on the coating machine for causing movement thereof,

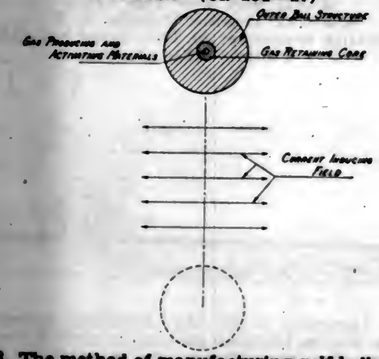
a flexible conveying tube movable within the pipe line and adapted for communication at its discharge end with the coating machine, the feed end of the tube extending externally of the pipe for connection to a material feed unit, and propelling means disposed externally of the pipe line and operatively connected to the tube to draw the latter through the pipe line as the treating machine moves therethrough.

2,108,320
PORTABLE SELF-CONTAINED COOLING APPARATUS
Frank B. Rentz, Wells, Minn., assignor of one-half to Willard E. Fantle, La Crosse, Wis.
Application March 15, 1937, Serial No. 130,987
4 Claims. (Cl. 62—130)



1. A portable self-contained cooling apparatus comprising an outer shell and a main compartment for a heat exchange medium, a receptacle for a cooling medium located in said main compartment, upper and lower tanks connected respectively to upper and lower parts of said main compartment, radiator tubes connecting said upper and lower tanks, a motor driven pump in the connection between said lower tank and the lower portion of said main compartment and a motor driven fan for forcing air between the said radiator tubes, and which outer shell is extended beyond said main compartment to provide an air intake chamber provided at opposite sides with air intake and discharge passages, said fan and motor being arranged in the air intake chamber of said chamber aligned with said inlet and outlet passages, and a drip pan extended along the bottom of said air chamber and below the radiator elements.

2,108,321
GOLF BALL AND THE LIKE
Herbert S. Riddle, Springfield, Mass.
Application July 24, 1934, Serial No. 736,689
5 Claims. (Cl. 154—17)



3. The method of manufacturing golf balls and the like which comprises enclosing within the center portion of the ball a quantity of gas producing material, completing the ball structure as desired and activating the gas producing material by the generation of heat at the center portion of the ball without raising the temperature of the other portions of the ball substantially above their normal tolerance.

2,108,322
WEATHER GUARD
Joel R. Thorp, West Allis, Wis., assignor to The Fulton Company, West Allis, Wis., a corporation of Wisconsin
Application December 28, 1936, Serial No. 117,756
6 Claims. (Cl. 296—84)



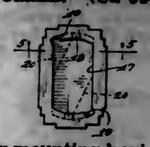
1. In combination with a window having upper and lower forwardly interconnected reveals, a deflector shield having upper and lower forwardly interconnected edge portions swingable in close proximity to the reveals, brackets swingably supporting said shield directly from said reveals, and a weather guard cooperable with said shield edge portions and being secured to said reveals independently of said brackets, said guard being applicable to or removable from said reveals without disturbing said shield supporting brackets.

2,108,323
LOGGING TRAILER
Samuel Weiss, Portland, Oreg., assignor to Vaughan Motor Company, Inc., Portland, Oreg., a corporation of Oregon
Application January 27, 1936, Serial No. 60,968
6 Claims. (Cl. 280—124)



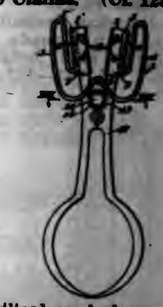
1. In a logging trailer of the type described including a transverse shaft, a load supporting frame pivotally mounted on said shaft and a pair of wheel axles, the combination of axle-boxes attached to said axles, said axle-boxes provided with upper extensions, leaf springs, upper and lower clamping plates securing said leaf springs between them, said transverse shaft pivotally supported by a pair of said clamping plates, the ends of said leaf springs slidably resting on said axle-boxes, means for limiting the lateral movement of each of said spring ends in either direction on said axle-boxes, lower and upper parallel link assemblies connecting said axle-boxes with said lower plates, and connecting the ends of said upper extensions with said upper plates, respectively, and universal joints in said link assemblies.

2,108,324
FINGER RING OR THE LIKE
Joseph H. White and Alexander Fitzner, Chicago, Ill., assignors to Spies Brothers, Inc., Chicago, Ill., a corporation of Illinois
Application July 21, 1937, Serial No. 154,688
13 Claims. (Cl. 63—29)



4. In a jewelry mounting having a substantially flat seat at least over the peripheral portion thereof, a plate adapted to carry a stone, signet or the like having a substantially flat portion for engaging said seat, and members having snap engagement therebetween and disposed on said mounting and said plate for detachably securing said plate on said seat, said snap engaging members being disposed outwardly of the plane of said seat and being operated to secure and to detach said plate to and from said seat respectively by a relative rotative movement between said plate and seat.

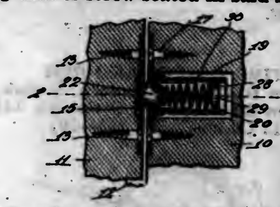
2,108,325
FUNIS CLAMP
Charles E. Ziegler, Pittsburgh, Pa.
Application November 2, 1936, Serial No. 108,688
9 Claims. (Cl. 128—346)



1. An umbilical cord clamp comprising a pair of cooperating cord-engaging jaws each provided with a bore extending longitudinally of the jaw from the rear end thereof, and a looped metal spring having its end portions secured in said bores and urging the jaws toward each other, the intermediate portion of said spring being disposed at the rear end of said jaws, and the portions of said spring between said intermediate and end portions being in the form of loops extending toward the other end of the jaws.

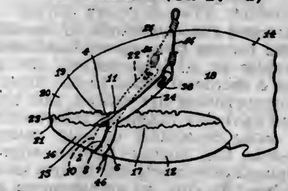
2,108,326
DOOR LATCH
George R. Adams, Los Angeles, Calif.
Application November 11, 1936, Serial No. 110,228
3 Claims. (Cl. 292—73)

1. In a door latch, a plate adapted to be secured to a door jamb, said plate having an opening, an internally threaded flange surrounding said opening and projecting from said plate, a housing screw seated in said flange so as to be screwed in opposite directions through the opening in said plate, a spring-pressed ball within said housing, said flange being provided with a slot that extends partially around its circumference to form a narrow band, a portion of which band is indented, and that portion of the housing that is screw seated in said flange being



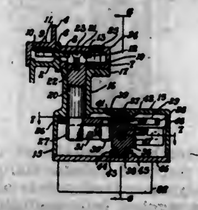
provided with a longitudinally disposed groove that is adapted to receive the indented portion of said band.

2,108,327
LOBSTER CLAW LOCK
Leon Joachim Barwood, Cambridge, Mass.
Application August 16, 1935, Serial No. 36,490
6 Claims. (Cl. 17—1)



1. A lobster-claw lock having an opening for receiving a claw of a lobster leg, the opening having a wall that is adapted to be interposed between the said claw and the other claw of the leg, the lock being provided with a tongue projecting from the said wall for engaging an inner edge of the first-named claw, and means for locking the first-named claw in said opening and the second-named claw contiguous thereto with said wall interposed between the claws and with the tongue engaging the said inner edge of the first-named claw.

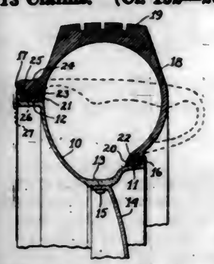
2,108,328
AUTOMATIC OPERATOR FOR CASEMENT WINDOWS AND THE LIKE
Ralph W. Carnahan, near Dayton, Ohio, assignor to The S. H. Thomson Manufacturing Company, Dayton, Ohio, a corporation of Ohio
Application October 4, 1935, Serial No. 43,534
2 Claims. (Cl. 268—19)



1. The combination with a stationary frame, a casement hingedly mounted therein for a swinging movement, a guide, a member movable along said guide, electrical means for shifting said member along said guide, an arm secured to said casement, a shaft for rotating said arm, a second arm loosely secured at one end to said shaft and connected at its other end to said movable member for actuation by the latter, a projection on the second arm, and a flat spring secured at one end to said projection and at its

other end to said shaft to provide a yielding connection between the movable member and the casement.

2,108,329
TIRE CASING AND RIM
Burton D. Carter, Aberdeen, S. Dak.
Application May 10, 1937, Serial No. 141,635
13 Claims. (Cl. 152—20)



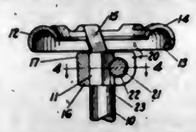
1. In a tire and rim construction, the combination of a rim having two spaced bead seats separated laterally by a drop center, one of said seats having a diameter equal to the inner diameter of the cooperating tire casing, and the other of said seats having a diameter intermediate the inner and outer diameters of said casing, and a straight-side tire casing having edge beads of inner diameters respectively fitting said seats, said larger bead having an enlargement extending laterally outwardly from said casing to constitute an emergency tread.

2,108,330
PIPE CUTTER
James T. Ellis, Lake Charles, La.
Application December 2, 1935, Serial No. 52,498
13 Claims. (Cl. 164—9.7)



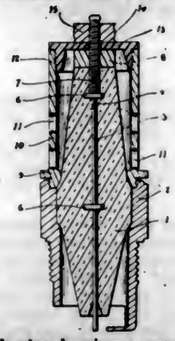
12. A pipe cutter having a hollow body, a plurality of levers disposed substantially longitudinally of said body at spaced points about its circumference and pivoted intermediate their ends to said body to swing outwardly and inwardly at their respective ends with respect to the axis of said body, an outwardly directed blade fixedly mounted on each lever adjacent one end thereof, and an actuator within said body common to all of said levers and cutters and having oppositely disposed longitudinally tapered cam parts adapted simultaneously to contact with each lever above and below its pivotal support to simultaneously and positively move said levers and blades in either direction upon longitudinal movement of said actuator, and to positively position all of said levers and blades according to the position of said actuator.

2,108,331
HANDWHEEL
John R. Graves, Bergenfield, N. J.
Application March 13, 1937, Serial No. 130,654
1 Claim. (Cl. 287—53)



A hand wheel having an offset hub adapted to be non-rotatably secured to a valve stem, said hub having a radial slot and a pair of lugs defining the said slot between them, the said lugs having outer faces parallel to each other, one of said lugs being connected with the wheel throughout its length and the other lug having a free end, a bolt transversely across the said lugs adapted to draw the lugs together and bind the hub tightly upon an end of the stem and to engage a groove in and transversely across the said end to prevent longitudinal dislodgment between the said wheel and stem.

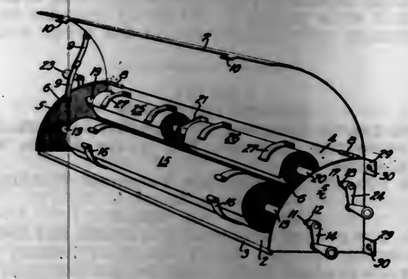
2,108,332
SPARK PLUG
Emile Guillon and Josephat Perrault, Valmarie, Saskatchewan, Canada
Application November 8, 1935, Serial No. 48,915
4 Claims. (Cl. 123—169)



1. In a spark plug having a usual base and porcelain, a two-piece central electrode in said porcelain and a gap between the two parts thereof, the lower piece of said electrode having a wide thin flange embedded in the porcelain at its major diameter where it seats in the plug base, and the upper piece having a similar though somewhat smaller flange near its lower end and a substantially thickened and completely threaded part rising upwards from said flange to a point beyond the porcelain top.

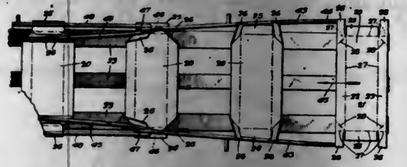
2,108,333
RACK FOR STORING LINENS
Maurine Sims Hardin and Lena D. Sims, Berkeley, Calif.
Application January 28, 1936, Serial No. 61,208
2 Claims. (Cl. 242—55.3)

1. A rack for storing sheet-like fabrics comprising a receptacle provided with end walls and a back wall, a bracket rigidly secured to said back wall and projected transversely across said receptacle, a shaft having one end rotatively mounted in one end of the receptacle, the other end of said shaft having a reduced portion projected through and rotatively mounted in said bracket, a second shaft having a bore in one end complemental to the projected portion of the first mentioned shaft, said second shaft having one end adjacent said bracket rotatively supported by said projected



end and its other end rotatively supported by the other end of the receptacle, so that the shafts are in alinement but independently rotatable, a third shaft rotatively mounted in the ends of said receptacle, and means connected with each shaft for rotating the same.

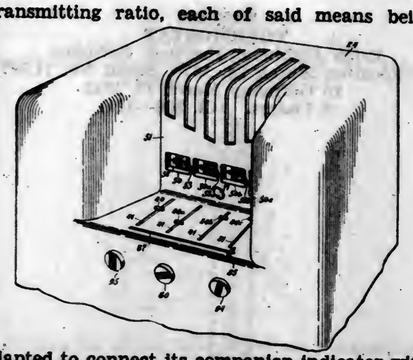
2,108,334
BOX MAKING APPARATUS
Charles G. Hayes, La Grange, Ill., assignor to Chicago Carton Company, Chicago, Ill., a corporation of Illinois
Application June 29, 1936, Serial No. 87,853
3 Claims. (Cl. 93—52)



1. Apparatus for setting up trays of the class described, comprising means for propelling a blank in an edgewise direction, stationary guide means for engaging a portion of said blank to effect folding of such portion rearwardly of the blank as an incident to the travel thereof, stationary guide means for engaging another portion of the blank and operative as an incident to the travel thereof to effect folding of such portion upwardly and inwardly in the direction of travel of the blank and downwardly into overlying relation to a portion thereof.

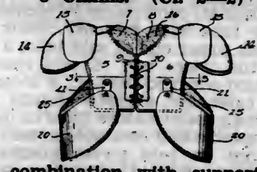
2,108,335
RADIO TUNING CONTROL
Albert E. Hedger, Buffalo, N. Y.
Application October 21, 1936, Serial No. 106,341
14 Claims. (Cl. 250—20)

1. A radio tuning control associated with the tuning condenser of a radio receiving set and comprising: a pair of graduated indicators having their graduations of different length and normally disconnected from the condenser; and a pair of condenser actuating means of different transmitting ratio, each of said means being



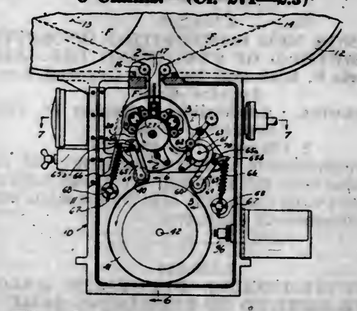
adapted to connect its companion indicator with the condenser.

2,108,336
BODY PROTECTIVE ARMOR
Nelean D. Helland, Milwaukee, Wis.
Application June 16, 1937, Serial No. 148,446
8 Claims. (Cl. 2—2)



1. The combination with supporting means having front and rear portions, of a rib guard element connected to the rear portion of the supporting means and provided with a pivotal connection with the front portion thereof.

2,108,337
FILM DRIVING MEANS
Louis B. Hoffmann, Hollywood, Calif., assignor to Mitchell Camera Corporation, West Hollywood, Calif., a corporation of Delaware
Application November 2, 1936, Serial No. 108,780
8 Claims. (Cl. 271—2.3)



1. Film driving means comprising two film drive sprockets adapted to engage spaced points of a film strip, said film strip forming a film loop between said sprockets, drive means for said sprockets, driving interconnections between said drive means and said sprockets, a mechanical vibration filter in the driving interconnection between said drive means and the second sprocket engaged by the film strip, a film driven drum drivingly engaged by the film loop between the two sprockets, an inertia mass rigidly associated with the second sprocket, and another inertia mass rigidly associated with the film driven drum.

2,108,338
THERMOSTAT
Erich Juchheim, Ilmenau, Germany
Application March 28, 1936, Serial No. 71,417
In Germany March 12, 1935
6 Claims. (Cl. 200—141)



1. A thermostat, comprising in combination a thermometer tube with mercury filling, an extension on the upper end of said tube, a widened portion on the upper end of said extension, a bearing in said widened portion, a second bearing in said extension, a screw spindle mounted in said bearings, an armature fixed on the upper end of said spindle and rotatable in said widened portion, a nut on said screw spindle secured against rotation in said extension, a magnet rotatable on said widened portion and adapted to turn said spindle through the intermediary of said armature to shift said nut axially on said spindle, a contact wire extending downwards from said nut into said thermometer tube and adapted to form an adjustable contact for mercury filling of said thermometer, and a circuit connected up with said mercury and with said contact wire through the intermediary of said nut, said spindle and the bearings in said extension.

2,108,339
BEARINGS, NEW COMPOSITION OF MATTER AND METHOD OF PRODUCING THE SAME
Morris P. Kirk and Isaac H. Grancell, Los Angeles, Calif.
No Drawing. Application December 14, 1936, Serial No. 115,810
2 Claims. (Cl. 106—23)

1. A composition of matter consisting of rubber loaded with metallic lead which has been impregnated with castor oil, said composition being of a homogeneous character.

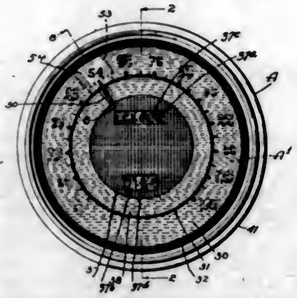
2,108,340
DESACETYL-PSEUDO BUFOTALIN HALOID AND METHOD OF PREPARING SAME
Heizaburo Kondo, Shibuya-ku, Tokyo, Shunichi Ikawa, Hongo-ku, Tokyo, and Yoshito Kobayashi, Asabu-ku, Tokyo, Japan
No Drawing. Original application August 22, 1934, Serial No. 740,872, now Patent No. 2,062,667. Divided and this application November 3, 1936, Serial No. 108,974
2 Claims. (Cl. 260—25)

1. Method of preparing pseudo-bufotalin haloid, which consists in dissolving the dried venom secretion obtained from Chinese toads in alcohol, adding petroleum ether thereto and shaking the solution, removing the petroleum ether separated as the upper layer and further adding ether to the alcoholic solution which forms the lower layer, taking away the resinous matter thus separated, vaporizing the alcohol-ether solution, dissolving the residue in alcohol and pouring it into water, and precipitating it, dissolving the thus-separated precipitate in a cold state with ethyl acetate, vaporizing the solution, again dissolving the residue in alcohol and crystallizing out pseudo-bufotalin, then dissolving the same in glacial acid and causing dry hydro-halogenic acid to act upon it while cooling it, and finally removing the remaining hydro-halogenic acid and acetic acid.

2,108,341
SYNTHETIC RESIN
Felix Lauter, Evanston, Ill., assignor to Sealkote Corporation, Chicago, Ill., a corporation of Delaware
No Drawing. Application December 7, 1935, Serial No. 53,431
3 Claims. (Cl. 260—4)

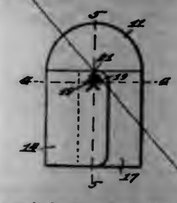
1. The method of producing a soluble and fusible synthetic resin which comprises heating a mixture of about 1 mol. of phenol and less than 1 mol. of formaldehyde in the presence of hydrochloric acid as a catalyzer; during the reaction adding a heated mixture of about ½ mol. phthalic acid and about ½ mol. of glycerine and about 1/180 mol. of lactic acid as a catalyzer between the two mixtures; dehydrating the mass after reaction between the two mixtures then cooling it and adding a metal halide capable of preventing oxidation during the cooling period.

2,108,342
DIAL FOR INDICATING INSTRUMENTS
Arden W. Le Fevre, Chicago, Ill., assignor to Stewart-Warner Corporation, Chicago, Ill., a corporation of Virginia
Application September 12, 1933, Serial No. 689,103
2 Claims. (Cl. 116—129)



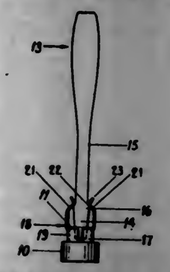
2. In a speedometer, a dial formed with circularly disposed concentric zones, at least one of said zones being translucent and having graduations thereon, an indicator disk mounted behind the dial and having opaque zones coterminous with the concentric zones on said dial, and a light source behind the indicator disk, the latter having radially spaced indicating windows through which the light source may be directed through the concentric zones in the movement of the indicator disk, one of said windows serving as an index mark, the indicator disk and dial being provided with transparent areas registering with each other to permit the observation of the digits of an odometer.

2,108,343
Johanna C. McAllister, Los Angeles, Calif.
FOLDED CONTAINER OR ENVELOPE
Application September 24, 1935, Serial No. 41,884
1 Claim. (Cl. 229—68)



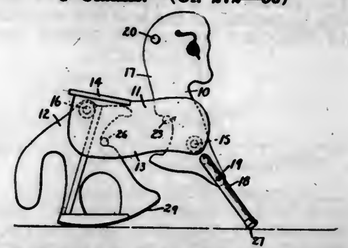
A foldable container or envelope formed from a piece of sheet material substantially rectangular in shape and foldable along lines disposed at right angles to each other to form a front wall member, a rear wall member and end flaps at the sides of the front and rear wall members, said front and rear walls being identical in size, said end flaps being identical in size, and narrower than the front and rear wall members, the inner end portions of the flaps on one side of the container or envelope being positioned between the inner end portions of the other pair of flaps when the sheet of material is folded to form the container or envelope, a flap projecting from the upper edge of the front wall member, there being pairs of apertures formed in the four corners of the sheet of material, there being a pair of apertures formed in the lower edge of the sheet of material at the center thereof, which pairs of apertures coincide with each other when the sheet is folded to form the envelope and a tie passing through said coinciding apertures to retain the envelope in folded condition.

2,108,344
SCREW DRIVER AND SOCKET WRENCH ATTACHMENT
Thomas Miller, Brooklyn, N. Y.
Application September 25, 1936, Serial No. 102,467
5 Claims. (Cl. 81—121)



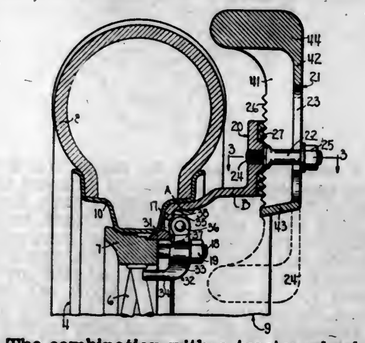
1. A socket wrench attachment for screw drivers having a tapering bit portion wider than the shank and forming shoulders, comprising a socket wrench having a tapering opening designed to receive the tapering bit of said screw driver, spring means comprising two arms held by said socket wrench longitudinally of said opening, said arms being disposed relative to said opening so as to face the shoulders of said screw driver, said arms being of a length to grip the screw driver shank directly above said shoulders and attach the socket wrench and said screw driver in unitary relation by positive interlocking engagement.

2,108,345
WALKING TOY
Arthur Orloff, Green Bay, Wis.
Application January 9, 1937, Serial No. 119,734
3 Claims. (Cl. 272—53)



1. In a toy of the type described, the combination of a body, a front support pivoted to one end of said body intermediate said support, a rocker member pivotally connected to the other end of said body, said rocker member having a foot substantially radially curved from its pivot point as a center and having its center of gravity offset rearwardly of its pivot, and means for limiting the pivotal motions of said support and rocker member relative to said body.

2,108,346
TRACTOR WHEEL
Talbert W. Paul, Moline, Ill., assignor to John Deere Tractor Company, Waterloo, Iowa, a corporation of Iowa
Application March 23, 1936, Serial No. 70,260
8 Claims. (Cl. 301—50)

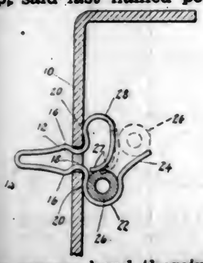


1. The combination with a tractor wheel, of a weight member detachably connected to said wheel, a plurality of traction lugs, said weight member being provided with a plurality of recesses having converging side walls, said traction lugs having tapered sides adapted to rest in said recesses, and means carried by said weight member for supporting said traction lugs in position, said means being adjustable for optionally supporting the lugs in the operating or non-operating position.

2,108,347
TUBING CLIP
Bert L. Quarnstrom, Grosse Pointe Farms, Mich.
Application December 7, 1936, Serial No. 114,545
7 Claims. (Cl. 24—81)

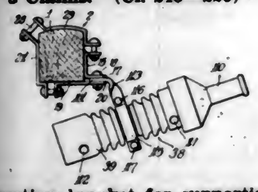
1. A spring fastener for securing a tube or the like to an apertured support comprising, a single length of spring material having a part fashioned to provide a securing portion adapted to be

passed into the aperture for securing the fastener to the support, another portion of the material being fashioned to form an open loop-like part on one side of the aperture for receiving a tube, a further portion of the material being extended laterally on the side of the aperture opposite that of said loop, said last named portion having a



substantially reverse bend therein, and a spring arm extending from the reverse bend toward the open side of the loop for partially closing the same, said spring arm adapted to flex for entrance of the tube into the loop and arranged to engage the tube with spring tension for holding the tube in the loop.

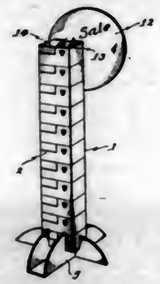
2,108,348
CROSS ARM MOUNTING HANGER
Allan Ramsey, Evanston, Ill., assignor to Schweitzer & Conrad, Inc., Chicago, Ill., a corporation of Delaware
Application September 14, 1936, Serial No. 100,697
3 Claims. (Cl. 248—226)



2. A mounting bracket for supporting devices having apertured support ears of different thicknesses on cross arms having oblong cross sections of varying width and height comprising, in combination; a plurality of flat metal members for encircling and gripping a cross arm, two of said members having body portions and apertured lug portions for receiving said support ear therebetween, the lug portion of one of said two members extending in line with its body portion and the lug portion of the other of said two members extending substantially at right angles to its body portion; a bolt extending through said apertured support ear and lug portions for clamping the same together, said support ear before clamping being rotatable about the axis of said bolt, apertured mating lug portions on said members adapted to extend substantially at right angles to faces of said cross arm, and a bolt extending through each pair of mating lug portions for clamping said metal members to said cross arm.

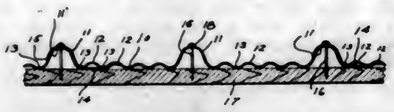
2,108,349
ADVERTISING DEVICE AND MAILING TUBE
Frank H. Rasmussen, Chicago, Ill., assignor to Magill-Weinsheimer Company, Chicago, Ill., a corporation of Illinois
Application June 12, 1936, Serial No. 84,879
Renewed January 5, 1938
4 Claims. (Cl. 40—126)

1. A device of the class described suitable for use in advertising or as a mailing tube consisting of the tubular construction having mounted thereon a series of package labels whereby the tubular construction has the appearance of a



stack of packages, in combination with a cardboard support consisting of a pair of interfitting cardboard members arranged to provide a seat for the tube, including a plurality of shoulders for engaging the tube at its sides.

2,108,350
METAL ROOFING
Karl Roth, Terre Haute, Ind.
Application July 16, 1937, Serial No. 153,955
1 Claim. (Cl. 108—18)



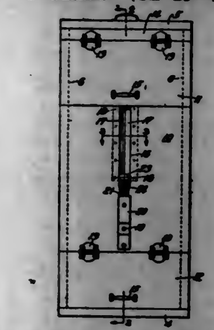
A coated metal roofing sheet comprising a plurality of spaced apart upwardly extending major ridges, a plurality of corrugations intervening between said ridges, the under sides of the grooves of the intervening corrugations being in a common plane and the upper sides of the ridges of the intervening corrugations being in a common plane, the upper sides of said major ridges being in a plane removed above the upper plane of said corrugation ridges, said major ridges being curved upwardly from a groove of said corrugations to have a side wall sloping but slightly outwardly from the perpendicular and having a top curving over and around therefrom into a downturned side wall of the same rate of but oppositely directed slope as that of the first wall, all of the said grooves and ridges including those in said corrugations and said major ridges being of sufficient curvature when formed as will retain said coating thereover in intimate contact without rupture, one of said major ridges being along one side of the sheet and having its outer downturned wall terminating by a longitudinal edge at an elevation at least as high as the tops of the ridges of said corrugations, and another of said major ridges being adjacent to the opposite sheet edge to have the outer wall of that ridge curved around into a laterally extending tongue in a plane common to that of the undersides of said corrugations, and an outer upturned end on said tongue, said tongue end being positioned under the second of the minor ridges of said corrugations, said tongue end being curved around under and in intimate contact with the underside of that second minor ridge.

2,108,351
PLOW
Walter H. Silver, Moline, Ill., assignor to Deere & Company, Moline, Ill., a corporation of Illinois
Application November 2, 1936, Serial No. 108,758
8 Claims. (Cl. 97—209)



1. In combination with a plow having a pair of laterally spaced, longitudinally extending beams, a rolling colter, and supporting means therefor providing independent vertical and lateral adjustments of said colter, said supporting means comprising a journal bearing on each of said laterally spaced beams, and a crank axle swingably mounted in said bearings and slidable laterally therein, said colter being journaled at the end of said crank axle.

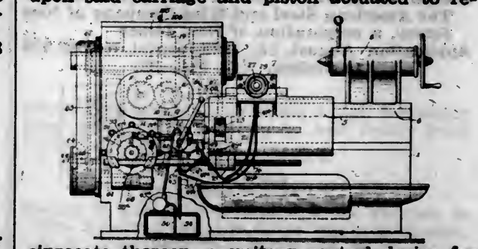
2,108,352
MOP RENOVATOR
Alfred D. Sund, Santa Rosa, Calif.
Application July 18, 1935, Serial No. 32,103
1 Claim. (Cl. 15—257)



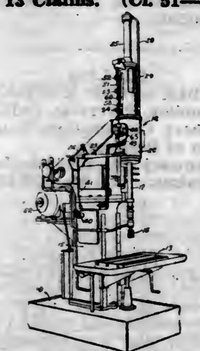
A mop renovator comprising a cabinet including a front wall provided with a panel having a vertical slot therein, a helical spring supported by said panel in such manner that its axis is in front of said slot and parallel with the walls of the latter, a knob connected with the upper end of said spring in such position as to be normally urged upwardly by the latter, and means for limiting said upward movement of the knob under the compression of said spring, said limiting means being so constructed as to normally maintain said knob in a position adjacent to but above the plane of the lower end of said slot, said spring being strong enough to impart a substantial rebound to a descending mop handle upon contact thereof with said knob.

2,108,353
FEEDING MECHANISM
Ernest J. Svenson, Rockford, Ill., assignor to Sundstrand Machine Tool Co., Rockford, Ill., a corporation of Illinois
Application April 7, 1928, Serial No. 268,159
Renewed July 14, 1937
30 Claims. (Cl. 82—2)

1. In a lathe, a bed having carriage ways, means for rotating a work piece, a tool carriage movable longitudinally on said ways and carrying a piston arranged normally to reciprocate the carriage at traverse speeds, a cross slide slidably mounted upon said carriage and piston actuated to reciprocate thereon, a unitary control device for said carriage and cross slide pistons, and mechanical means for restraining the movement of the carriage to a feeding speed when moving in one direction under the action of said piston.

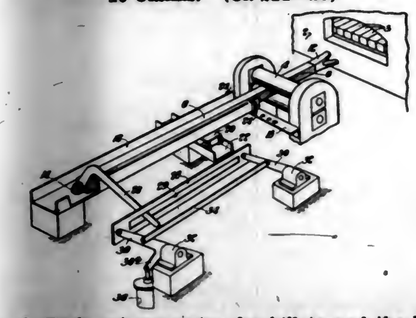


2,108,354
BLIND END CYLINDER HONING MACHINE
Floyd A. Swansen, Rockford, Ill., assignor to Barnes Drill Co., Rockford, Ill., a corporation of Illinois
Application June 8, 1935, Serial No. 25,546
13 Claims. (Cl. 51—34)



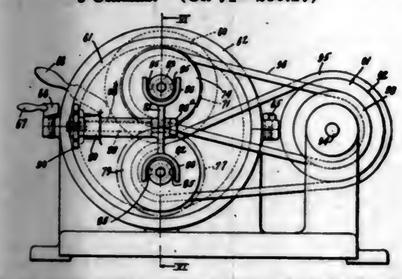
1. A honing machine for truing the bores of blind end cylinders of internal combustion engines or the like, comprising, in combination, means for supporting a work piece having a blind end cylinder to be honed, a honing tool, operating means including a rotary and reciprocatory tool spindle supporting said honing tool in position for insertion into said cylinder, actuating means for imparting reciprocal motion to said spindle, means for rotating said spindle continuously while the tool is in the cylinder, means for operating said actuating means including a hydraulic system embodying a pilot valve, means for controlling said pilot valve including reciprocal cycle defining stop mechanism operable as an incident to the attainment of opposite reciprocal limits by said tool spindle, limiting means for positively halting insertion of said tool into the work beyond a predetermined point short of the blind end of the cylinder, a member engageable with and serving to move said stop mechanism and operate said pilot valve commencing at a predetermined point prior to halting of the tool by said limiting means, and means in said hydraulic system including an adjustable delayed action valve for delaying operation of said system and thereby of said actuating means after said limiting means has halted insertion of the tool, whereby initiation of the return movement of said tool is delayed while it continues rotating in the work.

2,108,355
PUSH-OUT APPARATUS FOR BILLETS
Joseph H. Swift, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application August 26, 1936, Serial No. 98,020
10 Claims. (Cl. 214—23)



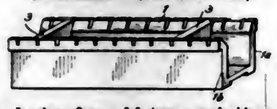
8. Push-out apparatus for billets and the like comprising a billet contacting element, means for reciprocating said billet contacting element, and means adapted to be actuated independent of said last named means for rotating said billet contacting element.

2,108,356
VARIABLE SPEED MECHANISM
Herbert E. Twomley, Riverside, Calif., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Application January 14, 1936, Serial No. 59,065
9 Claims. (Cl. 74—230.17)



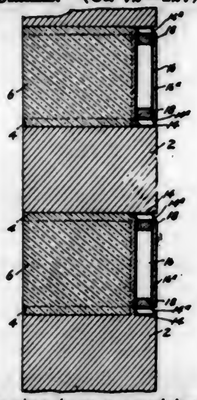
1. A mechanism of the type described comprising in combination a pair of driven members to be driven simultaneously in opposite directions, each having an individual pulley means attached thereto for driving it and the two pulley means being positioned coaxial with each other, motor means having a drive shaft parallel to the axis of said pulley means, a second drive shaft and means rotatably supporting it in parallel relation to and at a fixed distance from said motor drive shaft, intermeshing gears on said drive shafts for rotating said second drive shaft from said motor drive shaft in the opposite direction thereto, pulley means on each of said drive shafts juxtaposed to the respective pulley means on said driven members, belt means for directly coupling said juxtaposed pulley means whereby said driven members are rotated in opposite directions in response to rotation of said motor shaft in one direction, and means for varying the effective diameter of at least one of said pulleys on said drive shafts to vary the relative speeds of said driven members.

2,108,357
DEVICE FOR PRINTING HAND-COMPOSED ODD TYPE
Fritz Julius Weber, Winterthur, Switzerland, assignor to firm Schweizerische Lokomotiv- & Maschinenfabrik, Winterthur, Switzerland
Application July 20, 1936, Serial No. 91,598
In Switzerland August 2, 1935
3 Claims. (Cl. 276—15)



1. In a device for odd type printing in a type line setting and printing machine, a collecting channel of normal size for the normal circulating patrices, a holder serving to support type lines composed of odd patrices of the ordinary kind of letterpress printing type, said holder fitting into said circulating channel, and adjustable guide means for said type lines in the printing position.

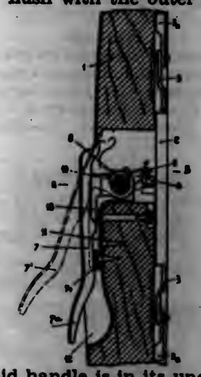
2,108,358
WEATHERPROOF MASONRY JOINT
Frank P. White, Minneapolis, Minn.
Application October 19, 1936, Serial No. 106,287
8 Claims. (Cl. 72—127)



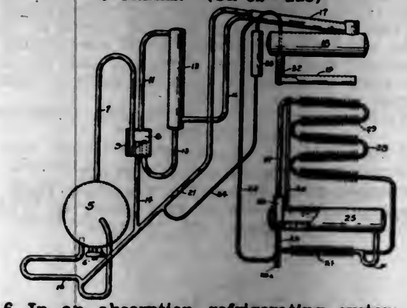
1. A masonry structure comprising a plurality of masonry units, laid in substantially horizontal courses connected by horizontal and vertical joints of binding material; the weather facing masonry units forming extended cavities from the binding material outwards to the weather exposed face of the structure, the said cavities being filled by joint sealing members constructed of impenetrable springy material in a tubular form compressed between the extended masonry units to flex in response to the expansion and contraction of the structure.

2,108,359
LOCK FOR AUTOMOBILE DOORS
Ferruccio Accardi, Turin, Italy, assignor to Fiat Società Anonima, Turin, Italy
Application July 26, 1935, Serial No. 33,401
In Italy October 10, 1934
2 Claims. (Cl. 292—34)

1. In an automobile door, safety latching means comprising a pair of locking bolts, a disc pivotally mounted in said door and adapted to be rotated by a knob on the inner side of said door, pin and slot connections between said bolts and said disc whereby rotation of said disc is effective to operate said bolts, means acting on said disc to hold said bolts in their locking positions, an eccentric pin on the outer side of said disc, said door having a recess in the outer surface thereof, a handle mounted in said recess substantially flush with the outer surface of the door when said handle is in its unoperated position, and a one-way driving connection from said handle to said eccentric pin, whereby operation of said handle is effective to unlock the door, but unlocking of the door by operation of said knob disengages said one-way driving connection to leave said handle in its unoperated position substantially flush with the outer surface of the door.



2,108,360
CONDENSER UNIT
Edmund E. Allyne and Walter J. Gusik, Cleveland, Ohio
Application March 29, 1934, Serial No. 718,051
7 Claims. (Cl. 62—118)



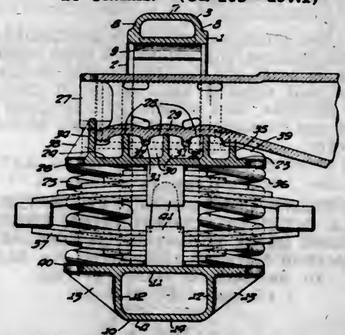
6. In an absorption refrigerating system, a still absorber, evaporator and condenser unit operatively connected in the order named, the said condenser unit including a condensate receiver and condenser tubes carried above said receiver and in fluid communication therewith whereby gas evolved in said still absorber necessarily passes through said evaporator and circulates through said condensate receiver and condenser tubes.

2,108,361
APPARATUS FOR MANUFACTURING LUSTER-FREE RAYON
Yukichi Asakawa, Tokyo, Japan
Application March 23, 1936, Serial No. 70,480
3 Claims. (Cl. 18—8)

1. Apparatus for manufacturing luster-free rayon comprising, a spinning nozzle, means for supplying the rayon forming solution to said nozzle, a high frequency alternating current voltage source, and means for applying a high frequency alternating current voltage to said nozzle from said source.

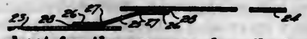


2,108,362
RAILWAY TRUCK
Donald S. Barrows, Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Application September 13, 1933, Serial No. 689,319
16 Claims. (Cl. 105—197.1)



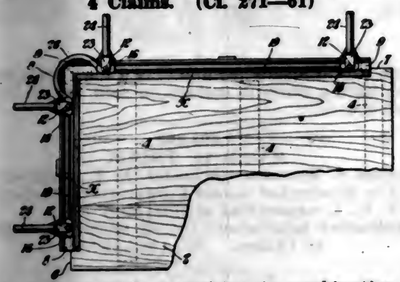
1. A side frame comprising a compression member, a tension member, bolster guide columns spacing intermediate portions of said members and spaced to leave a bolster opening therebetween, said guide columns comprising transverse webs and side flanges, a bolster with an end portion received in said opening, and a supporting member underlying said end portion and adapted to be supported by means of associated bolster springs, said member having side portions lying between the sides of said end portion and said guide columns, each side portion having a surface cylindrically curved about the vertical axis of the frame with the engaging surface of the adjacent member correspondingly curved for allowing relative horizontal angling, while maintaining the same area of contact regardless of bolster angularity.

2,108,363
LOOSE-LEAF SHEET
Frank Brodsky, New York, N. Y.
Application October 21, 1935, Serial No. 46,034
4 Claims. (Cl. 281—41)



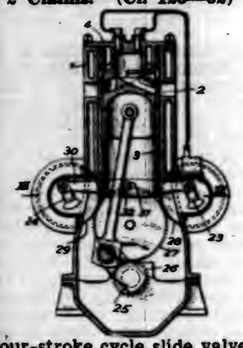
4. A sheet for the purpose described consisting of a normal sized sheet cut to provide a binding strip and a body portion forming together a sheet of the original width, and a connecting strip of flexible material adhesively connected some distance away from the edge portions of the top of the binding strip and the bottom of the body portion, said connecting strip having a fold line extending in spaced relation to the longitudinal edge of the portion of the strip secured to the binding strip and defining said secured portion from the remainder of the strip, said body portion having a fold line defining the part secured to the connecting strip from the remainder of the body portion.

2,108,364
SHEET GUIDE
Dario Buccicone, Gary, Ind.
Application March 15, 1937, Serial No. 131,104
4 Claims. (Cl. 271—61)



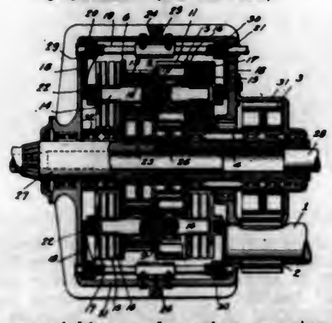
1. A sheet guide comprising, in combination, at least two squared and connected sheet-engaging sections, at least one vertical upright secured to each of said squared and connected sheet-engaging sections, and means for clamping said squared and connected sheet-engaging sections to a platform.

2,108,365
SLIDE VALVE CONTROLLED FOUR-STROKE CYCLE INTERNAL COMBUSTION ENGINE
Alfred Büchi, Winterthur, Switzerland
Application March 3, 1936, Serial No. 66,962
In Switzerland March 6, 1935
2 Claims. (Cl. 123—32)



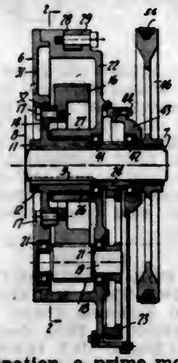
1. In a four-stroke cycle slide valve controlled internal combustion engine, a working cylinder having a closed end, a working piston in said cylinder cooperating with said cylinder end with its adjacent end, one of said ends having an axially extending bore of less diameter than the cylinder and constituting a combustion chamber, a slide valve in said cylinder surrounding said piston, said valve and cylinder having registerable intake and exhaust ports, and mating surface configurations on said cooperating piston and cylinder ends extending from the intake valve ports angularly around the piston and cylinder ends, and inwardly to the combustion chamber, forming near the top dead center position of said piston a guiding passage for the entering charge and scavenging air, which passage opens into the combustion chamber substantially tangentially for producing a helical flow of fluid into said chamber, said piston and cylinder ends also having substantially mating channel-shaped surface configurations extending from a central portion of the combustion chamber outwardly to the exhaust ports forming near the top dead center position of the piston an exhaust passage in contiguity with said helical flow, whereby the helical flow of fluid is reflected by the bottom of said bore axially of the combustion chamber to the exhaust passage and thence passes to the exhaust valve ports.

2,108,366
DEVICE FOR TRANSMITTING MOTION
Georges Raymond Cazeagne, Cazaux, France
Application January 19, 1934, Serial No. 707,378
In France February 8, 1933
6 Claims. (Cl. 74—295)



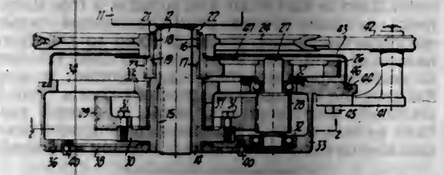
2. In a variable speed gearing, a motor shaft, two secondary shafts, toothed wheels keyed on said motor shaft and said secondary shafts, means for impressing on said secondary shafts an automatically controlled distribution of the power furnished by the motor shaft, comprising complementary toothed wheels located between said motor shaft and one of the secondary shafts for providing said last named secondary shaft with a rotating speed, the variations of which are always different from those of the other secondary shaft, and means for preventing rotation of said complementary toothed wheels so that said last named secondary shaft constituting a regulator may be either connected with the motor shaft or separated from the same, or maintained stationary.

2,108,367
SPEED CHANGE DEVICE
Joseph D. Christian, San Francisco, Calif.
Application November 28, 1936, Serial No. 113,246
3 Claims. (Cl. 74—421)



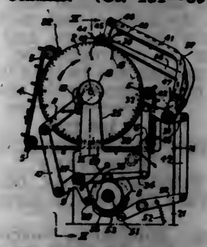
1. In combination, a prime mover, a shaft to be driven, a casing structure having three parallel wall members therein, a gear having a hub, at least one of said wall members being flanged inwardly within the casing toward another of said wall members, and supported for rotation on said gear hub, means for securing said hub to said shaft to position and support said casing structure on said shaft, another gear, a shaft extending into said casing and carrying said another gear, and bearing means in two of the parallel wall members on each side of said another gear, gearing connecting said gear and said another gear, and means connecting said extending shaft and said prime mover.

2,108,368
SPEED CHANGE DEVICE
Joseph D. Christian, San Francisco, Calif.
Application November 28, 1936, Serial No. 113,247
3 Claims. (Cl. 74—242.11)



1. In combination, a driven device including a power intake element, a hub secured to said element for rotating said element, a first gear secured to said hub, a second gear rotatable on said hub, a frame journalled on said hub, means for resisting rotation of said frame, gear means carried by said frame and joining said first gear to said second gear for driving, a motor including a drive shaft, a driving element thereon, a driven element for said second gear, and a continuous flexible drive means trained about said driving and driven elements, said resisting means including an element supported by said frame and engaging said flexible drive means at least upon rotation of said hub in one direction.

2,108,369
METHOD AND DEVICE FOR DISTRIBUTING TOBACCO MASS
Ernst Ruben Dahlström, Alsten, and Karl Erik Granstedt, Stockholm, Sweden, assignors to Aktiebolaget Formator, Stockholm, Sweden, a Swedish joint-stock company
Application April 2, 1936, Serial No. 72,430
In Sweden April 5, 1935
9 Claims. (Cl. 131—39)



2. In a device for distributing a tobacco mass, a container adapted for a tobacco mass and comprising two upright, oppositely disposed and spaced apart rotary side walls, and a distributor operative between the upper parts of said walls to deliver a part of the tobacco mass from said container.

2,108,370
HIGHWAY MARKER
Otto Ernst, Larchmont, N. Y.
Application April 16, 1936, Serial No. 74,763
1 Claim. (Cl. 88—79)



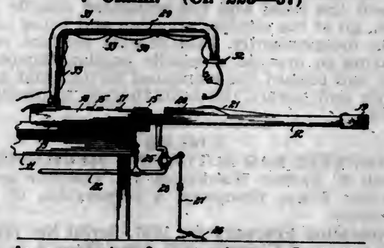
A highway marker comprising a hollow transparent body member having an open end, a rabbet formed therearound, a disk seated within the rabbet and sealed therein, said disk having an aperture therethrough, a standard engaged through the aperture and sealed therein, one end of the standard engaging the interior of the body member for support thereof, said body member having projections upon the interior thereof, and a reflecting material fixed to the interior surface and the projections.

2,108,371
WATER RING FOR CONCRETE PIPE FORMS
Jay C. French, San Gabriel, Calif., assignor to American Concrete & Steel Pipe Company, a corporation of Delaware
Application August 3, 1937, Serial No. 157,146
3 Claims. (Cl. 25—30)



1. A water ring for concrete pipe forms comprising: a channel ring member having a toggle joint therein; and a continuous ring formed of resilient material secured to said channel ring member in the channel portion thereof, said continuous ring of resilient material having a greater outside diameter than said channel member; said channel ring member forming a continuous ring when in expanded position.

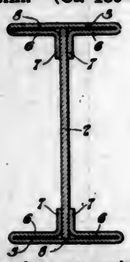
2,108,372
SEAM OPENER AND TURNER FOR PANTS
Robert L. Fulps, Waco, Tex.
Application September 2, 1937, Serial No. 162,217
7 Claim. (Cl. 223—57)



1. An apparatus for pressing or flattening the seams of a pair of pants and turning the garment right side out, comprising a supporting

base, a pair of spaced apart arms projecting from one side thereof to receive the leg sections of the garment and having heads at their outer ends for turning the garment right side out after the seams are pressed, and a block interposed between the arms and having diverging members for convenience in pressing the crotch and back seams.

2,108,373
WELDED STRUCTURAL MEMBER
Gerald G. Greulich, Mount Lebanon, Pa.
Application December 31, 1936, Serial No. 118,663
1 Claim. (Cl. 189—37)



A structural member comprising at least one flange formed from a single piece of metal bent back upon itself to provide a double thickness of metal in spaced relationship and including laterally extended portions from the inner portion of said flange and a web provided with a plurality of projections extending alternately from each side thereof positioned between said laterally extended portions and welded thereto at the points said projections contact said laterally extended flange portions, said web adapted to project beyond the inner portion of said flange to contact the inner face of the outer portion thereof.

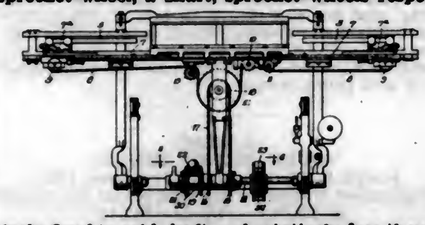
2,108,374
PERMANENT WAVE CURLER
Sidney Alexander Hamilton, Shreveport, La.
Application May 9, 1936, Serial No. 78,926
1 Claim. (Cl. 132—34)



A curler including a handle, a head, a rod connecting the handle and head, an elongated spindle section mounted for rotation on the rod and projecting into and rotatable within the handle, said section having one end tapered to provide a finger grip, means within said section for holding it against rotation in one direction relative to the handle, additional shorter spindle sections mounted for rotation on the rod between the head and the elongated spindle section, all of the sections abutting and being rotatable independently, said shorter sections cooperating to provide a spindle portion tapered at one end toward the elongated section and at its other end toward the head thereby to provide a bulge.

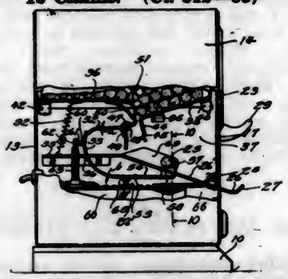
2,108,375
SHUTTLE BAR ACTUATING MECHANISM
Noah S. Harter, Waukegan, Ill., assignor to Cyclone Fence Company, a corporation of New Jersey
Application February 16, 1937, Serial No. 126,051
4 Claims. (Cl. 139—122)

1. A loom including a shuttle-bar slide, opposed shuttle-bars riding said slide, an endless chain, guide wheels guiding said chain so it crosses itself to form two loops with the oppositely moving sides of said loops mutually alined parallel said slide, means for interconnecting said sides of said loops and said shuttle-bars, a sprocket-wheel engaging said chain, a sprocket-wheel rotatively connected with the first named sprocket-wheel, a shaft, sprocket-wheels respec-



tively fixed to said shaft and rotatively free therefrom, a chain looped over the second named sprocket-wheel with its ends fixed to the third named of said sprocket-wheels so that rotation thereof wraps this chain therearound, a gear fixed to the one of said sprocket-wheels that is rotatively free from said shaft, a second gear fixed to said shaft, a gear intergearing said gears and means for reciprocatively turning said shaft.

2,108,376
CIGARETTE LIGHTING AND DISPENSING DEVICE
Francis C. Copeland, Beverly Hills, Calif.
Application March 10, 1936, Serial No. 68,056
13 Claims. (Cl. 312—33)

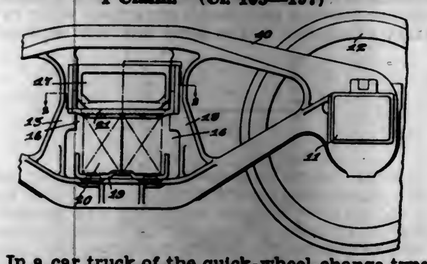


6. In a cigarette igniting and dispensing device, an inclined platform along which a cigarette will roll, an ignition unit disposed along the path of travel of a cigarette as it is being discharged from the device, means for arresting movement of said cigarette and lifting it into contact with the ignition unit, said means thereafter releasing the cigarette, and means acting automatically to determine the period during which the cigarette will be held in contact with the ignition means prior to the aforesaid release.

2,108,377
PRODUCTION OF AMMONIUM CHLORIDE CRYSTALS
Charles H. Heimbach, Elyria, Ohio, assignor to National Tube Company, a corporation of New Jersey
No Drawing. Application November 24, 1936, Serial No. 112,608
3 Claims. (Cl. 23—100)

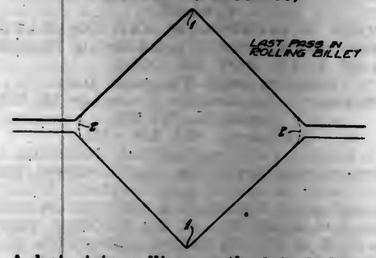
1. A method of producing ammonium chloride crystals, including dissolving cadmium chloride and di-basic ammonium phosphate in a solution of ammonium chloride and producing said crystals from said solution.

2,108,378
CAR TRUCK CONSTRUCTION
Jacob C. Larsen, Bexley, Ohio, assignor to The Buckeye Steel Castings Company, Columbus, Ohio
Application September 24, 1934, Serial No. 745,355
1 Claim. (Cl. 105—197)



In a car truck of the quick-wheel-change type, a side frame having a bolster opening and column guides, a spring plank extending into said opening, springs resting on the spring plank, a spring cap resting on said springs and provided with means for limiting outward movement of said springs, said spring cap being provided with upstanding posts engageable with said columns for guiding the spring cap vertically, a bolster having an end portion extending into said opening and resting on the spring cap, the opposite sides of the end portion of the bolster being shaped to readily move through the upper end portion of the bolster opening, the top of the end portion of the bolster being normally spaced from the top of the side frame to allow the bolster to be raised relative to the spring cap, means interlocking said bolster and cap and permitting detachment of the cap when the bolster is elevated relatively to the cap a distance less than the height of said posts, and a lug depending from the bolster for limiting inward movement of the upper end portions of said springs.

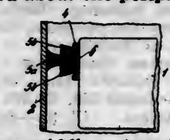
2,108,379
HOT STRIP ROLLING
Ross L. Leffler, McKeesport, Pa.
Application May 19, 1936, Serial No. 80,594
3 Claims. (Cl. 80—60)



1. A hot strip rolling method including producing a billet with rolled opposite corners and rolling down parts of said billet between said corners while permitting the latter to spread and become edges of the strip.

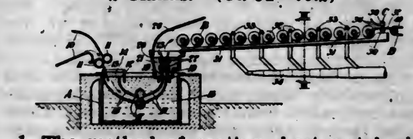
2,108,380
PERIPHERAL SEALING MEANS FOR TANKS
Boris Lentschewsky, Berlin, Germany
Application January 21, 1935, Serial No. 2,824
In Germany March 24, 1931
1 Claim. (Cl. 220—26)

A floating top for tanks employed for storing liquids, comprising a plurality of relatively movable and interconnected floating sections adapted as a whole to the form of the tank and sealing brushes disposed about the periphery of the said



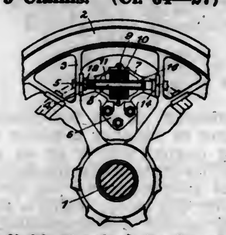
roof comprising a middle series of relatively long thin and soft bristles and upper and lower rows of short and stiffer bristles supporting the said long bristles.

2,108,381
METHOD OF COATING SHEET METAL
James R. McElhaney and Robert Stoker, Vandergrift, Pa., assignors to American Sheet and Tin Plate Company, a corporation of New Jersey
Application December 30, 1935, Serial No. 56,799
2 Claims. (Cl. 91—70.2)



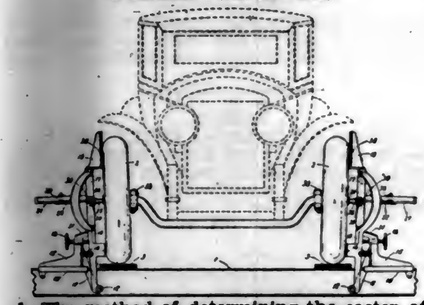
1. The method of coating sheet metal which includes imposing thereon a coating of molten metal, superimposing on the coated or molten metal an unbroken protective oil coating consisting of approximately 70 to 85 per cent. palm oil and 15 to 30 per cent. of an oil selected from the group consisting of hydrogenated fish oil and cotton seed oil, said oil having a Saybolt viscosity range between 300 and 500, permitting the sheet to cool while thus protected, and finally removing the unbroken oil coating.

2,108,382
INDIVIDUAL AXLE DRIVE FOR VEHICLES
Gottlieb Meyfarth, Geneva, Switzerland, assignor of one-half to Société Anonyme des Ateliers de Sécheron, Geneva, Switzerland, a corporation of Switzerland
Application May 13, 1935, Serial No. 21,235
In Switzerland May 26, 1934
5 Claims. (Cl. 64—27)



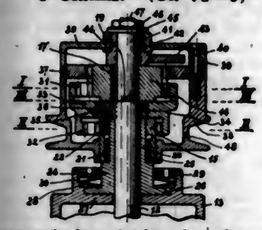
5. In an individual axle drive for vehicles, comprising a spring coupling with a plurality of coupling elements, each of which comprises in combination a transmission device guided along its axis an axially guiding member, and a tangentially arranged cylindrical helical coupling spring which is operative between the guiding member and the transmission device, said spring being simultaneously supported on annular uninterrupted surfaces of the axially guiding coupling member and of the transmission device, a corepiece of the latter device being guided axially at both ends by annular uninterrupted surfaces of the axially guiding member.

2,106,383
METHOD FOR DETERMINING THE ALIGNMENT OF DIRIGIBLE VEHICLE WHEELS
James W. Morse, Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware
Original application September 21, 1931, Serial No. 564,097. Divided and this application May 12, 1936, Serial No. 79,371
3 Claims. (Cl. 33—203)



1. The method of determining the caster of a dirigible vehicle wheel which comprises measuring the inclination from the vertical of said wheel from its face, turning said wheel through a predetermined angle, again measuring the inclination from the vertical of said wheel from its face, both of said measurements being taken in a common plane perpendicular to the plane of the wheel when in straight ahead position, and comparing said measurements to determine the caster of the wheel in degrees.

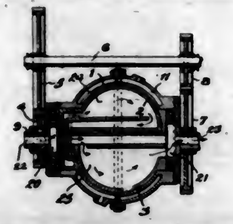
2,106,384
TRANSMISSION GEAR FOR ELECTRIC STARTERS
Alexandre Moisy, St.-Prix, France
Application April 22, 1937, Serial No. 138,449
In France November 19, 1936
8 Claims. (Cl. 74—6)



1. A transmission device for changing a gear ratio according to whether a motor generator is in use as an engine starter or as a generator, comprising a first externally toothed pinion with unidirectional connection to the motor shaft, a sleeve borne on the motor shaft, a second externally toothed pinion unidirectionally connected to said sleeve, friction means for resisting rotation of said sleeve, a double diameter internally toothed pinion mounted eccentrically of said first and second pinions so as to engage both, and a driving connection between said first pinion and the engine to be started.

2,106,385
ROTARY ENGINE
Masasuke Murakami, Tokyo, Japan
Application August 30, 1935, Serial No. 38,617
In Japan April 22, 1932
2 Claims. (Cl. 230—144)

2. In a rotary engine having a plurality of co-operatively rotating discs hermetically fit in a working cylinder and held on independent coaxial shafts, a main shaft arranged outside of said cylinder and the transmission gearing between said main shaft and each of said disc shafts consisting of a plurality of pairs of non-circular gear wheels which will cause a continuously varying relative rotation between said cooperating discs while rotating altogether in the same direction without



repose with substantially uniform revolutions of said main shaft, said cooperatively rotating discs being made hollow and hermetically overlapped with each other at the central bosses and one end of each disc being enlarged to constitute a part of the cylinder cover and to form a water circulating chamber therein and a further extension of said hollow chamber constituting the disc shaft, on which the gear wheel is keyed.

2,106,386
LUBRICANT PREPARATION
John M. Musselman, Cleveland, and Elliott B. McConnell, Shaker Heights, Ohio, assignors to Standard Oil Company, Cleveland, Ohio, a corporation of Ohio
No Drawing. Application November 14, 1935, Serial No. 49,824
7 Claims. (Cl. 87—9)

1. A lubricant comprising an oil having lubricating viscosity and a small proportion of a compound of general formula $NR.H_2NCH_2CO.R'(OH)_n$ in which R is a hydrocarbon radical and $R'(OH)_n$ a polyhydroxy benzene in which there are at least 2 hydroxyls and in 1,2 position.

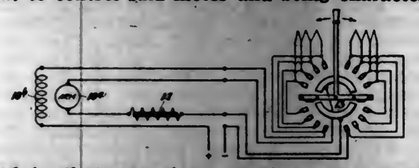
2,106,387
VISCOUS, WATERPROOF AND INSULATING COMPOSITION WITH A BASIS OF RUBBER, TO BE USED HOT OR COLD
Nello Nardelli, Florence, Italy
No Drawing. Application December 14, 1934, Serial No. 757,588
5 Claims. (Cl. 106—23)

1. A viscous, tacky, waterproof, insulating, and friction composition of the class described, which is non-liquid at ordinary atmospheric temperatures and which comprises in combination melted rubber and colophony, in the following proportions: 75% to 95% of melted rubber, 25% to 5% of colophony.

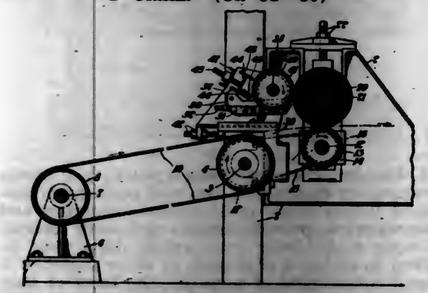
2,106,388
MOTOR POWERING SYSTEM
Cecil C. Parrish, Donora, Pa., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey
Application December 31, 1936, Serial No. 118,673
1 Claim. (Cl. 172—239)

A powering system for a direct-current series-wound electric motor driving heavy apparatus whose control requires rapid starting, stopping and reversing, said system including a reversing

circuit for said motor permitting heavy overloading of the same to provide said control by reversing the current through said motor as required to effect the same, said circuit being characterized in that it includes a conventional reversing controller connected by way of said circuit to control said motor and being characterized in that excessive current surges through said motor during rapid starting, stopping and reversing are prevented solely by means of a reactor inserted in the armature circuit of said motor and providing sufficient reactance to perform said function, whereby to eliminate the need for automatic acceleration switches and the like.



2,106,389
APPARATUS FOR COATING
Irvin J. Paul, Gary, Ind., assignor to American Sheet and Tin Plate Company, a corporation of New Jersey
Application December 13, 1935, Serial No. 54,305
1 Claim. (Cl. 91—50)



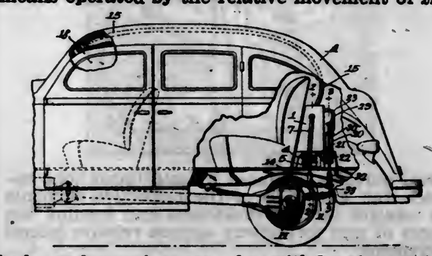
In an apparatus for coating flat metals a hard and non-corrodible roll, a resilient and absorptive roll, said first and second named rolls being constructed and arranged to receive the workpiece therebetween and make contact with the same, and a hard and non-corrodible roll for making contact with said resilient and adsorptive roll and applying a coating material thereto, said resilient and absorptive roll comprising a plurality of axially aligned fibrous disks.

2,106,390
STABILIZING CHLORINATED HYDROCARBONS
Whitfield Price, Charleston, W. Va., assignor, by mesne assignments, to Westvaco Chlorine Products Corporation, New York, N. Y., a corporation of Delaware
No Drawing. Application July 20, 1936, Serial No. 91,620
14 Claims. (Cl. 23—250)

1. Trichlorethylene stabilized by the presence of a small amount of an alkyl thiocyanate.

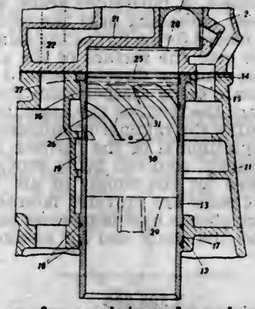
2,106,391
AIR CONDITIONER FOR MOTOR VEHICLES
Paul E. Rice, Lincoln, Nebr.
Application December 19, 1936, Serial No. 116,811
2 Claims. (Cl. 261—29)

1. The combination with the running gear of a vehicle and a body yieldingly supported thereon, of a container, an air filter, an air outlet device within the body and in communication with the container, said container constituting means for holding water and a refrigerant, and means operated by the relative movement of the body and running gear for drawing air through the filter and forcing it through the container to the outlet means within the body, and additional means operated by the relative movement of the



body and running gear for withdrawing water from the container and directing it onto the air circulating within the container, said last mentioned means including a pump having relatively movable members connected to the running gear and body respectively, a tube leading to the pump from the bottom portion of the container, spraying nozzles within the container, and a tubular connection between the pump and the spraying nozzles.

2,106,392
CYLINDER LINER FOR INTERNAL-COMBUSTION ENGINES
Arthur Freeman Sanders, Leeds, England, assignor of one-half to John Fowler & Company (Leeds) Limited, Leeds, England
Application February 6, 1937, Serial No. 124,498
In Great Britain February 19, 1936
5 Claims. (Cl. 309—3)

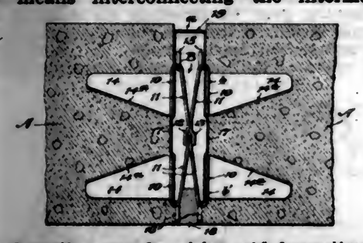


1. A liner, for an internal-combustion engine cylinder, having secured in its bore, near the axially-outer end thereof, a circumferential hard-wearing metal insert, and having also angularly-spaced inserts secured in the bore and extending axially inwardly of the bore from said circumferential insert.

2,106,393
DOWEL MEANS FOR ROADWAY EXPANSION JOINTS
Walter F. Schuh, Youngstown, Ohio, assignor to Truscon Steel Company, Youngstown, Ohio, a corporation of Ohio
Application July 1, 1935, Serial No. 29,354
12 Claims. (Cl. 94—18)

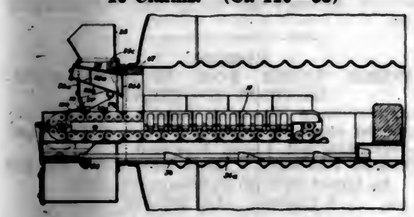
1. Means for connecting road slabs comprising upper and lower cooperating elements of substan-

tially M-shape and W-shape formation in cross section, respectively, means for anchoring one side wall of each element to one slab and the other side wall of each element to the other slab, and means interconnecting the intermediate



apical portions produced by said formations between the side walls of the respective elements for relative vertical movement and holding the apices of said formations against relative lateral movement.

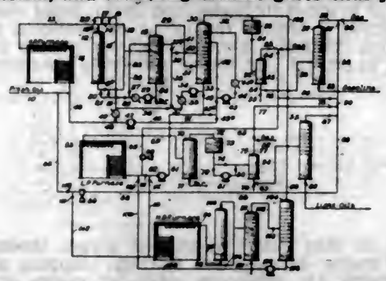
2,108,394
FURNACE GRATE
Lebrecht Steinmüller, Gummersbach, Germany
Application November 30, 1935, Serial No. 52,423
In Austria December 3, 1934
10 Claims. (Cl. 110—33)



4. In a furnace, a horizontal grate, a wedge-shaped rammer extending over the entire width of said grate, means for reciprocating said rammer longitudinally over the surface of the grate, the surface of the rammer directed toward the rear end of the grate being steeper than the surface directed toward the front of the grate, the means for reciprocating the rammer comprising a chain and a rail longitudinal of the furnace on which said chain travels, said rail being provided with lateral recesses for the supply of air, and stationary side cheeks are provided laterally of the chain said side cheeks having recesses for supplying air to cool the chain and for auxiliary combustion air.

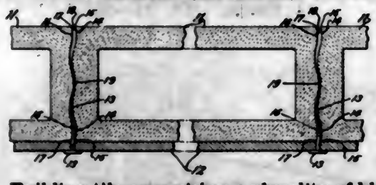
2,108,395
HYDROCARBON CONVERSION PROCESS
Frederick W. Sullivan, Jr., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application December 30, 1933, Serial No. 704,773
6 Claims. (Cl. 196—9)

1. A hydrocarbon conversion process comprising subjecting relatively high-boiling hydrocarbon oil to cracking at elevated temperatures and pressures to convert a substantial portion thereof into hydrocarbons of the gasoline boiling range, separating the cracked products into tar and vapors, fractionating said vapors to recover a condensate oil heavier than gasoline and said hydrocarbons of the gasoline boiling range, subjecting said condensate oil in a separate zone to cracking at higher temperatures and relatively low pressures to convert said condensate oil primarily to normally gaseous hydrocarbons of relatively high olefinic content and heavy tarry-like material, and reforming olefinic gases thus pro-



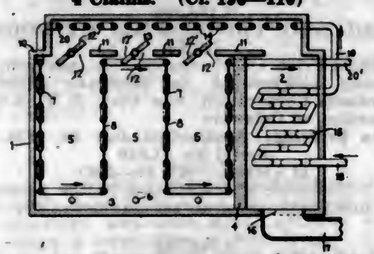
duced to the initial cracking step for conversion into normally liquid hydrocarbons in the presence of said oil.

2,108,396
BUILDING TILE
Arthur C. Van Antwerp, Chicago, Ill., assignor to Eastern Illinois Clay Company, St. Anne, Ill., a corporation of Illinois
Application December 24, 1936, Serial No. 117,424
7 Claims. (Cl. 72—41)



1. Building tile comprising a plurality of blocks arrangeable end to end, the end portions of adjacent blocks being of irregular formation and cooperating to provide sinuous cavities or recesses between said blocks into which nails may be driven to attach a base strip or other member to a wall constructed of such tile, the form of such cavities or recesses causing the nails to be clinched and held against unintended loosening or pulling out.

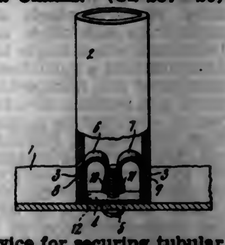
2,108,397
HEATING HYDROCARBON FLUIDS
George W. Watts, Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application December 27, 1934, Serial No. 759,368
4 Claims. (Cl. 196—110)



4. In an apparatus for heating hydrocarbon fluids, a main heating chamber, a plurality of vertically disposed rows of tubes within said main heating chamber and spaced apart to form a plurality of combustion chambers, at least some of the tubes in the vertically disposed rows being

equipped with fins to form a continuous wall, separate means disposed between adjacent rows of tubes for producing hot products of combustion for passage separately through the separate combustion chambers formed by said tubes to thereby heat the tubes forming them preponderantly by radiant heat, means associated with each combustion chamber to form a restricted opening for the passage of products of combustion leaving each combustion chamber, another heating chamber associated with the main heating chamber for receiving hot products of combustion from the combustion chambers, tubes in said last-mentioned heating chamber and means for conducting combustion gases leaving said separate combustion chambers through the restricted openings to said last-mentioned heating chamber.

2,108,398
MOUNTING FOR TUBULAR ARTICLES
William Russell Allen, III, Springfield, Mass., assignor to United American Bosch Corporation, Springfield, Mass., a corporation of New York
Application August 13, 1936, Serial No. 95,825
2 Claims. (Cl. 287—20)



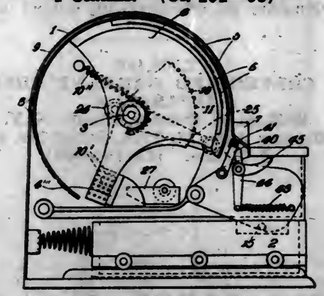
1. In a device for securing tubular articles, the combination of an article having spaced recesses, a securing means comprising a clip having a web portion with a threaded opening therein, expansible arms at the extremities of said web portion having their free ends depending adjacent said threaded opening, lug means on said arms adapted to seat in the recesses of said article, and a threaded member projecting through said web opening and engaging the depending ends of said arms.

2,108,399
MOUNTING DEVICE FOR TUBULAR ARTICLES
William Russell Allen, III, Springfield, Mass., assignor to United American Bosch Corporation, Springfield, Mass., a corporation of New York
Application March 27, 1937, Serial No. 133,323
3 Claims. (Cl. 250—16)



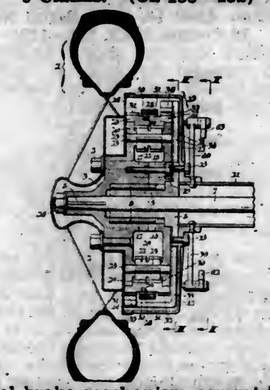
3. In combination, a tubular radio coil form having an inwardly extending flange formed at one end, a support, a mounting element within said form having a central opening therein, a plurality of deformable pins on said element, a shield can enclosing said coil form and having a bottom portion extending under said form, and a screw extending through said support and said bottom portion of said shield can and engaging said mounting element at the central opening thereof, whereby said pins may be caused to pierce said coil form and deform radially.

2,108,400
CASH REGISTER
Harry Barker-Bland, London, England
Application April 21, 1937, Serial No. 138,078
In Great Britain July 30, 1935
4 Claims. (Cl. 101—95)



1. A cash register embodying therein a casing, a manually operable drum mounted in said casing, one arc of said drum having a plurality of finger grips representing different money values respectively accessible from one side of said casing, and an opposite arc upon said drum having complementary money value representations thereon, said casing having a sight opening therein adjacent said last named arc of the drum, means limiting the movement of said drum to a partial revolution coinciding with the arcuate portion thereof having said money representations, a segment having printing characters thereon, connections between said segment and said drum whereby movement of said drum will impart similar simultaneous movement to said printing segment, a printing mechanism associated with said segment, means carrying and actuating a recording strip, a locking member co-operating with said drum to hold it and its printing segment against return movement after they have been set and during the actuation of said printing mechanism, and means whereby said locking member may be released to permit the free rotation of said drum.

2,108,401
WHEEL BRAKE MECHANISM
James V. Crichton, Philadelphia, Pa., assignor of one-half to Karl Salberg, Philadelphia, Pa.
Application October 8, 1936, Serial No. 104,602
9 Claims. (Cl. 188—152)



1. Wheel brake mechanism comprising a plurality of rotatably-free gear pinions circumfer-

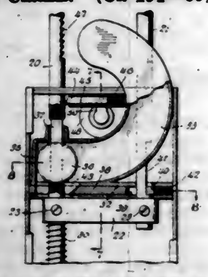
entially arranged about the wheel axis and carried by the wheel; a pair of independently supported juxtaposed toothed gear elements concentric with the wheel axis and meshing with the several pinions; and means operative to exert rotary torque in opposite directions upon the two gear elements in effecting the wheel braking.

2,108,402

COIN CONTROLLED GARMENT CHECKING APPARATUS

William W. Dennin, Albany, N. Y.

Application June 24, 1936, Serial No. 86,945
7 Claims. (Cl. 194—69)



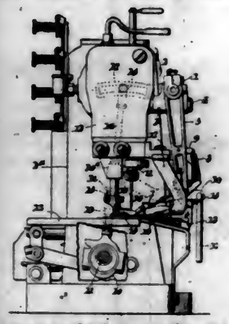
1. In a coin controlled checking apparatus, a casing, cooperating garment locking members carried by said casing, with one of said members slidably supported therein for movements to open and closed positions and including two connected arms having portions projecting from said casing, a movable detent normally engaging one of said arms to prevent closure thereof, a chute for directing a coin into engagement with the other of said arms, the latter arm having means to contact and move said coin into engagement with said detent and move the same to releasing position relative to the first named arm when said arms are moved toward their closing positions, and means to engage one of said arms to releasably retain the same in closed position after said detent has been actuated.

2,108,403

FABRIC MANIPULATING MECHANISM FOR SEWING MACHINES

Russell T. Edwards, Chicago, Ill., assignor to Union Special Machine Company, Chicago, Ill., a corporation of Illinois

Application April 16, 1935, Serial No. 16,593
12 Claims. (Cl. 112—132)



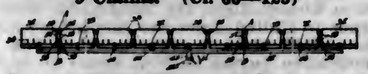
1. Fabric manipulating mechanism for sewing machines, comprising a rock shaft, an arm on said rock shaft carrying a fabric engaging element, an arcuate arm also secured to the rock shaft, an actuating eccentric with a rod having a slidable end pivot connection with the arcuate arm, and a control lever whereby the pivotal connection of the eccentric rod can be shifted along the arcuate arm to vary the throw imparted to the fabric engaging element, said control lever being fulcrumed on a fixed axis and having a sliding connection with the eccentric rod.

2,108,404

MEANS FOR EFFECTING VAPOR TREATMENT OF YARN IN A STRAIGHT KNITTING MACHINE

Henry Janssen, Wyomissing, Pa., assignor to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania

Application October 9, 1935, Serial No. 44,133
9 Claims. (Cl. 66—125)



1. In a multi-section machine for producing knitted fabrics, yarn-receptacle elements disposed a distance from each other, and means for uniting said elements into a single housing structure and for maintaining a yarn-treating medium uniformly distributed and homogeneous throughout the length of said housing structure, including a conduit element constituting passageway means for the medium between the receptacle elements, certain of said elements being arranged for movement relative to each other to compensate for differences in the spacing of the receptacle elements from each other and to effect free distribution and homogenization of the medium throughout the length of said single housing structure.

2,108,405

CLEANING AND POLISHING BLOCK

John J. Kennedy, Los Angeles, Calif., assignor to Chamberlain Co., Inc., Los Angeles, Calif., a corporation

Application August 17, 1935, Serial No. 36,724
5 Claims. (Cl. 51—280)



5. A block of the character described, said block containing coarse aggregate pumice, fine natural pumice, magnesite, and one of a group comprising oxy-chloride cement and oxy-phosphate cement.

2,108,406

TIRE

Herman T. Kraft, Akron, Ohio, assignor to The General Tire & Rubber Company, Akron, Ohio, a corporation of Ohio

Application June 17, 1935, Serial No. 27,922
8 Claims. (Cl. 152—1)

1. A one-piece rubber tire comprising a continuous base, a continuous tread portion spaced therefrom, continuous side walls connecting the side edges of said base with the side edges of said tread portion, and a pair of stabilising webs extending throughout the circumference of the tire and diagonally inwardly from the region of



connection of said side walls with said tread portion and being joined with said base, said stabilizing ribs being spaced apart at said regions of connection of said side walls with said tread portion.

2,108,407

RECEPTACLE AND CLOSURE

William Lockhart, Cleveland, Ohio, assignor to Cornell Securities Corporation, Cleveland, Ohio, a corporation of Delaware

Application May 2, 1935, Serial No. 19,438
7 Claims. (Cl. 220—61)



1. In a clamping device for a metallic receptacle having a bead rolled about its open end and a cover having a flange fitting over the bead, a contractible channeled clamping ring having portions engageable with and pressing the cover flange and bead together when the ring is contracted, and means for contracting the ring including a slotted lever pivotally connected with one end of the ring, a second lever pivoted to said first named lever, and a toggle connecting said levers with the other end of the ring and having a portion operating in the slot of the slotted lever.

2,108,408

CONTROL DEVICE

Donald H. Mitchell, Chicago, Ill., assignor to Galvin Manufacturing Corporation, Chicago, Ill., a corporation of Illinois

Application March 9, 1937, Serial No. 129,988
5 Claims. (Cl. 116—124.4)



1. A control device for adjustable apparatus including a covered housing having an opening in the front thereof, indicating means visible through said opening including a drum-shaped dial with driving teeth on one rim edge thereof, control means for said device, driving means intermediate said control means and said toothed edges, and resilient means between said dial and said housing to press said teeth into satisfactory driving connection with said driving means.

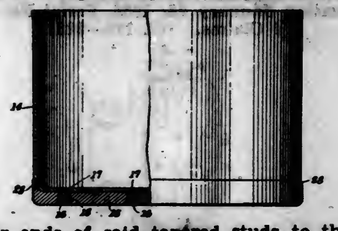
2,108,409

MANUFACTURE OF COOKING UTENSILS

Anthony Peres, New York, N. Y.

Application March 18, 1936, Serial No. 69,424
8 Claims. (Cl. 113—120)

1. The method of manufacturing utensils of the character disclosed, comprising rough punching tapered openings in a heat collector plate, smooth punching said openings to exact tapered size, applying the plate to a pot bottom with the smaller ends of the openings toward the pot, entering tapered studs of substantially the same size in said tapered openings, spot welding the



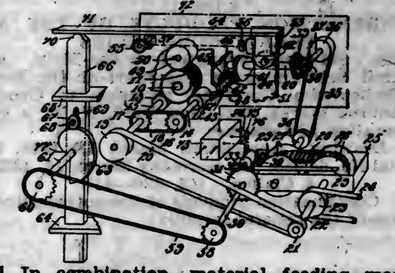
smaller ends of said tapered studs to the pot bottom, chilling the welds to prevent over-heating and distortion of the pot bottom, finishing off the exposed ends of the welded studs flush with the exposed face of the collector plate and finishing the interior of the pot bottom to remove any color traces of the welding heat.

2,108,410

SPEED CONTROL MECHANISM

William B. Perry, Columbus, Ind., assignor to Reeves Pulley Company, Columbus, Ind., a corporation of Indiana

Application March 28, 1932, Serial No. 601,606
13 Claims. (Cl. 242—45)



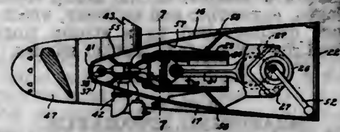
1. In combination, material feeding means, material take-up means, mechanism including a variable speed transmission connected to drive one of said means, means for varying the output speed of said transmission, light-sensitive means connected to control said speed varying means to vary the angular velocity of said variably-driven means, and means operated by said speed varying means for moving said light-sensitive means.

2,108,411

AIRCRAFT AND ENGINE THEREFOR

Hugh M. Rockwell, Freeport, N. Y.

Application July 24, 1933, Serial No. 681,886
5 Claims. (Cl. 244—55)



1. In or for an aeroplane, a wing having a deep section and having a portion of its entering edge removed, and an air-cooled internal combustion engine filling the gap left by said removed portion, said engine having a crank case, portions of which are substantially continuous with the upper and lower surfaces of the wing, and having a plurality of parallel cylinders with their head ends facing into the slipstream.

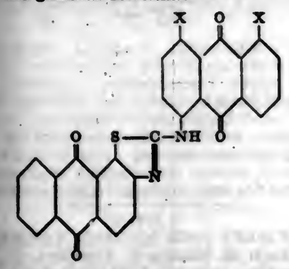
2,108,412
ROTARY HOOK FOR SEWING MACHINES
George Sauer, Berwyn, Ill., assignor to Union Special Machine Company, Chicago, Ill., a corporation of Illinois
Application January 25, 1936, Serial No. 60,766
4 Claims. (Cl. 112—228)



1. In combination, a rotary hook, and a bobbin case about which the hook revolves, the one having a circumferential groove, and the other having a series of small circumferential projections extending substantially all the way around it and engaging the groove with a working fit, said projections being spaced by intervals great enough to materially reduce the friction and heating tendencies of the hook and the bobbin case.

2,108,413
CONDENSATION PRODUCTS OF THE ANTHRAQUINONE SERIES
Heinz Scheyer, Frankfort-on-the-Main, and Emil Schwamberger, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application March 13, 1936, Serial No. 68,688. In Germany March 15, 1935
4 Claims. (Cl. 260—44)

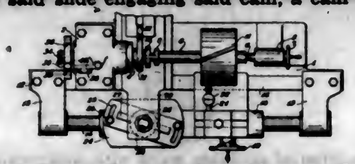
1. Condensation products of the anthroquinone series of the general formula:



wherein one X stands for hydrogen and the other X stands for a member of the group consisting of hydrogen, acylamino and methoxy, which dyestuffs are distinguished by a strong tinctorial power and dye cotton fast reddish shades.

2,108,414
MEASURING APPARATUS
Charles H. Schurr, Cleveland, Ohio, assignor to The Leeds-Bradner Company, Cleveland, Ohio, a corporation of Ohio
Application May 21, 1932, Serial No. 612,853
7 Claims. (Cl. 33—174)

1. Measuring apparatus comprising a base, a spindle journalled in said base, ways on said base parallel to the axis of said spindle, a carriage slidable upon said ways, transverse ways on said base, a slide movable on said transverse ways, a plate cam adjustably secured to said carriage, a follower upon said slide engaging said cam, a cam upon



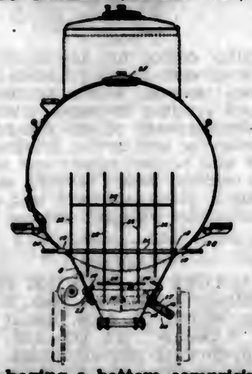
said spindle, a roller engaging said cam and journalled on said slide, and means maintaining the cam on the spindle in contact with the roller.

2,108,415
MOCCASIN
Louis W. Simister, Astoria, N. Y.
Application March 14, 1936, Serial No. 68,906
1 Claim. (Cl. 36—11)



A moccasin comprising a main blank having a semioval front, a rectangular rear portion and a substantially straight rear edge, said blank having a single row of marginal perforations, a counterblank having a row of perforations corresponding to the perforations in said main blank, an upper blank plurally perforated marginally in conformity with the perforations in the main blank, and a unitary lace passing through all the mentioned perforations and tied at the back, whereby the moccasin is complete.

2,108,416
CAR
Abram E. Smith and William H. Runkel, Chicago, Ill., assignors to Union Tank Car Company, Chicago, Ill., a corporation of New Jersey
Application April 10, 1933, Serial No. 665,353
13 Claims. (Cl. 105—247)



1. A car having a bottom comprising a sheet of relatively thick metal, said sheet having an opening therein surrounded by downwardly extending walls integral with said sheet, a hopper having side walls formed in part by said downwardly extending walls of the opening and in part by downward continuations thereof formed of relatively thin sheet metal secured to the relatively thick metal of the bottom sheet, and a closure for said hopper removable to permit withdrawal of the contents of the car and hopper.

2,108,417
AIR ROTOR PARTICULARLY FOR AIRCRAFT
Paul H. Stanley, Glenside, Pa., assignor to Autogiro Company of America, Willow Grove, Pa., a corporation of Delaware
Application August 18, 1934, Serial No. 740,463
16 Claims. (Cl. 244—18)



1. An air rotor including an axis member, an aeroform wing member, and means of connection between said members including a plurality of wing pivots, one pivot having its axis lying substantially in a plane containing the rotor axis and another pivot having its axis extending substantially transversely of said plane and located at a point from said rotor axis approximately half the distance from said rotor axis to the extremity of said wing member.

2,108,418
WRAPPED FROZEN CONFECTION
Norman M. Thomas, Brooklyn, N. Y., assignor to Joe Lowe Corporation, a corporation of Delaware
Application February 13, 1933, Serial No. 656,551
3 Claims. (Cl. 99—189)



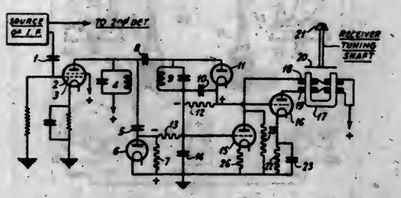
1. As an article of manufacture, a cup adapted to receive an edible confection and made from a blank including an outer edge for defining the mouth of the cup and side edges which are overlapped to form a seam in the cup, said cup being of a conical-like shape so as to enclose an edible cone or the like and being of such length as to extend above the top of the cone so that the upper portion of the cup can serve as a wrapper for ice cream projecting above the top of the cone and which wrapper is adapted to be stripped from the confection to afford access to the ice cream, said upper portion of the cup being aligned with the cone and being of such character and formation as to shape and hold ice cream placed therein and above the cone.

2,108,419
WHIP STOCK
Odie B. Trotter, Houma, La.
Application May 19, 1937, Serial No. 143,469
3 Claims. (Cl. 255—1)



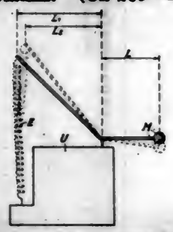
1. A whipstock comprising an upper tapered section and a lowered tapered section, a hinged joint between said sections, said lower section being provided at its bottom forward end with a wedge-shaped projection, the arrangement being such that the projection will tend to penetrate the formation at the bottom of a hole so as to move the lower section forward about said hinged joint to increase the angle of deviation.

2,108,420
AUTOMATIC TUNING CONTROL
Carel Jan van Loon, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application April 30, 1936, Serial No. 77,679
In Germany August 20, 1935
8 Claims. (Cl. 250—40)



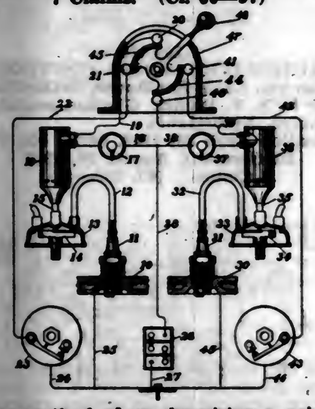
1. In a radio receiver of the type provided with an adjustable tuning mechanism, a resonant circuit tuned to a desired frequency, a rectification network coupled to the resonant circuit and including means for developing a direct current voltage from high frequency energy of said frequency, a second resonant circuit tuned to said frequency and coupled to the first resonant circuit, a second rectification network coupled to the second resonant circuit and including means for developing a direct current voltage from high frequency energy therein of said frequency, and means, responsive to the difference of said two voltages, for controlling adjustment of said tuning mechanism.

2,106,421
GRAVITATIONAL INSTRUMENT
Stephan Baron van Thyssen-Bornemisza, The Hague, Netherlands
Original application September 6, 1934, Serial No. 742,878. Divided and this application October 16, 1935, Serial No. 45,190
In Germany July 9, 1934
3 Claims. (Cl. 265—1.4)



1. In a measuring instrument for the determination of variations of the gravitational acceleration a lever system comprising a beam comprising one part lying substantially horizontal and a second part extending obliquely upwards, a mass attached to the end of the horizontal portion, a spring attached to the end of the obliquely positioned portion, a knife edge upon which the beam is pendulating and a connection for the lower end of the spring.

2,106,422
SYNCHRONIZING INTERNAL COMBUSTION ENGINE
Charles K. Woodman, Beverly, Mass.
Application September 28, 1936, Serial No. 102,969
7 Claims. (Cl. 60—97)



1. The method of synchronizing a pair of internal combustion engines, which consists in causing a circuit breaker of one engine to control the ignition of the other engine.

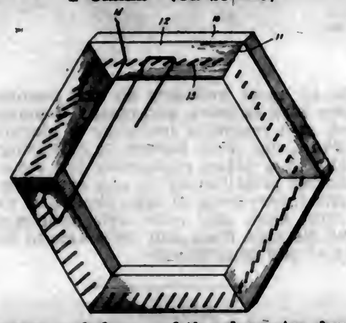
2,106,423
PIPE AND PIPE FILTER
Frank M. Ashley, Great Kills, Staten Island, N. Y., assignor to Lewis Geempers, as trustee
Application January 30, 1936, Serial No. 61,456
4 Claims. (Cl. 131—12)

1. A pipe filter comprising a sheet metal substantially spherical multifingered cap, a stiffening rod, and absorbent material secured to and surrounding said rod, said fingers extending from the equatorial portion of the surface towards one of the poles thereof, the free ends thereof being



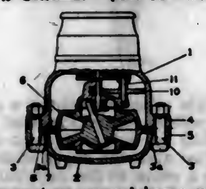
in gripping engagement with the filtering material.

2,106,424
TEXTILE FRAME
William T. Bobely, Beverly, N. J.
Application February 16, 1937, Serial No. 125,956
1 Claim. (Cl. 28—15)



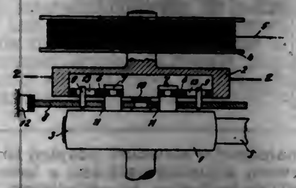
A fancy work frame of the character described comprising a hexagonal framework made up of six side pieces, each of which is of an identical construction, each side piece having mitered extremities to facilitate their assembly into a hexagonal formation, means for maintaining the side pieces assembled, and a row of anchoring pins extending along a line which is substantially the median of each side piece, said pins being equidistantly spaced apart and inclined outwardly, there being a pin located at each mitered edge whereby symmetry in the design of the product is afforded.

2,106,425
WATER METER
Robert S. Bassett, Buffalo, N. Y.
Application October 23, 1937, Serial No. 170,622
2 Claims. (Cl. 73—277)



1. A water meter comprising a main outer casing and a breakable bottom casing provided with a securing flange having at the base thereof an internal groove coacting with the outer surface of said bottom casing to form a readily breakable portion, a meter measuring mechanism positively supported by that part of the bottom casing surrounded by said readily breakable portion but automatically released when said portion breaks, and a plurality of pairs of holding means attaching said bottom casing to said main outer casing through said securing flange outside of said readily breakable portion and also engaging said bottom casing on the outer surface of that part of the bottom casing surrounded by said readily breakable portion to restrict the movement of said part when said readily breakable portion breaks; substantially as and for the purpose described.

2,106,426
CLUTCH MECHANISM FOR ELECTROMAGNETIC SOUND RECORDING AND REPRODUCING DEVICES
Semi Begun, Berlin, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany, a company
Application June 6, 1935, Serial No. 25,352
In Germany June 9, 1934
1 Claim. (Cl. 192—43)



In a clutch mechanism for a magnetic sound recording and reproducing machine, a first clutch member coupled to a spool for carrying tape or wire, an intermediate disc continuously maintained under influence of a braking means, a second clutch member connected to a driving shaft, a plurality of jaws fulcrumed on said second clutch member and arranged to cooperate with said first clutch member, means on said disc for controlling the cooperation of said jaw members with said first clutch member, said disc being provided with slots cooperating with means on said second clutch member for limiting the relative movement between said disc and second member.

2,106,427
PREPARATION OF ALPHA, BETA UNSATURATED KETONES
Albert Bernard Boese, Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation, a corporation of New York
No Drawing. Application May 8, 1936, Serial No. 78,661
11 Claims. (Cl. 260—131)

1. Process which comprises reacting diketene with an aldehyde having at least two carbon atoms in its molecule, and recovering an alpha, beta unsaturated ketone from the resultant reaction mixture.

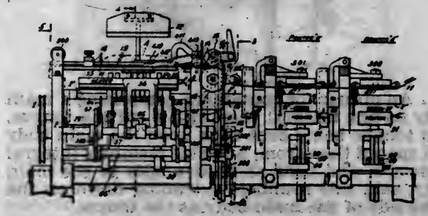
2,106,428
ELECTRIC SWITCH, PARTICULARLY FOR USE IN CONTROL OF RAILWAY SIGNALS
Andrew Brown, Roland Harris Dunn, and David Gordon McKie, London, England, assignors to International Standard Electric Corporation, New York, N. Y.
Application September 16, 1936, Serial No. 101,023
In Great Britain September 27, 1935
9 Claims. (Cl. 200—153)

1. An electric switch of the kind referred to comprising a contact part movable by one means, a second contact part movable by a second means, a third contact part movable by both the first and second means and means for closing (or opening) an electric circuit when contacts on all



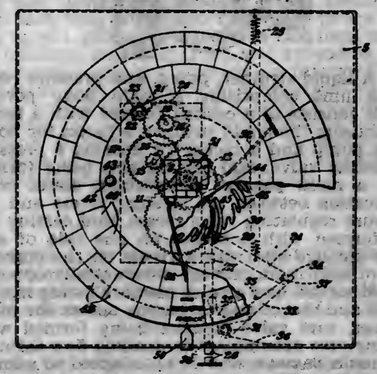
three parts are in a predetermined relative position.

2,106,429
CIGAR-WRAPPING MACHINE
Cesar Bustamante, New York, N. Y.
Application September 28, 1935, Serial No. 42,567
12 Claims. (Cl. 93—2)



1. In a cigar wrapping machine, a support for a sheet of wrapping material comprising a pair of rods spaced horizontally to receive a cigar between them, means for feeding a length of wrapping material over said rods, a stop adjustable longitudinally with respect to said rods to position a cigar on said wrapping material, means for wrapping said material around said cigar, and a pair of pivoted grippers for sealing the wrapper around the cigar.

2,106,430
AMUSEMENT DEVICE
Clarence F. Cookson, Lyndhurst, N. J.
Application March 28, 1935, Serial No. 13,411
Renewed August 17, 1937
6 Claims. (Cl. 35—8)



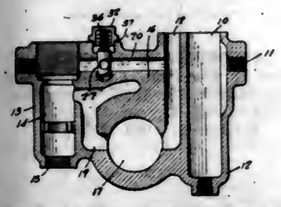
1. In combination, a disk, a member movable over said disk, operating means for said member, and an adjustable element having means to coact with means carried by a part of said operating means and control the actuation of said operating means, whereby movement of said member is limited to one of a plurality of definite positions with respect to the surface of the disk.

2,108,421
OPENER FOR CONTAINERS
Edward F. Cornwall, Union Township, Union County, N. J.
Application January 26, 1937, Serial No. 122,355
3 Claims. (Cl. 229—51)



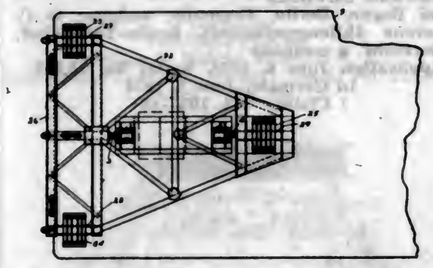
1. An opener for containers, comprising a main body having integral therewith a cutting tongue, said tongue being bent back upon the main body and spaced therefrom, and side members integral therewith and bent at right angles to the main body, said side members extending down on the same side of the main body as the tongue.

2,108,432
STRAINER, PUMP, AND PRESSURE REGULATING UNIT
Walter Czarnecki, Eddington, Pa., assignor, by mesne assignments, to Eddington Metal Specialty Co., Eddington, Pa., a firm
Application June 1, 1936, Serial No. 82,841
2 Claims. (Cl. 103—41)



1. A liquid strainer, pump, and pressure regulating unit comprising a main body portion which consists of a casting formed with a recess for housing the liquid strainer, a recess for housing a pump and a recess for housing a pressure regulating valve, said casting also being formed with a main passage establishing direct communication between the strainer recess and the pressure regulating valve recess, said casting being formed with a socket on one side of said main passage and with a recess on the opposite side of said main passage substantially opposite to said socket, and a valve member fitting in said recess and socket and extending across the main passage, said valve member being formed with a transverse opening for controlling flow through said main passage, and being adapted to assume different positions whereby communication in said main passage is opened or cut off, as occasion demands, said valve member also being formed with a passageway establishing communication between said transverse opening and the exterior of the casting, and also with a small opening leading into said transverse opening to establish communication between the said main passage and the said transverse opening when flow through said main passage is cut off by said valve member, said last mentioned opening and passageway constituting an air vent.

2,108,433
FLEET TESTING DYNAMOMETER
Vere B. Edwards, Canaopolis, Pa., assignor to Drave Corporation, a corporation of Pennsylvania
Application January 26, 1937, Serial No. 122,389
3 Claims. (Cl. 265—1)



1. A dynamometer structure adapted to be employed between a towing unit and a towed unit, such structure including in association with a dynamometer adapted to be mounted on one of said units, said dynamometer including a member movable in fore-and-aft direction, a pair of bearings adapted to be mounted on the same unit with the dynamometer and spaced apart transversely of the fore-and-aft line through said movable member, a frame including two spaced apart fore-and-aft extending members which members are mounted in said bearings and are movable therein in fore-and-aft direction, the said frame being adapted to engage the said movable member of the dynamometer, said frame also including a member extending transversely of such fore-and-aft line and adapted to be engaged by the other of the two units first named.

2,108,434
OPERATING MECHANISM OF VEHICULAR TOYS
Masakichi Fujii, Nippori Machi, Arakawa Ku, Tokyo, Japan
Application December 22, 1936, Serial No. 117,118
In Japan December 27, 1935
3 Claims. (Cl. 46—212)



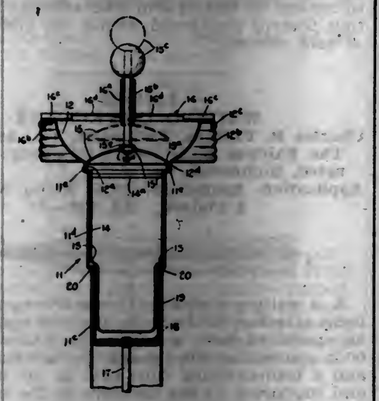
1. Operating mechanism of vehicular toys, which comprises a movable body, a spring motor provided therein, one of the rear wheels of the vehicle being rotated for forward movement by said motor, a normally inoperative reversing wheel, the other rear wheel being mounted freely upon a crank shaft separated from said first-named rear wheel, a bumper provided in front of said movable body and a transmission mechanism connected with said bumper and adapted for liberating the above crank shaft, the wheel on the crank shaft being lifted from a floor through the transmission mechanism when the movable body strikes against an obstacle so that the reversing wheel is brought into contact with the floor.

2,108,435
FAN
Harold F. Hagen, Dedham, Mass., assignor to B. F. Sturtevant Company, Hyde Park, Mass., a corporation of Massachusetts
Application June 12, 1935, Serial No. 26,138
4 Claims. (Cl. 230—132)



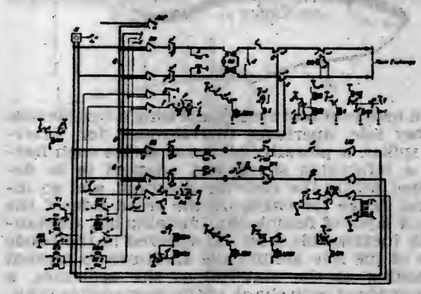
1. A fan rotor having blades and supporting means therefor, the blades being offset rearwardly with respect to the direction of rotation to strengthen the blades and to form a recess extending the radial depth of the blades and occupying a substantial portion of the axial length thereof, and plates affixed in said recess by welding along the inner and side edges to afford an uninterrupted driving face, said plates forming replaceable driving faces in the zones of the blades subject to substantial erosion.

2,108,436
ASH RECEIVER
Charles Hardy, New York, N. Y.
Application August 1, 1935, Serial No. 34,159
4 Claims. (Cl. 131—51)



1. An ash receiver comprising a base, an upright and a top hopper all united together to form a stand of fixed parts, the top of said upright defining a compartment directly communicating with the open bottom of said hopper, a separate ash receiving receptacle seated in said compartment and adapted to be lifted through the opening of said hopper for dumping the ash contents accumulating in said receptacle, a closure element normally closing the communication and manually movable upwardly to open the communication between the hopper and the said compartment, and mounting means for said closure element bridging the top of said stand, the said mounting means and movable closure element being constructed and arranged relatively to said fixed hopper and communicating compartment to permit the said lifting of the separate ash receiving receptacle through the opening of said hopper for the dumping of its contents.

2,108,437
AUTOMATIC TELEPHONE SYSTEM
Alfred Heyduck, Berlin-Nowenhagen, Germany, assignor to Mix & Genest Aktiengesellschaft, Berlin-Schoneberg, Germany, a company
Application November 23, 1935, Serial No. 51,252
In Germany November 28, 1934
6 Claims. (Cl. 179—18)



1. In a branch exchange system having local lines, outside trunks, common local trunks accessible to any of said local lines for establishing the connections from one local line to another, outside-trunk switching apparatus for establishing connections from a local line to an outside trunk and first discriminating means normally effective to associate said outside-trunk apparatus with a calling local line in response to the grounding of the calling local line, the combination which comprises an intermediate-call line, second discriminating means responsive to a grounding of the calling line after the establishment of a first connection to a first outside trunk for temporarily disabling said connection and initiating an intermediate-call connection over said intermediate-call line and over one of said local trunks; other means responsive to a later grounding of the calling line during the intermediate-call connection for releasing said intermediate-call connection and resuming said first connection and third discriminating means associated with said local trunk and responsive to the setting up of a particular number in said local trunk for releasing said local trunk and grounding said intermediate-call line whereby an intermediate-call from said calling branch exchange station over a second outside trunk is established by the actuation of said first discriminating means without actuating said second discriminating means so as to resume the previously established connection to said first outside trunk.

2,108,438
PROCESS OF TREATING HYDROCARBON VAPORS WITH ZINC CHLORIDE
Franklin E. Kimball, Los Angeles, Calif.
No Drawing. Application July 21, 1936, Serial No. 91,788
9 Claims. (Cl. 196—36)

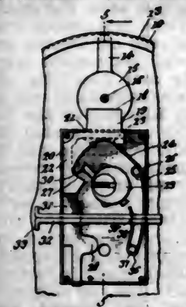
3. In the refining of hydrocarbon vapors, at a temperature between 355 degrees Fahrenheit and zinc chloride fusion-temperature, the step which comprises passing the vapors beneath the surface of a fused maintained treating-mixture containing sufficient ammonium chloride to prevent separation of zinc chloride and sufficient zinc chloride to prevent separation of ammonium chloride.

2,108,439
SPIKED SHOE
Leslie H. L'Hollier, Waltham, Mass., assignor to Hood Rubber Company, Inc., Watertown, Mass., a corporation of Delaware
Application December 16, 1936, Serial No. 115,201
1 Claim. (Cl. 36—7.6)



An article of footwear comprising a thin flexible rubber sole, apertures therethrough for receiving spikes, a plurality of metal spikes each having a bifurcated shank end adapted to be deformed within the shoe for clinching, and an integral flange for engaging the tread side of the sole, a layer of flexible non-metallic but substantially inextensible material adhered to the inside face of the sole around the apertures to prevent spreading of the material at the apertures, a washer about each shank at the inextensible layer, said washer, inextensible layer and sole being held clamped against said flange by the clinched end of the shank, and an insole at least substantially equal in thickness to the washers and the clinched ends of the shanks so as to present a substantially flush insole surface, said insole being adhered to the sole within the shoe, and clearance openings to receive the washers.

2,108,440
LOCKING DEVICE FOR MAIL RECEPTACLES
Thomas F. Murphy, New York, N. Y.
Application October 1, 1936, Serial No. 103,590
7 Claims. (Cl. 70—240)



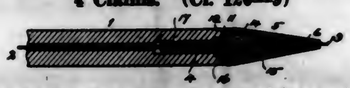
2. A locking device for mail receptacles, comprising knob actuated holding means adapted to be secured to the door of a mail receptacle for maintaining the same closed, a locking bolt mounted on the inner side of the door in proximity to said device and biased into interlocking engagement with the device when the latter is in door holding position, an individual key receiving member carried by the door operable on said bolt to retract the same and release said device by insertion and operation of a predetermined key, a master key receiving element mounted on the door in proximity to the bolt for receiving and supporting a master key, means on the bolt adapted to be engaged by the master key for engaging and retracting the bolt, and a releasable latch bar carried upon the inner side of the door for interlocking engagement with the bolt when retracted by either of said key devices and adapted to be manually released for freeing the bolt for cooperation with the holding device.

2,108,441
PENCIL
Hans Mauscher, New York, N. Y.
Application September 28, 1936, Serial No. 103,071
4 Claims. (Cl. 120—14)



3. For use in a mechanical pencil, a lead holder comprising two coaxial sleeves, one of which surrounds the other, and said sleeves being relatively rotatable but fixed axially, the inner of said sleeves having a bore the diameter of which is substantially the same as that of a lead positioned therein, and each of said sleeves having a spiral slot in the walls thereof, said spiral slots being of opposite and unequal pitch, and a lead propelling member within the inner sleeve adapted to engage an end of said lead and having a portion thereof positioned within the slots of both of said sleeves.

2,108,442
WRITING INSTRUMENT
Charles H. Phillips, Richmond, Va., assignor to The Fairway Real Estate Company, Incorporated, Richmond, Va.
Application August 19, 1936, Serial No. 96,730
4 Claims. (Cl. 120—9)

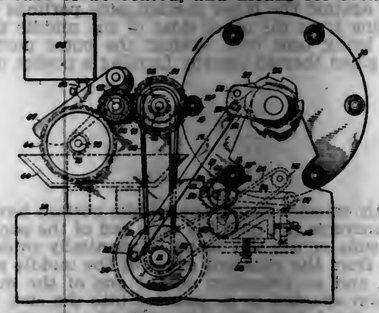


3. A writing instrument: comprising a stem; a point attached to the stem; the said point having an apertured base, a hollow tip, and a resilient body connecting the tip and the apertured base; and a lead-carrying tube held in the hollow tip and supported in the aperture in the base.

2,108,443
COLLAPSIBLE TUBE ENAMELING MACHINE
Walter Prussing, New York, N. Y., assignor to Vieter Metal Products Corporation, Brooklyn, N. Y., a corporation of New York
Application April 12, 1934, Serial No. 720,170
5 Claims. (Cl. 91—50)

1. In a machine for preparing a collapsible metal tube for the printing of indicia thereon, means including a first roller of length less than the length of said tube for applying colored opaque coating material to the entire cylindrical surface of one part of said tube, means spaced from said first-mentioned means and including a second roller of length less than the length of said tube and of a length equal to the remaining length of the cylindrical surface of said tube for applying separate transparent coating material capable of being imprinted with indicia to the entire cylindrical surface of the remaining

part of said tube, means including a single rotatable turret for moving said tube between the aforesaid coating applying means, means for adjusting the position of said second roller relatively to a tube to be coated, and means for rotating



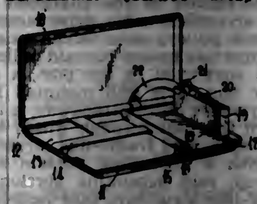
said second roller including a plurality of gears carried by the adjusting means, and a swingable gear mounted independently of the adjusting means and in driving contact with one of the plurality of gears in all positions thereof.

2,108,444
ENAMELED PLAQUE AND METHOD OF MAKING SAME
Alfred F. Reilly, North Attleboro, Mass., assignor to Evans Case Company, a corporation of Massachusetts
Application October 2, 1935, Serial No. 43,339
3 Claims. (Cl. 41—22)



1. In an article of the class described, in combination, a metal plate having a design in relief formed thereon, said plate being engine turned, and a coating of enamel on said plate, the surface of said plate having areas of varying depths to produce said design whereby a varying shading effect is imparted by said enamel over said areas.

2,108,445
RECEPTACLE
Alfred F. Reilly, North Attleboro, Mass., assignor to Evans Case Company, North Attleboro, Mass., a corporation of Massachusetts
Application May 21, 1937, Serial No. 144,066
11 Claims. (Cl. 206—41.4)



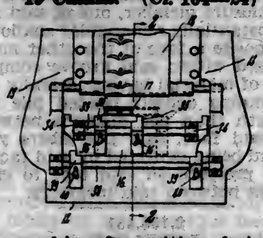
1. A receptacle comprising two members hinged together, a lighter carried by one member, means on said member for holding the lighter at approximately 90° to the member, and a curved spring on the other member to engage the lighter and cause it to be substantially parallel to the first member as the receptacle closes.

2,108,446
REFLECTOR DEVICE
Oliver C. Ritz-Woller, Chicago, Ill.
Application January 19, 1935, Serial No. 2,479
9 Claims. (Cl. 88—82)



1. In a device of the type described, the combination of a casing member having an opening in its front wall portion, a lens having a forwardly tapered portion extending through said opening, a member of yielding resilient material surrounding the forwardly tapered portion of said lens and compressed edgewise of the wall between the tapered portion of the lens and the edge of the wall surrounding said opening when said lens and said resilient member are pressed forwardly, and means for holding said lens yieldingly in position and for tightly closing the casing in rear of the lens for preventing the entrance of water and comprising a comparatively thick pad of yielding resilient material in rear of said lens adapted when pressed forwardly to apply forward pressure on said lens and said resilient member and adapted under normal conditions to permit a substantial backward yielding movement of said lens, and means for holding said pad compressed for normally applying forward pressure on said lens and said resilient member so as to hold said resilient member also compressed.

2,108,447
PERFORATING MACHINE AND METHOD OF OPERATING THE SAME
Stig E. Rosenberg, Brockton, Mass.
Application January 15, 1936, Serial No. 59,233
10 Claims. (Cl. 164—24)

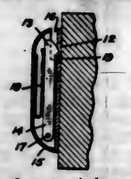


1. In a machine for cutting designs in shoe uppers or the like, a cutting die, a backing strip for the work above said die, means for causing said die to cut upwardly against said strip, means for feeding said strip after each cutting operation, and means for laterally adjusting the operating position of said die.

2,108,448
PURIFICATION OF NAPHTHENIC ACIDS
John T. Rutherford, Berkeley, Calif., assignor to Standard Oil Company of California, San Francisco, Calif., a corporation of Delaware
No Drawing. Application July 3, 1933, Serial No. 678,996
3 Claims. (Cl. 260—108)

1. The process of purifying naphthenic acids which comprises treating crude naphthenic acids with a strong sulfuric acid in the presence of a water-immiscible diluent more volatile than the naphthenic acids and relatively inert to sulfuric acid and separating the sulfuric acid sludge, saponifying the treated acids with aqueous alkali in the presence of the diluent, separating the diluent phase, and acidifying the aqueous naphthenate solution with a mineral acid.

2,108,449
HOLDER FOR STRING
Joseph M. Sapunar, San Mateo, Calif.
Application January 29, 1936, Serial No. 61,396
2 Claims. (Cl. 242—144)



2. In a holder for a string, a housing having an aperture therein, a latch pivotally mounted within said housing, a projection on said latch, yieldable means normally urging said latch into a position in which said projection extends into said aperture, and a longitudinal slot in said housing in substantial registry with said projection and said aperture permitting insertion of a string between said latch and said aperture, said string being fed through the holder laterally with respect to said latch.

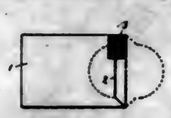
2,108,450
CLOSURE AND WEATHER STRIPPING THEREFOR
Charles P. Schlegel, Rochester, N. Y., assignor to The Schlegel Manufacturing Company, Rochester, N. Y., a corporation of New York
Application April 12, 1935, Serial No. 16,053
6 Claims. (Cl. 20—69)



1. In a device of the class described, a frame member, a closure member, one of said members having a substantially rectangular shallow groove disposed opposite a face of the other member, a weather guard within said groove comprising a woven strip of material having laterally and outwardly extending densely related pile fibers of greater length than the distance between said strip and said face, said pile fibers yieldingly engaging and being deflected by said face whereby to exert pressure on said face to effectively seal the joint between said members.

2,108,451
ENVELOPE
Leonid L. Selesneff, New York, N. Y.
Application March 18, 1937, Serial No. 131,665
In France October 17, 1936
1 Claim. (Cl. 229—84)

An envelope consisting of a sheet of paper having a rectangular middle portion, an inner and an outer end portion extending from the opposite sides of the middle portion and being of substantially the same size as the middle portion, the inner portion being bent over against the middle portion, the outer portion being bent over against the inner portion, side portions extending from the other sides of the middle portion being bent over against the outer portion and glued thereto thereby forming a pocket uni-

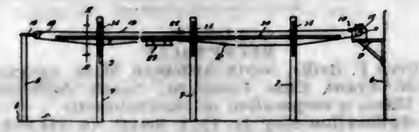


formly smooth inside, the middle portion having a transverse slot near the open end of the pocket, the ends of the slot being substantially equidistant from the adjacent edges of the middle portion, and an extension on the end of the outer portion adapted to be inserted into the slot, the extension being cut at an angle of approximately 45° from its base to the point of entrance into the slot, the rest of the extension being of a semicircular shape.

2,108,452
CELLULOSE MIXED ESTER COMPOSITIONS CONTAINING HIGHER FATTY ACID ESTERS
Henry B. Smith, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application May 16, 1934, Serial No. 725,955
7 Claims. (Cl. 106—40)

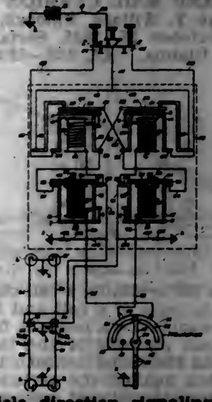
1. A transparent, flexible sheet comprising 100 parts by weight of a cellulose mixed ester of fatty acids containing less than 1.5 esterifiable hydroxyl groups per 24 carbon atoms of the cellulose radical, and, as a plasticizer therefor, from 5 to 25 parts by weight of an ester of a fatty acid of from 12 to 18 carbon atoms with a monohydric alcohol of from one to four carbon atoms.

2,108,453
MAIL CARRIER
Guy Spencer, Heyworth, Ill.
Application February 6, 1937, Serial No. 124,491
1 Claim. (Cl. 104—177)



An article carrier of the character described comprising an endless cable, drive means for said cable, spaced pulleys over which the cable is trained, supporting means for said pulleys, a post, a trackway supported by the post, a receptacle attached to the cable and mounted for longitudinal movement on the trackway, a frame-like structure on the post through which the receptacle is movable, said frame-like structure being provided with a depending portion supporting the trackway, said depending portion provided with a loop-like structure, said loop-like structure serving as a guide for one flight of the cable, and anti-frictional means in the said loop-like structure for said cable.

2,108,454
SIGNALING DEVICE FOR VEHICLES
Louis Edward Stedman, Cincinnati, Ohio
Application March 8, 1934, Serial No. 714,616
19 Claims. (Cl. 177—339)



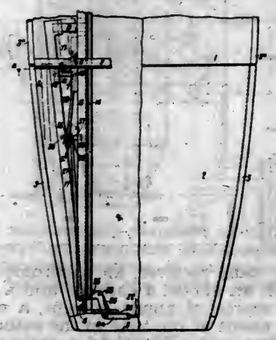
1. A vehicle direction signaling means comprising in combination a steering gear controlled switch, a left turn signal initiating switch and a right turn signal initiating switch both within the reach of an operator of the vehicle, a left turn signal device and a right turn signal device supported upon the vehicle for indicating to persons other than the operator the operator's intention to steer the vehicle from a straight course, a source of electricity, electrical circuit means including the source of electricity and the signal initiating switches, and the signal means, and electrical devices included in said electrical circuit means for energizing said signal means alternately upon alternate momentary closing of the signal initiating switches in all positions of the steering gear controlled switch and for maintaining said signal means alternately and separately energized during the entire period between alternate circuit closing actuations of said signal initiating switches, and an electrical circuit including the steering gear controlled switch for de-energizing the signal means upon completion of an indicated turn.

2,108,455
PROCESS FOR RENDERING A TEXTILE MATERIAL RESISTANT TO MOISTURE
Herbert G. Stone, Kingsport, Tenn., and Carl J. Malm, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application March 31, 1934, Serial No. 718,516
6 Claims. (Cl. 91—68)

1. A process for rendering a textile material resistant to moisture which comprises thoroughly wetting the material with a substantially neutral aqueous solution of a water-soluble salt of a cellulose ester containing a dicarboxylic acid radical and then regenerating the cellulose ester.

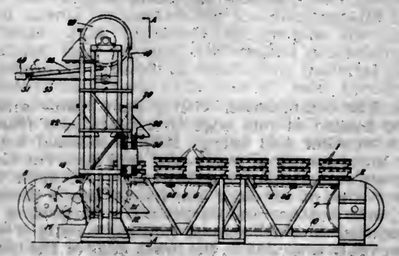
2,108,456
AUTOMOBILE BODY
Norman Aubrey Delano Thompson and John William Fagan, London, England, assignors to Park, Ward & Company Limited, London, England
Application May 27, 1936, Serial No. 82,010
In Great Britain July 23, 1935
9 Claims. (Cl. 296—99)

1. In a structure of the character described, windshield posts, and an auxiliary roof portion comprising a peak rail, a panel hinged to the peak rail at its forward end, a bar extending longitudinally adjacent the undersurface of the panel, a ramp slidably mounted on the bar for raising and lowering the rearward end portion of the panel, a cantrail, a toggle mechanism secured to the cantrail and to the longitudinally extending bar for extending and retracting the



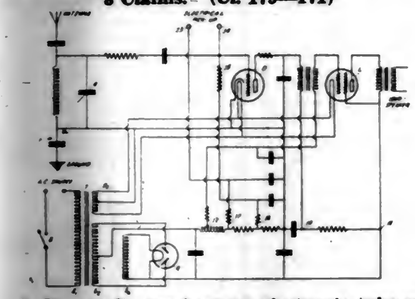
cantrail, locking means for engaging the auxiliary roof portion with the windshield posts and for disengaging it therefrom, and means comprising a control crank mounted on the peak rail, a bell crank, a rod connecting the control crank and the bell crank, and a rod connecting the bell crank and the toggle mechanism for simultaneously actuating the ramp, the toggle mechanism, and the locking means.

2,108,457
APPARATUS FOR AUTOMATICALLY FEEDING METAL PIGS
Vincent Tobia, Chandlers Ford, England, assignor to Pirelli-General Cable Works Limited, London, England, a British company
Application December 4, 1935, Serial No. 52,795
In Great Britain December 8, 1934
16 Claims. (Cl. 198—35)



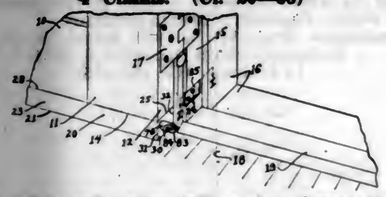
16. Apparatus for the automatic delivery of metal pigs, comprising in combination a conveyor in co-operative relationship with an elevator, a series of tables on said conveyor for the reception of groups of pigs, each of said tables being revoluble about an axis at right angles to its supporting surface, and means in operative association with said elevator for intermittently rotating the table for the time being in operative relationship with said elevator about its axis through a right angle.

2,108,458
RECEIVER
Jacob Marinus Unk, Eindhoven, Netherlands, assignor to Radio Corporation of America, a corporation of Delaware
Application August 8, 1929, Serial No. 383,243 Renewed April 6, 1936. In Germany August 28, 1928
8 Claims. (Cl. 179—171)



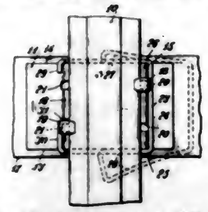
1. In a radio receiver, an electronic tube provided with an anode, a cathode and a grid electrode, a source of anode current, a connection from the anode of the tube to the cathode thereof including said source and a resistor element in series, a connection from the grid of the tube to the cathode thereof, said connection including a portion of said resistor whereby the included portion of the resistor is both in the grid and plate circuits of the tube, a pair of terminals for connection of an electrical pick-up device, a direct connection from one of said terminals to the grid of the tube and a direct connection from the other of said terminals to the cathode of said tube said last named connection also including at least a portion of said resistor.

2,108,459
WEATHER AND CARPET STRIP
Laurence E. Voorhees, Washington, D. C.
Application May 10, 1937, Serial No. 141,832
4 Claims. (Cl. 20—68)



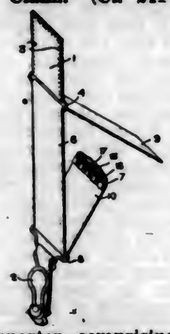
1. The combination with a door frame and a door hinged at one edge thereof to said frame, of a weather and carpet strip positioned below the lower marginal portion of said door for closing substantially the entire space between the lower edge of the door and its subjacent threshold, said weather and carpet strip comprising an elongated channel-shaped housing having a web removably attached to the lower edge of the lower marginal portion of said door and upwardly disposed with respect to flanges perpendicular to said web and spaced so as to be flush with corresponding faces of the door, an elongated channel-shaped sealing drop having a web downwardly disposed with respect to flanges perpendicular to said web and spaced so as to permit the drop to freely telescope into projected and retracted positions within said housing, means for projecting the sealing drop out of the housing when the door is closed and thereby bringing the lower sealing strip thereof into yielding engagement with its subjacent threshold, and means for retracting the sealing drop within the housing when the door is opened.

2,108,460
TIE PLATE AND RAIL CUSHION RETAINER
George T. Willard, Chicago, Ill.
Application October 25, 1935, Serial No. 46,710
17 Claims. (Cl. 238—283)



11. A device for retaining a rail cushion member between the base of a rail and the top face of a tie plate comprising a resilient frame adapted to seat upon portions of the tie plate and having portions extending beneath the rail base adapted to abut against the vertical edge portions of the tie plate and said cushion member.

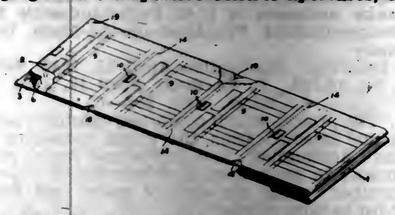
2,108,461
HOSE SUPPORTER
Diana P. Williams, Boston, Mass.
Application November 27, 1936, Serial No. 112,930
1 Claim. (Cl. 241—3)



A hose supporter comprising a non-elastic upper section adapted to be sewed to a corset or other supporting garment, a metal loop permanently secured to said upper non-elastic portion, a hose-gripping member having at its upper end a second metal loop, a length of elastic webbing extending loosely through and being detachable from both metal loops, and a buckle separate from each metal loop and secured to one end of the webbing, said buckle having a slot through which the other end of the webbing extends, and a gripping member for gripping the latter end of the webbing, said gripping member being located on the inside of the webbing and the outer face of the buckle below the slot being covered by the webbing.

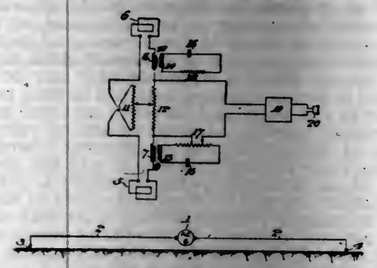
2,108,462
CONTINUOUS MANIFOLDING STRIP SUPPLIES
William J. Wiswall, Portland, Oreg., assignor, by mesne assignments, to American Sales Book Company, Inc., a corporation of Delaware
Application January 22, 1929, Serial No. 334,262
35 Claims. (Cl. 282—12)

1. A manifolding, recording pack of the character described including, in combination, a composite traveler work-web including a plurality of relatively superposed strips and having a longitudinal series of strip-control apertures, and strip-aligners carried by the work-web and engaging in the respective control apertures, each



of said strip-aligners being composed of a single integral sheet member, said aligners loosely threading through said apertures of the intermediate strip or strips of said work-web and being fast to the upper and lower strips thereof.

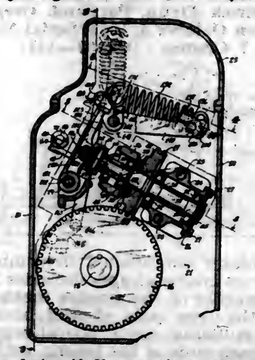
2,108,463
APPARATUS FOR ELECTRICAL PROSPECTING
Theodor Zuschlag, West Englewood, N. J., assignor to Hans T. F. Lundberg, Montreal, Quebec, Canada
Application June 25, 1936, Serial No. 87,230
4 Claims. (Cl. 175—182)



1. Apparatus of the character described comprising, a plurality of pick-up coils, a plurality of potentiometers, and a plurality of phase transformers, said elements being electrically connected in such a way that current induced in the coils produces a potential across the potentiometers and energizes the transformers, and the sliders of said potentiometers being connected with each other and movable in such a way that the impedance of each of the two coil circuits as a whole remains constant.

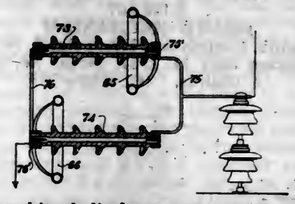
2,108,464
ENGINE GOVERNOR
Anker K. Antonsen, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill., a corporation of Illinois
Application December 28, 1935, Serial No. 56,439
6 Claims. (Cl. 264—3)

1. In a governor assembly of a type including centrifugally movable speed responsive members, a governor shaft and means for rotating said shaft to actuate said members, an element displaceable along the axis of the shaft in response to movement of the centrifugal members, a lever operatively associated with the displaceable element, a spring connected to the lever in a manner to oppose speed responsive movements thereof, a manual control member for swinging said spring to vary the angle and effective loading thereof with respect to the lever, and through a range of positions including both zero degrees and ninety degrees to the lever, an auxiliary



spring of substantially constant effective loading on the centrifugal members, and means for varying the inherent loading of the spring, in the different positions of the control member.

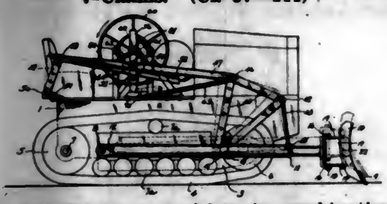
2,108,465
SURGE ARRESTER
Arthur O. Austin, near Barberton, Ohio, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio, a corporation of New Jersey
Application May 12, 1932, Serial No. 610,849
20 Claims. (Cl. 175—30)



7. A combined discharge gap and arc clearing device comprising a dielectric member having a passage therethrough, spaced discharge terminals for directing a discharge through said passage, and means for controlling the electrostatic field between said terminals to initiate discharge through said passage, said means comprising a capacitance member of conducting material electrically connected with one of said terminals and disposed adjacent said passage but separated therefrom by said dielectric member and having one extremity thereof located in a plane normal to the axis of said tube between the adjacent extremities of said discharge terminals, said passage having an opening to atmosphere to permit exit of a blast for extinguishing the arc formed by a discharge between said terminals and being of sufficient length that the blast caused by said discharge will extinguish the arc thus formed at the operating conditions for which said device is designed.

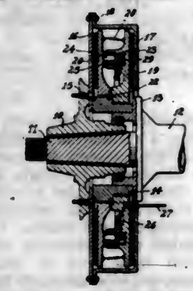
12. In an insulating device, two conducting elements shaped to provide non-uniform potential gradients over the surfaces thereof, and insulating means separating said elements, said elements being arranged so that the maximum gradient point of each of said surfaces lies in a line of electrostatic force which terminates at a region of low potential gradient at the other of said surfaces.

2,108,466
BULLDOZER
George S. Allin, Seattle, Wash., and Theodore Patrick Flynn, Portland, Oreg.
Application October 4, 1935, Serial No. 43,518
7 Claims. (Cl. 37—144)



1. A bulldozer comprising, in combination, a tractor, thrust beams at opposite sides of and extended forwardly of the tractor means pivotally attaching the rear ends of said beams to the tractor, a bulldozer blade operatively mounted by the forward ends of the beams, rocker frames pivotally mounted on the tractor adjacent the forward ends of the thrust beams, links connecting the rocker frames with their corresponding thrust beams for raising or lowering the latter, a rocker shaft mounted across the rear of the tractor, lever arms fixed thereto, links connecting said arms and the rocker frames for actuating the latter, a rack bar operatively connected with an arm of the rocker shaft, a hand wheel, a pinion gear in mesh with the rack bar and operated under control of the hand wheel to actuate the rocker shaft.

2,108,467
BRAKE MECHANISM
Adolph Backstrom, Hempstead, N. Y.
Application May 11, 1937, Serial No. 141,897
4 Claims. (Cl. 188—72)

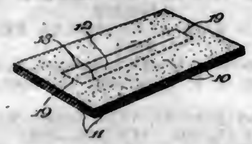


1. In a brake mechanism, a brake-drum, brake-shoes movable axially from a normally inactive position out of braking contact with said brake-drum to an active position wherein braking contact between said brake-shoes and said brake-drum is maintained, one said brake-shoe being rotationally fixed and the other said brake-shoe being loosely mounted whereby free relative circumferential movement between it and said first mentioned brake-shoe is induced once contact between the loosely mounted brake-shoe and the brake-drum is established, means responsive in its operation to relative circumferential movement of said loosely mounted brake-shoe adapted to automatically progressively intensify the braking pressure once said brake-shoes are rendered active, and means interposed between said brake-shoes and completely housed within said brake-drum adapted to render said brake-shoes active or inactive at will.

2,108,468
PREPARATION OF HIGH MOLECULAR SULPHUR CONTAINING PLASTICS
Wilhelm Becker, Cologne-Mulheim, and Ludwig Orthner, Frankfort-on-the-Main, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application April 15, 1935, Serial No. 16,534. In Germany April 18, 1934
8 Claims. (Cl. 260—6)

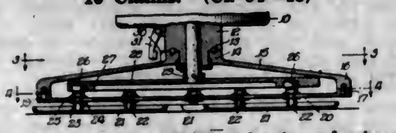
1. The process which comprises causing a polysulphide selected from the group consisting of alkali-, ammonium- and earthalkali metal polysulphides to react upon 2-chloroethyl-2'-chloroethylether in the presence of water and finely divided barium sulphate.

2,108,469
PROTECTOR PAD FOR PERMANENT HAIR WAVING
Harry Bonat, New York, N. Y.
Application April 17, 1936, Serial No. 75,025
1 Claim. (Cl. 132—36.1)



A scalp protective element of the character described comprising a pad composed of two superimposed sheets of flexible material secured together, said pad having an elongated slit therein through which a strand of hair may be inserted to permit disposing said pad in close proximity to the scalp, said sheets of material being connected together adjacent to and on opposite sides of the slit by rows of stitching extending in the same general direction of said slit, and a pair of spring members of substantially U-shaped formation disposed between said sheets of material in opposite relation to each other with their leg portions disposed in straddling relation to said rows of stitching for yieldingly urging the edges of the slit toward each other.

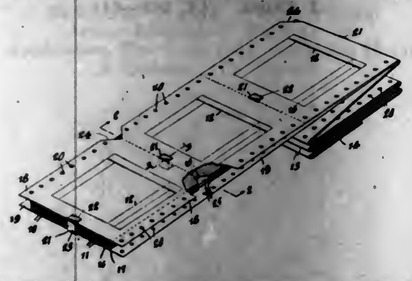
2,108,470
FLOOR TROWELING MACHINE
Harold S. Boulton, Chicago, Ill.
Application December 28, 1936, Serial No. 117,843
10 Claims. (Cl. 94—45)



1. In combination, a frame having a horizontal member providing a slot, a trowel plate having a portion projecting through said slot, a motor, a plate having a cam groove secured to the motor shaft, the upwardly projecting portion of the trowel stud engaging said groove.

2,108,471
COMPOSITE TRAVELER RECORD FASTENER
Archie Minor Bovier, Elmira, N. Y., assignor to American Sales Book Company, Inc., Niagara Falls, N. Y., a corporation of Delaware
Original application October 14, 1931, Serial No. 568,702. Divided and this application June 5, 1936, Serial No. 83,723
7 Claims. (Cl. 282—12)

1. A manifolding pile comprising a plurality of superposed continuous record strips and interleaved transfer strips having transverse lines of severance, located at sheet-length intervals along the pile along which the strips may be severed, into sets of superposed record and transfer sheets; and means located on the lines of severance for holding the strips in registration in the pile until the pile is severed, said means being biased to yieldingly engage and hold the sheets of a severed set together against casual separation but permitting intentional removal without mutilating or tearing any portion of any sheet.



2,108,472
TRAY FASTENING DEVICE
John J. Brassil, Baldwinsville, and Cornelius A. Brosnan, Worcester, Mass., assignors to E. L. Thompson Chair Corporation, Baldwinsville, Mass., a corporation of Massachusetts
Application November 21, 1936, Serial No. 111,998
3 Claims. (Cl. 155—127)



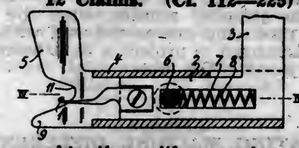
1. A tray attaching device comprising a first member to be attached to a chair arm, a second member to be attached to the under side of a tray, said first member being slidable within said second member and having a series of openings therein and said second member having associated portions cooperating to provide a longitudinal passage in which said first member is received and slidable and having inner and outer parts forming the enclosing sides of a rectangular recess at one side of said passageway, a locking device mounted in said recess and movable transversely thereof and into said passageway to locking position, and means in said recess engaging said device and effective to withdraw said device from locking position by manual operation thereof.

2,108,473
CLIP
Willie W. Breck, Winnfield, La., assignor of one-half to Pearl W. Lasseter, Winnfield, La.
Application August 27, 1937, Serial No. 161,331
4 Claims. (Cl. 24—261)

2. A clip including elongated loops pivotally connected and constituting opposed jaws, fingers extending from the respective jaws at their pivots, cross members connecting the fingers, a gravity lock pivotally mounted on one of the cross members for movement into position between the members to hold the jaws against movement relative to each other when pressed together, and means extending from the other cross member for limiting the movement of the gravity lock.



2,108,474
DEVICE FOR THREADING THE NEEDLE IN SEWING MACHINES
Arne Brun and Jacob Andersen Honne, Oslo, Norway, assignors to Isak Andersen Honne, Oslo, Norway
Application June 26, 1935, Serial No. 28,570
In Norway June 6, 1935
12 Claims. (Cl. 112—225)

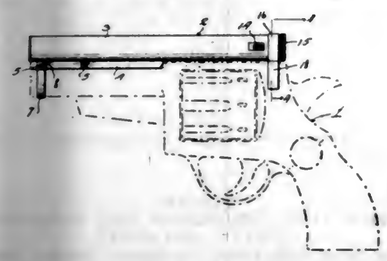


1. In combination with a sewing machine, a needle threading device comprising a threading hook which may be passed through the needle eye, a hook carrying arm pivotally attached to a stationary portion of the machine so arranged as to move in forward direction, passing the hook through the eye and letting the hook catch the thread, and then to move back in the opposite direction, pulling the thread through the eye, a hook guiding member movably mounted on the hook carrying arm, a spring arranged between the arm and guiding member to tend to push the latter forwards on the arm, and guiding means proper provided in such a manner on said guiding member that they during the forward movement of the arm with hook and guiding member forwards towards the needle firstly engage the needle and stop against same to adjust the arm with hook properly relatively to the needle, then during further movement of arm and hook lie stationary and yield relatively thereto to guide the hook safely through the eye, the spring being simultaneously tightened, whereupon during backward movement of the arm finally the spring returns the guiding member on the arm whereby the hook with the caught thread is pulled through the eye during such backward movement of the guiding member into initial position on the hook carrying arm.

2,108,475
COMBINED FIREARM AND SPOTLIGHT
Leonard W. Cooper, La Grande, Oreg., assignor to The Cooper Spot-Sight Co. Inc., La Grande, Oreg., a corporation of Oregon
Application April 21, 1936, Serial No. 75,638
3 Claims. (Cl. 240—6.41)

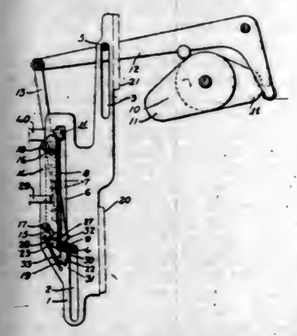
1. In a firearm having a frame body, a barrel extending therefrom and a sight on the muzzle end of the barrel, in which the top of the barrel is lower than the top of the frame body, a target lighting means comprising a tube longitudinally

divided from one end through a portion of its length, a pair of flanges extending longitudinally of the tube and each bordering an edge of the tube division, said flanges extending the length of the division and forming tube supports adapted to rest upon said barrel and having a width sufficient to maintain the tube at an elevation permit-



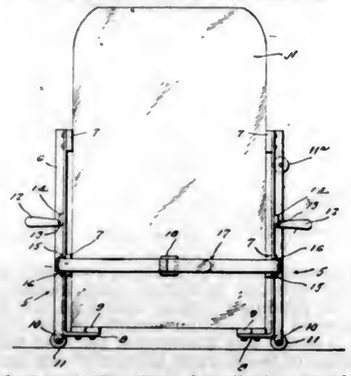
ting the unflanged portion of the tube to extend lengthwise upon the top of the frame body, said sight being disposed between the flanges, means coupling the flanges and drawing the same together into gripping relation with the sight, and light producing means disposed within the tube and arranged to project a light beam from the forward end of the tube.

2,108,476
CALCULATING MACHINE DIFFERENTIAL MECHANISM
Tord Olof Rickard Dahlberg, Stockholm, Sweden
Application May 5, 1936, Serial No. 77,934
In Sweden May 6, 1935
2 Claims. (Cl. 235—8)



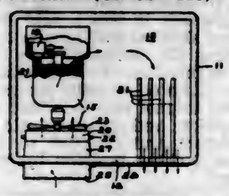
1. In a key controlled calculating machine in combination with a row of key set stops, a movable actuating rack having a row of stops thereon and being provided with a slot parallel to said stop row, a shaft projecting through said slot and being guided therein, a two armed lever pivotally arranged on said shaft and means to reciprocate said shaft and lever positively along said row of key set stops, each of the latter being adapted upon depression of the corresponding key to project into the path of one arm of said lever, the lever being formed and arranged to swing upon the impact of said first lever arm against any of said key set stops into a position in which its second arm engages one of the stops on said rack, whereby the rack is carried along with said lever during a predetermined part of the latter's reciprocation.

2,108,477
REFRIGERATOR HANDLING AND MOVING DEVICE
Frank De Gheselle, East Moline, Ill.
Application March 29, 1937, Serial No. 133,741
1 Claim. (Cl. 280—61)



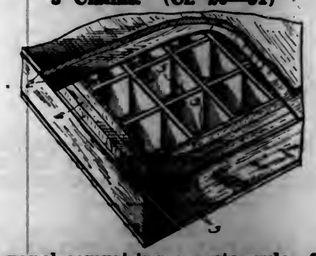
A device of the class described, comprising a frame including a pair of L-shaped members and cross members connecting said first mentioned members together in spaced relation, an ear on each L-shaped member at the junction of the long arm with the short arm, said ear projecting beyond the short arm, a roller having its pintles journaled in the ears, a platform extending between the short arms and connected at its ends with said arms, and an L-shaped handle pivoted at the junction of its long arm with its short arm to each L-shaped member, the short arm engaging a part of the L-shaped member of the frame to limit upward swinging movement of the long arm of the handle member, the handle member swinging to inoperative position under the action of gravity.

2,108,478
REFRIGERATION APPARATUS
Sidney C. Eaker and Elliott E. Grover, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 18, 1935, Serial No. 2,342
5 Claims. (Cl. 62—116)



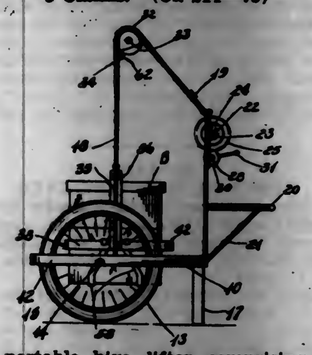
1. In refrigerating apparatus, the combination of a compressor, a motor for driving the compressor, walls forming a machinery compartment for housing the motor and compressor, said machinery compartment having air inlet and exhaust openings in a wall thereof, a fan for circulating air into and out of said machinery compartment through said openings, and a plurality of sound-dampening vanes disposed in spaced relation across one of said openings perpendicularly to said wall embodying said openings, said spaced sound-dampening vanes providing a plurality of substantially unrestricted passages in said last-mentioned opening from said machinery compartment and being effective to dampen the passage of noise from the machinery compartment through the last-mentioned opening.

2,108,479
NONSHRINKABLE WOOD PANEL
Armin Elmendorf, Chicago, Ill.
Application March 11, 1935, Serial No. 10,451
3 Claims. (Cl. 20—91)



1. A panel comprising a rectangular frame of wood, plywood facings extending across opposite sides of and secured to the frame, each facing containing plies in which the grains are respectively at right angles to the axes of the frame, at least some of the grain in each member of the frame running through the same from one of said facings to the other and approximately normal to the facings, and a filler in the space enclosed by the frame and the facings, the filler including pieces of wood distributed across the length and width of the filler whose edge faces are glued to the said facings and contain end grain.

2,108,480
HIVE HANDLING APPARATUS
Wade H. Foster, Bad Axe, Mich.
Application March 4, 1937, Serial No. 128,942
8 Claims. (Cl. 214—75)



1. A portable hive lifter comprising a two wheeled frame, open at its forward end to straddle a bee hive vertically disposed tracks secured to said frame, a hive clamp provided with legs slidably associated with said tracks, and means for raising or lowering said hive clamp.

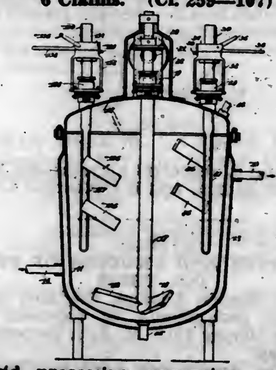
2,108,481
WRITING BOARD
Edward J. Gerety, Bronx, N. Y., assignor to The McBee Company, Athens, Ohio, a corporation of Ohio
Application June 4, 1935, Serial No. 24,796
3 Claims. (Cl. 282—29)

1. A writing board having a platen for supporting a master sheet upon which entries are to be made, a spacer mounted adjacent said platen and adapted for movement along one side of said platen, said spacer being provided with means for locking an entry strip on said master sheet, a movable element, means actuated by the movement of said element for automatically moving said spacer along said platen a predetermined



distance after each entry is made on said master sheet, there being a slot in the lower surface of said movable element into which the entry strip holding means project, elastic and compressible cushions located on the edges of said slot whereby the movement of said element into lowered position operates to clamp said entry strip on the master sheet.

2,108,482
FLUID PROCESSING APPARATUS
Otto W. Greene, Elyria, Ohio, assignor to The Pfaudler Co., Rochester, N. Y., a corporation of New York
Application January 16, 1936, Serial No. 59,424
6 Claims. (Cl. 259—107)

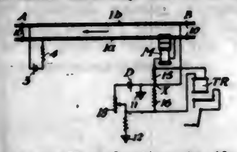


1. Fluid processing apparatus comprising a container for holding fluid, agitating means for moving the fluid within the container, a plurality of dissimilar baffle means within said container, one shaped to deflect fluid upwardly, another shaped to deflect fluid downwardly, and means operable from the exterior of said container for separately adjusting the position of each of said dissimilar baffle means.

2,108,483
RAILWAY SIGNALING APPARATUS
Lars O. Grondahl, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Application May 17, 1935, Serial No. 22,052
4 Claims. (Cl. 246—41)

3. In combination, a section of railway track, a track circuit for said section including a main source of current and a track relay, means including an auxiliary source in the wayside for passing a current in the reverse direction to that supplied from said main source through said track relay, the magnitude of said reverse current being such that normally the track relay energization from said main source predominates sufficiently to maintain said relay picked up, and

means including a ground path for by-passing a portion of the current from said auxiliary source in accordance with variations in the ground resistance whereby when a train enters



said section a small reduction in the energization from said main source renders the reverse energization from said auxiliary source effective to release said track relay.

2,108,484

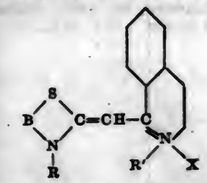
1'-CYANINE DYES AND A PROCESS FOR THE PREPARATION THEREOF

Frances Mary Hamer and Nellie Ivy Fisher, Harrow, England, assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application January 8, 1934, Serial No. 705,818. In Great Britain January 9, 1933

4 Claims. (Cl. 260—41)

1. A 1'-cyanine dye of the following structure:



wherein R and R' represent alkyl groups, X represents an acid radical and B represents a phenylene group.

2,108,485

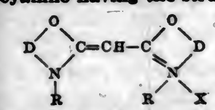
OXACYANINES AND PROCESS OF PREPARING THEM

Frances M. Hamer, London, England, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey

No Drawing. Application April 25, 1934, Serial No. 722,255. In Great Britain May 2, 1933

15 Claims. (Cl. 260—44)

4. An oxacyanine having the structure



in which D is a nucleus selected from the group consisting of benzene and naphthalene nuclei, R equals alkyl and X equals halogen.

2,108,486

ENDLESS CONVEYING STRIP FOR HARVESTERS

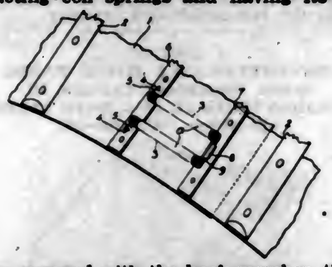
Sigfrid Valentin Hansson, Langshyttan, Sweden

Application March 9, 1937, Serial No. 129,780

In Sweden March 9, 1936

1 Claim. (Cl. 24—32)

Means for fastening the overlapping ends of endless conveyor strips for harvesters, said means comprising a hook member secured to one of the overlapping ends, two apertured ears secured to the other overlapping end and a U-shaped connecting member having its legs in the form of contracting coil springs and having its bridge



portion engaged with the hook member, the end of each leg being bent outwardly and extending through the aperture of one of the ears.

2,108,487

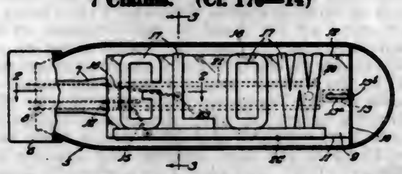
NEGATIVE GLOW DISPLAY

Andrew F. Henninger, Jr., Chicago, Ill.

Application March 26, 1937, Serial No. 133,198

In Canada April 11, 1936

7 Claims. (Cl. 176—14)



1. In a negative glow device, an envelope, a plurality of electrodes in said envelope, a dielectric sheet of substantial area within said envelope, said sheet having the electrodes mounted thereon whereby the sheet provides the principal support for said electrodes, a press within said envelope, terminals extending from said press, means for electrically joining the electrodes and the terminals, a supporting member of insulating material within said envelope and engaging the inner wall thereof, said supporting member being arranged transversely of the dielectric sheet, the dielectric sheet being supported by said member.

2,108,488

TUBULAR BELT CONVEYER

Henry Stinson Johns, North Grimsby Township, Lincoln County, Ontario, Canada, assignor to Bancroft Holdings Limited, Hamilton, Wentworth, Ontario, Canada, a corporation of Ontario, Canada

Application November 24, 1936, Serial No. 112,514

5 Claims. (Cl. 198—165)



1. In a conveying mechanism, a pliable moving material carrying tube having a longitudinally extending slit-like opening through the wall thereof, a plurality of pulleys upon which the tube is suspended and between which it extends, and adjustable means moveable towards the side of the tube opposite said slit to exert a pressure against the tube between pulleys to open it along its slitted side opposite the adjustable means for the reception or discharge of material.

2,108,489

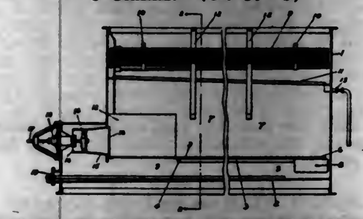
APPARATUS FOR CLEANING METAL PIPES

Ernest Wood Johnson, Frodsham, and Robert Anderson Eastwood, Runcorn, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain

Application October 25, 1934, Serial No. 749,996

In Great Britain October 30, 1933

3 Claims. (Cl. 87—5)



1. An apparatus for cleaning metal pipes, both internally and externally, comprising a relatively elongated tank adapted to contain a body of liquid solvent, means for heating said body of liquid solvent, cooling means for preventing the escape of vapor from the top of said tank, a partition extending longitudinally of said tank to provide on one side thereof a pipe cleaning chamber and to provide on the other side thereof a solvent return conduit, a solvent impeller positioned adjacent one end of said tank adapted to draw solvent from said solvent return conduit and to propel solvent in a longitudinally directed stream through said pipe cleaning chamber, and a passageway adjacent to the opposite end of said tank affording passage of solvent from said pipe cleaning chamber to said solvent return conduit.

2,108,490

PRINTING PRESS CLAMP

Seth Q. Kline, Washington, D. C., assignor to General Show Card Machine Company, Inc., Washington, D. C., a corporation of Delaware

Application September 17, 1936, Serial No. 101,323

5 Claims. (Cl. 101—394)



1. In a hand printing press of the character described, a base, a type plate supported on said base adapted for the reception of a plurality of type and provided with a rear abutment, and a clamping means embodying a bar secured to said type plate by springs in a position to press the type together against said rear abutment.

2,108,491

PARACHUTE SUPPORTING DEVICE

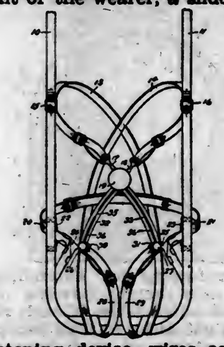
Stig Ove Christian Kuhlemann and Carl Herman Lundholm, Stockholm, Sweden, assignors to Carl H. Lundholm, Aktiebolag, Stockholm, Sweden, a joint-stock company of Sweden

Application September 8, 1936, Serial No. 99,802

In Sweden September 20, 1935

7 Claims. (Cl. 244—151)

1. In a parachute supporting device, the combination of a body attaching strap having its ends for placement at the front of the wearer, a pair of leg straps, a separate device for each of said leg straps each comprising a locking member adapted releasably to connect the leg strap to part of the supporting device, a quick release fastening device releasably connecting together the ends of the body attaching strap which are placed at the front of the wearer, a slide in said quick



release fastening device, wires connecting said slide with the locking members of the leg strap holding devices, and means in said quick release fastening device, whereby upon release of said device first the locking members of the leg straps holding devices are released and then the ends of the body attaching strap are disconnected so as to permit the wearer to free himself from the supporting device.

2,108,492

POCKET MEDICAL OR FIRST AID KIT

Frederick P. Lagier, Ripon, Calif.

Application September 17, 1936, Serial No. 101,191

1 Claim. (Cl. 206—12)



In combination, a flat pocket case arcuate in cross-section for conforming to the body, the case including a bottom portion and a hinged cover, the bottom portion of the case having an upstanding and transversely extended partition located relatively closer to one end than the other end, and a pair of flat vials fitted freely within the partitioned ends of the bottom portion and dimensioned to permit the cover to close thereover, the vials having depressed portions with circular openings therethrough reinforced by raised marginal rings around the openings, and caps adapted to seat upon the rings for closing the said openings.

2,108,493

DRY SHAVING DEVICE

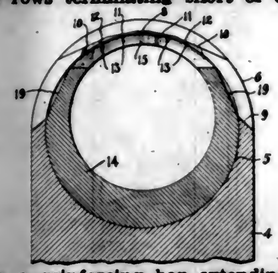
Harry Landsiedel, Wilton, Conn., assignor, by mesne assignments, to General Shaver Corporation, Bridgeport, Conn., a corporation of Delaware

Application March 4, 1937, Serial No. 128,936

4 Claims. (Cl. 30—43)

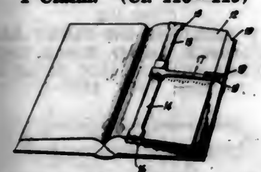
4. A shaver head of the type described comprising an outer member having a passage therethrough forming a wall, the rear surface of which is a portion of a cylinder, the smallest dimension transversely of the axis of said passage being at least twice as great as the radius of said cylindrical portion, an inner reciprocable member mounted in said passage having a por-

tion of its outer surface cylindrical and engaging the cylindrical portion of the outer member, said inner member having a passage therethrough and being transversely slotted to form cutter bars, the outer member being provided with slots which intersect its cylindrical portion and arranged in two rows, the slots of the respective rows terminating short of each other



to form a reinforcing bar extending at right angles to the slots thereby forming two rows of cutter bars, the outer faces of each row of cutter bars being cut away on two flat planes, the corresponding planes of each pair converging and forming acute angles with planes at right angles to the radial plane which includes their lines of convergence respectively.

2,106,494
BOOKMARK
Mortimer Nathaniel Lansing, New York, N. Y.
Application June 8, 1935, Serial No. 25,597
1 Claim. (Cl. 116—119)

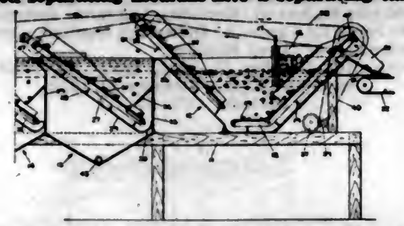


A flat bookmark comprising a body portion having a plurality of telescoping members each of sufficient flatness to lie between the pages of a book when the latter is closed, without materiallyincreasing its thickness or harming itsbinding, said members being frictionally held in any adjusted position relative to each other, the end portions of said body having projections extending at right angles to the body portion lightly to engage the leaves of a book to hold the marker in place, and a flat marker embracing said body portion and movable thereon from substantially one end to the other and frictionally held in any adjusted position, said marker having an extended portion adapted to extend beyond the edges of the leaves of a book and carrying a pocket to receive a card.

2,106,495
METHOD OF AND APPARATUS FOR CLEANING COAL
Nils D. Levin, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company, a corporation of Ohio
Application October 11, 1934, Serial No. 747,907
Renewed July 31, 1937
12 Claims. (Cl. 209—173)

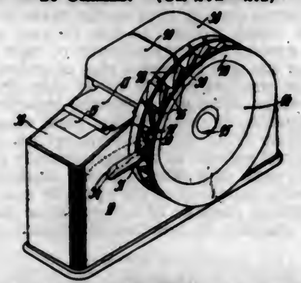
7. The method of cleaning coal which comprises mixing a separating medium comprising sand and a relatively small amount of a defloccu-

lating or dispersion agent, storing and aging said medium in a quiescent state, introducing said aged separating medium into a separating tank,



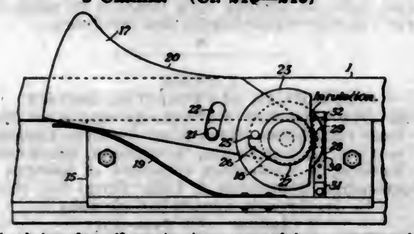
introducing raw coal into said tank, and separately removing the materials which float and those which sink.

2,106,496
GUMMED TAPE DISPENSING MACHINE
Louis Link, New York, N. Y.
Application April 16, 1936, Serial No. 74,628
10 Claims. (Cl. 271—2.4)



1. In a device of the character described, the combination comprising feeding means, operative mechanism for said feeding means comprising a rotatable means, a plurality of manually-engageable, spaced members thereon and substantially fixed means in the path of that part of a hand which is in engagement with one of said members, and in motion with said rotatable means, each of said members in part surrounding said fixed means as said each member passes said fixed means.

2,106,497
TRACK RAIL CONTACTOR
John W. Livingston, Forest Hills, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a corporation of Pennsylvania
Original application October 14, 1933, Serial No. 693,615, now Patent No. 2,077,339, dated April 13, 1937. Divided and this application October 21, 1936, Serial No. 106,842
3 Claims. (Cl. 246—246)



1. A track rail contactor comprising a supporting member attached to the rail, an arm mounted

on said supporting member in such manner that each time a car wheel passes said contactor said arm will be rotated through a limited angle by engagement of the wheel with the arm, the surface of the arm which is engaged by the wheels being so designed that each time the arm is rotated it will be uniformly accelerated at a speed which depends upon the speed of the car, an inertia member operatively connected with said arm in such manner that when said arm is accelerated said inertia member will become accelerated with said arm if and only if the rate of acceleration of said arm is below a predetermined rate, a contact, and means controlled by said inertia member for operating said contact when said inertia member is accelerated at a slower rate than said arm.

2,106,498
MARINE STEERING GEAR MOTOR
Thomas McLeod, Elizabeth, N. J.
Application April 10, 1936, Serial No. 73,638
2 Claims. (Cl. 60—53)



1. In a marine steering apparatus of the hydraulic type, a stationary piston, a movable cylinder slidable over said piston, a pump, means for conveying oil from said pump to said cylinder on both sides of the piston, said piston having heads closing each end thereof, one of said heads having a chamber, means for conveying oil from said cylinder to said chamber, valves mounted in said head controlling the flow of oil into the chamber, means tending constantly to close said valves, means communicating with the chamber for conveying oil back to the pump, a stub shaft mounted in the chamber, an arm on said shaft adapted to engage and increase the opening of one of the valves and to allow the other valve to close, a lever fixed to said shaft, a bar fixed to one end of the lever, a pair of pulleys mounted on said bar, cables passing over the pulleys, each of said cables having one end thereof fixed to a part movable with the cylinder so that a pull upon one of the cables and a slackening upon the other will effect a movement of the lever to rotate the stub shaft to cause the arm to further open one of the valves and to allow the other valve to close, and arms mounted on the other head of the cylinder and pivotally connected to a rudder arm.

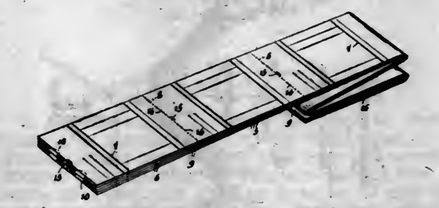
2,106,499
FISHING TOOL
Charles F. Moseley, Bartlesville, Okla.
Original application June 26, 1936, Serial No. 87,579. Divided and this application August 25, 1937, Serial No. 160,923
12 Claims. (Cl. 294—86)

1. In a device of the character described, a well string, a collapsible cone comprising segmental members suspended on said string, slips slidably engaging said cone, means secured to the lower end of the well string for holding said cone in expanded condition, said means being movable downwardly away from the cone to allow the latter to collapse toward the well string, the last-mentioned means including a substantially disc-shaped mandrel engageable with the lower



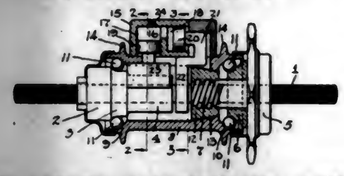
end portions of the segmental members, and a spear head depending from the mandrel.

2,106,500
CONTINUOUS INTERLEAVED RECORD
John B. Motsinger, Lakewood, Ohio, assignor to American Sales Book Company Inc., Niagara Falls, N. Y., a corporation of Delaware
Application February 4, 1936, Serial No. 62,312
9 Claims. (Cl. 282—12)



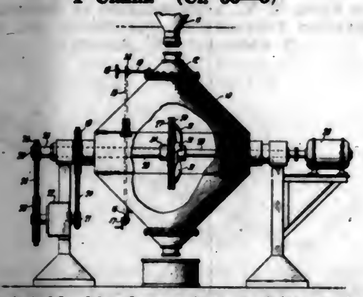
1. In a record assembly, in combination, a plurality of relatively superposed continuous strips including a plurality of continuous record strips and one or more continuous transfer strips interleaved in transfer relation with the record strips, each of said record and transfer strips having a series of weakened transverse division lines arranged in groups depthwise of the assembly and dividing the respective strips into a series of leaves so as to form a series of sets of relatively superposed record leaves with interleaved transfer leaves, at least a part of each of said transfer strip division lines being offset longitudinally of the assembly from the corresponding portions of the record strip division lines so as to form a selective grip extension upon severance along said lines, said transfer strip or strips each having a longitudinal series of apertures positioned respectively adjacent to the groups of division lines and respectively merging with or cutting the said transfer strip division lines, a longitudinal series of strip fastening devices engaging the record strips at points thereof spaced from their respective division lines and respectively passing freely through said transfer strip apertures and offset from said transfer strip division lines, and a longitudinal series of fastening devices securing the strips together at a series of points and positioned directly on the record strip division lines.

2,106,501
COASTER BRAKE
Homer L. Mueller, Cleveland, Ohio, assignor to The Cleveland Welding Company, Cleveland, Ohio, a corporation of Ohio
Application October 23, 1936, Serial No. 107,224
6 Claims. (Cl. 192—6)



1. In a bicycle coaster brake, the combination of relatively rotatable hub and axle members, a fluid-filled chamber fixed with respect to one of said members, pistons extending into said chamber, a brake shoe on one of said pistons and arranged to engage one of said relatively rotatable members, a driving sprocket, and means actuated by said sprocket for actuating the other of said pistons.

2,106,502
BLENDING MACHINE
Frank J. Muench, Newark, N. J.
Application July 17, 1936, Serial No. 91,040
1 Claim. (Cl. 83—8)

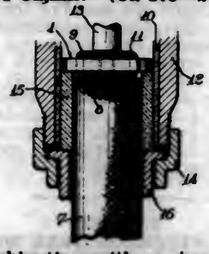


A rotatable blender casing, a drive motor, a grinding disk within the casing and connected to the motor to be driven at motor speed, connections between the motor and the casing to drive the casing at reduced speed, a second grinding disk within the casing adjacent the first disk and connected to and moving at the same speed as the casing, one of said disks having flared buckets thereon to catch material and throw it between the disks to be ground.

2,106,503
COLORING MATERIALS
Alexander Murray, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
No Drawing. Application June 19, 1935, Serial No. 27,418
4 Claims. (Cl. 134—47)

1. A palette for preparing camera copy in a photo-mechanical process comprising a series of coloring materials differing in reflecting power, certain of the materials having incorporated therein a quantity of fluorescent material, the material possessing the lowest reflecting power containing the largest quantity of fluorescent material.

2,106,504
ELECTRICAL CABLE CONNECTER
Edward B. Nowosielski, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application April 11, 1935, Serial No. 15,835
4 Claims. (Cl. 173—269)



3. In combination with a stranded electrical conductor, an anchoring terminal member therefor in the form of a centrally apertured disc, said conductor being threaded through said aperture, said disc having notches in the periphery thereof so tapered as to be smaller at their inner ends than at their mouths, the strands of said conductor being bent back and into said notches, said notches being closed on said strands to clamp them tightly therein.

2,106,505
METHOD OF PREPARING BITUMINOUS EMULSIONS
John Ogden, Indianapolis, Ind.
No Drawing. Application March 5, 1934, Serial No. 714,094
1 Claim. (Cl. 134—1)

A method of preparing a bituminous emulsion which consists in adding to material of the group consisting of asphalt and petroleum oils substantially one half (½%) percent to substantially two (2%) percent by volume anhydrous acetic acid, adding thereto an aqueous alkaline solution free from alkaline earth compounds, then thoroughly agitating the same to produce an emulsion.

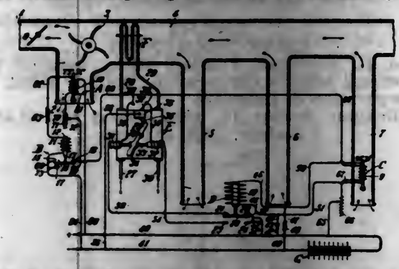
2,106,506
CARPET STRETCHER
Jesse C. Owens, Los Angeles, Calif.
Application June 15, 1936, Serial No. 85,222
8 Claims. (Cl. 254—62)



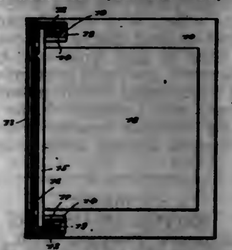
4. In a carpet stretcher, a pair of telescopically connected tubes, a head carried by one of said tubes, carpet engaging prongs projecting from the underface of said head, means including a sleeve, mounted on the larger one of said tubes and connected to the smaller tube for imparting longitudinal movement thereto and a detent carried by said sleeve for engaging and holding the smaller tube against rearward movement.

2,106,507
CORRELATIVE TEMPERATURE CONTROL SYSTEM
Paul B. Parks, Oak Park, and William M. Smith, Chicago, Ill., assignors to Vapor Car Heating Company, Inc., Chicago, Ill., a corporation of New York
Application September 18, 1936, Serial No. 101,462
6 Claims. (Cl. 236—68)

1. In a temperature controlling system, a master thermostat positioned so as to respond to temperature changes at a selected location, an actuating circuit closed by said thermostat at a predetermined temperature, an electric heater positioned to apply additional heat to the thermostat so as to lower the temperature at which the thermostat will close the actuating circuit, an energizing circuit for the heater, a relay in the actuating circuit adapted to make and break the heater energizing circuit as the actuating circuit is opened and closed respectively, means for maintaining a selected temperature in a space, a thermostat responsive to temperature changes in this space for controlling the last-mentioned means, an electric heater for the control thermostat, and an energizing circuit for the last-mentioned electric heater, this energizing circuit being intermittently made and broken by the relay so as to determine the temperature at which the control thermostat will function.



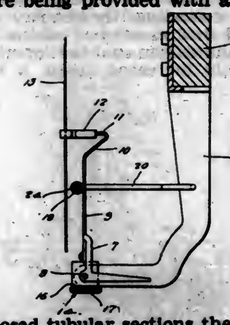
2,106,508
TEMPORARY BINDER
Leo Picard, San Antonio, Tex.
Application August 7, 1936, Serial No. 94,848
6 Claims. (Cl. 129—33)



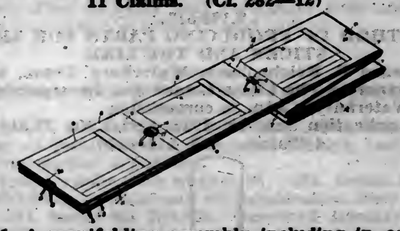
1. In a binder, a cover having spaced posts rigidly connected thereto, said posts having bores therein and slots in the adjacent sides communicating with the bores thereof, a completely removable retaining bar between the posts disposed in said slots and extending into the bores of the posts, and removable plugs received in the bores of the posts for engaging the portions of the retaining bar extending into the bores and adapted to urge the retaining bar uniformly throughout its length to adjustable clamping engagement with said cover.

2,106,509
TEXTILE MACHINE ATTACHMENT
Jacob V. Polcha, Scranton, Pa.
Application November 30, 1935, Serial No. 52,411
Renewed July 14, 1936
4 Claims. (Cl. 28—50)

1. In a textile mechanism, a drop wire assembly including a plurality of drop wires each including a thread engaging hook and a stop mechanism rocker, a backing wire for the drop wire, said backing wire being provided with a plurality of loosely disposed tubular sections thereon against which the drop wires engage.



2,106,510
RECORD ASSEMBLY
William A. Pringle, Niagara Falls, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc., a corporation of Delaware
Application April 15, 1931, Serial No. 530,199
11 Claims. (Cl. 282—12)

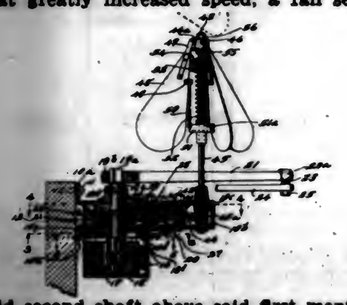


1. A manifolding assembly including in combination, a plurality of relatively superposed continuous strips, each having a series of transverse division lines dividing the respective strips into a series of leaves and forming a series of sets of relatively superposed leaves, respective corresponding division lines of the several strips being arranged in groups in the assembly, said strips having longitudinally spaced selective grip-forming apertures positioned only in the vicinity of alternate division lines in the respective strips, and selective securing means selectively attached directly to and securing together a part only of said securing means attached directly to a part only of said strips and securing them together at each said leaf set and being free of direct attachment to the remainder of the leaves of the said sets, said securing means for the two adjacent ends of adjacent leaf sets including two separate and independent securing devices each of which is adjacent to but spaced a short distance from the respective group of division lines, said independent securing devices being positioned at opposite sides of said division lines.

2,106,511
DOOR CHECK
William H. Pugsley, Minneapolis, Minn.
Application January 4, 1936, Serial No. 57,538
6 Claims. (Cl. 16—49)

1. A door check and closer structure having in combination, a casing adapted to be secured to a door, a shaft journaled in said casing, a second casing below said first mentioned casing into which said shaft extends, a spring in said second

casing and secured thereto and to said shaft, a second shaft journaled in said first mentioned casing and extending thereabove, a train of gears in said first mentioned casing for driving said second shaft from said first mentioned shaft and at greatly increased speed, a fan secured



to said second shaft above said first mentioned casing and affording resistance against the air when said door is swung and said first mentioned shaft rotated, the air resistance to said fan acting as a brake on said spring in the closing movement of said door.

2,108,512

METHOD OF PRODUCING PARTS FOR LIPSTICKS AND THE LIKE

Howard F. Reichenbach, Waterbury, Conn., assignor to The Chase Companies, Incorporated, Waterbury, Conn., a corporation

Application July 19, 1935, Serial No. 32,215
4 Claims. (Cl. 113—116)



1. A process for producing a cup-shaped carrier member of the class described having an integral hollow boss laterally offsetting from its side wall at a point intermediate its outer and inner ends comprising: shaping a blank to a form which includes a cup-like portion, a flange laterally-offsetting from the outer end of the said cup-like portion and a laterally offsetting hollow boss adjoining both the said flange and the said cup-like portion; and subsequently deflecting the said laterally-extending flange into subsequent parallelism with the axis of the member and beyond the outer edge of the said boss to form a continuation of the said cup-like portion.

2,108,513

CERAMIC INSULATOR AND METHOD OF MAKING THE SAME

Lawrence R. Shardlow, Kearny, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y., a corporation of Delaware

No Drawing. Application June 10, 1936, Serial No. 84,476
7 Claims. (Cl. 25—156)

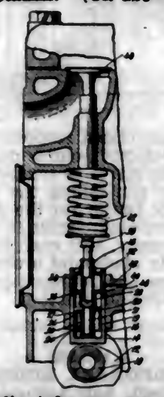
6. The method of making a porous ceramic insulator with a modulus of rupture of about 13,000 pounds per square inch for use at high voltages and high radio frequencies which comprises mixing substantially pure alumina particles measuring about 2 microns in diameter, with 4 to 8% powdered silica, and 2 to 6% powdered acid magnesium meta-silicate, pressing the particles under high pressure into intimate contact, and firing in a hydrogen atmosphere at about 1600° C. for a period of about 140 seconds.

2,108,514

VALVE MECHANISM

Caleb E. Summers, Pontiac, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application August 16, 1935, Serial No. 36,465
9 Claims. (Cl. 123—90)



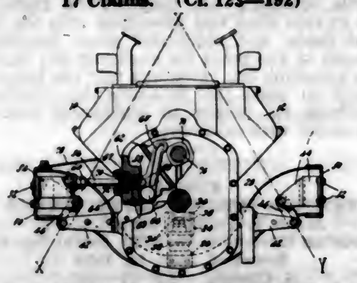
1. In hydraulic take-up means the combination of telescoping thrust devices, one of said devices being adapted to rest on a body of fluid contained in the other, and valve means associated with said last-named device for controlling the passage of fluid to and from said body and including a member having a portion exposed outside of said telescoping thrust members so as to receive thrust and transmit it to one of said members and yielding means normally urging said valve means toward open position.

2,108,515

MOTOR MOUNTING

Caleb E. Summers, Pontiac, Mich., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application October 22, 1928, Serial No. 314,203
17 Claims. (Cl. 123—192)



1. An engine or the like of the type that is subject to oscillation about a longitudinal axis under the action of forces inherent in its operation,

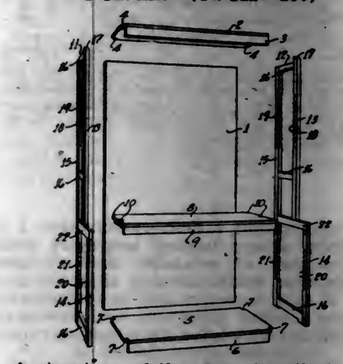
a support, means for mounting the engine on the support so as to permit it to have substantially free oscillatory movement about said axis in response to said forces, bracing means for the engine to resist chance vibration, and means operated by the engine for adjusting said bracing means.

2,108,516

MERCHANDISE DISPLAY UNIT

Thomas C. Thompson, University City, Mo., assignor to Simmons Hardware Company, St. Louis, Mo., a corporation of Missouri

Application December 5, 1936, Serial No. 114,301
4 Claims. (Cl. 312—107)



1. A structure of the class described comprising opposed skeleton side members of unitary form which extend from the bottom to the top of the structure in rigid connected-together arrangement and which are provided with lower portions of greater width than the upper portions thereof, said opposed side members including vertically extended, spaced apart elements, a solid bottom member supported by and extended from one to the other of said opposed side members at the bottoms thereof, a solid top member supported by and extended from one to the other of said opposed side members at the tops thereof, a solid intermediate shelf member supported by and extended from one to the other of said opposed side members at the points where the wider lower portions of said opposed side members meet the narrower upper portions of said opposed side members, said bottom member, top member, and intermediate shelf member being provided with notches at the opposite ends of each thereof which receive said vertically extended spaced apart elements of said opposed side members to produce the assembled structure, portions of said opposed side members being provided with notches adapted for the support of shelves other than the aforesaid intermediate shelf, other shelves supported by said notches of said opposed side members, and vertically extended means forming parts of the assembled structure for supporting said other shelves intermediate of their opposite ends.

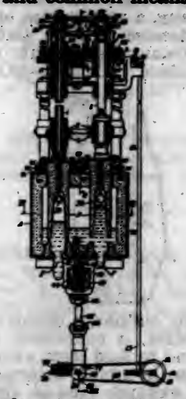
2,108,517

DUAL ORIFICE FEEDER

Frank L. O. Wadsworth, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana

Original application October 24, 1934, Serial No. 749,731. Divided and this application June 24, 1935, Serial No. 28,006
26 Claims. (Cl. 49—55)

1. An apparatus for delivering individual mold charges of molten glass comprising a forehearth having twin orifices in the bottom thereof, means for periodically segregating a quantity of material over each of said orifices, means for periodically expelling the segregated masses through said orifices, and common means for alternately



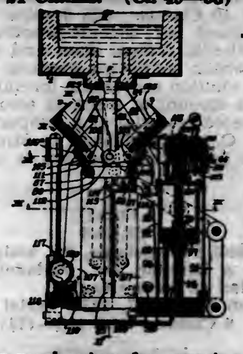
severing the glass issuing through said orifices into individual mold charges, including a pair of oppositely rotating shear blades adapted to cross each other at every half revolution first under one and then the other of said orifices.

2,108,518

METHOD AND APPARATUS FOR SEVERING MOLTEN GLASS

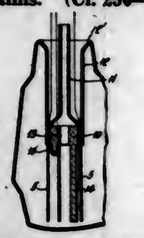
Frank L. O. Wadsworth, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind., a corporation of Indiana

Original application August 28, 1933, Serial No. 687,043. Divided and this application June 16, 1934, Serial No. 730,935. Renewed January 7, 1937
21 Claims. (Cl. 49—55)



1. A shear mechanism for severing individual mold charges from a stream of molten glass comprising, a pair of vertically reciprocable shear blades, means for reciprocating said blades, means projecting into the path of travel of said blades for engaging and moving said blades to a closed position at the beginning of movement thereof in one direction, latch means for locking said blades in closed position during the remainder of the movement thereof in such direction, means adapted to engage and release said latch means at the end of such movement, and means for moving said blade closing means to an inoperative position on movement of said blades in the opposite direction.

2,108,519
STEM ASSEMBLY FOR ELECTRON DISCHARGE DEVICES
Paul Weigt, Berlin-Reinickendorf, Germany, assignor to Allgemeine Elektricitats Gesellschaft, Berlin, Germany, a corporation of Germany
Application September 30, 1936, Serial No. 103,226
In Germany October 10, 1935
3 Claims. (Cl. 250—27.5)



1. An electron discharge device comprising a tubular glass stem, a concentric exhaust tube joined at one end to said stem along an annular sealing junction, a tubing inserted in and attached to said exhaust tube at the junction of the tube and the stem whose material has a coefficient of expansion similar to that of glass, and a melting point substantially higher than that of glass, the exhaust tube being fused to said tubing, and a circular series of spaced lead-in conductors sealed gas tight in said annular junction.

2,108,520
TEXTILE AND METHOD OF FINISHING
Bruno Wolf and Walter Kling, Chemnitz, and Martin Rau, Rabenstein n/Chemnitz, Germany, assignors to Bohme Fettchemie-Gesellschaft, Chemnitz, Germany, a corporation of Germany
No Drawing. Application October 16, 1935, Serial No. 45,270. In Germany October 16, 1934
19 Claims. (Cl. 91—70)

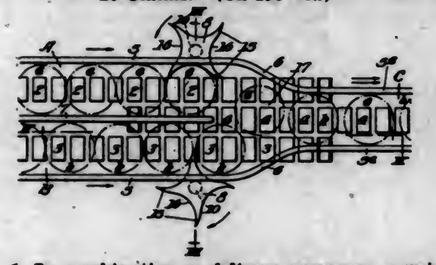
1. A method for wrinkle-proofing artificial and natural silk, cotton, linen and mixtures of the same which comprises treating such material with a solution containing formaldehyde and an effective amount of a strong acid, and heating the treated material at a temperature above about 130° C. but insufficient to injure the material until the desired reaction is complete.

2,108,521
TRUSS
Arthur R. Bell, Philadelphia, Pa., assignor to Wm. H. Horn & Brother, Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application March 27, 1935, Serial No. 13,208
8 Claims. (Cl. 128—124)



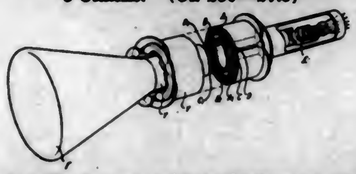
1. A surgical apparatus consisting of a truss frame adapted for encircling the body and pressing a pad firmly against the body, a pad having a rotatable plate, studs set in said plate and a hasp containing apertures for the passage of said studs, said hasp having a key for engaging an edge of said frame and preventing relative movement of said hasp and frame, said hasp engaging said stud and frame, and at least one of said apertures consisting of an open slot extending to the edge of the hasp and permitting movement of the hasp relative to one of the studs normal to the axis of said stud.

2,108,522
CONTAINER CONVEYER AND DISTRIBUTOR
Christian N. Berymann, Pittsburgh, Pa., assignor of two-sixths to Charles M. Clarke, Sewickley, Pa.
Application November 19, 1936, Serial No. 111,666
10 Claims. (Cl. 198—32)



1. In combination, a delivery conveyer, a pair of relatively slower feeding conveyers leading thereto, a pair of rotatable unit-movement-controlling star wheels located adjacent to the junction of said conveyers and in operative relation to the feeding conveyers, and means connecting the star wheels for simultaneous rotation.

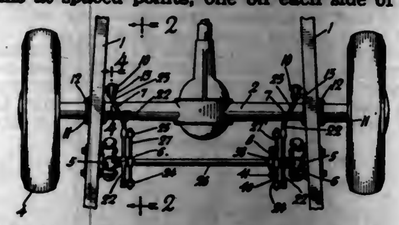
2,108,523
CATHODE RAY TUBE
Michael Bowman-Manifold, Werpleaden Station, England, assignor to Electric & Musical Industries Limited, Middlesex, England, a company of Great Britain
Application November 10, 1936, Serial No. 110,646
In Great Britain November 27, 1935
3 Claims. (Cl. 250—27.5)



1. A cathode ray tube including an electron source for generating a beam of electrons, magnetic deflecting means for deflecting said electron beam along parallel paths mutually displaced in a direction perpendicular to each other, and a surface to be scanned by said beam, said surface having a curvature less than that of a sphere having its center at the effective center of deflection of said magnetic means, said magnetic deflecting means consisting of coils arranged to set up oppositely disposed magnetic poles the center lines of which make an angle of substantially 45° to the direction of the scanning paths on the said surface to be scanned.

2,108,524
COMBINED SHOCK ABSORBER AND ANTI-ROLL DEVICE
Robert R. Burton, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware
Application September 26, 1934, Serial No. 745,505
2 Claims. (Cl. 267—11)

1. A stabilizer for use in a vehicle chassis having semi-elliptic spring suspension upon an axle, shock absorbers secured to the chassis on opposite sides, operating shafts projecting from the shock absorbers, actuating arms secured to the shafts intermediate their ends, means securing one end of the arms to the axle, pins projecting from the arms at spaced points, one on each side of the



shaft connection, parallel members spaced from the arms and connected thereto through resilient means which contact the pins, a second shorter member rigidly secured to the parallel member on one side only and a rod connecting the end of this last mentioned member to the parallel member on the opposite side.

2,108,525
SPARKING PLUG
Charles Molyneux Carington and Archibald Edward Postlethwaite, London, England, assignors to K. L. G. Sparking Plugs Limited, London, England, a British company
Application July 7, 1937, Serial No. 152,294
In Great Britain December 5, 1936
10 Claims. (Cl. 123—119)



1. A sparking-plug comprising a plug-body composed of two inter-engaging parts, one of which is grooved, and an electrode comprising at least one fine wire located in said groove.

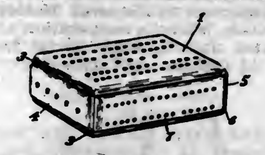
2,108,526
MEMORANDUM HOLDER
Charles C. Clifford, Maplewood, N. J.
Application March 30, 1937, Serial No. 133,791
3 Claims. (Cl. 281—44)



1. A memorandum holder comprising a platform adapted to support a stack of papers and having means for supporting it on a surface, a pair of clamping members provided at opposite ends of the platform and connected together by a cross bar passing under the platform, said clamping members provided with flanges extending in over the platform to secure the papers thereon, and spring means interposed between the bottom of the platform and the top of the cross bar for holding the flanges in yieldable contact with the papers on the platform.

2,108,527
FOLDING CRIBBAGE BOARD
Arthur H. Cudmore, Salem, Mass.
Application August 24, 1936, Serial No. 97,604
12 Claims. (Cl. 272—143)

12. A cribbage board including two scoring surfaces disposable at right angles to each other, each of said surfaces comprising a plurality of sections, means to hold said sections of each surface together, means to hold said surfaces to-



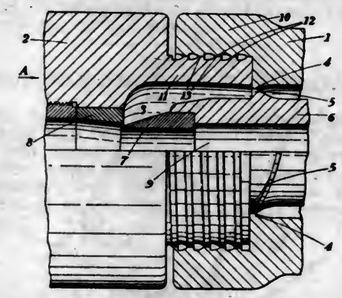
gether when disposed for scoring, said sections of said surfaces being disposable as a box, and means detachably holding said surfaces when so disposed.

2,108,528
PROCESS OF UNITING METALS
Peter Cykajlo, Mansfield, Ohio, assignor of one-half to Henry L. Goemann, Mansfield, Ohio
Application September 26, 1935, Serial No. 42,302
10 Claims. (Cl. 29—189)



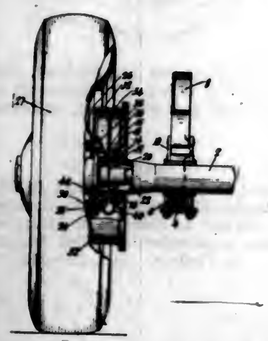
1. A process for uniting metals, comprising: heating a plurality of metals, while juxtaposed, to a temperature approaching the melting points thereof; exteriorly chilling said metals; and rolling said metals before the contacting surfaces thereof have cooled.

2,108,529
METAL EXTRUSION DEVICE
Percy Dunsheath, Kent, England, assignor to W. T. Henley's Telegraph Works Company Limited, London, England, a British company
Application September 10, 1935, Serial No. 39,952
In Great Britain September 29, 1934
10 Claims. (Cl. 207—2)



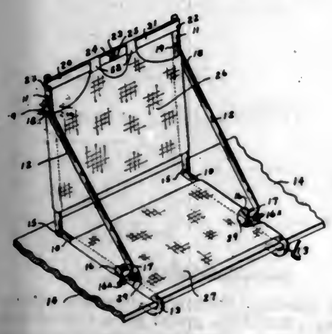
1. A tubular chamber through which under working conditions metal in a highly viscous or plastic state is impelled, comprising two relatively rotatable members together forming a part of the wall of the said chamber, rigid surfaces on the said members making joint with each other in a plane at right angles to the axis of rotation of one of said members, and a metal impelling device formed by providing each of said surfaces with a number of grooves tangential to circles having their centres on the said axis of rotation, the grooves in the one surface intersecting those in the other surface.

2,108,530
RADIO STATIC ELIMINATOR
Ray C. Ellis and Samuel W. Archer, Detroit, Mich., assignors to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application July 5, 1935, Serial No. 29,954
3 Claims. (Cl. 175—264)



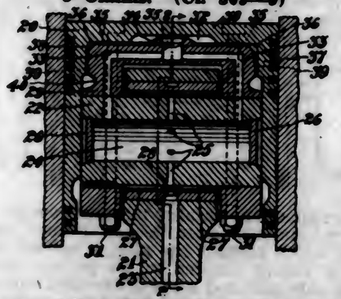
1. In a vehicle, a frame, an axle housing mounted on the frame, a wheel, an axle secured thereto, means for mounting the axle within the housing for rotation comprising lubricated bearings and means forming an electrical by-pass from the axle to the housing and frame around the bearing, said means comprising a flanged ring member and a cooperating spring member having a contact mounted thereon adapted to be maintained in contact with the ring surface, one of said members being secured to the housing and the other to the axle.

2,108,531
PORTABLE SEAT
William E. Flanders, Detroit, Mich.
Application December 23, 1935, Serial No. 55,692
1 Claim. (Cl. 155—133)



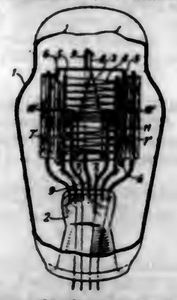
In a legless seat including a back rest and a seat portion pivoted to each other, the combination of side arms pivoted at one end to the side members of said back rest and provided at the other end with hooks adapted to engage means comprising bails pivoted to said seat portion, and a cross member of hinged sections pivoted at either end to said side members, said hinged sections having means to lock them in horizontal alignment.

2,108,532
COOLING DEVICE FOR PISTONS
Fritjof Frelin, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application March 5, 1937, Serial No. 129,143
5 Claims. (Cl. 309—9)



1. In a cooling device, the combination of a piston and a connecting rod, a wrist pin connecting the piston and connecting rod, a bearing member between the wrist pin and the connecting rod, a cooling and lubricating fluid chamber in the wrist pin, means defining passages for conveying fluid from the fluid chamber to the bearing member, a second fluid chamber adjacent the head of the piston in open communication with said fluid chamber, and means defining a plurality of passages for conveying fluid from said second chamber to the skirt of the piston.

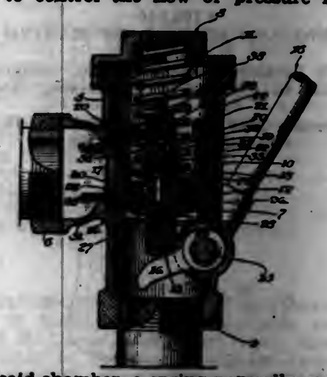
2,108,533
ELECTRODE ASSEMBLY
Thomas J. Henry, East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware
Application February 27, 1937, Serial No. 128,091
2 Claims. (Cl. 250—27.5)



1. An electron discharge device comprising a tubular anode surrounding a coaxial grid and filament, a hook for steadying said filament engaging the filament intermediate the ends of the anode, and an annular shield of a width less than the length of said grid surrounding the filament and hook and between the hook and anode.

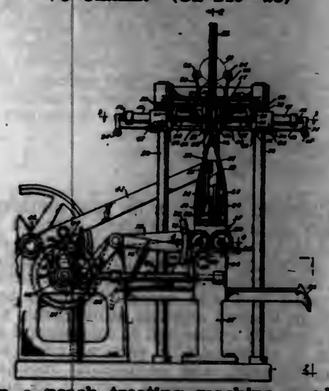
2,108,534
SELF-CLOSING VALVE
Peter Herrmann, East Orange, N. J.
Application March 26, 1937, Serial No. 133,103
7 Claims. (Cl. 251—138)

1. A self-closing valve comprising a casing closed at one end and having a lateral inlet for fluid under pressure and also having an annular valve seat spaced beyond said inlet, a piston valve slidably fitted within said casing to open or close the inlet and also to afford a pressure chamber in the closed end of the casing, said piston valve including a body having a peripheral surface which fully closes the inlet in opposition to the pressure and friction of the excluded fluid before the valve has been seated, and having also a passage extending longitudinally therethrough and non-communicating with the fluid inlet when such inlet is closed by the valve body, a regulating valve in unsealed relation to the said passage to control the flow of pressure into and



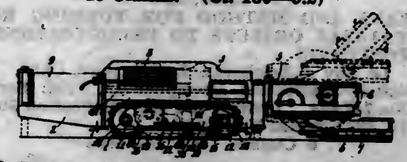
from said chamber, a spring normally urging the piston valve across the inlet and toward said valve seat, and actuating means for moving said piston valve to opening position against the action of the spring, the force of said spring being sufficient to move the piston valve to inlet closing position but not to seating position, and the added pressure against the end of the valve remote from the valve seat of the confined fluid within the pressure chamber thereupon overcoming the opposing pressure and friction of the excluded fluid on the surface of the valve, thus effecting the seating of the valve after the closing of the inlet.

2,108,535
PEACH TREATING MACHINE
Percy Jepsen, San Jose, Calif., assignor to Pacific Machinery Company, San Jose, Calif., a corporation of California
Application March 11, 1936, Serial No. 68,160
5 Claims. (Cl. 146—28)



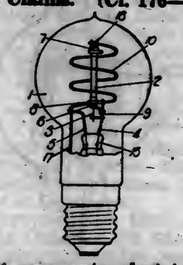
1. In a peach treating machine, a plate for supporting the cut surface of a peach-half, said plate having a pitting aperture, an ejector disc supported within said aperture and spaced therefrom to leave a relatively narrow slot, a pitting knife journaled upon said plate and arranged to operate through said slot for cutting the pit from the peach-half, and means for actuating the disc for ejecting the severed pit from the peach half.

2,108,536
TRACTOR TREAD MECHANISM
Joseph F. Joy, Claremont, N. H., assignor to Sullivan Machinery Company, a corporation of Massachusetts
Original application July 1, 1935, Serial No. 29,310. Divided and this application March 16, 1936, Serial No. 68,975
13 Claims. (Cl. 180—9.2)



2. In a machine of the class described, propelling means comprising endless traction treads and guiding means for said treads including upper and relatively movable lower guide frame parts providing upper and lower elongated guideways for the upper and lower runs of the treads and along which the treads are guided during their orbital movement, said bottom guide frame parts connected together and cooperating to provide said lower elongated guideways, means for individually or simultaneously driving said treads to propel and steer the machine, and means associated with each tread for moving the bottom guide frame parts with respect to the upper guide frame parts to change the shape of said bottom guideways thereby to vary the contact area of the ground engaging surfaces of said treads including fluid operated jacks one individual to each tread, and means for controlling the supply of fluid pressure to said jacks, said frame-parts-moving means being operable to effect a decrease in the ground engaging surface area of the ground engaging portions of the treads to facilitate steering of the machine.

2,108,537
DIRECT ELECTRIC CURRENT RARE GAS LAMP
Anton Lederer, Vienna, Austria; Catherine Danner and General Conrad Randa, executors of said Anton Lederer, deceased, assignors to Ernest Anton Lederer, Glen Ridge, N. J.
Application July 25, 1931, Serial No. 553,172. Renewed July 9, 1937. In Austria February 20, 1931
6 Claims. (Cl. 176—122)



1. A direct current electric cathode-glow lamp, comprising a translucid bulb, a filling in

said bulb consisting mainly of at least one rare gas, a metal cathode in said bulb having a coating of the alkaline earth type, a resistance type heater for said cathode, means for energizing said heater, a wire anode in said bulb consisting of an annulus symmetrically disposed with respect to the cathode and at a uniform distance from the latter, said bulb having a base, lead-in conductors connecting the same to the electrodes and to the heater, said anode having a small total surface area with respect to the cathode area, and being located in that portion of the said bulb near the lead-in conductors and beyond the end of the cathode and means for applying a potential difference between the two electrodes.

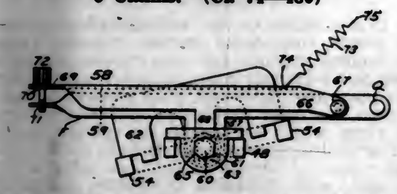
2,108,538

MEANS AND METHOD FOR TURNING ROTATABLE OBJECTS TO PREDETERMINED POSITIONS

Le Roy J. Leishman, Los Angeles, Calif.

Original application December 15, 1934, Serial No. 757,644. Divided and this application June 19, 1937, Serial No. 149,245

6 Claims. (Cl. 74—480)



1. A combination including a plurality of rotatable members having a common axis, a lever manually movable in a plane transverse to said axis, a plurality of adjustable members pivoted to said lever at a point substantially as far from the fulcrum of said lever as said axis is from said fulcrum, each of said adjustable members adapted to engage one of said rotatable members upon movement of said lever, and to move said rotatable member to a predetermined angular position, and means for fixing said adjustable members upon their pivots in predetermined angular positions at will.

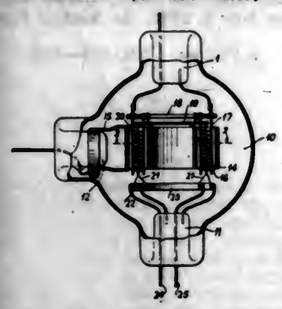
2,108,539

ELECTRON DISCHARGE DEVICE

Nils E. Lindenblad, Port Jefferson, N. Y., assignor, by mesne assignments, to Radio Corporation of America, a corporation of Delaware

Application December 2, 1936, Serial No. 113,751

2 Claims. (Cl. 250—27.5)



1. An electron discharge device having an envelope containing an annular conducting member having a comparatively thick wall and supported from one side of the envelope and having a plurality of longitudinally extending cylindrical chambers spaced around the wall of said annular conducting member, a grid positioned within each chamber and coaxially thereof, a conducting ring electrically connected to and supporting said grids, said ring being supported from another portion of the envelope wall, and a plurality of cathodes positioned and supported centrally of each chamber.

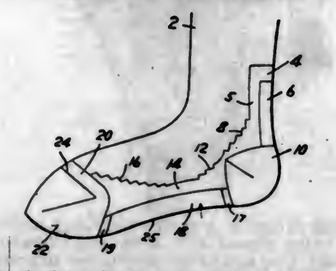
2,108,540

STOCKING AND METHOD OF MAKING THE SAME

Elmer C. Lochhead, Moberly, Mo., assignor of one-half to Charles E. Henderson, Moberly, Mo.

Application May 13, 1936, Serial No. 79,448

11 Claims. (Cl. 66—182)



8. A stocking having a reinforced sole portion and an additionally reinforced part of said reinforced sole portion formed at the bottom thereof by the inclusion of another yarn, said reinforced part being more elastic in the direction of the wales than the adjacent parts of the reinforced sole portion.

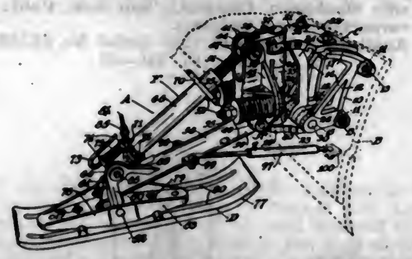
2,108,541

LEVELIZER FOR ROAD MAINTAINING APPARATUS

Le Grand H. Lull, Minneapolis, Minn.

Application February 13, 1937, Serial No. 125,570

9 Claims. (Cl. 37—143)



5. A vibration eliminator for road maintenance machinery including a bracket adapted to be attached to a scraper blade or the like, a second bracket pivotally connected to said first bracket along a substantially horizontal axis means connecting said first and second brackets to hold the same in desired angular adjustment, a third bracket pivotally connected to said second bracket along a substantially vertical axis, a road engaging element, and connecting means connecting said road engaging element in adjusted relation to said third bracket.

2,108,542

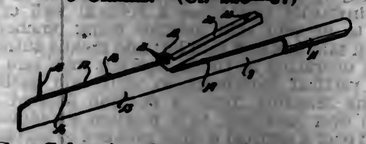
CUFF FOLDING DEVICE

Joseph Lyska, Detroit, Mich.

Application November 14, 1934, Serial No. 752,928

Renewed October 18, 1937

9 Claims. (Cl. 223—37)



1. A cuff forming device of the class described comprising an elongated flat body; a piercing prong projecting upwardly from one edge of said body adjacent one end; a fabric engaging member for slipping over the edge of a trouser leg; a swingable arm mounted on said body and adapted for lying in alignment therewith when swung to either side of its pivot; and a piercing prong on said arm adjacent one end thereof, said prong being spaced from the point of pivot of said arm a distance substantially equal to the width of the cuff to be formed.

2,108,543

FERRUGINOUS SILICEOUS REFRACTORIES

John M. McKinley, East Cleveland, and Willard K. Carter, Columbus, Ohio; said Carter assignor to National Aluminate Corporation, Chicago, Ill., a corporation of Delaware, and said McKinley assignor to North American Refractories Company, Cleveland, Ohio, a corporation of Delaware

No Drawing. Application July 3, 1935, Serial No. 29,646

10 Claims. (Cl. 106—9)

1. A fired ceramic product comprising siliceous particles and barium ferrite.

2,108,544

CATHODE HEATER FOR ELECTRON DISCHARGE DEVICES

Wilfred Meyer, Birkenwerder near Berlin, Germany, assignor to Allgemeine Elektricitats Gesellschaft, Berlin, Germany, a corporation of Germany

No Drawing. Application December 19, 1935, Serial No. 55,195. In Germany January 4, 1935

3 Claims. (Cl. 250—27.5)

1. An indirectly heated cathode for use with high heating voltages and having a heating resistor in the form of a ceramic body consisting of two components in equal proportions, one component selected from the group vanadium-oxide and niobium-oxide and the other component from the group aluminum-oxide and chromium-oxide.

2,108,545

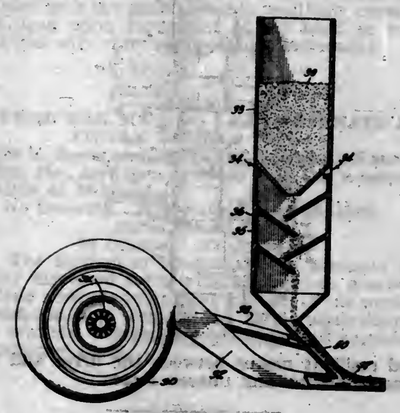
LOW PRESSURE ABRASIVE BLAST SYSTEM

Verne E. Minich, Mishawaka, Ind., assignor to The American Foundry Equipment Company, St. Joseph, Ind., a corporation of Delaware

Application October 20, 1934, Serial No. 749,261

3 Claims. (Cl. 51—8)

1. In an abrasive blast system, a centrifugal air blower having a discharge conduit, a hopper for holding abrasive, an auxiliary mixing chamber under said hopper having air inlets and a series of inclined perforated baffle plates, said auxiliary mixing chamber connecting with said discharge conduit at a point near the discharge end thereof and an auxiliary bypass connecting said pump to the outlet of said auxiliary mixing chamber,



whereby to give the abrasive an initial velocity before being mixed with the main air stream.

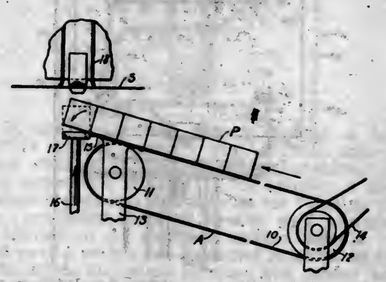
2,108,546

MACHINE FOR WRAPPING BARS OF BUTTER OR THE LIKE

Edward F. Ness, Toledo, Ohio, assignor to Morris Packaging Equipment Company, Toledo, Ohio, a corporation of Ohio

Application December 16, 1935, Serial No. 54,653

3 Claims. (Cl. 93—2)



1. In a butter bar wrapping machine having wrapper folding members, wherein the bars are substantially in contact with each other, means for feeding the bars to the folding members, means for supporting the bars after they leave the feeding means, and means timed to successively move the bars as their rear sides reach the front of the supporting means to the folding members.

2,108,547

GEAR LAPPING MACHINE

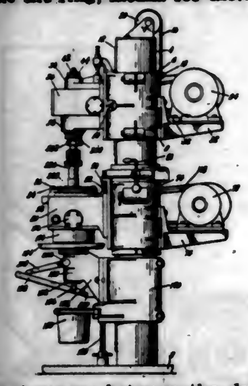
Edward R. Nyland, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware

Application February 13, 1935, Serial No. 6,288

19 Claims. (Cl. 51—26)

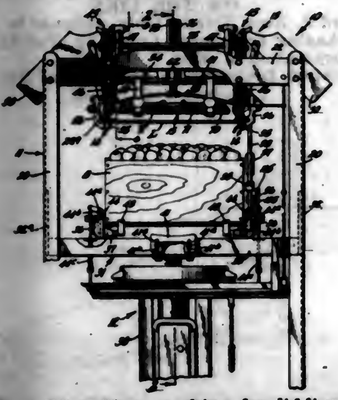
1. A gear lapping machine comprising, a base, a lapping ring supported on the base, means for reciprocating the ring vertically, means support-

ing a gear having a smaller number of teeth in mesh inside the ring, means for driving the gear



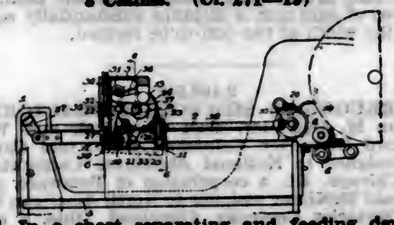
and resilient means between the drive and the gear to absorb any uneven forces.

2,108,548
LIDDING MACHINE
Halo Paxton, Santa Ana, Calif., assignor, by mesne assignments, to Feed Machinery Corporation, a corporation of Delaware
Application April 24, 1935, Serial No. 17,968
22 Claims. (Cl. 1—10)



1. In a lid nailing machine for lidding overfilled packed boxes the combination of: a frame; a nailing table supported on said frame for receiving an overfilled packed box; a pair of nailing units mounted on said frame in spaced relation with each other over said nailing table, each of said units including a cross bar, a plurality of drivers mounted on said cross bar and extending downwardly therefrom, a chuck beam disposed beneath said cross bar, a plurality of nail chucks provided on said chuck beam in alignment with said drivers, means for supporting said cross bar on said frame, and means for supporting said chuck beam so as to be spaced downwardly from said cross bar and so as to be vertically slidable; mechanism on said frame for causing relative vertical movement between said nailing units and said table to bring said chuck beams into contact with opposite ends of a lid placed over said box until the opposite ends of said lid have been pressed against the opposite ends of said box, thereby arching said lid over the contents of said overfilled box, said relative movement then continuing between said table and said cross bars to cause said nail drivers to extend into said chucks to drive nails therefrom through said lid ends and into said box ends; gathering means carried by said chuck beams for gathering produce inwardly from over a vertical wall of said box to prevent said produce being pinched between said box and said lid; and means automatically operating in timed relation with said relative vertical movement to shift said gathering means inwardly, from a position located away from over said box, to a position extending inward over a vertical wall of said box to accomplish the gathering function as aforesaid.

2,108,549
SEPARATING AND FEEDING SHEETS
Walter Pollard, Romford, England, assignor to A. B. Dick Company, Chicago, Ill., a corporation of Illinois
Application October 7, 1936, Serial No. 104,397
In Great Britain October 11, 1935
3 Claims. (Cl. 271—19)



1. In a sheet separating and feeding device for a machine having feed rollers and a rear stop for a pile of sheets, a separating member adjacent said stop, a feed member forward of the separating member, and actuating means for said members whereby the separating member buckles a sheet from the pile forwardly against the feeding member, and said feeding member thereafter feeds said sheet between the said rollers.

2,108,550
CIRCUIT INTERRUPTER
Herbert L. Rawlins, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application March 30, 1934, Serial No. 718,267
30 Claims. (Cl. 200—117)



28. In a circuit interrupter, means at least partially of insulating material for defining the walls of an arc passage, a plunger arranged for movement through said arc passage, said plunger having a conducting portion normally within said passage and an insulating portion normally without said passage when the plunger is in the closed circuit position, resilient means biasing said plunger to the open circuit position, a fusible element in circuit with said conducting portion for retaining said plunger in the closed circuit position against the bias of said resilient means, said resilient means being adapted to move said conducting portion through said passage in response to the release thereof by said fusible element to establish an arc within said passage and to move said insulating portion into said passage, said insulating portion having a cross sectional area substantially less than that of said passage.

2,108,551
POWDER BOX
Joseph N. Royal, Buffalo, N. Y., assignor, by mesne assignments, to F. N. Burt Company Inc., Buffalo, N. Y., a corporation of Delaware
Application December 4, 1935, Serial No. 52,858
10 Claims. (Cl. 132—82)



1. A powder box of the character described having, in combination, an upper retained powder receiving compartment and a lower loose powder receiving compartment, one compartment being removable from the other, said box having a passageway below said upper compartment through which powder passes from the upper compartment into the lower compartment, the side wall of the upper compartment being less in height than that of the lower compartment and the powder containing capacity of the upper compartment being less than that of the lower compartment, the upper compartment having a frangible and perforable bottom head secured in position over said passageway.

2,108,552
FOUNTAIN PEN
Arthur W. Schoenbergen, Cincinnati, Ohio
Application June 25, 1936, Serial No. 87,247
20 Claims. (Cl. 120—47)

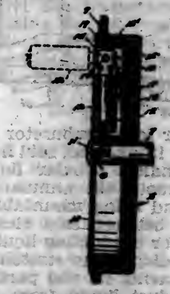


1. In a fountain pen employing a tubular barrel with a writing point and ink feed member disposed at one end of said barrel, and means for exhausting air and admitting and trapping a writing fluid in the interior of the barrel, said means including a piston head mounted for reciprocation relative to the barrel, and means associated with the piston head to positively expand said head upon movement of the head in one direction only of its reciprocatory movement.

2,108,553
METHOD FOR MAKING LEAD ARSENATE IN FINELY DIVIDED FORM
Victor E. Speas and Nathan M. Mesekin, Kansas City, Mo., assignors to Speas Mfg. Co., a corporation of Missouri
No Drawing. Application April 22, 1936, Serial No. 75,750
12 Claims. (Cl. 23—54)

1. The method of producing lead arsenate in highly dispersed form which comprises dissolving lead arsenate in an acid solution of the metaphosphoric acid compounds, and neutralizing said solution, thereby precipitating lead arsenate in dispersed form.

2,108,554
CONTROL HANDLE FOR CAR WINDOWS
William A. Berg, Yakima, Wash.
Application December 30, 1935, Serial No. 56,746
5 Claims. (Cl. 74—547)



1. In combination, a rotary spindle, a wall structure through which said spindle extends formed with an exposed cylindrical chamber lying in concentric relation to the spindle, a disk, operatively engaging the spindle for rotating the latter, revolubly received in the wall chamber and formed in its exposed surface with a recessed cavity which lies in radial relation to the disk to locate the same between the center and the perimeter of the disk, and a crank handle for operating the disk pivotally received in the disk recess with its pivotal axis outermost for movement from an inoperative position within the cavity to an exposed operating position approximately at right angles thereto.

2,108,555
TROUSER HANGER
Carl D. Forsberg, Winnetka, Ill.
Application October 26, 1936, Serial No. 107,634
3 Claims. (Cl. 223—95)

1. A trouser hanger comprising a pair of bows each comprising a pair of shanks integrally connected in upwardly diverging V-shaped formation, one of said shanks being bent upon itself to form a wing facing outward therefrom adjacent the apex of said V-shaped formation, and the other of said shanks being bent upon itself to form an outwardly facing wing adjacent its opposite end, said wings being adapted to extend along

and be seated within the respective creases of a trouser leg, and said bows being fixedly connected



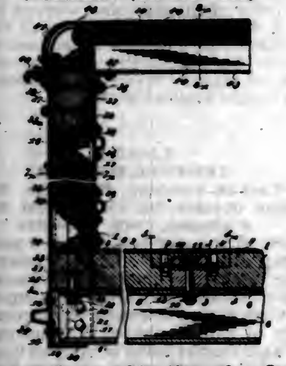
together to lie in registering positions in spaced parallel planes.

2,108,556
AIR HUMIDIFIER FOR A COMBUSTION ENGINE
William G. Hardt, Chicago, Ill.
Application August 31, 1937, Serial No. 161,818
2 Claims. (Cl. 261—100)



1. A humidifier for a carburetor having an air cleaner on its air intake end, said humidifier consisting of an endless tubular liquid container having a continuous slit annularly around its upper portion and being mountable in the connecting portion between said cleaner and carburetor, means for conducting liquid to said container, a fabric diaphragm stretched across said container and having its end part inserted thru said slit, to conduct liquid from the container, and band means wherewith said fabric is secured in the slit.

2,108,557
BODY FOR CARS
Raymond S. Humbarch, Rochester, N. Y.
Application October 5, 1932, Serial No. 636,346
7 Claims. (Cl. 105—404)



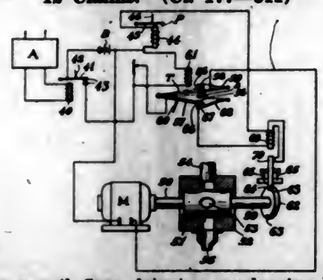
1. In a car the combination of a floor, cross channels under the floor, upright angles fastened to said cross channels, and inside and outside wall plates fastened to said upright angles, the odd numbered angles being fastened to the inside wall member and the even numbered angles being fastened to the outside wall member, each angle being separated from the opposite wall member by an air space means for supporting the inner and outer side wall plates against movement to and from one another the upright angles being longitudinally spaced by the channels, the odd numbered angles being staggered or offset relative to the even numbered angles.

2,108,558
DENTAL INSTRUMENT
William B. Jackman, Niagara Falls, N. Y.
Application May 6, 1936, Serial No. 78,215
Renewed October 12, 1937
2 Claims. (Cl. 128—277)



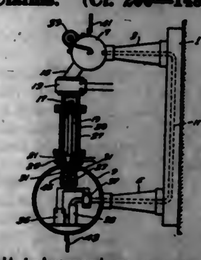
2. A dental tool of the character described, comprising a tubular body, a tubular element extending through said body and free to turn therein and constituting a drainage passage adapted for connection at one end to a source of suction, said body having a sight opening therein through which the fluid drained through the tubular element may be observed, and an applicator nozzle connected by a flexible coupling to the other end of said tubular element and having a shouldered attaching tip including a sealing washer for engagement with the tooth to be treated.

2,108,559
RAIL FLAW DETECTOR MECHANISM
George L. Jones, Garden City, Harcourt C. Drake, Hempstead, and Henry Schumacher, Brooklyn, N. Y., assignors to Sperry Products, Inc., Brooklyn, N. Y., a corporation of New York
Application February 5, 1935, Serial No. 5,046
12 Claims. (Cl. 177—311)



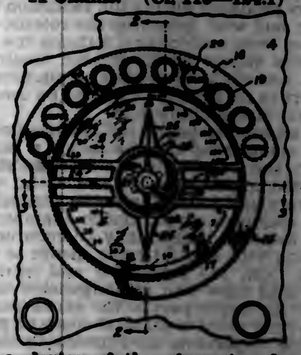
1. In a rail flaw detector mechanism, means responsive to flaw adapted to generate continuous impulses of varying duration depending upon the size and type of flaw, rail marking means, operating means for said marking means comprising a motor, means whereby said impulses set said motor in operation, means whereby continued operation of said motor is capable of actuating said marking means periodically, means for limiting the movement of said motor to a single actuation of said marking means in response to a flaw, and means whereby said marking means is actuated by said motor during a predetermined portion of the movement thereof for a predetermined period in excess of the longest impulse duration.

2,108,560
CIRCUIT BREAKER
Fritz Kesselring, Berlin-Hermsdorf, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 4, 1934, Serial No. 723,891
In Germany October 30, 1933
3 Claims. (Cl. 200—148)



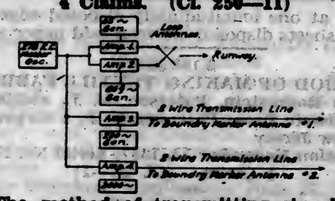
1. In a circuit interrupter; means for drawing an arc; a volume of arc extinguishing gas; means for causing a quantity of said gas to flow through said arc to effect its extinguishment; and means comprising a closed pressure system for permitting said quantity of gas to be used repeatedly without substantial loss; said closed pressure system including a high pressure tank wherein said gas is normally contained under considerable pressure, a low pressure tank into which said gas flows during each arc extinguishing operation, means for preventing said gas from flowing from said high pressure tank except during each opening operation of said interrupter, and a compressor for returning the gas which flows into the low pressure tank during the operation of the interrupter to the high pressure tank; said compressor being disposed entirely within one of said tanks.

2,108,561
RAPID SELECTOR MECHANISM
William E. Kleruff, Cincinnati, Ohio, assignor to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio
Application April 20, 1937, Serial No. 138,002
11 Claims. (Cl. 116—124.1)



1. In a device of the character described, a convex member, a shaft passing substantially centrally through said member, and a dialing mechanism mounted on said shaft and so shaped as to conform to the convex outer surface of said first mentioned member, whereby said first mentioned member forms a bearing for and gives support to said dialing member.

2,108,562
RADIO SYSTEM OF FOG LANDING FOR AIRPLANES
Forrest S. Mabry, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 24, 1935, Serial No. 55,995
4 Claims. (Cl. 250—11)



1. The method of transmitting signals to a common receiver from a plurality of locations utilizing a common source of carrier frequency without producing phase distortion, at any place within range of the transmission, which comprises transmitting energy from one of said locations as modulated carrier energy and the energy from others of said locations as modulated suppressed carrier energy.

2,108,563
METHOD OF EFFECTING SOLUTION OF LEAD ARSENATE
Nathan M. Mneokin and Victor E. Speas, Kansas City, Mo.
No Drawing. Application December 13, 1934, Serial No. 757,416
19 Claims. (Cl. 99—103)

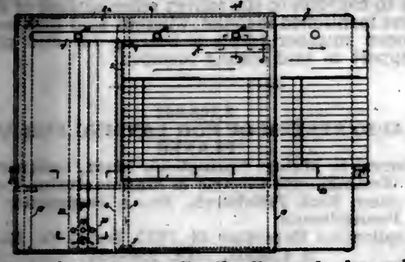
1. The method of effecting solution of lead arsenate and lead arsenate residues which comprises bringing into contact therewith an acid solution containing an anhydride phosphoric acid compound of the class consisting of metaphosphoric and pyrophosphoric acids and their salts.

14. An acid solution of an anhydride phosphoric acid compound of the class consisting of metaphosphoric and pyrophosphoric acids and their salts containing dissolved lead arsenate.

2,108,564
AUTOGRAPHIC REGISTER
William C. Pfeiffer and Frank E. Pfeiffer, Dayton, Ohio, assignors to The Egry Register Company, Dayton, Ohio, a corporation of Ohio
Application October 2, 1934, Serial No. 746,543
14 Claims. (Cl. 282—21)

2. In an autographic register, the combination with a general casing having a top plate with an opening elongated lengthwise of the machine and a slot elongated in the same direction, and having also a table beneath said elongated opening to support superposed paper strips while entering data thereon, of feeding means for the paper comprising a longitudinally disposed endless chain operable in the direction of the printed form on the paper, said chain carrying pins adapted to engage openings located at one side of the paper and to align the paper strips with

one another and means adjacent the side of said table opposite said chain for stationarily supporting at one longitudinally disposed edge only carbon sheets disposed between said paper strips.



2,108,565
METHOD OF MAKING TEXTILE FABRICS
Charles Rosenstein, Paterson, N. J., assignor to Rosenstein Bros., Paterson, N. J., a corporation of New Jersey
Application November 12, 1937, Serial No. 174,226
1 Claim. (Cl. 28—1)

The method of forming woven fabric having a fringe-like surface and a printed design applied to said surface, which comprises weaving warp and weft threads to form a body with a series of spaced parallel float threads on a surface of said body and interlocked with said body at intervals, applying a printed design to the fabric surface and the float threads and the portions of the fabric surface underlying said float threads, and cutting said float threads adjacent one end thereof to form fringe attached to the fabric and lying substantially against the fabric surface.

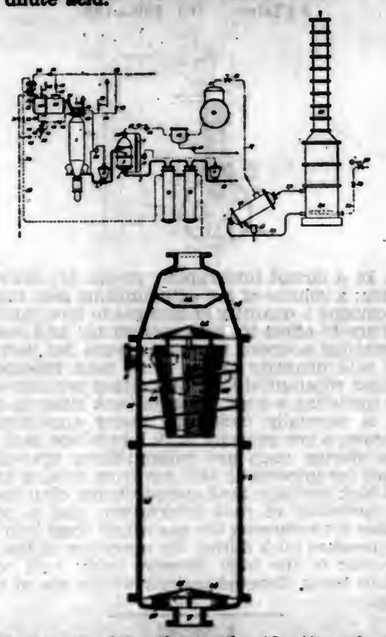
2,108,566
STAFF-CONTROLLED BABY WALKER
Cary Brooke Sanders, Washington, D. C.
Application April 13, 1937, Serial No. 136,645
9 Claims. (Cl. 227—49)



1. A baby walker comprising harness attachable to the body of the child, and a relatively rigid staff extending from said harness so as to be manually held and moved by an attendant to control the balance of the child.

2,108,567
METHOD OF AND APPARATUS FOR THE SACCHARIFICATION OF SUBSTANCES CONTAINING CELLULOSE
Heinrich Scholler, Munich-Solln, and Rudolf Eichmeyer, Munich, Germany
Application December 14, 1935, Serial No. 54,410
In Germany February 11, 1935
22 Claims. (Cl. 127—37)

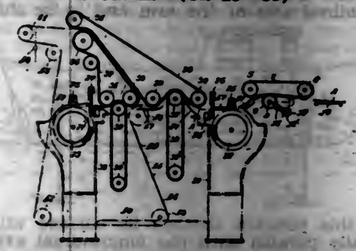
7. A method for the saccharification of cellulose which comprises saccharifying cellulose-containing substances under pressure and at an elevated temperature with dilute acid in a percolator, controlling the removal of the sugar wort produced in the reaction by the difference in pressure above and below the filling in the percolator, transferring the sugar wort to an expansion chamber where the pressure is reduced and whereby vapors are produced, separating the vapors from the wort, controlling the quantity of wort in the expansion chamber by regulating the amount of wort removed from said chamber, removing the wort from said chamber when the temperature thereof is not over 100° C., and utilizing the heat remaining in the wort to preheat the water to be used in the production of the dilute acid.



21. A method for the saccharification of cellulose which comprises saccharifying cellulose-containing substances under pressure and at an elevated temperature with dilute acid, withdrawing the sugar wort produced in the reaction, reducing the pressure on the sugar wort, separating the vapors produced during the reduction in pressure from said wort, removing the volatile organic substances from said vapors, utilizing the heat in the purified vapors in the further treatment of the wort, and utilizing the heat remaining in the sugar wort to preheat the water to be used in the production of the dilute acid.

22. In an apparatus for the saccharification of cellulose comprising in combination a percolator in which the cellulose-containing substance is saccharified under pressure and at an elevated temperature and having an outlet through which the wort may pass, an expansion chamber having an inlet disposed tangentially thereon and communicating with a spiral guide, means to conduct the wort from the percolator and introduce it through said inlet into the expansion chamber, means in the upper part of the expansion chamber to permit withdrawal of the vapors produced during the expansion, and means in the lower part of the expansion chamber to permit withdrawal of the expanded wort.

2,108,568
HEMP DRESSING MACHINE
Akira Takata, Toyoka-mura, Kyoto-gun, Fukuoka-ken, Japan
Application July 28, 1936, Serial No. 93,163
1 Claim. (Cl. 19—65)



A hemp dressing machine comprising a material support, an endless feed band mounted near said support, a guide roller mounted on an intermittently oscillatable arm for feeding said material and adapted to be moved into and out of engagement with said endless feed band, two spaced beaters, movable pressing members to co-operate with said beaters, cutting blades and movable dies co-operating therewith for scutching the material passing the beaters, endless intermediate conveying bands arranged one above the other in intermediate spaced relation between said two beaters, endless chains arranged to travel between said intermediary endless bands and in contact therewith and provided with a number of cross bars for carrying material from the machine, and co-operating endless bands arranged to contact said upper and lower intermediate endless bands respectively, one of said last named endless bands being movable in and out of contact with a corresponding intermediary endless band to intermittently feed the material to the chain conveyer.

2,108,569
ELECTRIC HAIR CLIPPER
Nobufumi Tegami, Saga-shi, Japan
Application October 26, 1936, Serial No. 107,672
In Japan June 20, 1936
1 Claim. (Cl. 30—216)



In a clipper, a casing forming a handle for the device, a set of cutters supported at one end of the handle, said casing having a central portion of substantially rectangular cross-section so as to provide a motor housing in the middle portion thereof, an induction motor supported in the housing, said motor comprising an elongated laminated core having an over-all shape in the nature of a rectangular parallelepipedon so as to substantially fit within said casing, field coils encircling the end portions of said core adapted to form a primary field for said motor, a split cross member positioned intermediate of the field coils forming poles for the motor, a short circuited coil associated with each leg of said split cross member, a hollow shaft extending transversely of said casing and a secondary member rotatably mounted on said shaft, a valve supported in one end of said hollow shaft for admitting lubricating fluid and said shaft having radial openings so that the lubricating fluid may reach the outer face of the shaft.

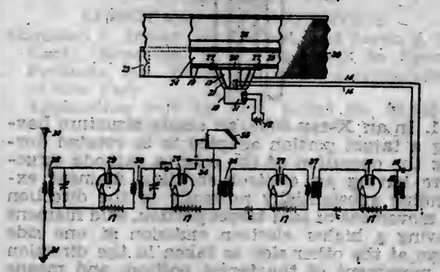
2,108,570
KINDS OF WATER AND METHODS OF PRODUCING THEM
Edward W. Washburn, Washington, D. C.; L. Russell Alden, executor of said Edward W. Washburn, deceased, assignor to American Security and Trust Company, Trustee, Washington, D. C., a corporation of District of Columbia
No Drawing. Application June 27, 1933, Serial No. 677,956
4 Claims. (Cl. 204—9)

3. The method of obtaining isotopic concentration comprising artificially producing a water having an isotopic concentration corresponding to the formula

$$H_2O^{18}$$

partially decomposing said artificially produced water by electrolysis and thereby separately liberating hydrogen and oxygen gases, recombining the liberated gases with each other to produce a new water, and decomposing the water of said recombination by re-electrolysis, and alternately continuing the recombining of the gases and the re-electrolysis of the resultant waters until the density of the final water ceases to decrease with continuation of the process.

2,108,571
PIANO MUSIC-REPRODUCTION ATTACHMENT
Stanhope Wiedeman, Lexington, Ky.
Application March 16, 1937, Serial No. 131,214
6 Claims. (Cl. 84—192)



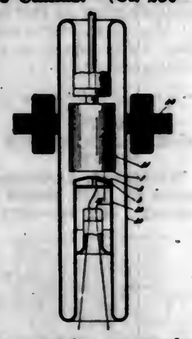
1. An electrical sound reproducing device comprising, in combination with a piano, a baffle board secured in the casing of the piano behind the sounding board thereof with a separation from said sounding board providing an air column space between the two boards, a loud speaker secured to the baffle board with its diaphragm directed through an opening therein toward said sounding board, and means for connecting the loud speaker with operating means.

2,106,572
WEARPLATE FOR RUBBER OVERSHOES AND THE LIKE
George Henry Wilkinson, Windsor, Ontario, Canada
Application April 22, 1937, Serial No. 138,406
1 Claim. (Cl. 36—7.3)



As a new article of manufacture, a wearplate designed to fit into an overshoe heel receptacle, upstanding diverging flanges on opposite side edges of said wearplate, and rearwardly extending inwardly curved guards on said upstanding flanges for embracing the rear portion of a shoe heel to prevent said shoe heel from puncturing the adjacent wall portion of said receptacle.

2,106,573
X-RAY TUBE
Josef Alfter, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application September 24, 1934, Serial No. 745,335
In Germany September 30, 1933
13 Claims. (Cl. 250—35)



1. In an X-ray tube, an anode structure having a target portion adapted to be rotated during the operation of the tube, a cathode structure having an electron-emitting filament extending substantially normally to the direction of movement of said target portion, said filament having a higher electron emission at one side than at the other side as taken in the direction of movement of the target portion, and means to continuously rotate said target portion in the direction in which the temperature of the filament decreases.

2,106,574
BOAT
Corbin S. Atwell, St. Petersburg, Fla.
Application January 18, 1937, Serial No. 121,262
4 Claims. (Cl. 114—126)

1. The combination with a floating body, of an arm pivotally connected with the floating body at a point substantially above the level of the water so that the arm may be swung to generally horizontal and vertical positions, a plate pivotally mounted upon the arm to assume a position with its surface at substantially a right angle to the longitudinal axis of the arm and to be shifted



from this position so that its surface will be generally parallel with the longitudinal axis of the arm, a sleeve slidable upon the arm, a link connecting the sleeve and plate, and a second link pivotally connected with the sleeve and means pivotally connecting the second link with the floating body and being eccentric with respect to the pivot of the arm.

2,106,575
BATHROOM SCALE
Erwin E. Benedict, Rockford, Ill., assignor to The Brearley Company, Rockford, Ill., a corporation of Illinois
Application March 29, 1935, Serial No. 13,729
3 Claims. (Cl. 177—351)



1. A device of the class described, for the weighing of a person in a room, comprising in combination, a domestic type platform scale adapted to rest on the floor of the room in proximity to a wall thereof, a wall type indicator adapted to be attached to the wall at the approximate eye level of a person on said scale, a transmitter including an impedance, means to vary said impedance dependent upon the weight of the person being weighed, electrical connections between said transmitter and said indicator, and means on said indicator and responsive to said variations of said impedance to indicate the weight of the person.

2,106,576
SCAVENGING TWO-STROKE ENGINE
Alfred Bekenäller, Gaggenau, Germany, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany
Application May 2, 1935, Serial No. 19,740
12 Claims. (Cl. 123—65)

3. In a two stroke internal combustion engine,

in combination, a cylinder having a series of upwardly inclined tangential ports at the lower end thereof, a piston reciprocating in the cylinder and adapted to uncover the said ports for admitting scavenging and charging air to the cylinder so as to flow in a helical current around the cylinder, said cylinder having a series of downwardly inclined radial ports above said first-mentioned ports and the piston end having a plurality of depressions therein with the bottoms thereof



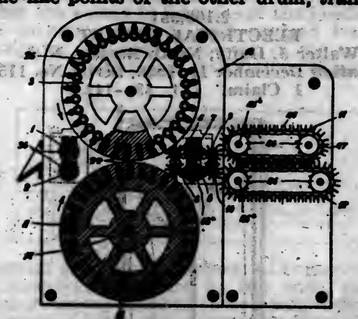
sloping downwardly from the periphery of the piston and then upwardly towards the centre of the piston adapted to co-operate with said radial ports for guiding upwardly in the axial direction of the cylinder scavenging air admitted though the radial ports prior to the uncovering of the tangential ports by the piston during the downstroke of the latter and subsequent to the covering of the tangential ports by the piston during its upstroke and an exhaust outlet at the upper end of the cylinder.

2,106,577
TREATMENT OF MICA FOR ELECTRICAL PURPOSES
Frank William Brough, Chiswick, London, England, assignor to Electric & Musical Industries Limited, Hayes, England, a company of Great Britain
No Drawing. Application April 11, 1935, Serial No. 15,819. In Great Britain June 8, 1934
1 Claim. (Cl. 106—12)

A method of treating mica for use in electron discharge devices prior to its insertion into an electron discharge device which method comprises heating the mica to a temperature between 800° C. and 1000° C. for a period of at least half a minute and at most five minutes, said period being so chosen that a desired increase of thickness results, and thereafter subjecting said mica to pressure, thereby permanently reducing its thickness.

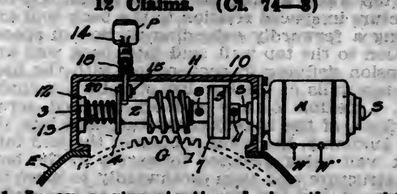
2,106,578
APPARATUS FOR THE TREATMENT OF FIBERS
William Thomas Brown, Wellington, New Zealand, assignor to Fibre Processing Limited, Wellington, New Zealand, Incorporated Company of New Zealand
Application January 24, 1936, Serial No. 60,728
In New Zealand January 31, 1935
8 Claims. (Cl. 19—29)

1. An apparatus for treating New Zealand flax and the like fibrous plants, a pair of stripping drums rotatable at high speed, with their opposing peripheries travelling in the same direction, a pair of feed rollers on the entrance and exit side of the drums, the peripheries of said feed rollers travelling at a less speed than that of the stripping drums, the opposing peripheries of the stripping drums set so as to retain the leaf firmly between them, but allow the required slipping, transverse combs on the drums containing a number of needle-like points set close together, the needle-like points of the combs of one drum set to travel immediately behind the needle-like points of the combs of the other drum, the needle-like points of the combs of each drum being in alignment and in alignment with the needle-like points of the other drum, transverse



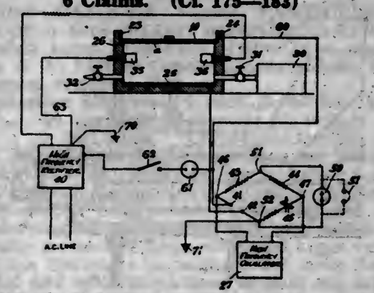
channels in the drums immediately in front of the combs in one drum, and immediately behind the combs in the other drum, said channels being separated from said combs, so that the needle-like points can completely pierce the leaf.

2,106,579
ENGINE STARTING DEVICE
Douglas Collins, Salisbury, N. C.
Application April 16, 1935, Serial No. 16,585
12 Claims. (Cl. 74—8)



1. In an engine starting device, the combination with a gear-ring, a motor, and its shaft, of a worm having a resilient coupling with said shaft, means for moving the worm into engagement with the gear-ring, and means for automatically disengaging the worm from the gear-ring when the engine is started.

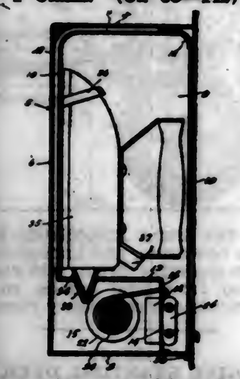
2,106,580
LUBRICANT TESTING DEVICE
Harcourt C. Drake, Hempstead, and Loren J. De Lanty, Brooklyn, N. Y., assignors to Sperry Products, Inc., Brooklyn, N. Y., a corporation of New York
Application July 10, 1935, Serial No. 30,640
6 Claims. (Cl. 175—183)



1. The method of testing a lubricant which consists in applying the lubricant to a plate, vi-

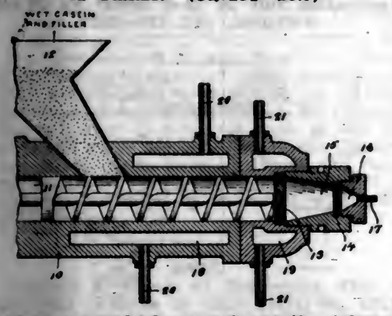
brating said plate at a predetermined frequency, and determining the residue of lubricant remaining on said plate after vibration.

2,106,581
ELECTRICAL OUTLET
Walter J. Duffy, North Bergen, N. J.
Application December 10, 1936, Serial No. 115,231
1 Claim. (Cl. 33—142)



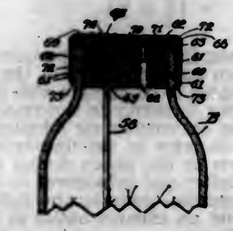
A cabinet structure comprising a box-like structure having an open front and including back and top walls, a false back wall in the box-like structure in spaced relation to the back wall and having a forwardly extending portion in spaced relation to the top wall, said false back wall and extension defining in cooperation with the back and top walls of the box-like structure, a guideway, a flexible closure slidably disposed across the front of the box-like structure and into the said guideway, the lower portion of the said false back wall being disposed forwardly in the box-like structure and then downwardly to meet the bottom of the box-like structure and to define a compartment, a conductor reel in the compartment, and means on the last-mentioned portion of the false back wall adapted to support an electrical connector having its conductor disposed on the said reel.

2,106,582
CASEIN PRODUCT AND PROCESS OF MAKING
Henry V. Dunham, Bainbridge, N. Y.
Application April 26, 1935, Serial No. 18,436
In Great Britain December 8, 1934
12 Claims. (Cl. 134—23.9)



4. A process which comprises intimately mixing and kneading together, under superatmospheric pressure, 75 parts of acid-precipitated casein in the presence of about 10 to 40 parts of water, with about 10 to 150 parts of a filler, continuing the mixing and kneading operation until the materials are completely intermixed and extruding the mass and thereafter mixing the product with an alkali and water, whereby the casein dissolves to afford a liquid casein composition.

2,106,583
CONTAINER
Harry N. Falk, Chicago, Ill., assignor to Baxter Laboratories, Inc., Glenview, Ill., a corporation of Delaware
Application February 26, 1936, Serial No. 65,878
3 Claims. (Cl. 215—95)



1. In combination with a container having an opening and a closure for said opening, said closure having at least one opening extending therethrough, a clamping ring engaging said container and confining said closure in position, a flexible sealing disk extending over said closure and a portion of said clamping ring, and means for confining the peripheral edge portion of said flexible sealing disk against said clamping ring.

2,106,584
TOY VEHICLE
Robert Gluth and Willy Kellermann, Nuremberg, Germany; said Gluth assignor to said Kellermann
Application May 21, 1937, Serial No. 144,083
In Germany November 11, 1935
8 Claims. (Cl. 46—111)



1. A toy-vehicle comprising a casing, a spring-driven clockwork and a sound-producing device to be operated by said clockwork, said sound-producing device consisting of an axle, of mechanism for imparting a combined rotary and periodical swinging motion to said axle from said clockwork, and of a clapper mounted on said axle and adapted to produce a sound when in sliding contact with said casing.

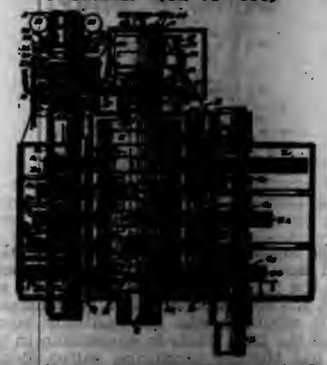
2,106,585
ICE CREAM DIPPER AND MOLD
Andrew M. Healy, Streator, Ill.
Application April 14, 1937, Serial No. 136,895
5 Claims. (Cl. 107—48)

1. In an ice cream dipper and mold, an elongated shank, a scoop at the outer end thereof formed of sections hinged at their inner ends to the outer end of the shank, means slidable on the shank and engaged with the sections of the scoop for opening and closing the scoop sections, and means for anchoring the slidable means to



the shank for holding the scoop sections in closed positions.

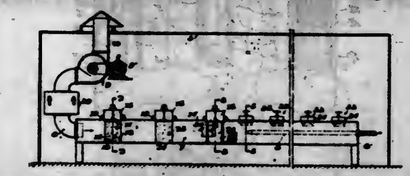
2,106,586
POWER TRANSMISSION MECHANISM
Ree Hutchings, Washington, D. C.
Application March 29, 1937, Serial No. 133,731
3 Claims. (Cl. 74—363)



1. Power transmission mechanism including a driving shaft having gears of different sizes keyed thereto, a driven shaft also having gears of different sizes keyed thereto, and an intermediate rotatable gear assembly including a plurality of pairs of gears, arranged in staggered relation, successive pairs of gears being adapted to transmit power in each of a plurality of positions, one gear of each pair arranged to be driven by a gear on said driving shaft, the other gear of the pair being driven thereby and in turn driving a gear on the driven shaft, and means for rotating said gear assembly through predetermined angles for the purpose of bringing successive pairs of gears of said gear assembly into operation relative with successive gears on said driving and driven shafts.

2,106,587
APPARATUS TO LADEN THE AIR WITH LIQUIDS
Willis Franklin Jones, Anderson, S. C.
Application January 6, 1937, Serial No. 119,226
2 Claims. (Cl. 261—12)

1. In apparatus for treating cotton, a room within which the cotton is placed, an elongated heat radiating casing arranged within the room, a heating unit arranged within the casing and extending throughout only a portion of the length of the casing, outlet means for the casing arranged near the heating unit, a basket arranged within the casing in advance of the heating unit and including spaced cloth covered frames, a distributor arranged at the top of the space between the frames, said distributor having a lon-



gitudinal groove with an inclined bottom extending downwardly toward its free ends, said distributor having notches spaced longitudinally of the groove and in communication therewith and discharging into the space, a tank arranged above the distributor and having an outlet valve arranged near the center of the longitudinal groove, an air supply pipe connected with the casing, and a rotary blower having its outlet end discharging into the air supply pipe.

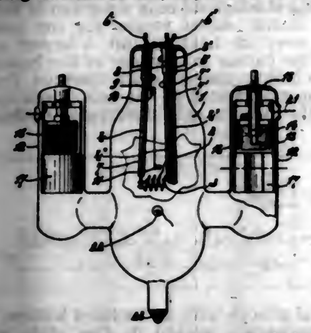
2,106,588
PROCESS OF PRODUCING SHEETS FROM CORROSION-RESISTANT FERROUS-BASE ALLOYS COMBINING IMPROVED STRENGH PROPERTIES WITH CORROSION RESISTANCE
Victor H. Lawrence, Norristown, Pa., assignor to Alan Wood Steel Company, a corporation of Pennsylvania
No Drawing. Application May 25, 1935, Serial No. 23,520
6 Claims. (Cl. 148—12)

1. The process of working and heat treating corrosion resistant copper-containing ferrous-base alloys of the ferritic type to produce structural shapes of thin cross-section having improved physical properties, which comprises heating a copper-containing ferrous-base alloy of corrosion resistance analysis and of the ferritic type to a temperature at least approximating the upper critical point, and then hot rolling with accelerated cooling of the metal during the rolling operation, and continuing said combined rolling and accelerated cooling until the temperature of the metal throughout its section has been brought below the lower critical range.

2,106,589
OXIDE CATHODE MORE PARTICULARLY FOR A GAS-FILLED DISCHARGE TUBE
Hendrik Lens, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application September 7, 1934, Serial No. 743,139
In Germany September 14, 1933
4 Claims. (Cl. 250—27.5)

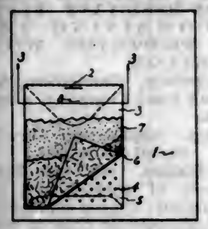
1. A discharge tube comprising an envelope, electrodes within said envelope including a cathode structure comprising a plurality of cylindrically-shaped coils concentrically-disposed in a heat-retaining relationship, said coils being electrically interconnected and spaced apart to permit the discharge to readily reach both the internal and external surfaces of each coil, a layer of a highly electron-emitting substance on the surface of said coils, and leads for supplying dis-

charge current to all of said coils and for supplying heating current to only a portion of said coils,



the remaining portion of said coils being indirectly heated from the directly-heated coils.

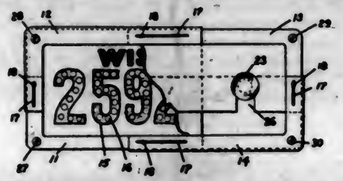
2,106,590
PERMANENT WAVING PAD
Carl J. Lowit, Atlanta, Ga., assignor to Industrial Development and Research Laboratories, Incorporated, Atlanta, Ga., a corporation of Georgia
Application November 19, 1935, Serial No. 50,492
9 Claims. (Cl. 132—36.3)



1. A waving pad for enclosing a preformed tress of hair, said pad comprising an outer wrapper, an envelope formed with perforations in one side attached to said outer wrapper, an absorbent pad enclosed in said envelope and adjacent to the perforated side thereof, and chemical means which when moistened will liberate sufficient heat to impart a so called permanent wave to the tress of hair, said chemical means being confined in the envelope aforementioned between the absorbent pad and the unperforated side of said envelope.

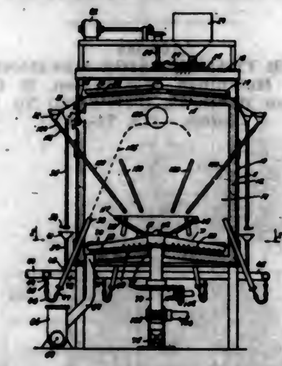
2,106,591
LICENSE PLATE HOLDER
Albert A. Marks, West Allis, Wis.
Application May 22, 1935, Serial No. 22,906
1 Claim. (Cl. 40—133)

In a license plate holder, a hollow casing formed of vertical and longitudinal movable quarter sections slidably engaging one another, and provided with a side opening to receive a license plate having perforated digits, the adjacent wall portions of said sections being overlapped, electric light sockets carried at the inner sides of certain of said sections opposite the said opening, the edges of adjacent walls of the other sections being slotted for engagement about said sockets to allow for a relative adjustment of the sections to vary the area of the said opening to fit above a license plate of a given size, a reflector supported from each of the said sockets for directing light from lamps in the sockets to and through the perforations in said license



plate, and apertures in the side openings to register with aperture in a license plate and to retain the sections in position.

2,106,592
PROCESS FOR ROASTING ORES
Edwin J. Mullen, New Rochelle, N. Y., assignor to General Chemical Company, New York, N. Y., a corporation of New York
Application December 23, 1935, Serial No. 55,808
15 Claims. (Cl. 75—9)

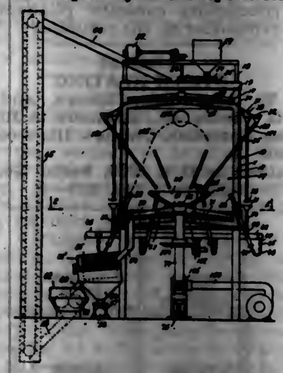


1. The method of roasting coarse metal sulfide ore and metal sulfide fines which comprises introducing the fines into a combustion zone so as to form in the combustion zone a suspension of the fines in oxidizing gas, substantially completely roasting the fines while in suspension in the oxidizing gas thereby producing sulfur dioxide gas and creating high temperatures, forming a bed of the coarse ore, roasting the coarse ore, under influence of the high temperatures developed by the suspension roasting of the fines, under conditions to substantially completely roast the coarse ore and to produce sulfur dioxide, and recovering sulfur dioxide.

2,106,593
PROCESS AND APPARATUS FOR ROASTING ORES
Edwin J. Mullen, New Rochelle, N. Y., assignor to General Chemical Company, New York, N. Y., a corporation of New York
Application December 23, 1935, Serial No. 55,809
13 Claims. (Cl. 75—9)

1. The method of roasting coarse metal sulfide ore and metal sulfide fines which comprises introducing the fines into a combustion zone so as to form in the combustion zone a suspension of the fines in oxidizing gas, substantially completely roasting the fines while in suspension in the oxidizing gas thereby producing sulfur dioxide gas and creating high temperatures, forming a bed of the coarse ore, at least partially roasting

the coarse ore under influence of the high temperatures developed by the suspension roasting



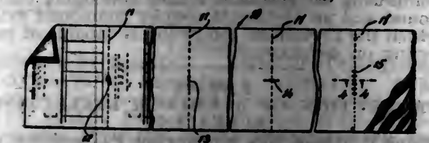
of the fines to produce sulfur dioxide, and recovering sulfur dioxide.

2,106,594
METHOD OF CONSTRUCTING HOLDERS
Charles Nelson, Miami, Fla.
Application August 29, 1935, Serial No. 38,454
Renewed July 16, 1937
2 Claims. (Cl. 113—116)



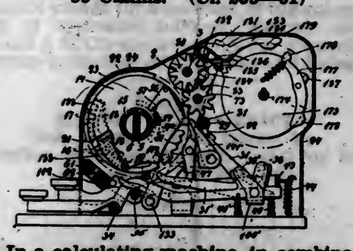
1. A method of constructing article holders consisting in slitting a sheet of material inwardly from one end to provide a plurality of fingers, slitting the sheet inwardly from the other end to provide legs, bending the intermediate portion of the sheet so that one edge portion will be immediate to the other to provide a body portion, and diverging the said fingers outwardly to article supporting position, pointing and disposing inwardly the free ends of the fingers and bending the legs outwardly to supporting position.

2,106,595
MULTIFORM STATIONERY
Arthur H. Phillips, Hempstead, N. Y., and William Allan, Jr., Ridgefield Park, N. J., assignors, by mesne assignments, to American Sales Book Company, Inc., a corporation of Delaware
Application December 1, 1922, Serial No. 323,046
51 Claims. (Cl. 282—12)



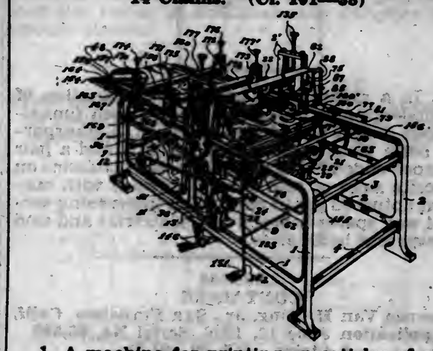
1. Multiform stationery comprising a plurality of superimposed strips having weakened severance lines providing for tearing them into a plurality of multiplicate forms, and stitching located on and extending across said lines for securing the strips together, said stitching engaging and passing through said strips near to but at points spaced from said weakened lines so as to be released from said strips upon tearing along said weakened lines.

2,106,596
CALCULATING MACHINE
Karl Viktor Rudin, Stockholm, Sweden
Application February 27, 1930, Serial No. 431,872
In Sweden July 17, 1929
55 Claims. (Cl. 235—61)



1. In a calculating machine, in combination, a setting disc, a number of adjustable teeth mounted thereon, a cam disc mounted rotatably in coaxial relation to the setting disc, and means cooperating with said cam disc for setting some of the teeth in common upon rotation of the cam disc in one direction from a normal position and for setting the other teeth individually in succession upon rotation of the cam disc in the other direction from the normal position.

2,106,597
MACHINE FOR PRINTING DIRECTLY ON METAL OR GLASS AND THE LIKE
Frederick Shurley, Salt Lake City, Utah, assignor to Ceramic Machinery Distributors Limited, Windsor, Ontario, Canada, a company incorporate of Canada
Refiled for abandoned application Serial No. 711,136, February 14, 1934. This application December 30, 1935, Serial No. 56,833
14 Claims. (Cl. 101—38)



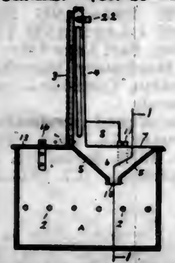
1. A machine for printing on articles of glass, pottery and the like and including in combination a supporting structure, means thereon for receiving and holding an article to be printed, a printing table with printing means thereon, means for moving said table and printing means into and out of a printing position, said printing means engaging said article as said table is moved into printing position, and means for applying ink to coextensive but different portions of said printing means seriatim during its movement in one direction.

2,108,596
FISHING LINE
Lynten Burr, Hampton, Va.
Application September 28, 1936, Serial No. 103,016
17 Claims. (Cl. 43—28)



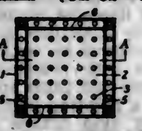
1. A terminal for a cable comprising a solid metal loop having arms twisted one upon the other, said cable passing through said loop and being twined together with said arms.

2,108,599
GRASSHOPPER TRAP
Halver Olsen Eiane, Washington Island, Wis.
Application April 11, 1934, Serial No. 720,032
6 Claims. (Cl. 43—107)



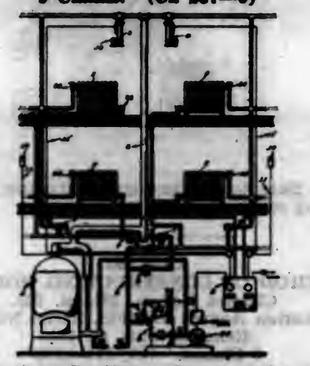
1. In a grasshopper trap, the combination of an underground pit-box having an open funnel-shaped mouth and throat overhead, a transparent baffle plate adjoining said mouth, and a pair of taper-ended horizontally disposed platforms on opposite sides of said mouth provided with outward upturned guard plates, and intervening vertical wall spaces between said platforms and said transparent baffle plate.

2,108,600
CONTAINER
Clarence Van H. King, Jr., San Francisco, Calif.
Application June 16, 1936, Serial No. 85,522
1 Claim. (Cl. 62—91.5)



A container of the character described comprising an inner and an outer shell with spaces between the top, bottom and sides of the inner shell and the corresponding top, bottom and sides of the outer shell; the bottom to the inner shell being perforated; the top to the inner shell being of heat conducting capacity relatively higher than the remainder of the container.

2,108,601
STEAM HEATING
Richard W. Lentwiler, Chicago, and William Eichholz, Cicero, Ill., assignors to Illinois Engineering Company, Chicago, Ill., a corporation of Illinois
Application April 4, 1936, Serial No. 72,692
9 Claims. (Cl. 237—9)



1. In a steam heating system a source of steam supply, radiation means, supply and return conduits between said source and radiation means, a regulating valve in the supply conduit for controlling the flow of steam to the radiation means, said regulating valve being constructed to be subject in operation to the pressure on the low pressure side of said valve independently of the pressure on the high pressure side of the valve, a spring for acting upon said valve, a motor for tensioning and compressing said spring, a circuit for said motor and a thermostat in the motor circuit responsive to effect of the opening and closing of said valve and arranged to control said circuit to cause the motor to progressively compress or tension said spring according to temperature variations to which the thermostat is subject.

2,108,602
PHOTOGRAPHIC COLOR-FORMING COMPOUNDS
Leopold D. Mannes and Leopold Godowsky, Jr., Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application December 15, 1936, Serial No. 115,972
11 Claims. (Cl. 95—32)

1. A color-forming photographic developer comprising an aromatic amino developing compound and an acetamide coupler compound with which the developing compound is capable of reacting on development.

2,108,603
PRODUCTION OF ALUMINUM REFLECTING SURFACES
Ralph B. Mason, New Kensington, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application August 2, 1933, Serial No. 683,944
19 Claims. (Cl. 204—1)

2. A method of producing an aluminum article having a durable light-reflecting surface, comprising anodically treating the aluminum article in an electrolyte containing fluoborate as a major active constituent thereof, and thereafter producing on said surface by anodic oxidation a clear, transparent coating consisting substantially of aluminum oxide.

2,108,604
ALUMINUM REFLECTOR
Ralph B. Mason, New Kensington, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Original application August 2, 1933, Serial No. 683,944. Divided and this application May 19, 1934, Serial No. 726,571
1 Claim. (Cl. 88—105)

An aluminum light reflector having a bright metal surface from which the impurities normally present in aluminum have been substantially removed, said surface being provided with an adherent, clear, transparent, substantially colorless coating of a thickness of about 0.1 to about 0.4 mil, and consisting substantially of aluminum oxide integrally and artificially formed on said surface, said oxide-coated aluminum surface having a reflection factor of at least 80 per cent and being capable of having its original reflectivity substantially restored by washing.

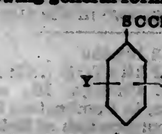
2,108,605
TUBING STOP
Charles F. Moseley, Bartlesville, Okla.
Application June 26, 1936, Serial No. 87,579
16 Claims. (Cl. 166—219)



1. In a device of the character described, a well string, a collapsible cone comprising segmental members supported by said string, slips slidably engaging said cone, and means on the well string for holding said cone in expanded condition, said means being movable axially of the well string away from the cone to allow the latter to collapse toward the well string.

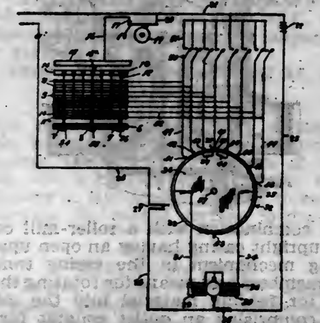
2,108,606
TRIFLUOROMETHYL - PHENYLSULPHIDES, OXIDATION PRODUCTS THEREOF AND PROCESS OF PREPARING THE SAME
Fritz Müller, Otto Scherer, and Willy Schumacher, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application April 13, 1937, Serial No. 136,668. In Germany April 18, 1936
8 Claims. (Cl. 260—143)

1. The process which comprises causing a fluorinating agent of the group consisting of technically anhydrous hydrogen fluoride and antimony trifluoride to react at a temperature of about 50° C. to about 200° C. with a compound of the following general formula:



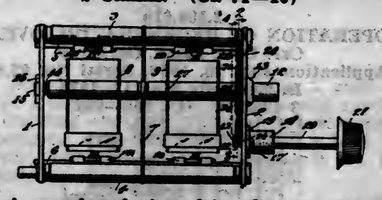
wherein X stands for a member of the group consisting of hydrogen, halogen, methyl, nitro, a CF_3- and a $SCCl_3$-group, and Y for a member of the group consisting of hydrogen and halogen.

2,108,607
RADIO TUNING DEVICE
Nels Nelson, Upper Darby, Pa.
Application February 27, 1931, Serial No. 518,643
16 Claims. (Cl. 250—20)



9. In a tuning device, a controller connected to the movable tuning shaft of a radio receiving set and including spaced conductors, their contiguous ends forming a recess, electric circuits connected to the conductors, a plurality of contact members in fixed locations relative to the conductors, and means to urge said contact members inwardly whereby each in turn will be projected into the recess to simultaneously complete the electric circuits.

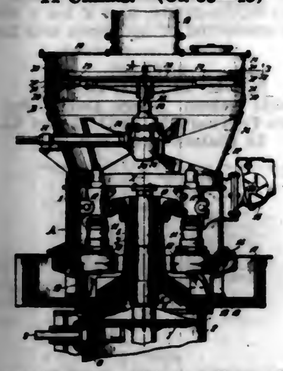
2,108,608
SPEED REDUCING DRIVE
Friedrich C. Neller, Collingswood, N. J., assignor to Radio Condenser Company, Camden, N. J.
Application May 16, 1936, Serial No. 80,071
2 Claims. (Cl. 74—10)



1. A speed reducing drive for an operating shaft carried by bearing supports, the shaft carrying a device to be turned, a driving stub shaft having a bearing attached directly to one of said operating shaft supports, the stub shaft extending through its bearing and through said operating shaft support and having in the extending end a groove-like formation with conical walls tapering toward each other, said operating shaft having a pair of grooves therein and disc-like resilient members fastened, one in each of said

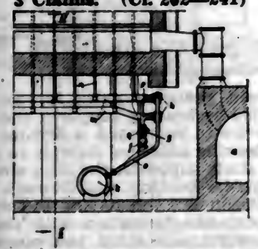
grooves, said disc-like members having an arcuate length of more than 180° but substantially less than 360° and having their free edges extending into frictional contact with the conically shaped walls of the groove in the stub-shaft.

2,108,609
WHIZZER SEPARATOR AND MILL
Richard F. O'Mara, Chicago, Ill., assignor, by mesne assignments, to Combustion Engineering Company, Inc., a corporation of Delaware
Application April 15, 1935, Serial No. 16,443
11 Claims. (Cl. 83—45)



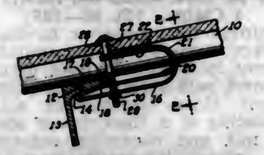
1. In combination with a roller-mill comprising an upright casing having an open upper end, grinding mechanism in the casing comprising rotary members and means for rotating the same, means for feeding material into the mill, and means comprising an outlet conduit for lifting pulverized material from the mill in suspension in an air stream, a separator interposed between the mill and outlet conduit and comprising a laterally closed separator casing forming substantially an upward extension of the mill casing, a rotary deflector mounted for rotation about a central vertical axis within the separator casing, said deflector comprising a closed central portion and a plurality of spaced apart outwardly projecting vanes extending into proximity to the casing walls, an annular stationary deflector carried by the casing wall and closely overlapping the outer end portions of the vanes so that the only path for the upwardly flowing air stream is between the rotating vanes, and means for rotating the rotary deflector.

2,108,610
OPERATION OF REGENERATIVE OVENS
Carl Otto, Essen, Germany
Application July 28, 1936, Serial No. 92,968
In Germany May 17, 1935
3 Claims. (Cl. 202—241)



1. In the operation of a regenerative furnace comprising a connection operable to alternately supply rich fuel gas and degraphitizing air during successive regeneration periods, the method which consists in passing an inert gas through said connection during intervals prior to and following the passage of degraphitizing air through said connection.

2,108,611
FASTENER FOR ATTACHING CORRUGATED COVERING SHEETS
Harlow T. Richardson, North Plainfield, N. J., assignor to The Ruberoid Co., New York, N. Y., a corporation of New Jersey
Application January 23, 1937, Serial No. 122,027
8 Claims. (Cl. 108—33)



1. A spring clip for securing corrugated covering sheets to underlying supports, the clip being folded to have opposed and spaced legs, one leg for contact with the under face of the covering and the other leg for contact with the under face of the support, the support contacting leg being itself folded into two opposed and spaced reaches, the upper of which serves as the bearing for the clip on the support and the lower of which is yieldable with respect thereto, and a screw or bolt for passage through the covering, upper clip leg and both reaches of the lower clip leg.

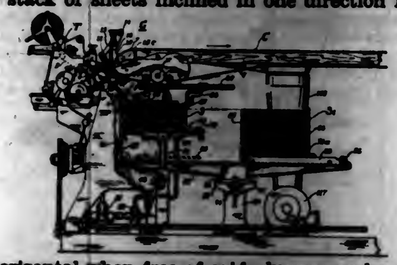
2,108,612
CLIP FOR SECURING CORRUGATED ROOF OR SIDING SHEETS
Harlow T. Richardson, North Plainfield, N. J., assignor to The Ruberoid Co., New York, N. Y., a corporation of New Jersey
Application January 23, 1937, Serial No. 122,028
3 Claims. (Cl. 108—33)



1. A structural assembly, comprising a support for an inclined corrugated covering sheet, an inclined covering sheet resting on the outer end of said support, clips for securing the covering sheet to the support, each clip having a leg parallel to the covering sheet and upon which the covering sheet rests, another leg parallel to the under face of the support for seating the clip on the support, and an inclined reach connecting the two legs, a bolt passing through the covering sheet and the leg in contact therewith to hold the sheet to the clip at one point, and another bolt contiguous to the outer end of the support and passing through the covering sheet and the leg which seats the clip on the support to hold the clip and sheet to the support.

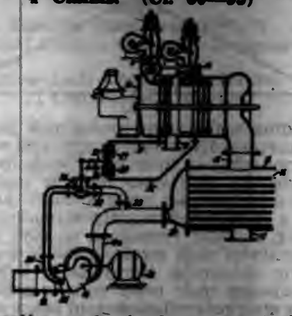
2,108,613
ADHESIVE APPLYING MECHANISM
Ernest G. Rider, Philadelphia, Pa., assignor to Stokes and Smith Company, Summerdale, Philadelphia, Pa., a corporation of Pennsylvania
Application June 22, 1936, Serial No. 86,004
11 Claims. (Cl. 271—62)

1. In apparatus comprising mechanism for removing sheets from a stack thereof, and a plunger for raising the stack adjacent said mechanism, means detachable from said plunger for holding a stack of sheets inclined in one direction from



horizontal when free of said plunger, and a support movable with said plunger inclined in a direction different from said first direction to loosen the sheets.

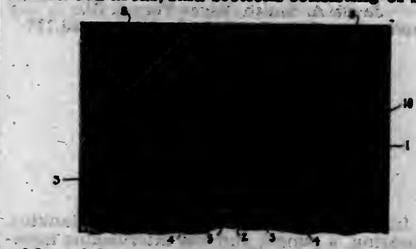
2,108,614
EXTRACTION TURBINE ARRANGEMENT
Arthur Rosch, Brieselang, near Nauen, and Herbert Neumann, Berlin-Wilmersdorf, Germany, assignors to General Electric Company, a corporation of New York
Application December 2, 1936, Serial No. 113,920
In Germany January 23, 1936
4 Claims. (Cl. 60—95)



1. Extraction and mixed pressure turbine arrangement including the combination of an elastic fluid turbine, a condenser for receiving exhaust fluid from the turbine, a conduit connected to an intermediate stage of the turbine, means including a pump for conducting cooling medium to the condenser, and means including a pressure-responsive device connected to the conduit and an adjustable bypass for the pump for automatically controlling the flow of cooling medium in response to changes of the amount of elastic fluid flowing through the conduit.

2,108,615
FLAT KNITTED STOCKING WELT
Erwin Raebel, Richmond Hill, N. Y., assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y., a corporation of New York
Application May 16, 1936, Serial No. 80,028
2 Claims. (Cl. 66—173)

1. A flat knit welt for a full fashioned stocking composed generally of courses of unreinforced short loops composed of yarn corresponding in character and loop length substantially to the leg and a reinforced area for garter attachment, said reinforced area being framed by and separated from laterally adjacent unreinforced areas of fabric by sections having greater elasticity and distortability than either the reinforced or unreinforced areas, said sections consisting of bands

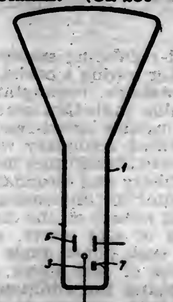


of lace fabric composed of transferred loops extending diagonally across the welt from substantially the top to bottom.

2,108,616
TREATMENT OF MATERIALS
Vincent J. Schaefer, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
No Drawing. Application April 12, 1935, Serial No. 16,036
10 Claims. (Cl. 91—68)

1. The method of making a surface non-wettable by mineral oil which comprises incorporating about 5% by weight of calcium stearate into a moisture-free varnish, applying said mixture to the cleaned surface to be treated and allowing the coated surface to dry.

2,108,617
ELECTRON TUBE
Fritz Schröter, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany
Application July 14, 1934, Serial No. 735,203
In Germany July 28, 1933
5 Claims. (Cl. 250—27.5)



4. An electron device comprising a glass envelope, a thermionic cathode within said envelope for emitting electrons, electron focusing means cooperating with said cathode, and a heat dissociable halogen compound adjacent to said cathode.

2,108,618
HARD ALLOY
Kaare S. Seljeseter, Bergen, Norway, assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
No Drawing. Application November 10, 1934, Serial No. 752,469
6 Claims. (Cl. 75—136)

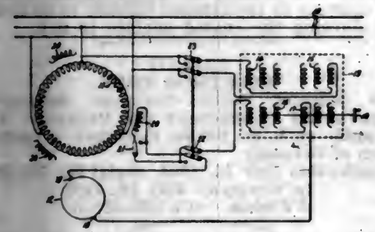
1. A hard alloy containing from 99% to 85% of a sintered mixture of tantalum nitride and tantalum carbide and 1% to 15% cobalt.

2,108,619
PIERCING DIE
Jacob A. Smith, River Forest, Ill.
Application July 3, 1936, Serial No. 88,777
18 Claims. (Cl. 164—124)



1. In a die set for piercing, forming, blanking, or shearing, a punch, and two interlocking members having overlapping portions having a dovetail telescopic engagement with each other, said overlapping portions engaging and radially supporting said punch.

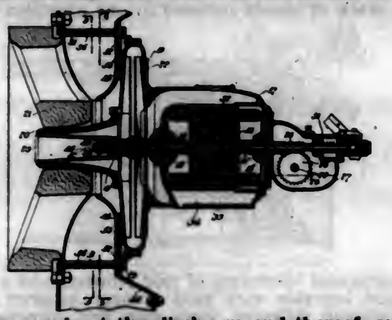
2,108,620
CONTROL OF ALTERNATING-CURRENT COMMUTATOR MOTORS
Wolfgang Stöber, Berlin-Pankow, Germany, assignor to General Electric Company, a corporation of New York
Application September 1, 1936, Serial No. 98,869
In Germany November 4, 1935
2 Claims. (Cl. 172—274)



1. In a speed-regulating system, an alternating-current motor having a primary winding and a relatively rotatable commutated secondary winding, a double induction regulator for impressing an adjustable speed-regulating voltage on the commutated secondary winding of said motor, an auxiliary transformer means connected between the primary and secondary winding circuits of said motor for impressing an additional speed-regulating voltage on the commutated secondary winding of said motor, said additional voltage having such phase angle as to improve the power factor of said motor, and switching means for reversing the additional speed-regulating voltage with respect to the adjustable speed-regulating voltage and for disconnecting the auxiliary transformer means from the secondary winding circuit of the motor.

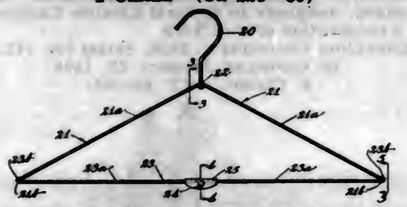
2,108,621
MEANS FOR OIL BURNING
John F. Straitz, Philadelphia, Pa., assignor to National Airoil Burner Company, Incorporated, a corporation of Delaware
Application March 3, 1934, Serial No. 713,786
7 Claims. (Cl. 158—77)

1. In an oil burning system, the combination of a rotating atomizing cup and a nozzle for primary air surrounding the cup, an annular member rotatably seated in the rear wall of the nozzle, air deflecting vanes co-extensive with the nozzle and the cup and interposed between said nozzle and cup, said vanes pivoted in the wall



of the nozzle at the discharge end thereof, and pivoted at their rear ends to said annular member.

2,108,622
COLLAPSIBLE COAT HANGER
Begela Streseff, Minneapolis, Minn.
Application March 10, 1936, Serial No. 68,681
1 Claim. (Cl. 223—89)



A folding coat hanger including a pair of normally downwardly divergent wire coat-supporting arms connected at their upper ends by a pivotal joint whereby said arms may be folded downwardly into compact, substantially parallel relation, a normally upwardly extending support-engaging element connected to said hanger in the vicinity of said pivotal joint, a toggle brace normally extending horizontally between said arms adjacent their lower ends to maintain said arms in divergent relation, said brace comprising two wire sections respectively pivotally connected at their outer ends to the respective arms, a pivot connecting together the inner ends of said respective sections to render said brace upwardly collapsible to permit compacting of said arms in close, substantially parallel relation with said sections, and a saddle clip overlying the pivotally connected inner ends of said wire toggle brace rods and having depending ears which confine the pivotally connected portions of said rod sections, said ears being connected with the respective ends of said pivot and the intermediate portion of said saddle clip having a longitudinal upper portion convex in cross section for abutting said pivotally connected inner ends of said rod sections when said brace is extended to horizontal position to positively restrain said toggle brace from downward collapsing.

2,108,623
ELECTRIC HEATER
Charles Sykes, Timperley, and William Needham, Sale, England, assignors to General Electric Company, a corporation of New York
Application July 16, 1937, Serial No. 154,107
In Great Britain July 27, 1936
2 Claims. (Cl. 247—1)

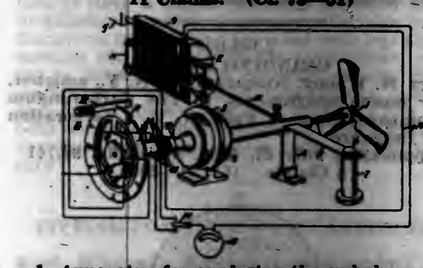
1. In a heating device for a cooking stove having heating elements and supply leads, a terminal

box formed with a joint chamber adapted to house the joints between the heating elements and the supply leads, and having bores extending upwardly from said chamber for accommodating the ends of the heater elements to admit them to the joint chamber, a second chamber intended to be packed with a filling to seal the supply leads, the second chamber being located at one side of



said joint chamber and having an opening or openings in the walls through which the supply leads pass to the joint chamber and a detachable side to said terminal box which side acts as a closure to the joint chamber and to the upwardly extending bores, the jointing surface between said side and the body of said box intersecting the bores longitudinally.

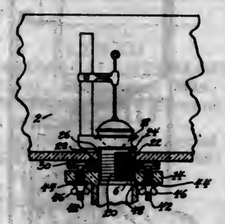
2,108,624
DYNAMICALLY BALANCING ROTATABLE BODY
Ernest L. Thearle, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application April 28, 1936, Serial No. 76,794
11 Claims. (Cl. 73—51)



1. Apparatus for analyzing the unbalance of a rotary body into components respectively associated with a plurality of circumferentially spaced balancing centers, said apparatus comprising means for generating by the action of the total unbalance of the body an electromotive force which is in proportion to the magnitude of the unbalance and the phase of which is dependent upon the location of the unbalance, means to integrate said electromotive force, means for selectively determining the limits of integration such that the effect thereon of forces associated with all but one of the balancing centers will be eliminated, and means for measuring the resultant integrated electromotive force, thereby to determine the separate unbalance effect of the forces associated with the said one of said centers.

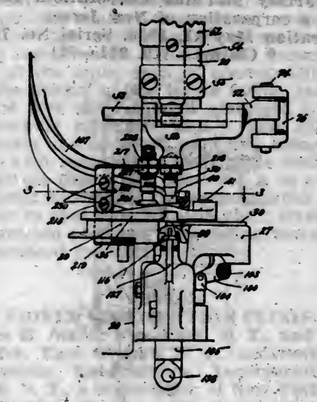
2,108,625
WATER CLOSET COMBINATION
Bert O. Tilden, Trenton, N. J.
Application December 31, 1936, Serial No. 118,456
3 Claims. (Cl. 4—63)

1. In combination with a water closet bowl having a tank supported thereby, means for securing the tank in position on the bowl located entirely outside of the water receiving portions of the combination, a threaded member carried by



the tank to which said means is secured and another threaded member engaging said means for securing said means to the bowl.

2,108,626
WORK FEEDING DEVICE
James R. Townley, Chamois, and Anthony J. Mauntel, Washington, Mo., assignors to Judson L. Thomson Mfg. Co., Inc., Waltham, Mass., a corporation of Massachusetts
Application June 15, 1935, Serial No. 26,756
10 Claims. (Cl. 218—17)

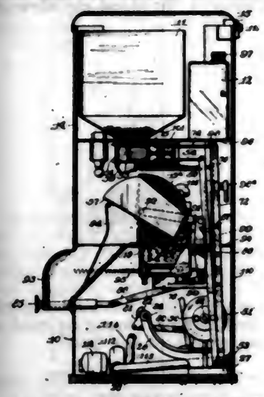


1. A device of the character described comprising a work supporting slide, a yoke bracket, a clamp mounted in said bracket, said bracket being slidably connected at one end to said slide, and means for moving said bracket vertically to apply said clamp to the work on said slide and then horizontally to move said clamp and said slide in unison to feed the work.

2,108,627
AUTOMATIC CORN-POPPING MACHINE
Herbert B. Tyler, Evanston, Ill.
Application September 24, 1934, Serial No. 745,215
22 Claims. (Cl. 53—4)

1. Corn popping mechanism comprising a heat source, a movable popping basket for holding corn to be popped, mechanism for moving said basket into and from popping relation with said heat source, means for interrupting the operation of said mechanism during the popping oper-

ation, and means automatically effecting the reactuation of said mechanism to remove said bas-



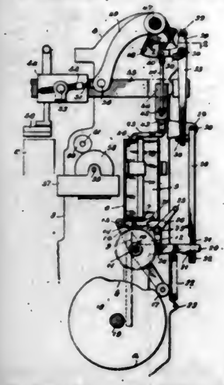
ket from said heat source upon completion of the popping operation.

2,108,628

ELEVATING MECHANISM

George W. von Hofe, Bound Brook, N. J., and Bernard D. Dans, Brooklyn, N. Y., assignors to New Jersey Machine Corporation, Hoboken, N. J., a corporation of New Jersey

Application May 11, 1936, Serial No. 79,188
9 Claims. (Cl. 271—62)



1. The combination of a frame, a vertical hopper supported on said frame, a support for a progressively decreasing stack of sheets or the like vertically movable in said hopper, mechanism including an actuating member and means for operating said member for elevating said support and stack in said hopper, a normally stationary controlling member pivotally suspended on said frame for maintaining the actuating member of said elevating mechanism against operation, a releasing member pivotally suspended on said frame independently of and in operative relation to said controlling member, and means controlled by said stack arranged to pivotally operate said releasing member when said stack has decreased to a predetermined extent to cause said releasing member to develope a pressure upon said controlling member whereby the latter is pivotally actuated to release the actuating member for operation by said operating means to actuate said elevating mechanism and thereby raise said support and stack to periodically restore the upper end thereof to a predetermined level.

2,108,629

PROCESS FOR FRACTIONATING HYDROCARBON OILS

Willem Rhijnvis van Wijk, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

No Drawing. Application August 25, 1936, Serial No. 97,740. In the Netherlands October 3, 1935
11 Claims. (Cl. 196—13)

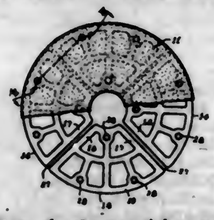
1. A process for separating hydrocarbon fractions having melting points below that of paraffin wax and contained in a hydrocarbon mixture liquid at —20° C., comprising the steps of chilling said mixture substantially in the absence of a diluent to a temperature below —35° C. to solidify at least a portion of the hydrocarbons having melting points below that of paraffin wax and form an unfiltrable mass of low mobility, adding to the said mass an amount of a liquid solvent in which the lower melting hydrocarbons are more readily dissolved than the higher melting hydrocarbons, said solvent being liquid at the temperature of the filtration, and filtering the resulting mixture to separate the undissolved solid hydrocarbons from the solvent and dissolved lower melting hydrocarbons at a rate of filtration which is greater than that of the same hydrocarbon mixture, when this is mixed with the same amount of said solvent while in the liquid state, chilled to the same temperature and filtered under identical conditions.

2,108,630

GRINDING DEVICE

Avery W. Walker, Niagara Falls, N. Y., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware

Application July 27, 1936, Serial No. 92,741
3 Claims. (Cl. 51—209)



1. A grinding wheel comprising, a homogeneous bonded abrasive disk, a rigid segmental framework embedded in one face of said disk, said framework having bounding ribs in the shape of a sector of a circle and provided with interconnecting ribs formed integrally with said bounding ribs to provide a grid structure within the abrasive whereby the disk is reinforced in the segmental area embraced by said framework.

2,108,631

SHOE

Frederick P. Wagner, St. Louis, Mo., assignor of one-half to Arthur J. Brauer, St. Louis, Mo.

Application August 30, 1935, Serial No. 38,495
9 Claims. (Cl. 36—45)

1. A shoe of the oxford type comprising, an exterior upper section having a throat line, lace stays connected to the upper section, said lace stays underlapping the throat line of the upper



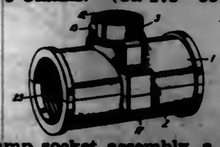
and being free of direct connection to the throat portion of the upper.

2,108,632

DOUBLE ENDED SOCKET

Frederick H. Weston, Bridgeport, Conn., assignor to General Electric Company, a corporation of New York

Application March 6, 1934, Serial No. 714,293
6 Claims. (Cl. 173—337)



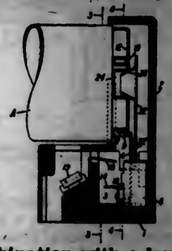
1. In a lamp socket assembly, a socket enclosure of insulating material comprising an upper portion provided with a transverse opening and a lower portion cooperating with the upper portion to form a socket enclosure provided with a longitudinal opening, a nipple positionable in said transverse opening and provided with legs and an opening connecting with the longitudinal opening, a separable lamp receiving means rigidly positionable within said longitudinal opening, and means cooperating with said legs and with both portions of the enclosure for assembling the enclosure and nipple into a rigid, unitary structure.

2,108,633

FITTING FOR TUBULAR INCANDESCENT LAMPS

Kurt Wiegand, Berlin-Hohen-Neuendorf, and Friedrich Göritz, Berlin, Germany, assignors to General Electric Company, a corporation of New York

Application June 3, 1937, Serial No. 146,268
In Germany June 26, 1936
6 Claims. (Cl. 176—29)



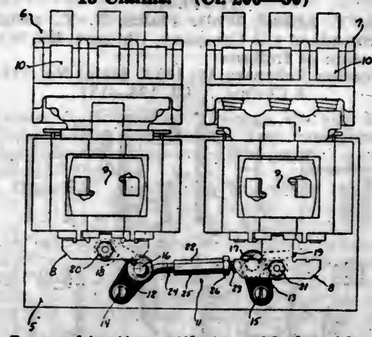
6. The combination with a lamp having a ferrule at one end provided with an eccentric groove, of a fitting for the lamp comprising a base, a fixed contact on the base, a movable contact on the base having a part for engagement with said groove whereby by a turning movement of the lamp the movable contact may be moved into and out of engagement with the fixed contact, a removable cap for the base, and means for locking the movable contact out of engagement with the fixed contact when the cap is removed from the base.

2,108,634

MECHANICAL INTERLOCK

Gustav O. Wilms, Milwaukee, Wis., assignor to Allen-Bradley Company, Milwaukee, Wis., a corporation of Wisconsin

Application March 13, 1936, Serial No. 68,620
15 Claims. (Cl. 200—50)



1. In combination with two side by side movable members, a mechanical interlock for locking said members against concomitant motion in the same direction, said interlock comprising a pair of bell crank levers, fixed pivots mounting the levers at the outer ends of corresponding arms with the apexes of the levers facing each other and the free arms thereof arranged to engage the movable members, and a link connecting the apexes of said levers, said link being of such length with respect to the distance between the fixed pivots that when one lever is in a position permitting movement of its associated movable member in said direction the other lever is held in a position positively preventing movement of its associated movable member.

2,108,635

SHIELD FOR IGNITION PLUGS

Charles B. Aiken, New York, N. Y., and Thomas Durfee, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York

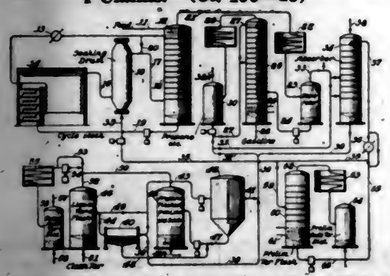
Application May 14, 1929, Serial No. 362,940
2 Claims. (Cl. 123—169)



1. In a shield construction for a spark plug, a ceramic housing over the plug terminal and surrounding the upper portion of said plug insulator

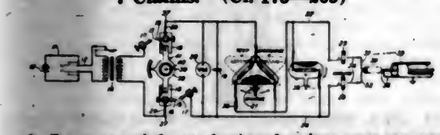
having an aperture in its wall for admitting the high-tension lead wire, means inside the housing for electrically connecting the lead wire to the plug terminal, and a metal shield extending over the outside of the lead wire and the housing and contacting with the base of the plug, said ceramic housing serving to hold the metal shield away from the plug terminal and from the high tension lead wire and its rubber insulation where the latter approaches and enters the said aperture.

2,108,636
PROPANE TREATING IN CRACKING SYSTEMS
Harold V. Atwell, White Plains, N. Y., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application February 16, 1934, Serial No. 711,457
4 Claims. (Cl. 196—13)



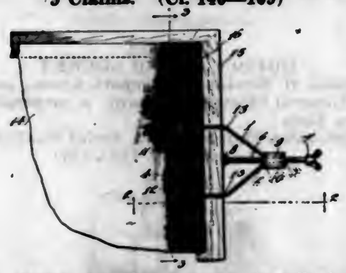
1. In a process wherein hydrocarbon oil is subjected to conversion conditions of temperature and pressure to produce motor fuel, and a relatively viscous pressure tar which is characterized by having asphalt in solution and by having suspended contaminating insoluble solid matter therein which renders said tar difficult to filter the improvement in refining said pressure tar to make it suitable for fuel purposes which comprises cooling said tar, conducting said cooled tar into an absorption chamber, conducting normally gaseous hydrocarbons which are substantially free from gasoline to said chamber, intimately contacting said cooled tar and said normally gaseous hydrocarbons and dissolving not more than about one liquid volume of said normally gaseous hydrocarbons in each ten liquid volumes of said tar, thus decreasing the viscosity of said tar without precipitating any substantial amount of asphalt therefrom, separating undissolved gaseous hydrocarbons from the viscosity-reduced tar, passing the said tar and dissolved normally gaseous hydrocarbons into a separating zone and separating said contaminating insoluble solid matter from the said viscosity-reduced tar, and thereafter removing the dissolved gaseous hydrocarbons from the tar.

2,108,637
TESTING APPARATUS
Charles P. Bartgis, Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application May 1, 1936, Serial No. 77,328
7 Claims. (Cl. 175—265)



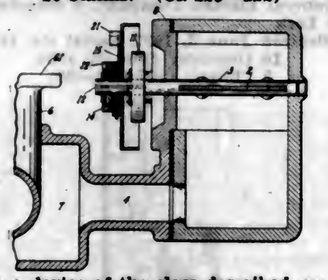
1. In a coaxial conductor having copper projections extending in continuous metallic paths between the inner and outer conductors at spaced points along the length of the coaxial conductor, the method of interrupting the paths which consists in placing a charge of predetermined magnitude on a condenser, discharging the condenser into the coaxial conductor to test for the projections, and discharging the condenser into the coaxial conductor to disintegrate the projections, the charging and discharging being repeated until complete disintegration is effected.

2,108,638
WIRE SCREENING APPLICATOR
Reuben Benedict, East Orange, N. J.
Application March 23, 1937, Serial No. 132,494
5 Claims. (Cl. 140—109)



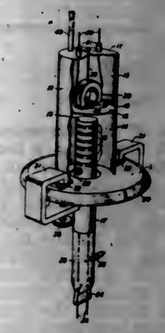
1. A device for the purpose described comprising a frame of two portions laterally spaced a relatively wide distance apart at one end and connected by a cross-bar carrying a plurality of longitudinally arranged brads to engage the meshes of a door or window screen on one side thereof, support means for said frame portions at the end of the frame opposite to that carrying the brads, strain-applying means carried by said support means and having a part adapted to engage the screen frame to which the screening is to be applied.

2,108,639
AUTOMATIC HEAT CONTROL VALVE FOR INTERNAL COMBUSTION ENGINES
George M. Bicknell, St. Louis, Mo., assignor to Carter Carburetor Corporation, St. Louis, Mo., a corporation of Delaware
Application July 30, 1932, Serial No. 626,858
10 Claims. (Cl. 123—122)



1. In a device of the class described, an intake manifold, an exhaust manifold, a branch passage for conveying exhaust gases from said exhaust manifold to heat said intake manifold, a rotatable valve mounted in said exhaust manifold for directing exhaust gas into said passage, said valve being eccentrically mounted on a shaft, and yielding means constantly urging said valve toward the position to direct gas into said passage.

2,108,640
ELECTRON DISCHARGE APPARATUS
Carl A. Bieling, Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application November 7, 1936, Serial No. 109,650
11 Claims. (Cl. 250—27.5)

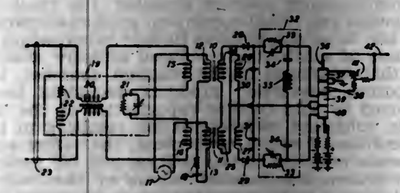


1. An electron discharge device comprising means forming a chamber, including a metallic diaphragm constituting the anode of the device, a cathode in cooperative relation with said anode, flexible means mounting said cathode in said chamber, means for flexing said mounting means to vary the spacing between said cathode and said anode, and means for vibrating said diaphragm.

2,108,641
SURFACE TREATMENT OF MATERIALS
Katharine B. Blodgett, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
No Drawing. Application April 12, 1935, Serial No. 16,033
2 Claims. (Cl. 91—68)

1. In combination, a metallic article having a surface area provided with a continuous film of even thickness consisting of ferric stearate, said film being non-wettable by oil.

2,108,642
MAGNETIC DEVICE
Edward M. Beardman, Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application August 20, 1936, Serial No. 96,927
9 Claims. (Cl. 178—70)



8. An amplifying system comprising in combination a single magnetic modulating system, power supply windings interlinking said modulating system for normally energizing all the elements of said modulating system to substantially the same magnitude during each half cycle of the alternating power supply, an input circuit interlinking said system, two output circuits interlinking said system, a unilateral conducting device connected to each of said output circuits to pass opposite half cycles of current induced in said output circuit and a load circuit oppositely connected to said unilateral conducting devices whereby an amplified positive current flows in said load circuit in response to a positive current flowing in said input circuit and an amplified negative current flows in said output circuit in response to a negative current flowing in said input circuit.

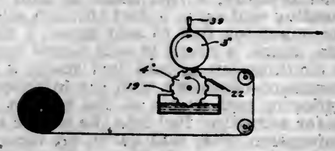
2,108,643
GREASE
Lawrence C. Brunstrum, Chicago, Ill., and Elmer Wade Adams, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill., a corporation of Indiana
No Drawing. Application December 31, 1935, Serial No. 57,062
10 Claims. (Cl. 87—9)

1. A calcium soap grease stabilized against the separation of soap or oil and containing not to exceed about 3% of water comprising as a stabilizing agent from about 1% to about 8% of an oil-soluble monohydric alcohol boiling above 200° F.

2,108,644
GREASE
Lawrence C. Brunstrum, Chicago, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
No Drawing. Application March 22, 1934, Serial No. 716,911
12 Claims. (Cl. 87—9)

1. A calcium soap grease stable at temperatures in excess of about 300° F. and containing less than about 3% of water, comprising as a stabilizing agent from about 2% to about 8% of a partial ester of a polyhydroxy alcohol and a fatty acid.

2,108,645
MANUFACTURE OF FLEXIBLE ABRASIVE ARTICLES
Robert C. Bryant, Niagara Falls, N. Y., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
Application March 18, 1933, Serial No. 661,629
8 Claims. (Cl. 91—68)



1. The method of manufacturing intermittently coated abrasive fabric which comprises giving one surface of the fabric a substantially uniform coating of adhesive, then squeezing the adhesive from portions of said surface which it is desired to have free from abrasive, then projecting abrasive grain onto the surface thus intermittently coated with adhesive, and thereafter hardening the adhesive.

2,106,646

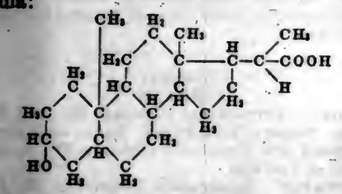
STERINE DERIVATIVES AND PROCESS OF PREPARING THEM

Max Bockmühl, Gustav Ehrhart, and Heinrich Ruschig, Frankfort-on-the-Main-Hechst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application November 13, 1935, Serial No. 49,644. In Germany November 17, 1934

14 Claims. (Cl. 260—98)

5. The process which comprises transforming into the acid halide a compound of the following formula:



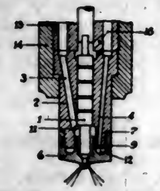
transforming the acid halide into the azide by causing it to act upon an alkali azide, transforming the azide by heating it into the isocyanate and saponifying the latter to form the amine and transforming the amine into the ketone with the aid of an oxidizing agent.

2,106,647

COOLED ATOMIZER FOR SOLID INJECTION ENGINES

Johannes Jan Broese, Delft, Netherlands, assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

Application June 15, 1937, Serial No. 148,313
In the Netherlands June 22, 1936
5 Claims. (Cl. 299—107.1)



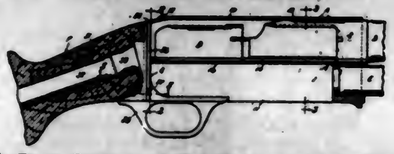
1. A cooled atomizer for internal combustion engines employing solid injection of fuel comprising a valve housing, a spring loaded injection valve therein responsive to periodical increases in the fuel pressure, a fuel space in said housing surrounding said valve, a duct through said housing for supplying fuel to said space, a nozzle of cap-like shape, a recess in said nozzle constituting a continuation of said fuel space, a seat in said nozzle co-operating with the injection valve, an orifice in said nozzle at the bottom of said recess for admitting fuel into the engine cylinder in cooperation with said valve, an inner sleeve integral with said nozzle surrounding said recess and extending into the fuel space having a cylindrical outside to engage the cylindrical inside of said fuel space so as to provide a seal between said inner sleeve and the valve housing, an outer sleeve also integral with said nozzle for affixing the nozzle to the end of the valve housing and a recess in said nozzle between said sleeves having supply and discharge ducts through said housing for circulating cooling liquid through said recess.

2,106,648

REPEATING FIREARM

Val A. Browning, Ogden, Utah, assignor to J. M. & M. S. Browning Company, Ogden, Utah, a corporation of Utah

Application July 27, 1936, Serial No. 92,783
4 Claims. (Cl. 42—4)



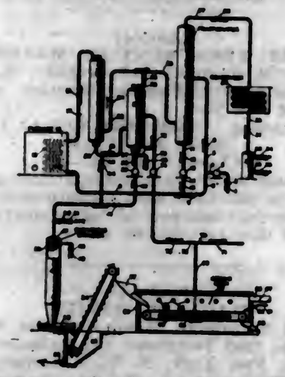
1. In a firearm of the character described, a receiver, a breech block and a barrel extension mounted for reciprocation therein, a removable plate closing the rear end of said receiver and constituting an abutment against which the rear end of said breech block is adapted to engage when the gun is fired, means for securing said plate in the rear end of said receiver, a stock having its forward end engaging the rear end of said receiver, and means for forcing the forward end of said stock against the rear end of said receiver and holding said plate against play with respect to said receiver.

2,106,649

TREATMENT OF HYDROCARBON OILS

Allan H. Calderwood, Martinez, Calif., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware

Application June 17, 1935, Serial No. 26,919
2 Claims. (Cl. 196—49)



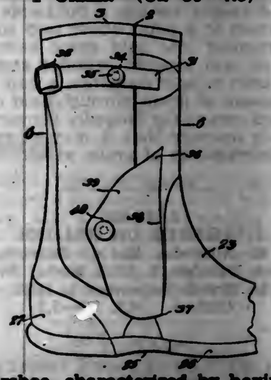
2. In a process for the treatment of hydrocarbon oils wherein the oil is subjected to conversion conditions of cracking temperature and superatmospheric pressure in a heating coil and communicating reaction chamber, the resulting vaporous and liquid conversion products separated, the latter subjected to further vaporization in a zone of substantially reduced pressure relative to that employed in the reaction chamber, the vaporous conversion products, including those evolved by said further vaporization of the liquids, subjected to fractionation resulting in the formation of reflux condensate, the reflux condensate returned to the heating coil for further conversion, fractionated vapors of the desired end-boiling point subjected to condensation and the resulting distillate recovered, the improvement which comprises withdrawing non-vaporous residual liquid in heated state from said zone of reduced pressure vaporization, passing the same in the form of a relatively fine spray into a quenching chamber, commingling oxidising gas in relatively small regulated quantities with the stream of hot residual liquid passing from said reduced pressure zone to the quenching chamber, contacting said spray with a spray of relatively cold water for the purpose of quenching the same and causing the formation of relatively small particles of semi-solid residual material, removing the latter from the quenching zone and introducing the same into a coking zone, subjecting same in the coking zone to a high temperature whereby to reduce same to substantially dry coke, and returning the hydrocarbon vapors from the coking zone to said reduced pressure vaporizing zone.

2,106,650

OVERSHOE

Edward F. Casey, Malden, Mass., assignor to Converse Rubber Company, Malden, Mass., a corporation of Massachusetts

Application February 28, 1936, Serial No. 66,211
1 Claim. (Cl. 36—7.3)



An overshoe, characterized by having an upper composed of a single sheet of elastic rubber and liner, having a vertical seam between two opposed edges thereof at the rear, a vertical slit from the mouth of the overshoe extending almost to the bottom, on the outer side of the shoe, a soft V-shaped fabric gusset having its edges and point attached along the margins and around the bottom of said slit, a triangular tab, having one edge attached to said upper along the lower part of the forward edge of said slit, whereby the upper may be stretched and drawn snugly over the foot, and its apex having fastening means, cooperating fastening means on the rearward lower portion of the upper to engage said tab fastening means, in such stretched position, and an adjustable fastening means attached to the upper, along the forward edge of said slit, near the mouth of the shoe and cooperating fastening means attached to the rearward portion of the upper to engage said adjustable fastening means.

2,106,651

COIN CHUTE

George L. Cherry, Western Springs, and Valentine H. Dupre, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York

Application August 14, 1936, Serial No. 95,994
5 Claims. (Cl. 232—44)

3. A multi-channel coin chute for telephones, comprising a member having open coin channels formed in one side thereof, a cover member for retaining coins in said channels, a plurality of elements carried by one of said members, each having a shouldered end portion, the other of said members having elongated slots interlocking with said shouldered elements to hold said members in predetermined assembled relation, and a projection on one of said members arranged to engage in a slot formed in the other of said members when said members are interlocked for locking the members together.

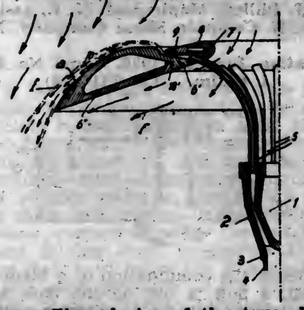


2,106,652

PROPELLING DEVICE

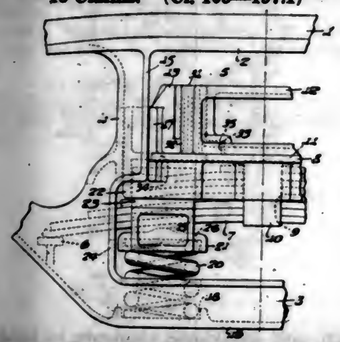
Henri Coanda, Clichy, France, assignor to Société Anonyme d'Etudes des Brevets et Procédés Coanda-Société Coanda, a corporation of France

Application January 10, 1936, Serial No. 58,471
In France January 15, 1935
10 Claims. (Cl. 244—72)



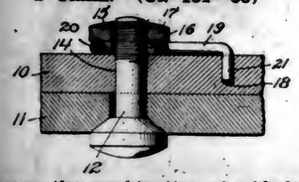
1. A propelling device of the type described, which comprises, in combination, a body, an annular member rigid with said body at the front part thereof, another annular member rigid with said body, coaxial with the first annular member and located ahead thereof, so as to leave between said members a narrow annular interval with a flaring outlet opening to the atmosphere in a frontward direction, the rear edge or lip of said outlet, formed by the front surface of the first mentioned annular member, being of rounded shape starting tangentially to said frontward direction on the outer side thereof, with its convexity toward the front, whereas the front edge or lip of said outlet, formed by the front surface of the second mentioned annular member, starts at an angle to said direction on the inner side thereof, and means for driving out a fluid under high pressure through said annular outlet.

2,108,653
RAILWAY TRUCK
Glenn F. Couch, Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Application November 2, 1934, Serial No. 751,203
13 Claims. (Cl. 105—197.1)



7. In a railway truck, in combination, a side frame formed with compression and tension members spaced at intermediate portions by guide columns, leaving a bolster opening therebetween, a semi-elliptic spring supported by means of said tension member, coil springs supported one between each end and the center of said semi-elliptic spring and vertically disposed with respect to said spring, a bolster, a bolster-supporting saddle casting upheld under light load by said semi-elliptic spring only and by all of said springs upon sufficient increase in the bolster load.

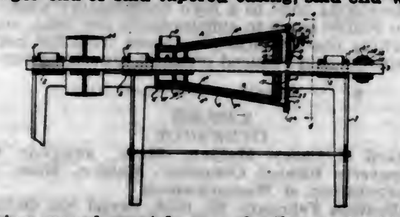
2,108,654
NUT LOCK FOR SHEARS AND THE LIKE
Charles J. Dalley, Maplewood, N. J., assignor to The W. H. Compton Shear Company, Newark, N. J.
Application June 24, 1936, Serial No. 86,946
1 Claim. (Cl. 151—38)



In a shears, the combination of a blade receiving a bolt, a bolt, a nut on the bolt, said nut having a circular part on its exterior, and a wire clip having a loop on one end, said loop having a normal inside diameter slightly less than the diameter of the circular part of the nut, the blade having a recess in it, the wire having its other end formed into a stud to enter the recess and act to hold the clip against turning when the nut is screwed on the bolt and the circular part of the nut spreads the loop into gripping relation with the nut.

2,108,655
DEGERMINATOR
Henry Clay Dempsey, Decatur, Ill., assignor to The Beall Improvements Company, Inc., Decatur, Ill., a corporation of Illinois
Application June 29, 1936, Serial No. 87,966
1 Claim. (Cl. 83—31)

A degerminator comprising a supporting frame, a shaft supported for rotation by said frame, a tapered cylinder mounted on said shaft and rotatable therewith, a tapered casing which encloses said cylinder, the circumferential face of said tapered cylinder and the adjacent wall of said casing being spaced apart from each other to provide a space through which the grain being treated passes, cone-shaped projections on said spaced apart faces of said tapered cylinder and said tapered casing, an end wall at the larger end of said tapered cylinder, an end wall at the larger end of said tapered casing, said end walls



being spaced apart from each other and said end wall of said casing having a discharge opening formed therein at a point above said shaft, projections extended into said space between said end walls of said tapered cylinder and tapered case from both of said elements, a gate for controlling passage of grain through said discharge opening, and means for hingedly supporting said gate in such manner that it may be opened by pressure thereagainst of grain within the apparatus.

2,108,656
OVERSHOE OR GALOSH
Joaquin de Neronha, Rio de Janeiro, Brazil
Application October 2, 1935, Serial No. 43,166
In Brazil November 1, 1934
5 Claims. (Cl. 36—7.3)



1. A rubber galosh adapted to be put upon the outside of a leather shoe and comprising the combination, with a sole portion, of an oversized upper which is maintained out of contact with the vamp of said shoe when the galosh is in position on the shoe, and a web of live resilient rubber upon said oversized upper disposed across the top of the shaft thereof, said web having an aperture at the middle approximately half as large as the aperture in a conventional or known type of galosh.

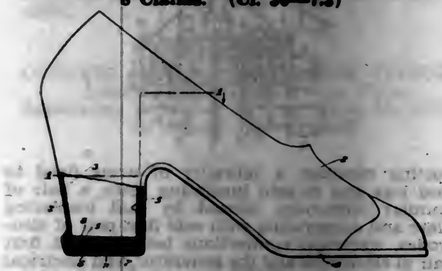
2,108,657
SHOE FORM
William J. De Witt, Auburn, N. Y., assignor to Shoe Form Co., Inc., Auburn, N. Y., a corporation of New York
Application September 5, 1935, Serial No. 39,281
5 Claims. (Cl. 12—128.1)



1. A shoe form comprising a hollow walled toe member and a back part member, the rearward

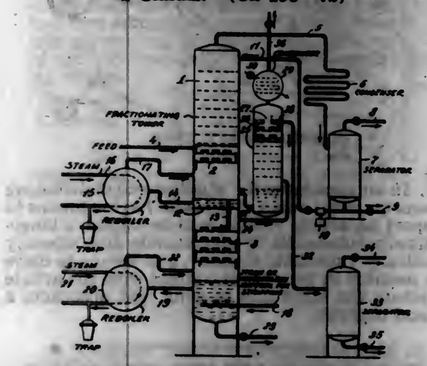
end of the back part member being adapted to engage the heel counter of a shoe, the toe member including a cone and the back part member having its forward end secured to the cone and including an intermediate portion which rests upon the inner sole of a shoe, when the form is inserted therein, whereby the back part member in engagement with the heel counter tends to elevate the cone of the toe member.

2,108,658
RUBBER OVERSHOE
Ernest W. Dunbar, Hudson, Mass., assignor to Cambridge Rubber Co., Cambridge, Mass., a corporation of Massachusetts
Application June 17, 1936, Serial No. 85,707
8 Claims. (Cl. 36—7.3)



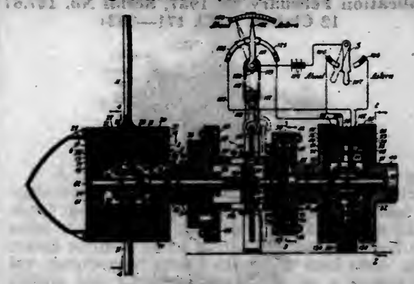
1. A rubber overshoe having a rubber-covered heel structure, a metal plate in the bottom of the heel cavity, and a tongue extending from said plate and anchored in said heel structure, said tongue being offset from the plane of the plate and extending under the plate across a substantial part of the horizontal dimension of the heel.

2,108,659
METHOD AND APPARATUS FOR DISTILLATION
George S. Dunham, Augusta, Kans., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Application August 17, 1935, Serial No. 36,626
2 Claims. (Cl. 196—72)



1. A process for the fractional distillation of hydrocarbons comprising the steps of establishing a stream of material to be fractionated which is heated to a temperature at which it is at least partially vaporized, introducing said stream to a fractionating tower at a point between the ends thereof, rectifying the vapors from said stream by contact with controlled reflux in the portion of the fractionating tower above the point of feed, collecting the liquid portion of the stream in a pool below the point of feed, supplying heat to said pool, permitting liquid from said pool to pass to the stripping section of the fractionating tower without permitting stripping section vapors to enter the rectification section, stripping the light constituents from said liquid in said stripping section by contacting the liquid with a vaporous stripping medium, supplying heat to the lower portion of the stripping section, cooling the stripping section vapors to enable separation from them of the said light constituents as a condensate, subjecting said condensate to controlled fractionation, returning said condensate to the pool maintained in the main tower below the point of feed, and separately removing the stripping medium from the system without permitting its entry into the rectification section.

2,108,660
VARIABLE PITCH AND REVERSING PROPELLER MECHANISM
Stephen A. Farrell, Brooklyn, N. Y., assignor to Acme Propeller Corporation, New York, N. Y., a corporation of New York
Application March 1, 1935, Serial No. 8,952
Renewed October 14, 1936
3 Claims. (Cl. 74—291)



1. In a variable pitch and reversible propeller mechanism, in combination, a rotatable shaft, an intermediate rotatable shaft in axial alinement with the first shaft, a hollow propeller driving shaft through which the first and intermediate shafts extend, speed changing means connected with all of said shafts to change the speed of the first shaft with respect to the driving shaft, and means connected with the intermediate shaft and driving shaft to operate the speed changing means, to cause the first shaft to rotate in the same direction as the driving shaft but faster, or in a reverse direction thereto, in response to the direct rotation of the driving shaft.

2,108,661
APPARATUS FOR PURIFYING AND AGING LIQUOR
Louis H. Farrier and Richard H. Harlin, Poughkeepsie, N. Y.
Application December 13, 1935, Serial No. 54,169
1 Claim. (Cl. 99—277.1)

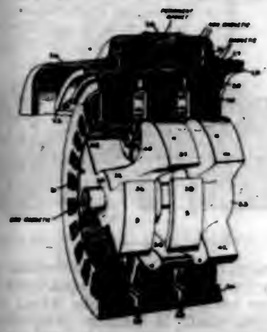
A device for maturing, purifying, and flavoring alcoholic liquors, comprising in combination with a container for the liquor having a neck, of a charred oak wood tubular member closed at the lower end and open at the upper end, means for detachably securing the same within the neck of the container, a purifying and aging compound contained within said tubular member, a plug secured in said tubular member above the

compound, and ducts formed in the wall of said tubular member between said plug and the open



end of the member to establish communication between the interior of the container and its neck through said member.

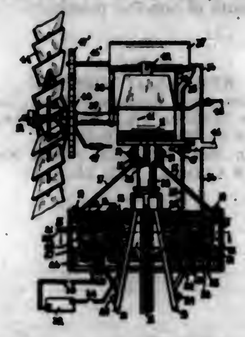
2,106,662
INDUCTOR DYNAMO-ELECTRIC MACHINE
Alec Fisher, Lynn, Mass., assignor to General Electric Company, a corporation of New York
Application February 25, 1937, Serial No. 127,677
12 Claims. (Cl. 171—252)



1. An inductor-type dynamo-electric machine comprising a plurality, greater than two, of stator elements in axial alignment, a magnetic connection between the peripheries of the outer stator elements, the inner stator element or elements being magnetically segregated from the outer stator elements, and a salient pole rotor structure for said machine providing excitation flux paths from one end stator element to the other end stator element by way of the inner stator element or elements.

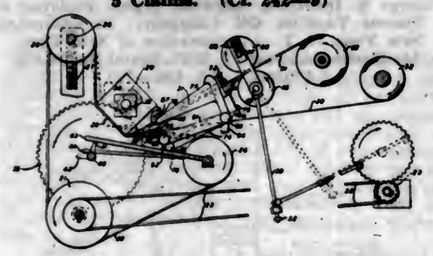
2,106,663
ELECTRODE FOR WINDMILL GENERATORS
Herman Folkers, Omaha, Nebr.
Application November 25, 1936, Serial No. 112,773
2 Claims. (Cl. 290—44)

1. In an apparatus of the character described, a mast having a plurality of supporting legs, a rotatable sleeve carried by the mast, a paddle wheel adapted to be rotated by wind pressure and carried by said sleeve, a generator having an armature and carried by said sleeve, said wheel geared to the armature of said generator for producing electrical energy, a storage battery for said energy disposed remotely from said mast, a supporting member having an aperture for receiving said legs of the mast and so shaped as to have locking engagement with said legs, a horizontally disposed plate supported by said supporting member, a housing carried by said plate, a plurality of arms connected to said housing and to said sleeve, a pair of annular ring electrodes carried by said plate, a plate of insulating material surrounding said legs of the mast below said sup-



porting member, a plurality of arms fixed to said legs and to said insulating plate, a pair of annular electrodes carried by said insulating plate and cooperating with said first pair of electrodes, electrical connections between said first pair of electrodes and the generator, and electrical connections between the second pair of electrodes and the battery.

2,106,664
APPARATUS FOR WINDING MATERIAL
Erwin E. Franz, Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Original application February 9, 1935, Serial No. 5,743. Divided and this application December 11, 1935, Serial No. 53,957
5 Claims. (Cl. 242—9)

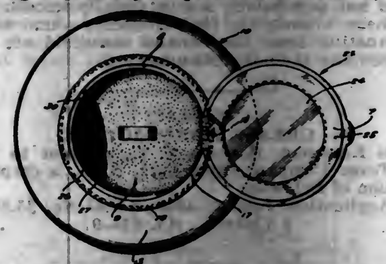


1. In an apparatus for winding and distributing strand material on an article and having means to support an article rotatably to be wound, a longitudinally substantially inextensible and laterally elastically extensible member, and means to drive the member in peripheral contact with the article to rotate the same and to wind and distribute a strand thereon.

2,106,665
VANITY CASE CONSTRUCTION
Thomas M. Gibson, North Attleboro, Mass., assignor to Evans Case Company, North Attleboro, Mass., a corporation of Massachusetts
Application August 13, 1935, Serial No. 35,922
5 Claims. (Cl. 132—82)

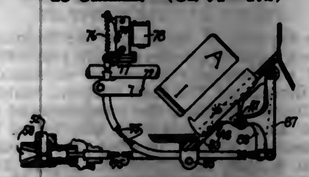
1. As an article of manufacture, a powder sifter

having a plurality of perforations therein, the



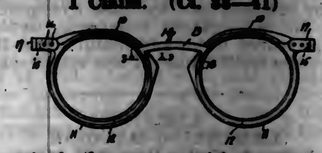
edges of said perforations having sharp cutting edges.

2,106,666
CONTROL SYSTEM FOR MOTOR VEHICLES
Edwin S. Hall, New Haven, Conn.
Application December 26, 1933, Serial No. 703,959
15 Claims. (Cl. 74—472)



1. A vehicle control system comprising, in combination, an internal combustion engine, means for controlling the fuel feed to said engine, a continuously variable transmission, means for controlling the drive ratio of said transmission, a centrifugal governor responsive to engine speed and operably connected to said drive ratio controlling means to vary the drive ratio of said transmission as a means of maintaining the speed of said engine at a uniform rate, hydraulically operable means for adjusting said governor to cause it to maintain the speed of said engine at a higher rate, an accelerator operable by the driver to accelerate said vehicle, cams associated with said accelerator, a cam follower operably connecting one of said accelerator cams to said fuel feed controlling means, a cam follower operably connecting another of said accelerator cams to said hydraulically operable governor adjusting means.

2,106,667
SPECTACLE FRAME
Moses H. Harris, New York, N. Y.
Application January 15, 1936, Serial No. 59,208
1 Claim. (Cl. 88—41)



A spectacle frame comprising a pair of non-metallic rims, each rim having its front face formed with a groove extending circumferentially about the rim in spaced relation to inner and outer marginal edges thereof and a recess in its outer end portion leading from the groove, a continuous metal reinforcing ring seated in the groove of each rim and having their inner end portions provided with rearwardly extending pins passing through the rim from the bottom of the groove, a tongue extending from the outer end of each ring and countersunk in the recess of the rim, a bridge extending between said rims and having its ends joined to the rings in close proximity to said pins, and hinge members for bows having forks straddling the outer end portions of the rims and secured by pins passing through the rims and the tongues of the rings.

2,106,668
MECHANICAL PENCIL
Paul S. Hauton, Atlanta, Ga.
Original application August 21, 1929, Serial No. 387,542. Divided and this application September 21, 1932, Serial No. 634,099
5 Claims. (Cl. 120—18)



2. A method of producing a mechanical pencil including laterally bending edges of a thin flat sheet metal strip to form thin flanges along each edge of the strip, then tightly coiling the flanged metal strip to form an internally threaded tubular member of small diameter and then snugly fitting the tightly coiled tube in a casing bore, the bore being of substantially the same diameter as the outside diameter of the tubular member whereby the tubular member is prevented from uncoiling and the edges of the coils are maintained in contact.

3. A mechanical pencil comprising a casing having a reduced cylindrical end, the cylindrical end forming a shoulder and an axial internally threaded bore in the casing coextensive with the casing and reduced end, a slotted rotatable feed tube in the casing bore having a split end forming locking prongs, an inverted thimble journalled on said reduced end, having an opening engaged by said prong to lock the thimble and slotted tube together, the lower circumferential edge of the thimble riding on the shoulder, and a manually operable sleeve of substantially the same outside diameter as the casing frictionally fitting the outside of said thimble and projected above the upper end thereof to conceal the end of the thimble.

2,106,669
TOY GUN
Frank L. Johnson, Akron, Ohio
Application October 2, 1936, Serial No. 103,657
10 Claims. (Cl. 124—16)

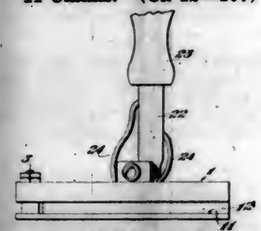
1. In a toy gun of the character described, the combination of a member constituting the butt of the gun, and a member constituting the barrel thereof, said barrel member being slidably mounted in said butt member and comprising

means for holding an elastic band under tension, said band being disengaged from said barrel



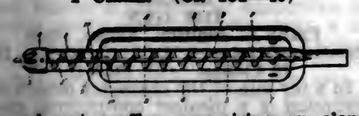
member by movement of the barrel member as a whole relatively of the butt.

2,108,670
APPARATUS FOR LASTING SHOES
Jacob Simon Kamborian, West Newton, Mass., assignor to Northern Machine Co., Inc., Waltham, Mass., a corporation of Massachusetts
Application June 7, 1935, Serial No. 25,407
11 Claims. (Cl. 12—107)



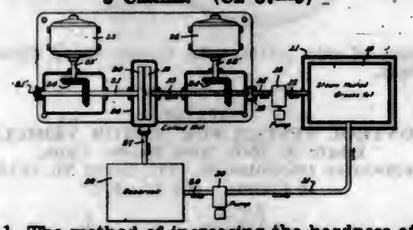
1. A pressure applying tool for use in a lasting machine including last supporting means and actuating devices movable toward the last bottom and also toward the median line of the last from opposite sides of the latter, said pressure applying tool comprising a pair of complemental curved elongate narrow members each shaped to conform substantially to the contour of the margin of one side of the forepart and toe portion of an insole, means so uniting said members as to permit them to move toward and from each other thereby to vary the effective width of the tool, means for heating said curved members, each of said members having a substantially flat bottom surface and being devoid of provision for attaching it to the insole, each member having a recess for the reception of one of said actuating devices of the lasting machine, whereby the constituent curved members of the pressure applying tool may be moved toward the bottom of a shoe mounted on the last and concomitantly caused to approach each other thereby to flatten and wipe in the margins of the shoe upper.

2,108,671
MUFFLER OF INTERNAL COMBUSTION ENGINES
Kihachi Kato, Tokyo, Japan, assignor of seven-tenths to Gonsaburo Ishibashi, Tokyo, Japan
Application December 27, 1934, Serial No. 759,334
In Japan December 27, 1933
1 Claim. (Cl. 181—49)



An exhaust muffler comprising an elongated cylindrical tube, a rod in said elongated tube, a helical plate around said rotatable rod, said helical plate being centrally corrugated adjacent said rod and having a substantially smooth periphery, whereby the high frequency sound waves emanating from the exhaust manifold are reduced and the noise extinguished.

2,108,672
GREASE MANUFACTURE
Gus Kaufman, Beacon, N. Y., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application June 7, 1935, Serial No. 25,361
3 Claims. (Cl. 87—9)



1. The method of increasing the hardness of a soda base grease of fibrous texture and water content not substantially in excess of about 1.5%, without increasing the soap content, which comprises, after completing the operations of saponifying the fat and mixing with mineral oil to form a homogeneous grease, passing the homogeneous grease in a thin film between highly rotating, closely spaced smooth surfaces where the grease is thrown outwardly by centrifugal force while being subjected to a shearing action, with resultant substantial decrease in the A. S. T. M. penetration of the grease, and then passing the grease without further treatment to a zone of collection for packaging for use.

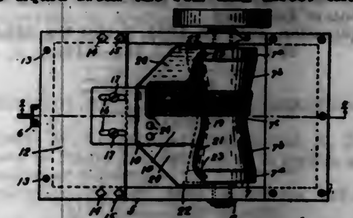
2,108,673
MANUFACTURE OF RUBBER AND RUBBER-LIKE ARTICLES
Walter Kay, Bury, England, assignor to Kaysam Corporation of America, Dover, Del., a corporation of Delaware
No Drawing. Original application November 1, 1932, Serial No. 640,650. Divided and this application July 6, 1935, Serial No. 30,169. Renewed June 2, 1937. In Great Britain November 5, 1931
3 Claims. (Cl. 18—50)

1. In a process of making an article of rubber, the steps comprising mixing with concentrated, or thickened aqueous dispersion of rubber containing magnesium oxide and trisodium phosphate, ammonium chloride providing sufficient positively charged ions to cause irreversible setting of the mix without syneeresis, casting the mix to a desired form, and maintaining the mix in such form until it has set to a stable condition.

2,108,674
CEMENTING MACHINE
Irving L. Keith, Haverhill, Mass.
Application December 12, 1935, Serial No. 54,188
3 Claims. (Cl. 12—30)

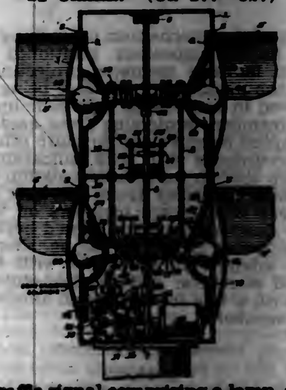
1. In a machine for the purpose described, a liquid containing tank, a roll mounted to rotate therein about a horizontally disposed axis, with its lower portion submerged in the liquid, means to rotate said roll continuously in one direction, to provide a film of liquid on an unsubmerged portion of its surface, and a scraper comprising

a horizontally extending plate having its edge in operative engagement with the downgoing side of the roll and arranged to extend from the roll at an upward inclination in position to remove liquid from the roll and direct the flow



thereof away from the roll and toward the top side of the scraper in a stream of substantial depth, said scraper being arranged to provide a discharge passage back into the tank at a substantial distance from the roll.

2,108,675
TRAFFIC SIGNAL LIGHT
Joseph Kiss, River Forest, Ill.
Application July 26, 1935, Serial No. 33,228
11 Claims. (Cl. 177—327)



1. A traffic signal comprising a lamp, a reflector mounted behind said lamp, said reflector having a circular peripheral margin and said lamp being mounted concentrically with respect to said margin, means to energize the lamp for operation throughout a predetermined interval during the operating cycle of the signal, said lamp being inactive during a succeeding portion of said operating cycle, said reflector comprising a rotatable dished element, said reflector being mounted in position with respect to the lamp and shaped to reflect light from said lamp forwardly, means to rotate the reflector about an axis located centrally of said peripheral margin, and means carried by and rotating with said reflector and operable to provide a visible index circulating about the lamp and affording a visual indication of the progress of the operating cycle of the signal.

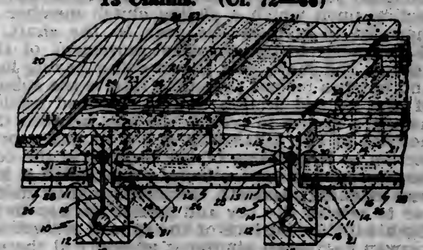
2,108,676
OSCILLATION RESTRAINT MECHANISM FOR LOCOMOTIVES OR CARS
Ole K. Kjelseth, Erie, Pa., assignor to General Electric Company, a corporation of New York
Application July 30, 1936, Serial No. 93,849
11 Claims. (Cl. 105—174)

11. A locomotive or car having a main supporting frame, an auxiliary truck having a frame, laterally movable means for supporting said main supporting frame on said auxiliary truck frame, and means including an oscillation restraint mechanism connected to an end of said auxiliary truck frame and having a laterally fixed



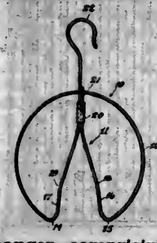
and longitudinally and vertically translatable non-load transmitting connection to said main supporting frame, said non-load transmitting connection including a universal joint longitudinally fixed with respect to said main supporting frame.

2,108,677
PRECAST FLOOR CONSTRUCTION
Henry O. Klotz, Bethel, Conn.
Application March 21, 1936, Serial No. 70,093
13 Claims. (Cl. 72—66)



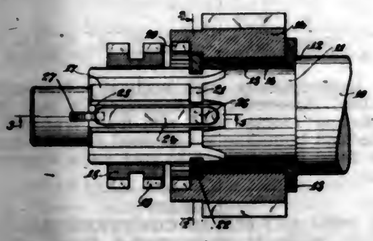
12. A roof or floor construction comprising a girder including a pair of precast cementitious joists each having side shoulders intermediate its height, floor joists at the sides of said girder and having their ends resting on the outer shoulders of the girder joists, tie bars extending from said floor joists into the space between the girder joists, and a cementitious filler in said space and enclosing said tie bars and securing all the parts together.

2,108,678
HAT HANGER
Ferdinand Kulhawy, West New York, N. J.
Application November 16, 1936, Serial No. 110,993
2 Claims. (Cl. 211—32)



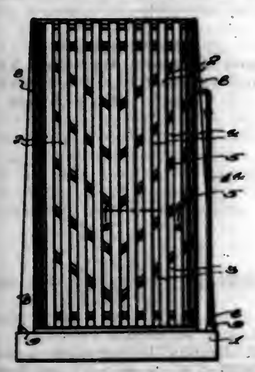
1. A hat hanger comprising a compressible member formed of a loop of resilient material, said loop being of a size and shape to engage and exert pressure against the inside of a hat throughout the greater portion of the circumference thereof when compressed, the ends of said loop being spaced apart to permit compression of the loop, and the ends of said loop extending outwardly from the loop at an angle to provide a handle for compressing the loop and having a hook connected to the handle whereby the hanger may be suspended.

2,108,679
THRUST COLLAR
Aladar Kurti, Highland Park, N. J., assignor to Mack Manufacturing Corporation, a corporation of Delaware
Application May 12, 1936, Serial No. 79,291
1 Claim. (Cl. 308—135)



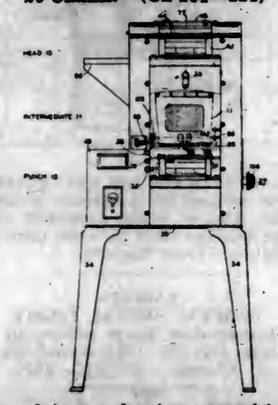
In combination with a shaft having a gear mounted rotatably thereon and having a splined section upon which a sliding clutch member is mounted to connect the gear to the shaft, a thrust collar to prevent axial movement of the gear on the shaft, said thrust collar having lugs and notches formed therein to receive the splines of the splined section and the splined section having a groove to receive the lugs between the notches of the collar, and a key having a projection to engage one of the notches in the collar, the splined section being formed with a key way extending beneath the sliding clutch member to receive the key and permit the key to lie flush with the surface of the splined section the keyway having an abutment at one end thereof to prevent axial motion of the key, whereby the sliding clutch member will hold the key in position.

2,108,680
COOLING TOWER
Ray Lakey, Denton, Tex.
Application October 1, 1936, Serial No. 103,488
4 Claims. (Cl. 261—110)



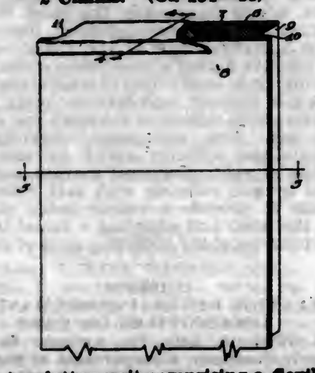
1. A water cooling tower including a wall structure including vertically disposed and relatively spaced baffles constituting outer and inner walls, members disposed in V-formation for separating said walls, to which said baffles are secured, and whose longitudinal upper and lower surfaces are obliquely cut to direct the water inwardly of said tower the contiguous ends of said members being disposed to provide passages to drain the surfaces of said members.

2,108,681
CONVERTING AND TRANSLATING PUNCH
William W. Lasker, Brooklyn, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware
Application July 18, 1933, Serial No. 680,922
20 Claims. (Cl. 164—114)



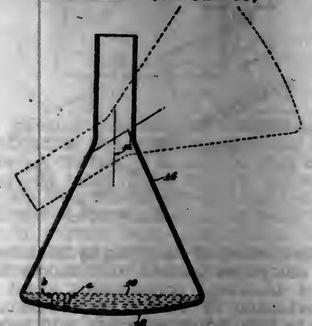
1. A translator mechanism comprising a frame member having oppositely positioned parallel faces, and movable members projecting therethrough, the members of one face being adapted to be moved in accordance with code indications and the members projecting from another face being adapted to move and to move other members in accordance with code indications, and a mechanism therein for code translation comprising members extending from alternate members on one face to adjacent members on the other face, and short members interposed between said first mentioned members having thereon flag members adapted to cooperate with said first mentioned members, and simultaneously to cooperate with a flag member upon another of the through members.

2,108,682
INSULATING MATERIAL
Frank R. Leslie, St. Paul, Minn.
Application December 4, 1936, Serial No. 114,185
2 Claims. (Cl. 154—44)



1. An insulating unit comprising a flexible, vapor permeable, fibrous core, a tubular, flexible, vapor proof envelope enclosing said core and leaving end portions thereof exposed, the end portions of the envelope and the core being coplanar and a coating of viscous vapor proof sealing material over the exposed portions of the core in embedding engagement therewith, said coating extending to the end portions of the envelope in sealing engagement therewith whereby said core is positively supported with respect to said envelope.

2,108,683
METHOD OF MAKING FLUORESCENT SCREENS
Humboldt W. Leverenz, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware
Application May 23, 1934, Serial No. 727,134
8 Claims. (Cl. 91—68)



1. The method of applying a fluorescent screen to a base member therefor, comprising placing in a low viscosity, high surface tension electrolyte solution separate nonaggregate particles of fluorescent material which may be shaken into homogeneous distribution throughout the solution and which will then settle under the influence of gravitational force, said solution being non-reacting with respect to the material, the size of the individual particles being such that their distribution throughout the solution would be influenced substantially in accordance with the physical principles of colloidal phenomena, the solution being characterized by the fact that the ionic dissociation constant of the electrolyte is greater than 10^{-10} whereby the dissociated ions are effective to substantially remove the influence of the physical principles of colloidal phenomena with respect to electrical charging of the particles as they settle, and permitting the particles to settle upon and attach themselves to the base member to form thereon a uniform fluorescent screen.

2,108,684
COFFEE MAKER
John W. Lynch, Chicago, Ill., assignor to Chicago Flexible Shaft Company, Chicago, Ill., a corporation of Illinois
Application August 6, 1936, Serial No. 94,561
4 Claims. (Cl. 210—162)



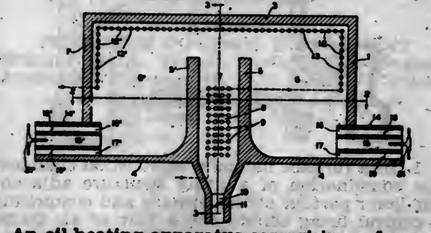
4. The combination in a coffee maker having spaced chambers, and a conduit therebetween having an internal annular shoulder, of a filter comprising a filter fabric in the form of a bag having a drawstring, a resilient frame of wire loops for holding the bag in the shape of a short cylinder, said frame having spring elements positioned and tensioned to snap under said shoulder to yieldingly retain the strainer in position.

2,108,685
STRUCTURAL UNIT
John McDonough, Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York
Application April 10, 1935, Serial No. 15,509
11 Claims. (Cl. 189—34)



9. A structural unit comprising a sheet shaped member, a generally tubular and longitudinally slotted sheet metal edge unit enclosing an edge of the member, and means to secure the edge unit to the member comprising a block having a shape to substantially fill the cross-section of the edge member positioned within the edge unit and attached to the member.

2,108,686
HEATING OF FLUIDS
Lev A. Mekler, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application December 14, 1932, Serial No. 647,167
1 Claim. (Cl. 196—110)

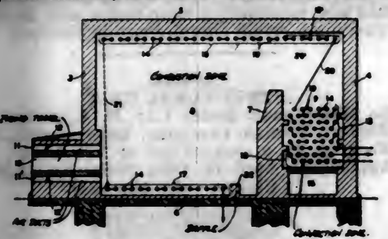


An oil heating apparatus comprising a furnace having side walls, end walls, a roof and a floor, a pair of spaced bridge walls dividing the furnace into two outer compartments and a central compartment, a plurality of horizontally spaced fuel ducts, each provided with a burner, extending through each of said side walls adjacent the floor and adapted to project at least partially burned fuel toward one of said bridge walls, air ducts contiguous to and positioned above and below each of the fuel ducts, means for passing combustion gases from both said outer compartments through the central compartment, heating tubes in each of the outer compartments disposed out of the main path of combustion gases therethrough, and additional heating tubes in the central compartment disposed in the path of the combustion gases therethrough.

2,108,687
HEATING OF FLUIDS
Lev A. Mekler, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application October 24, 1933, Serial No. 694,960
12 Claims. (Cl. 122—356)

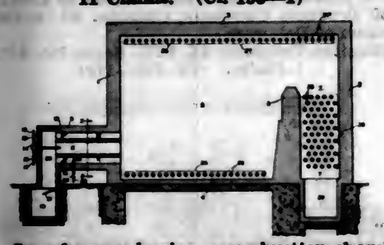
1. In a furnace, for the heating of fluids, having side walls, end walls, a roof and a floor, and

a combustion and heating zone, the combination of a firing tunnel communicating with said combustion and heating zone, through which a partially or completely burned fuel-air mixture is supplied thereto, means for separately introduc-



ing regulated quantities of additional air to the combustion and heating zone above and beneath the firing tunnel, a fluid conduit located adjacent the roof of the furnace, and a fluid conduit located adjacent the floor of the combustion and heating zone.

2,106,688
FURNACE
Lev A. Mekler, Chicago, Ill., assignor to Universal Oil Products Company, Chicago, Ill., a corporation of Delaware
Application October 12, 1934, Serial No. 748,246
11 Claims. (Cl. 158—1)



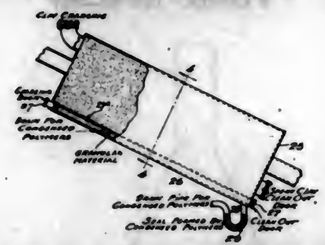
1. In a furnace having a combustion chamber, the combination of a firing structure adjacent the lower portion of the furnace and comprising a central firing tunnel and a pair of air ducts, one disposed above and the other below the central tunnel, means for supplying a controlled mixture of combustible fuel and air through said central firing tunnel to said combustion chamber of the furnace and means for separately supplying independently controlled amounts of additional air to the combustion chamber through each of said air ducts.

2,106,689
COLLAPSIBLE TUBE
Hugo Meck, New York, N. Y.
Application February 10, 1937, Serial No. 125,013
9 Claims. (Cl. 221—60)



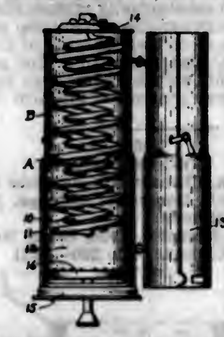
1. A collapsible tube having a cylindrical body and a rounded bottom closing said tube and integral with said body, the ends of the open portion of said tube being compressed together, said ends having confronting bulged portions, a clamping piece forcing said ends together in parallel relation, and an opening in said clamping piece alining with said bulged portions by which the contents of said tube may be extruded.

2,106,690
METHOD FOR VAPOR PHASE TREATMENT OF PETROLEUM DISTILLATES
Henry S. Montgomery, South Pasadena, Calif., assignor of one-half to Alfred W. Knight, San Marino, Calif.
Application March 30, 1932, Serial No. 602,096
5 Claims. (Cl. 196—96)



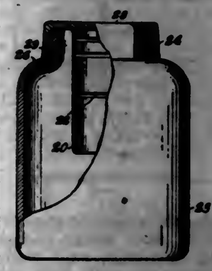
1. The method of purifying hydrocarbon vapors which comprises passing such vapors through a body of adsorbent polymerizing agent to cause polymerization of certain constituents of said vapors to form liquid polymers, said vapors being caused to pass through said adsorbent body in such manner as to cause said liquid polymers to drain from said body through paths shorter than the vertical free-fall path of the polymers and at an angle to said vertical free-fall path, said adsorbent body being disposed at an angle to the vertical and inclined to the horizontal, and said vapors being passed through said body in an upward direction.

2,106,691
WATER HEATER
Joseph F. Mustee, University Heights, Ohio
Application August 8, 1936, Serial No. 95,010
3 Claims. (Cl. 122—250)



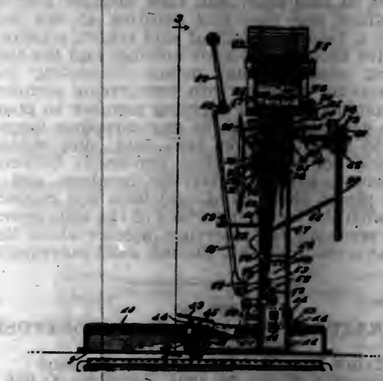
1. A baffle comprising a body portion or plate substantially the shape of a disc having a cut out portion in one edge, and a resilient member projecting from one side of said plate, said plate adjacent to but at one side of the cut out portion being raised above the general plane thereof and at the other side of the cut out portion being depressed below the general plane of the plate.

2,106,692
CONTAINER CLOSURE
Carl Edward Pleak, Covington, Ky.
Application May 9, 1935, Serial No. 20,637
16 Claims. (Cl. 221—147)



1. An integral combination comprising a jar cap, a depending flange thereon, internal threads on the flange thereof, a measuring cup depending from the inner head surface thereof and equi-distant from the flange, said cup being thin and flexible, the entire combination being molded of synthetic organic resin material and adapted to seal a jar by pressure of the inner head surface of the jar cap on the top edge of the jar.

2,106,693
TRAP DRUM, CYMBAL, AND TRIANGLE BEATER
Jesse M. Sewell, Villegreen, Colo., assignor of one-half to Ole E. Sewell, Leadville, Colo.
Application November 4, 1935, Serial No. 48,220
4 Claims. (Cl. 84—423)



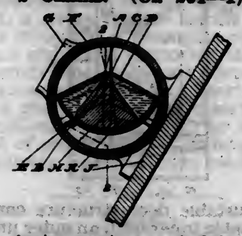
1. In a device of the class described, a platform, a hollow column having slots and secured to and extending upwardly from the platform, a beater pivoted at the lower end on the column and extending upwardly along the front of the column, a drumstick secured to the beater, a beater pivoted at the lower end on the column and extending through said slots in the column to project from the rear of the column, lever mechanism operatively connecting both beaters together, and a spring controlled pedal pivoted on the platform and operatively connected to said lever mechanism for actuating the beaters simultaneously.

2,106,694
ARTICLE FEEDING DEVICE
Alexander M. Smith and Lawrence H. Strayer, Kent, Ohio, assignors to The Lamson & Sessions Company, Cleveland, Ohio, a corporation of Ohio
Application October 6, 1936, Serial No. 104,251
2 Claims. (Cl. 10—167)



1. In article feeding apparatus, a hopper, a conveying means extending therefrom, a pair of reciprocable members operable to deliver articles from the hopper to the conveying means, and means for limiting the stroke of one of said members to render the same ineffective and thereby reduce the rate of feed.

2,106,695
PENDULUM CONTROL INSTRUMENT
William Tapley, Totton, Southampton, England
Application February 26, 1937, Serial No. 128,036
In Great Britain March 5, 1936
2 Claims. (Cl. 264—1)

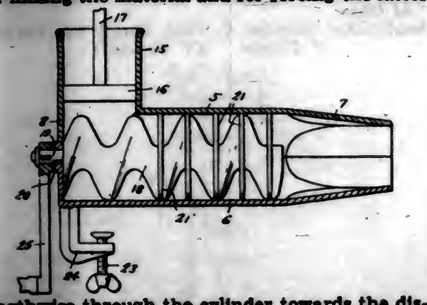


1. In an instrument operated by movements of a magnetic pendulum relative to a fixed element of the instrument, a non-magnetic mass attached to the magnetic pendulum for causing the pendulum to assume positions under the action of gravity that the magnetic poles of said pendulum will, throughout their movements, be retained remote from any exterior magnetic substance near or upon which the instrument may be mounted.

2,106,696
MIXING AND MOLDING DEVICE
Franklin M. Troutner, San Jose, Calif.
Application October 24, 1935, Serial No. 46,595
Renewed November 2, 1937
2 Claims. (Cl. 31—25)

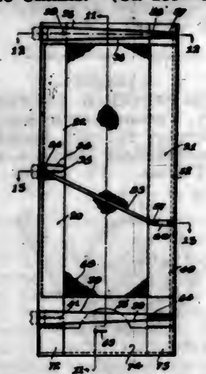
1. In a device of the character described, an elongated cylinder having a tapered end terminating in a substantially square discharge opening, a hopper connected with the cylinder at the

end remote from said discharge opening, a plunger mounted for reciprocation in the hopper for forcing material from the hopper into the cylinder, an auger rotatably mounted in the cylinder for mixing the material and for forcing the latter



lengthwise through the cylinder towards the discharge end of the latter, a plurality of perforated disks mounted in spaced relation in advance of the discharge end of the auger and through which the material is forced to pass, and means interfitting said disks with the vanes of the auger.

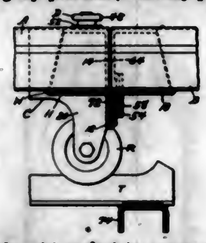
2,108,697
DOOR STRUCTURE
Arthur A. Van Atta, Marion, Ohio
Application April 20, 1936, Serial No. 75,469
13 Claims. (Cl. 189—46)



1. An adjustable door structure comprising a bodily adjustable inner unit, an outer unit adapted to be hinged to a support having a door opening and including superposed means for extension across the door opening in spaced relation to the support, said inner unit arranged rearwardly of the outer unit for closing the door opening, said units having oppositely disposed spaced coacting means to permit the bodily adjusting of the inner unit relative to the outer unit and for detachably securing the inner unit in its adjusted position against the rear of the outer unit.

2,108,698
SHAKER CHUTE CONSTRUCTION
Charles F. Walp, Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey
Application July 31, 1935, Serial No. 34,021
8 Claims. (Cl. 198—220)

2. In a shaker chute, abutting trough sections, a trough conforming element secured to one of the sections, means secured to said element to provide an upwardly opening tapered socket, a second trough conforming element secured to the other trough section and formed with a downwardly tapering lip portion, said lip portion being



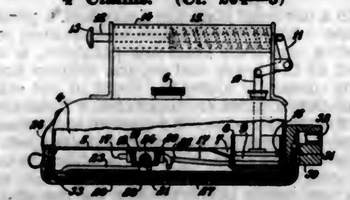
engageable with said socket to connect the trough sections together, and wedge members carried by one of said elements, said wedge members being also engageable with said other element to force the lip and socket into trough connecting position.

2,108,699
BORING BAR
Fritz Walther, Plauen i. V., Germany
Application July 31, 1935, Serial No. 34,086
In Germany August 11, 1934
4 Claims. (Cl. 77—56)



1. A boring bar for operation between two centers comprising a driving member, a tool carrying member having an axial bore at one end in which one of the centers engages a slide member in said bore, said slide member having an inclined side face and abutting at one end against a flattened point of said center, a spring operative between the slide member and the tool carrying member, joint means connecting the tool carrying member with the driving member and enabling the tool carrying member to pivot in the driving member in any direction transverse to their common axis, said joint means providing for limited axial movement between said driving and tool carrying members, and a thrust pin in the wall of said bore and cooperating with the inclined surface of the slide member to pivot the tool carrying member about the joint as a result of said limited axial movement.

2,108,700
APPARATUS FOR THE ELECTRODEPOSITION OF METALS
Ralph Harold Adey, London, England
Application March 26, 1936, Serial No. 71,035
4 Claims. (Cl. 204—5)



1. A device for use in effecting the electrodeposition of metal comprising as a unitary

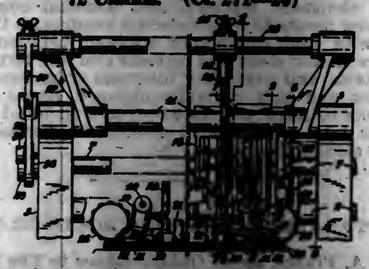
structure, an electrode formed from the metal to be deposited, an absorbent pad adapted to come between said electrode and the surface receiving the deposit, a reservoir for an appropriate electrolyte on which reservoir said pad and said electrode are mounted, a pair of conduits having delivery openings situated at different positions with respect to the absorbent pad, manually operable pump means integral with said reservoir for transferring the electrolyte from the reservoir through said conduits to the absorbent pad and a gravity operable valve capable of occupying either one of two different positions for rendering inoperative either one or the other of said pair of conduits, accordingly as the device is held in one position or another.

2,108,701
MECHANICAL SEAL
Walter Edward Amberg, Chicago, Ill., assignor to Fred Milton Friedloh, Chicago, Ill.
Application July 13, 1936, Serial No. 90,209
2 Claims. (Cl. 286—11)



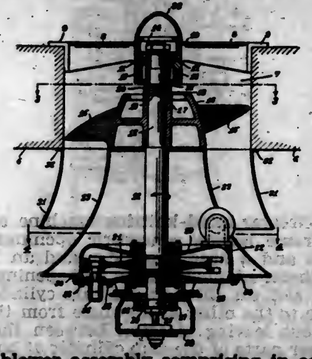
1. A sealing device for a rotary shaft comprising a stationary bushing surrounding the shaft, a thrust bearing plate surrounding the shaft adapted to engage one end of the bushing to establish a seal therewith and having a pitched propeller blade adapted when the bearing plate is rotated to act upon a fluid in which said device is immersed to advance the bearing plate against the proximate bushing end, and a flexible sealing and driving connection between the plate and shaft whereby the former is caused to rotate with the latter.

2,108,702
AUTOMATIC SHEET FEEDING MACHINERY
Headley Townsend Backhouse, St. John's Wood, London, England
Application August 4, 1934, Serial No. 738,500. Renewed February 25, 1936. In Great Britain October 26, 1933
72 Claims. (Cl. 271—20)



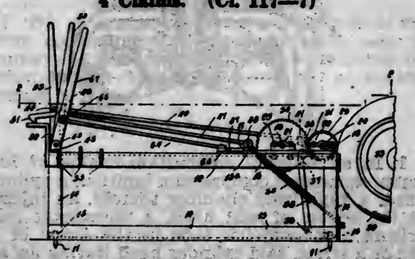
1. A sheet-feeding machine comprising means for supporting a pile of sheets, a set of suction devices mounted above the pile, means to cause the suction devices first to move downwardly towards the pile and to grip the uppermost sheet and then, while gripping the sheet, to move upwardly from the pile to lift the sheet, a set of arms pivoted for oscillation about an axis remote from the pile, a set of levers pivoted to the arms remote from the axis aforesaid, a frame member on which the levers slide and a second set of suction devices carried on the levers, above the pile, and arranged to receive and grip the sheet lifted by the first set towards the end of the lifting movement, and means to oscillate the arms about the axis aforesaid to cause forwarding movement of the suction devices while gripping the sheet and return movement after the sheet has been released, the frame member being remote from the connections of the levers to the arms so as to maintain the axes of the suction devices at a substantially constant angle to the plane of the pile.

2,108,703
BLOWER DRIVE AND SUPPORT
Oliver D. H. Bentley, Norfolk, Mass., assignor to B. F. Sturtevant Company, Inc., Boston, Mass.
Application December 7, 1935, Serial No. 53,369
7 Claims. (Cl. 230—116)



1. A blower assembly comprising in combination, a vertical shaft, blower blades mounted on said shaft, a steam turbine having rotating and stationary structure, a bearing around the lower end of said shaft and supported thereby, means for supporting the stationary structure of said turbine around and from said bearing, means for preventing the rotation of said stationary structure around said bearing, a thrust bearing at the upper end of said shaft, and means for supporting said blower assembly from said thrust bearing.

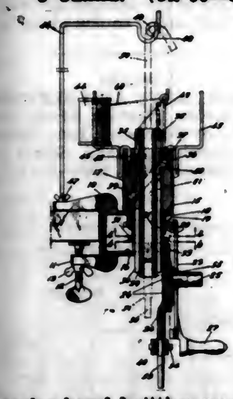
2,108,704
ROPE MAKING MACHINE
William L. Butcher, Decorah, Iowa
Application March 25, 1937, Serial No. 133,049
4 Claims. (Cl. 117—7)



1. A machine of the class described provided with twisting hooks, shafts operating said hooks, means to operate one of the shafts, gearing to

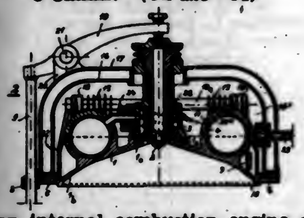
drive one shaft from the other and in the opposite direction, one of said shafts having a driving drum thereon for frictional contact with a driving wheel, and brake means co-acting with the drum.

2,108,705
CIRCULAR HAND-KNITTING MACHINE
Sampson Breadwin, Brooklyn, N. Y., assignor to Almadie Knitting Machine Co., Inc., Brooklyn, N. Y., a corporation of New York
Application April 21, 1936, Serial No. 75,595
5 Claims. (Cl. 66—8)



1. A circular hand-knitting machine comprising a frame having concentric openings therethrough and a needle cylinder and an integral cam cylinder adapted to fit in said openings, there being a slot cut through the cam cylinder from one side to the other at an angle from the horizontal but leaving material between the upper and lower parts of the cam cylinder at both sides thereof to act as a complete cam path for the needle butts, in combination with a metal insert in said slot to provide bearing surfaces for the butts.

2,108,706
CYLINDER HEAD FOR INTERNAL COMBUSTION ENGINES, FOR THE PREVAPORIZATION OF LIGHT FUEL AND FOR CRACKING OF HEAVY OILS
Marcel Victor Crillon, Marseille, France
Application June 8, 1935, Serial No. 25,652
In France September 11, 1934
3 Claims. (Cl. 123—34)



1. In an internal combustion engine of high compression and compression ignition, a cylinder head, a vaporizing chamber therein, an injector at the center of said head, a thermostat comprising a manometric tube in the shape of an arc of a circle, said cylinder head having an annular groove to receive said tube, a counter-head forming with said cylinder head a housing, a fuel vaporizing tube in said housing, a duct from said vaporizing tube to said injector, a curved surface on said counter head to which one of the extremities of said manometric tube is attached, two covers on said cylinder head to form a cooling chamber between them and the upper surface of said counter head, said covers having openings for admission of fresh air, and actuating means for said shutter to which means the other extremity of said manometric tube is attached to secure the aeration of said cooling chamber according to the temperature prevailing at the summit of the combustion chamber.

2,108,707
MECHANICAL PROCESS FOR MAKING READY IMPRESSIONS
Friedrich Karl Fleischhack, Leipzig, Germany
No Drawing. Application September 27, 1934, Serial No. 745,801
1 Claim. (Cl. 41—25.5)

A process of producing "make-readies" for printing comprising first preparing a layer consisting of about 20 parts beeswax, 2 parts petroleum jelly, 15 parts powdered graphite and 5 parts soft soap, then applying said layer to the platen of a printing press, taking impressions of the form on said layer and finally hardening the layer.

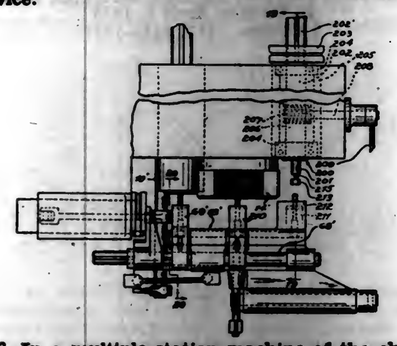
2,108,708
ELECTRICAL CONNECTER
Herbert K. Foster, Riverside, N. J.
Application March 20, 1934, Serial No. 716,526
5 Claims. (Cl. 172—332)



1. In an electric conductor connecter, the combination of an insulated body provided with a pair of paralleling terminal-receiving passageways extending therethrough, each passageway opening into an elongated recess at a face of an end of said body, said face having a centrally disposed recess and a pair of transverse recesses, one communicating between one of said elongated recesses and said centrally disposed recess and the other communicating between the other of said elongated recesses and said centrally disposed recess; a pair of substantially L-shaped resilient terminal contacts in said passageways and elongated recesses, said terminal contacts having means to secure electric conductors thereto with said conductors disposed between the faces of said elongated recesses and said terminal contacts and extending into said transverse recesses and said centrally disposed recess; and means to force said faces of said terminal contacts into contact with conductors disposed in said elongated recesses.

2,108,709
APPARATUS FOR MAKING BOLTS OR THE LIKE
Lee A. Frayer, Kent, Ohio, assignor to The Lamson & Sessions Company, Cleveland, Ohio, a corporation of Ohio
Application September 24, 1935, Serial No. 41,966
18 Claims. (Cl. 10—11)

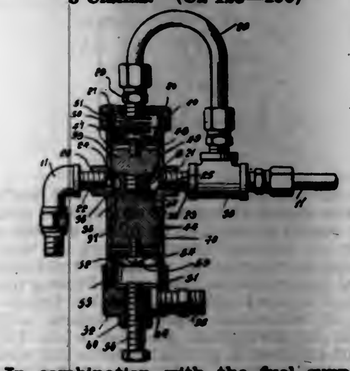
1. In apparatus of the character described, the combination of a work support including means operable to grip a blank, non-rotatable hollow means shiftable toward the work support and having guide means thereon for cooperation with the blank, a rotary die device in said hollow means and shiftable therewith into position to operate on the blank, means for shifting said hollow means, and means for rotating said die device.



6. In a multiple station machine of the character described having a plurality of spaced work stations, a transfer mechanism adjacent said stations and operable to transfer blanks from one work station to another comprising a bar mounted for movement longitudinally and rotarily of its axis and having means for engaging a blank, and means for imparting rotary and longitudinal movements to said bar to cause engagement of the blank and shifting thereof from one work station to the other.

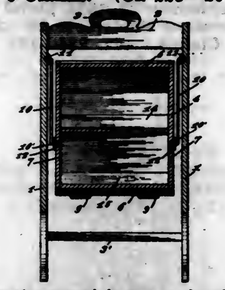
15. In apparatus of the character described the combination of a pair of cooperating thread rolling dies rotatable about vertically spaced substantially parallel axes and having a blank receiving space therebetween, a rotatable and axially shiftable pointing die spaced laterally from said threading dies and having a blank receiving opening on substantially the same horizontal plane as said blank receiving space, and a transfer mechanism extending laterally adjacent said blank receiving space and opening and operable to transfer blanks from the pointing die to the threading dies.

2,108,710
AUTOMATIC MOTOR FUEL CONTROL
Frederick S. Gleockler, Albert Gleockler, and Frederick M. Gleockler, Camden County, N. J.
Application April 14, 1936, Serial No. 74,364
8 Claims. (Cl. 123—196)



1. In combination with the fuel supply line and pressure-oil circulating line of an internal combustion engine, a casing connected to the fuel supply line, branches leading from the fuel supply line and pressure oil circulating line to the upper and lower ends of the casing respectively, a vertically movable valve body in the casing subject to the pressure of the oil and having a passageway therein between its upper and lower ends to maintain the fuel supply line open, said valve body being also subject to the weight and pressure of the fuel so that in the event of oil-failure, said valve body will lower to cut off the flow of fuel in the fuel supply line, said casing having interiorly thereof spaced apart shoulders, and said valve body having shoulders spaced apart a greater distance than the first mentioned shoulders and engageable therewith.

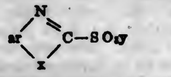
2,108,711
SEWING CABINET
Patrick H. Harmon, San Fernando, Calif.
Application May 23, 1936, Serial No. 81,529
6 Claims. (Cl. 223—107)



1. A cabinet comprising, a pair of spaced apart opposed uprights, a pair of open top trays between said uprights having end and side walls, respectively, and hingedly connected together in end to end position for folding movement into closing and opening relation, and means for suspending said trays from said uprights for relative swinging movement, said means being pivotally connected to said uprights and to the sides of the trays, respectively.

2,108,712
HETEROCYCLIC HYDROXY COMPOUNDS
Ernst Herdieckerhoff, Opladen, near Cologne, and Eduard Tschunkur, Cologne-Mulheim, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application October 5, 1934, Serial No. 747,090. In Germany October 12, 1933
4 Claims. (Cl. 260—44)

1. The process of preparing a compound of the group consisting of 2-hydroxyoxazoles and 2-hydroxythiazoles which comprises splitting off sulfurous acid from a compound of the general formula:



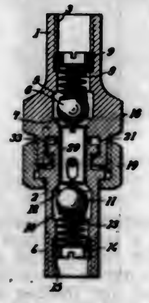
wherein *ar* stands for an arylene radical of the benzene or naphthalene series, *x* stands for a member of the group consisting of sulfur and oxygen, and *y* stands for a member of the group consisting of hydrogen and a monovalent metallic radical, by treating with an acid saponifying agent.

2,108,713
GRID
Ernest C. Hillman, Los Angeles, Calif.
Application May 15, 1936, Serial No. 79,910
3 Claims. (Cl. 52—5)



1. A grid of the character disclosed, comprising, in combination with a pan, a series of individual sections forming substantially a continuous surface, and each section having means co-operating with means on other sections for spacing same.

2,108,714
PIPE COUPLING
Peter Hirsch and Rudolf Kaiser, Berlin-Reinickendorf, Germany
Application September 23, 1936, Serial No. 102,023
In Germany September 28, 1935
5 Claims. (Cl. 284—18)

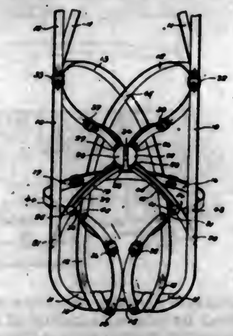


1. A pipe coupling comprising two coupling parts, in each coupling part a valve, means for keeping the valves closed, when the coupling is disconnected, a tubular piece overlapping both ends of the coupling parts and disposed between the two valves for keeping the valves open, when the coupling is connected, and a flange on the tubular piece, adapted to bear against the ends of the coupling parts for securing them against axial displacement.

2,108,715
PROCESS OF COATING WORKED SOLID MATERIALS
Albert Koch, Cologne-Deutz, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application April 9, 1934, Serial No. 719,807. In Germany April 13, 1933
4 Claims. (Cl. 91—68)

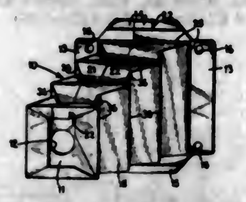
1. The coating of the inner surface of hollows, such as tubes or vessels, with a layer of vulcanized rubber by first applying thereon a vulcanizable rubber mixture, providing the surface thereof with a layer of a strongly adherent water-impermeable film-forming material capable of preventing dissolution and decomposition of ingredients in the interposed rubber coating when being in contact with hot water, and effecting vulcanization of the interposed rubber mixture by contacting the layer of the film-forming material with hot water.

2,108,716
DEVICE OF SUPPORT FOR PARACHUTES
Stig Ove Christian Kuhlemann, Stockholm, Sweden, assignor to Carl H. Lundholm, Aktiebolag, Stockholm, Sweden, a company of Sweden
Application February 20, 1937, Serial No. 126,840
In Sweden April 1, 1936
7 Claims. (Cl. 244—151)



1. In a parachute supporting device, the combination of a body encircling strap having at least one of its ends for placement at the front of the wearer, a pair of leg straps, a separate locking device releasably connecting each of said leg straps to part of the supporting device so as to hold said leg straps in taut lateral position, a fastening device releasably fastening the end of the body encircling strap which is placed at the front of the wearer, said fastening device comprising two interconnectable main parts, and means to unlock said main parts comprising flexible means extending from said main parts to said leg strap locking devices whereby first the leg strap locking devices are released and then the main parts of the device are separated so as to release the end of the body encircling strap and thereby to permit the wearer to free himself from the supporting device.

2,108,717
CAMERA BELLOWS
William L. Lawson, Brooklyn, N. Y.
Application November 26, 1935, Serial No. 51,558
6 Claims. (Cl. 95—39)



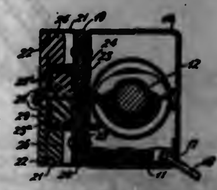
1. A collapsible camera bellows the walls of which are scored alternately on opposite sides to provide panels adapted to be folded against each other in the fully collapsed position, the walls of said bellows comprising a single thickness of material impervious to light rays affecting photographic film, and being sufficiently tough and elastic to withstand repeated flexing without cracking or developing pinholes while having sufficient stiffness to prevent substantial bending of the panels during collapsing of the bellows, said material comprising fibres coated and bound together by an elastic and adhesive binding agent and impregnated with a filler and a stiffening agent.

2,108,718
STATION INDICATOR
John W. Lee, Wilkes-Barre, Pa.
Application May 13, 1937, Serial No. 142,265
2 Claims. (Cl. 40—53)



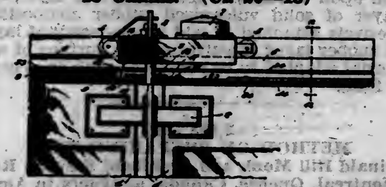
1. An electrically controlled station indicator comprising a web displaying the names of stations, rollers upon which the ends of the web are wound, brackets supporting the rollers, respective clutches connected to the rollers, a shipper for alternately clutching one clutch and declutching the other clutch, an electric motor geared to said clutches for driving the rollers, a circuit for the motor, a switch in said circuit, a relay controlling said circuit, means for holding the relay circuit closed when said switch is open, a timing roller frictionally engaging the web above one of the web supporting rollers and having yielding cam projections, a circuit in which the coil of said relay is connected, a switch on the last named circuit opened by said cam projection to de-energize the relay and open the motor circuit when the web has advanced each station name into view after said manually operable switch is closed, and a time limit switch in the motor circuit preventing closing of the motor circuit until lapse of a predetermined time period after each actuation.

2,108,719
HAIR WAVING DEVICE
Wilbur S. Lewis, Cleveland, Ohio, assignor to The Murle Co., Cleveland, Ohio, a corporation of Ohio
Application October 31, 1935, Serial No. 47,647
2 Claims. (Cl. 132—36)



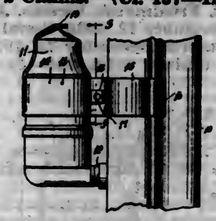
2. In a hair waving device of the character described and including a heater formed of two sections each of which is provided with means for supporting a hair clamping member and means for supporting an insulating member, in combination with combined insulating and hair clamping members secured to said device and each comprising integral rubber pads having a clamping portion and an insulating portion, said portions and both of said means having cooperating elements providing an interlock therebetween acting to maintain the combined insulating and hair clamping members in position.

2,108,720
SLOT CLOSER
Leo C. Lake, Evansville, Ind., assignor to International Door Company, Evansville, Ind., a corporation of Illinois
Application January 11, 1937, Serial No. 120,685
18 Claims. (Cl. 20—18)



1. A slot closer for the longitudinally extending slot in the ceiling of a revolving door drum through which the revolving door shaft extends, comprising supports adjacent opposite ends of the slotted portion of the ceiling, a slot closing plate, and means carried by said supports for suspending said slot closing plate for oscillatory movement for opening or closing the slotted portion of the ceiling, said means being engaged and actuated by the shaft of the revolving door.

2,108,721
AIR VENT GUARD
Harvey K. Maxam, Francisco, Ind.
Application November 25, 1936, Serial No. 112,869
2 Claims. (Cl. 137—122)



1. An air vent attachment of the class described comprising a band to embrace an air vent device, jaws extending from the band for attachment to a radiator, means extending from the band and integral therewith for disposition over and relatively close to the vent opening of said device consisting of a finger, to prevent foreign matter entering the vent opening in said air vent device, and means operable to simultaneously bind the jaws to the radiator and the band to the device.

2,108,722
LAMINATED CORROSION RESISTANT STRUCTURE
Hermann Miedel, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y., a corporation of New York
Application March 1, 1935, Serial No. 8,947
In Germany March 3, 1934
3 Claims. (Cl. 154—43)



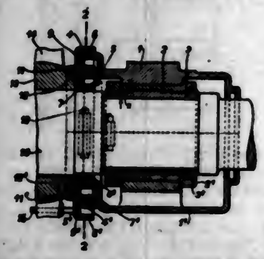
1. A self-supporting constructional material for use as the walls of a conduit, vessel or the like,

for corrosive fluids, formed of a shock-resistant layer consisting essentially of a filler and the solid reaction products of rubber latex with a hydraulic cementitious material and containing at least 25% of rubber derived from the latex and at least 12% of the hydraulic cementitious material based upon the rubber content of the layer, and a layer of solid vulcanized rubber composition adhesively attached to said shock-resistant layer, said rubber layer constituting the surface of said material adapted to be contacted with the corrosive fluid.

2,106,723
METHOD OF PREPARING TiO_2
Reginald Hill Monk and Archibald Stewart Ross, Montreal, Quebec, Canada, assignors to American Zinc, Lead & Smelting Company, St. Louis, Mo., a corporation of Maine
No Drawing. Application November 11, 1935, Serial No. 49,228
18 Claims. (Cl. 23—202)

6. In a process of preparing titanium dioxide, the steps of forming an aqueous and approximately neutral dispersion of a protective colloid and a salt relatively insoluble in water but completely soluble in the aqueous medium resulting from hydrolysis, and then adding a concentrated titanium salt solution thereto.

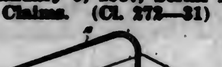
2,106,724
LABYRINTH PACKING FOR BEARINGS
Gustav Nemetz, Vienna, Austria, assignor to the firm Alex. Friedmann, Vienna, Austria
Application December 12, 1936, Serial No. 115,627
In Austria December 21, 1935
4 Claims. (Cl. 286—5)



1. In a bearing a labyrinth packing comprising circular rotating rings and circular stationary rings inserted between and coaxial with said rotating rings, the inner sides of the upper halves, and the outer sides of the lower halves of the stationary rings receding from the circular form so that the width of the stationary rings diminishes from the points situated in the horizontal plane containing the axis of rotation, upwards and downwards.

2,106,725
ASSISTANT FOR THE TREATMENT OF TEXTILES
Alfred Bioche, Wolfen, Kreis Bitterfeld, and Karl Brodersen, Matthias Quaedvlieg, and Hans Maier-Bode, Dessau in Anhalt, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application April 19, 1935, Serial No. 17,236. In Germany April 21, 1934
7 Claims. (Cl. 252—1)

1. The process of treating textiles and other fibrous materials with an aqueous liquor in the presence of a compound containing the chemical grouping



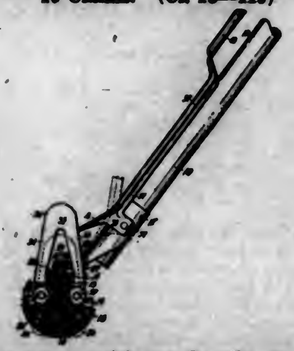
wherein R is an alkyl radicle of at least 10 carbon atoms, x is a member of the group consisting of hydrogen, alkyl and hydroxyalkyl and y is an alkyl radicle with at most 3 carbon atoms containing a salt forming substituent of the group consisting of —OH, —COOH, and —SO_3H.

2,106,726
MECHANICAL TOY
Edward Recuskie, New York, N. Y.
Application January 9, 1937, Serial No. 119,846
7 Claims. (Cl. 272—31)



1. A mechanical toy of the character described, comprising a substantially rectangular box-like structure, a turn-table mounted for rotation on said box, means within said box for rotating said turn-table, a miniature vehicle supported on the surface of said turn-table, and remote control means for guiding said vehicle in a manner to avoid impacting articles held on said turn-table as same is rotated.

2,106,727
MOP
Kenneth S. Rogers, Niles Township, Berrien County, Mich., assignor to Niles Metalcraft Company, Niles, Mich.
Application October 11, 1935, Serial No. 44,568
10 Claims. (Cl. 15—119)



5. A mop comprising a handle, an inverted channel having downwardly converging sides gripping a portion of a sponge which flares from the channel mouth, means for securing said channel to said handle and a rigid shiftable frame movably mounted on said handle and immovably

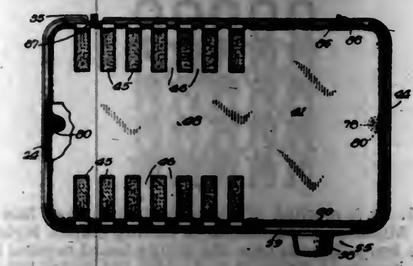
journaling spaced rollers positioned on opposite sides of said sponge and adapted to compress said sponge when shifted transversely thereof, said sponge normally pressing said rollers and frame upwardly into the concavities formed by said channel sides and flaring sponge portion.

2,106,728
ARTIFICIAL FISHING BAIT
Willard G. Schilling, Lima, Ohio, assignor to The Weesel Bait Company, Cincinnati, Ohio, a corporation of Ohio
Application March 2, 1936, Serial No. 66,548
9 Claims. (Cl. 43—42)



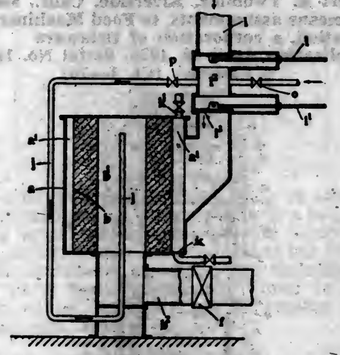
2. A fish lure, comprising, a head element having a plate portion extending forwardly and upwardly therefrom, a hook having its eyelet end secured in the head element and its hook portion extending rearwardly from the head element, said head element incorporating a rearward plate extension, tail feathers having their quill ends secured to the rearward plate extension, and short feathers having their quill ends secured to the head element and distributed around the same, said short feathers providing an annular space permitting water circulation therethrough and free movement of the short feathers for the purpose of similating the movements of a minnow.

2,106,729
RADIO RECEIVER
Adolph J. Snow, Evanston, Ill., assignor to Sears, Roebuck and Co., Chicago, Ill., a corporation of New York
Application July 6, 1936, Serial No. 89,016
9 Claims. (Cl. 250—14)



6. In combination, a cabinet, a radio set in said cabinet comprising a receiving unit and a sound reproducer, said cabinet having been molded integrally out of plastic material and comprising front, rear, end walls and a top, and a base plate secured to said cabinet and forming a closure therefor, said cabinet being provided with reproduced openings in at least two opposed walls, integral molded grille work extending over said reproducer openings including a series of ribs integrally molded in the two opposed walls of said cabinet and at least partially encircling the top, the receiving unit being mounted in the cabinet in such position that the reproducer is in operative relation to both of said openings so as to emit sound from the openings in a plurality of directions.

2,106,730
ADSORPTION APPARATUS
Edgar Reuse Sutcliffe, Lowton, Newton-le-Willows, England
Application July 14, 1936, Serial No. 90,616
In Great Britain September 29, 1934
4 Claims. (Cl. 183—4)



1. In an adsorption filter for the adsorption of vapour from vapour laden air, in combination a filter casing, a container for the sorptive medium within the filter casing, an inlet conduit into the filter casing for the air to be filtered in the charging phase and an outlet conduit from the filter casing for the filtered air, two valves in series in said inlet conduit both adapted to be opened in the charging phase, to permit the air to flow through them in series, and closed in the flushing phase, said valves on their closure being spaced apart in the said inlet conduit to form between them a chamber for the reception of inert gas, a valve-controlled inlet conduit into the said chamber for the inert gas and a valve controlled outlet conduit from said chamber into the filter casing in position to cause the inert gas from said chamber to flow through the container, sorptive medium and casing in direction opposite to that in which the air to be filtered passes through the filter casing in the charging phase.

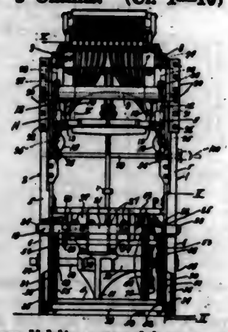
2,106,731
AUTOMATIC GRADING SCALE
Harlan E. Thompson, Alpine, Calif.
Application February 24, 1937, Serial No. 127,493
2 Claims. (Cl. 265—48)



1. An automatic grading scale comprising a base block, a scalebeam pivotally mounted above said base block, means for supporting the article to be weighed connected to one end of said scalebeam, means disclosing the grade of the object being graded comprising a grade chart mounted upon the opposite end of said scalebeam, a cover plate mounted on said base block immediately in front of said grade scale, and said cover plate having a narrow opening formed

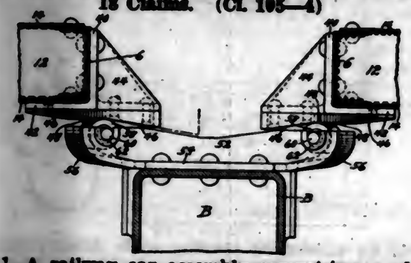
therethrough through which passes said scale-beam, and means automatically counterbalancing the various downward forces of various objects as each is being graded.

2,106,732
DRIVE FOR BOX LIDDING MACHINES
Herbert E. Twomley, Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation, a corporation of Delaware
Application April 29, 1935, Serial No. 18,767
3 Claims. (Cl. 1—10)



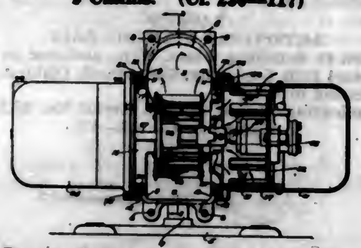
1. In a box lidding machine, means for supporting a box to be lidded, means disposed above said supporting means for applying lids to boxes, means mounting said box supporting means for elevation toward said lid applying means, a power shaft, one or more chains connected to said power shaft and coupled to said box supporting means, a pulley for each of said chains over which said chains are disposed and means mounting said pulleys above the point of attachment of said chains to said box supporting means whereby rotation of said power shaft in one direction will wind up said chain and lift said box supporting means, and means for supplying power to rotate said shaft including a friction coupling for limiting the lifting force applied to said box supporting means.

2,106,733
SIDE BEARING FOR ARTICULATED CARS
Sigvald F. Udstad, Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y., a corporation of New Jersey
Application December 30, 1936, Serial No. 118,197
18 Claims. (Cl. 105—4)



1. A railway car assembly comprising a plurality of bodies, a truck supporting the adjacent end portions of two of said bodies, body side bearings secured to said end portions and extending outwardly therefrom, and side bearings on said truck engageable by said body side bearings, said body side bearings being provided with inclined bearing surfaces directed downwardly toward the transverse center line of said truck.

2,106,734
OIL BURNER
Josiah Howard Van Scivr, Elkins Park, Pa., assignor to Bethlehem Foundry & Machine Company, Bethlehem, Pa., a corporation of Pennsylvania
Application January 8, 1937, Serial No. 119,685
9 Claims. (Cl. 230—117)



1. In an oil burner, the combination with a casing providing a blower chamber and a discharge conduit extending from one side of said chamber, said casing having an opening in each of two adjoining sides of the chamber and respectively at opposite sides of said conduit, a resilient element seated in each of said openings, and a member supported in said resilient elements and constituting a common support for a motor, a pump and a blower operatively connected in line extending transversely to the axis of the discharge conduit, said blower being located within said chamber.

2,106,735
METHOD OF MANUFACTURING MILANESE WARP FABRIC
Herbert Wirth, Hartmannsdorf, near Chemnitz, Germany, assignor to the firma Emil Wirth Wirkmaschinenfabrik, Hartmannsdorf, near Chemnitz, Germany
Application February 21, 1936, Serial No. 65,150
In Germany February 22, 1935
6 Claims. (Cl. 66—86)

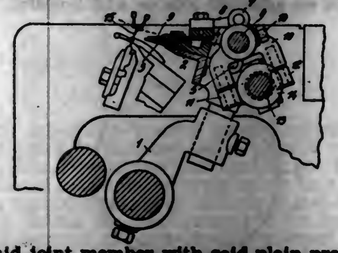


1. In a method of manufacturing warp fabric on Milanese warp machines having guides, laying the warp threads over the spring beard needles in the rearward direction and under the spring beard needles in the forward direction and compensating the rearward movement by a corresponding forward movement of the warp threads under the spring beard needles.

2,106,736
PRESSER ARRANGEMENT FOR WARP KNITTING MACHINES
Herbert Wirth, Hartmannsdorf, near Chemnitz, Germany, assignor to the firma Emil Wirth Wirkmaschinenfabrik, Hartmannsdorf, near Chemnitz, Germany
Application February 13, 1937, Serial No. 125,658
In Germany February 22, 1936
4 Claims. (Cl. 66—86)

1. An alternately acting presser device for warp knitting machines, comprising a plain presser, a

holder carrying said plain presser, a pattern presser also carried by said holder, a shiftable shaft journalled in said holder, a double cone fixed upon said shiftable shaft, a second shaft rotatably mounted in said holder, a joint member fixed to said rotatable shaft, a link connect-



ing said joint member with said plain presser, a second link connecting said joint member with said pattern presser, a fork fixed to said rotatable shaft, and a roller provided at each prong of said fork, said rollers being adapted to cooperate with said double cone.

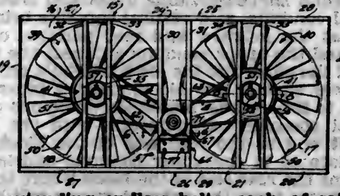
2,106,737
FABRIC TAKE-UP DEVICE FOR FLAT WARP KNITTING MACHINES
Emil Herbert Wirth, Hartmannsdorf, near Chemnitz, Germany, assignor to the firma Emil Wirth Wirkmaschinenfabrik, Hartmannsdorf, near Chemnitz, Germany
Application July 29, 1937, Serial No. 156,469
In Germany August 4, 1936
4 Claims. (Cl. 66—149)



1. In a fabric take-up device for flat warp knitting machines of the kind set forth, a chain driving the fabric take-up device and carrying a freely suspended roller, a bearing member fixed to the machine frame, a spindle journalled in said bearing member, means for rotating said spindle by the ratchet mechanism influencing the fabric take-up device, and means for resiliently connecting said spindle to said freely suspended roller.

2,106,738
TWIN-FAN STRUCTURE
William W. Allen, Jacksonville, Fla.
Application March 12, 1937, Serial No. 130,563
7 Claims. (Cl. 230—278)

1. A twin-fan structure including a pair of parallel vertical fan elements arranged in sidewise disposed relation and in close proximity to each other, a stationary shaft for revolubly supporting each fan element, said shafts having their axes disposed in parallel spaced relation, a motor, a power transmitting means driven from said motor and connected to said elements for simultaneously operating them, said power transmitting means being in the form of a pair of oppo-



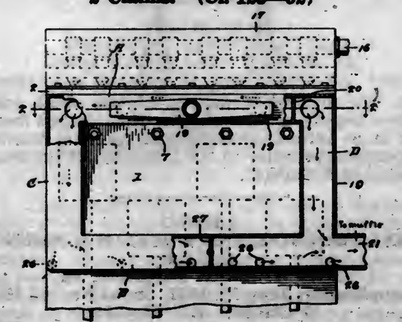
sitely extending endless belts, each of said fan elements including a hub engaged by a belt, supporting structure common to said motor and shafts, said fan elements arranged in the front of said structure, and said structure including coacting parts for adjusting said motor in paths at right angles for controlling the tension of the belts on said hubs.

2,106,739
THUMB TACK
Arnold G. O. Andersen, Cocoab, Conn.
Application November 16, 1936, Serial No. 111,135
2 Claims. (Cl. 85—16)



1. A thumb tack for pulling with an extractor in which the latter is turned to pry the tack, said tack having a domed head and a slot adjacent its periphery, the slot being of progressively reduced width and having arcuate side edges of which the outer has its center at the center of the head and the inner its center eccentric to the head center, so that an extractor with a lateral lug may be inserted through the wider end of the slot and moved in the direction of the length of the slot to have the lug engage the underface of the head and lift the tack.

2,106,740
ENGINE
Uriah Belford, Golconda, Ill., assignor of one-half to Cody Lightner
Application January 25, 1937, Serial No. 122,288
2 Claims. (Cl. 123—52)



1. In an internal combustion engine cylinder block having cylinders provided with intake and

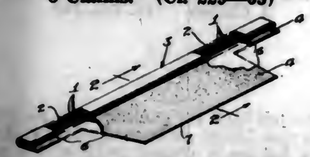
exhaust means opening outwardly through opposite sides of the block, intake and exhaust manifolds located on opposite sides of the block and communicating with the intake and exhaust means, said intake and exhaust manifolds on each side of the block being integrally connected, and each exhaust manifold being of substantially rectangular shape providing upper and lower and vertical conduits, said vertical conduits being located at the forward and rear portions of the block and the upper conduits adjacent the upper edge of the block and the lower conduits adjacent the lower edge of the block, exhaust pipes connected to the exhaust manifolds where one of the vertical conduits communicates with the lower conduit and at the rear end of the block, and gates located in the upper conduits and located adjacent the rear end of the block where the exhaust gases from the exhaust means will be divided and the major portion of the exhaust gases caused to travel forwardly through the upper conduits and downwardly through the forward vertical conduits and through the lower conduits while a less amount of exhaust gases will be directed through the vertical conduits at the rear end of the block to the lower conduits.

2,108,741

BAG CLOSURE

Benjamin C. Betner, Ithan, Pa.

Application November 9, 1936, Serial No. 110,004
8 Claims. (Cl. 229—65)



1. An article of the character described comprising a narrow elongated tie element composed of a plurality of strands of wire arranged in closely spaced parallel relation, a tubular covering snugly embracing said tie element throughout its length, and means securing said covering and the tie element together.

2,108,742

BRUSH

Frederic J. Bickel, Cleveland, Ohio, assignor to The Osborn Manufacturing Company, Cleveland, Ohio, a corporation of Ohio

Application July 13, 1936, Serial No. 90,368
6 Claims. (Cl. 300—21)



1. The method of making a brush which comprises looping bristles about a ring shaped member in an annular channel, and applying internal expanding pressure to the free edge of the inner wall of said channel.

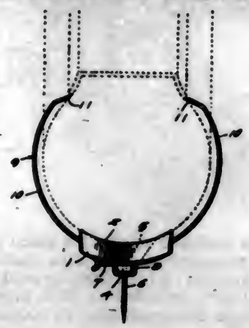
2,108,743

AXLE HOUSING AND WHEEL ALIGNMENT GAUGE

Myrl W. Brady, Tarentum, Pa.

Application June 22, 1937, Serial No. 149,765
5 Claims. (Cl. 33—203)

1. A gauge device of the character described, comprising a body adapted to be disposed against the tread surface of a motor vehicle wheel, means carried by the body for detachably securing the same to said surface, and pointer means carried by the body facilitating the laying off upon an underlying surface of indicia necessary for determining the relation of the motor vehicle wheel to an adjacent axle or axle housing.



4. The method of determining the straightness of the rear axle housing of a motor vehicle, which comprises raising the rear wheels of the vehicle sufficiently to permit free rotation of said wheels, fixing a pointer on each wheel at the peripheral center, rotating both wheels in one and the same direction to bring said pointers in contact with the underlying surface, marking the points of engagement of the pointers with the surface, reversely rotating both wheels to bring the pointers in contact with the surface at the opposite sides of the wheels, marking the surface where each wheel carried pointer contacts, and then measuring the distances transversely of the vehicle between the points marked at the fronts of the wheels and the points marked at the backs of the wheels to determine whether or not such distances are equal.

2,108,744

DIAPHRAGM TYPE EVAPORATOR

Lewis M. Crosley and Roland H. Money, Cincinnati, Ohio, assignors to The Crosley Radio Corporation, Cincinnati, Ohio, a corporation of Ohio

Application August 27, 1934, Serial No. 741,541
11 Claims. (Cl. 62—126)



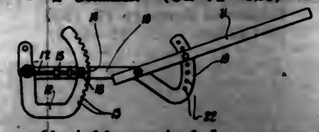
1. A refrigerator evaporator comprising a sheet metal member of substantial U-shape embossed to form a header and a plurality of passageways extending therefrom, a second sheet metal member of substantial U-shape acting as a diaphragm, and a third sheet metal member of substantial U-shape, and embossed to form an exit header and a plurality of passageways, said members being assembled one inside the other and joined to provide a closed system, said diaphragm member being perforated to provide access from one group of passageways to another at a point remote from said headers, and serving to complete said headers and passageways.

2,108,745

ADJUSTABLE CONTROL LEVER

Victor John Dodd, Kalamunda, West Australia, Australia

Application October 15, 1936, Serial No. 105,814
2 Claims. (Cl. 74—525)



1. An adjustable control lever comprising a slotted plate, a member being pivoted to and having a face resiliently held against one face of said slotted plate, means mounted on said member for normally engaging the slots of said slotted plate, a slotted quadrant formed at the free end of said member, an extension lever being pivotally connected to said member and located on the aforesaid face and resiliently held against said quadrant, and means mounted on said extension lever for normally engaging the slots of said quadrant.

2,108,746

SAFETY DEVICE FOR MACHINE PARTS SUBJECT TO HIGH PRESSURES

Abraham Martinius Erichsen, Teltow, near Berlin, Germany

Application January 27, 1937, Serial No. 122,532
In Germany March 24, 1934
9 Claims. (Cl. 80—57)



1. A safety device to be interposed between parts of a rolling mill, press or other like machine liable to be subjected to heavy pressure and adapted to relieve the pressure when a determined maximum pressure is reached, comprising a pressure chamber having an escape orifice, a pressure medium in said chamber, a plunger in said chamber for compressing said medium under the pressure applied to the aforesaid parts of the machine to be controlled, a safety element normally closing said escape orifice, said safety element being subjected to the action of the pressure medium and adapted to open said orifice when the determined maximum pressure is reached, the said pressure medium being a non-fluid homogeneous whole which is capable of flowing at a pressure at least as low as said maximum pressure.

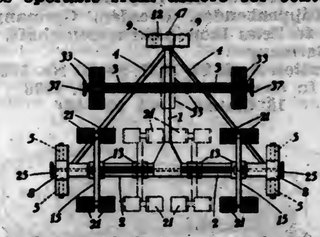
2,108,747

LAUNCHING AND BEACHING OF AIRCRAFT

William Gordon Glover, London, England

Application May 29, 1936, Serial No. 82,592
In Great Britain May 31, 1935
5 Claims. (Cl. 280—1)

2. Improvement in apparatus for handling aircraft of the seaplane and amphibian types when launching and beaching an aircraft via a slipway, comprising a mobile submersible cradle, a plurality of abutment members adjustably mounted on said cradle and articulated so as to be free to oscillate longitudinally and laterally to conform to the contours of an aircraft with substantially uniform contact pressure throughout, means to adjust the positions of said articulated abutment members, and means mounted on said cradles operable from ashore for centering an



aircraft above said abutment members when said cradle is in the water.

2,108,748

STORAGE BATTERY POSITIVE ELECTRODE AND METHOD OF MAKING THE SAME

Harold R. Harner, Frederick H. Schultz, and Everett J. Ritchie, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio, a corporation of Ohio

No Drawing. Application September 30, 1935
Serial No. 42,878
10 Claims. (Cl. 136—26)

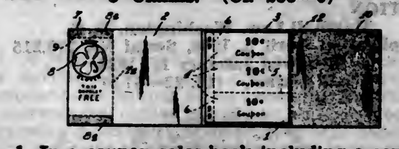
7. A lead-acid storage battery electrode characterized by the presence of a bonding network produced in situ by treating the electrode with liquid solutions of phenol-formaldehyde and sulphuric acid.

2,108,749

COUPON BOOK

Billups Harris, Columbus, Miss.

Application October 31, 1936, Serial No. 108,669
5 Claims. (Cl. 283—6)



1. In a coupon sales book including a series of coupons and a cover therefor, a flap, having a symbol on its inner face, formed on an outer edge of said cover; means for fastening said flap throughout its upper and lower margins to a face of said cover with the symbol concealed; and means inwardly of said fastened margins of said flap weakening said flap along lines parallel to said margins whereby said flap may be severed along said weakened lines to expose the concealed symbol.

2,108,750

HIGHWAY CONSTRUCTION

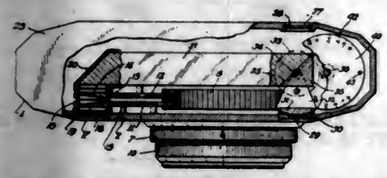
John Warren Isett, Hinsdale, Ill.

Application January 27, 1937, Serial No. 122,497
12 Claims. (Cl. 94—4)



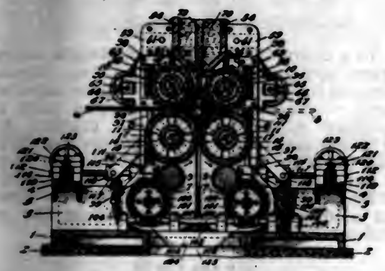
1. That improvement in the art of highway construction which comprises, in combination, a road bed, a plurality of forms extending longitudinally of said bed, anchoring means extending between the forms and the road bed for securing the former rigidly to the latter, and a crown or cap of solid material extending between said forms, superimposed upon the surface of said highway.

2,106,751
PHOTOGRAPHIC DEVICE
Heinz Küppenbender, Dresden, Germany, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany
Application April 23, 1937, Serial No. 138,563
In Germany February 22, 1936
13 Claims. (Cl. 95—44)



13. In a range finder for photographic cameras, means to produce at two spaced points images of an object to be photographed, means for combining said images, manually actuated means adjacent one of said points for deflecting the image there so as to bring the two images in superposition, means for viewing said images, a second manually actuated means at the other of said points for deflecting the image there for bringing two images of another object in the same picture field that is spaced a different distance from the instrument than the first object, into superposition, and means for indicating the amount of adjustment of each of said manually actuated means.

2,106,752
METHOD OF AND APPARATUS FOR SHAPING METAL DELIVERED IN A MOLTEN CONDITION
Marshall Low, Washington, D. C.
Application April 5, 1934, Serial No. 719,215
Renewed January 17, 1938
35 Claims. (Cl. 22—57.5)



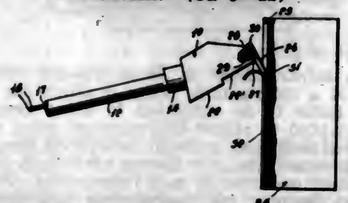
3. Apparatus of the character described comprising an assembly of more than two rolls arranged to define a substantially closed chamber for receiving a supply of molten metal, a restricted throat through which molten metal is adapted to be introduced into said chamber, and a sheet forming pass communicating with said chamber; means for cooling said rolls to extract heat from the metal in said chamber, said rolls presenting cooling surfaces of substantially equal areas to the heated metal in said chamber, thus rendering the metal in contact therewith relatively plastic in zones of equal areas on opposite sides of said pass; and means for rotating said rolls to move the plastic metal of said zones outwardly through said pass to be united by the pressure of said rolls, thus forming a sheet cooled on opposite sides substantially equal depths.

2,106,753
METHOD OF AND APPARATUS FOR SHAPING METAL DELIVERED IN A MOLTEN CONDITION
Marshall Low, Washington, D. C.
Application July 9, 1934, Serial No. 734,350
Renewed January 17, 1938
25 Claims. (Cl. 22—57.5)



1. The method of rolling sheets or bars from material delivered in a molten condition which comprises the steps of passing the molten material through a series of chambers defined by a plurality of pairs of rolls arranged in side by side relation; rendering the material relatively plastic by progressively reducing the temperature of the material during its passage through said chambers in accordance with a predetermined temperature gradient; rolling the plastic material into sheet or bar form while it is still hot from its original heat; and automatically controlling the speed of rotation of said rolls by and in accordance with the temperature and characteristics of the material.

2,106,754
FOUNDATION FASTENER AND DECAPPING TOOL
Ray Ludke, Coplay, Pa.
Application March 11, 1937, Serial No. 130,386
2 Claims. (Cl. 6—12)



1. A honeycomb tool, comprising a head portion, a handle and a stem adapted to be secured to one end of said head, said head adapted to be heated by means mounted in the stem, the face of said head portion having a shoulder facing toward the free end of the head to facilitate the positioning of said tool against a frame, and said tool being adapted to secure a foundation to the frame.

2,106,755
PROCESS FOR PURIFICATION OF SULPHONATION PRODUCTS
Walter H. McAllister, Wyoming, Ohio, assignor, by direct and mesne assignments, of one-half to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio, and of one-half to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application February 21, 1935, Serial No. 7,582
16 Claims. (Cl. 260—99.12)

1. The process for the purification of products reacted with sulphonating agents which comprises mixing with water a sulphonated product of the group consisting of a neutralized reaction product of a sulphonating agent on a primary aliphatic alcohol having ten to twenty-two carbon atoms per molecule, a neutralized reaction product of a sulphonating agent on a secondary aliphatic alcohol having ten to twenty-five carbon atoms per molecule, and a neutralized reaction product of a sulphonating agent on a product consisting predominantly of olefins having ten to twenty-five carbon atoms per molecule, incorporating the aqueous mixture thus formed and containing a salt of the sulphonated compound in solution with sufficient water-soluble monohydric aliphatic alcohol containing one to three carbon atoms to avoid the formation of troublesome emulsions in subsequent treatment, and subjecting the resulting mixture to extraction with liquid hydrocarbons having a boiling point below 200° C., thereby freeing the water-soluble salt from matter not reacted with and not capable of reacting with said sulphonating agents, and obtaining a laundering agent.

2,106,756
DETERGENTS FOR USE IN LAUNDERING PROCESSES
Walter H. McAllister, Wyoming, Ohio, assignor to The Procter & Gamble Company, Cincinnati, Ohio, a corporation of Ohio
No Drawing. Application April 17, 1935, Serial No. 16,815
13 Claims. (Cl. 260—99.12)

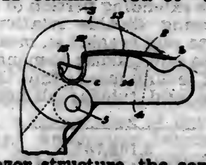
1. A process of preparing a detergent suitable for laundering processes comprising extracting organic unsulfated material and other organic impurities from a product containing water-soluble salts of alkyl sulfuric acids obtained from secondary alcohols having ten to twenty-five carbon atoms in the molecule.

2,106,757
GARMENT HANGER
John F. Harrison, Marion, Ohio
Application October 13, 1937, Serial No. 168,714
5 Claims. (Cl. 223—93)



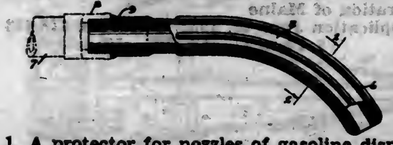
1. As an element of a garment-supporting or display device, a substantially flat frame, said frame having a front face and a rear face, resilient means extending along opposite side margins of said frame to secure folds of the garment material gathered along such side margins, one of said means extending across and being secured to said frame upon its front face and another of said means extending across and being secured to said rear face.

2,106,758
SAFETY RAZOR
Ralph E. Thompson, Brookline, and Charles J. Emerson, Winchester, Mass., and Bennett G. Jansson, Kittery Point, Maine, assignors to Emerson Apparatus Company, Melrose, Mass., a corporation of Rhode Island
Application October 23, 1935, Serial No. 46,294
11 Claims. (Cl. 30—51)



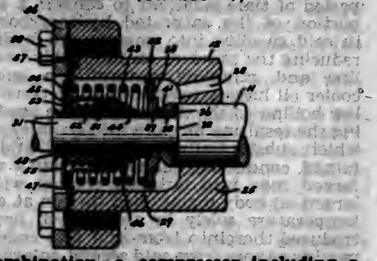
1. In a razor structure, the combination of a holder including parts relatively movable to clamp a blade between them in position for shaving, said parts being shaped to receive a hollow rib formed in said blade, and means for relatively moving said parts to squeeze said rib transversely so as to reduce the over-all width of the rib.

2,106,759
ANTISTATIC GASOLINE DISPENSING NOZZLE
Gardner W. Turman, Denver, Colo., assignor to The Gates Rubber Company, Denver, Colo., a corporation of Colorado
Application January 25, 1937, Serial No. 122,142
5 Claims. (Cl. 221—84)



1. A protector for nozzles of gasoline dispensing devices formed of a synthetic rubber-like compound containing as an essential constituent a polymerized olefin polysulfide, said protector possessing a limited degree of electrical conductivity sufficient to gradually dissipate static electricity tending to accumulate thereon.

2,106,760
SEAL FOR REFRIGERATING APPARATUS
George F. Weiher, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application November 25, 1936, Serial No. 112,762
2 Claims. (Cl. 286—7)



1. In combination, a compressor including a crankcase having an opening in a wall thereof, a rotary shaft extending through the opening, means forming a shoulder on the shaft, a member surrounding the extending portion of the shaft and having a sealing surface adapted to

engage the shoulder forming means on the shaft, means for urging the sealing surface on said member against the shoulder forming means on the shaft, means interposed between said member and said compressor crankcase for sealing the shaft gas tight at the opening in the crankcase, said last named means comprising a rigid tubular element having an end thereof secured to said member and extending outwardly therefrom, a rigid collar surrounding the extending portion of said tubular element and being slidable relative thereto, a plate clamped to said crankcase, means for sealing said collar to said tubular element, and means for urging said sealing means into tight engagement with the said tubular element and said collar.

2,168,761

FIRE RESISTANT PULP BOARD

Hubert L. Becher, Trenton, N. J., assignor to Monsanto Company, a corporation of New Jersey

No Drawing. Application March 28, 1936, Serial No. 71,535

12 Claims. (Cl. 92—21)

1. A highly fire resistant substantially hard surface board comprising cellulosic fibres coated with aluminum hydrate and mixed with a substantial proportion of fuller's earth and exfoliated vermiculite.

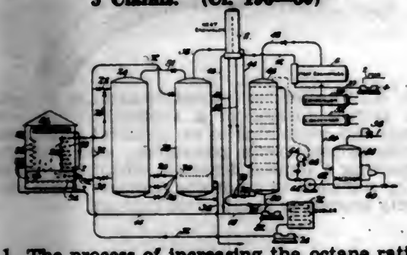
2,168,762

PROCESS FOR CRACKING GASOLINE

David G. Brandt, Westfield, N. J., assignor to Power Patents Company, Hillside, N. J., a corporation of Maine

Application June 22, 1932, Serial No. 618,623

5 Claims. (Cl. 196—50)



1. The process of increasing the octane rating of knock producing gasolines, which comprises preheating the gasoline to a temperature of about 550° F. under a pressure of about 1000 pounds per square inch, further heating the preheated gasoline while under said pressure to a temperature of from 925° to 1100° F. for a substantial period of time sufficient to convert a substantial portion of the saturated hydrocarbons present in said gasoline into unsaturated hydrocarbons, reducing the pressure on the highly heated gasoline and mingling therewith a substantially cooler oil having substantially no constituents as low boiling as the desired gasoline product, passing the resulting mixture into an enlarged zone in which substantially no body of liquid is maintained, conducting the mixture into a second enlarged zone into intimate contact with an enlarged oil body maintained therein at a cracking temperature solely by the hot oil products introduced thereinto from said first enlarged zone, passing vapors from said second enlarged zone in indirect heat exchange with said gasoline to effect said preheating, and further fractionating said vapors to separate a gasoline of relatively high octane rating compared to the initial gasoline stock.

2,168,763

PROCESS FOR CLEANING FRUITS AND VEGETABLES

Thomas S. Carswell, Kirkwood, Mo., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware

No Drawing. Application February 17, 1934, Serial No. 711,819

18 Claims. (Cl. 99—103)

1. A process for the removal of spray residues from fruit and vegetables comprising the application thereto of a dilute aqueous solution of an inorganic acid containing a small proportion of an alkali metal salt of a compound obtainable by reacting sulfuric acid with the reaction product of an aliphatic alcohol and a diphenyl compound.

2,168,764

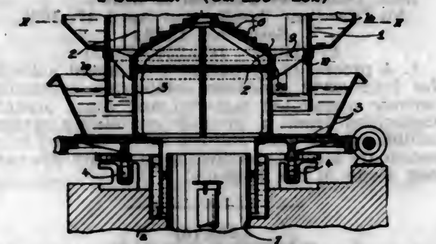
GAS PRODUCER

Hans Deringer, Winterthur, Switzerland, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa., a corporation of Delaware

Application March 2, 1937, Serial No. 128,575

In Switzerland August 29, 1935

4 Claims. (Cl. 126—132)



1. A gas producer comprising a shell, a rotary grate and a rotary ash extractor tray annularly surrounding the grate disposed at the bottom of said shell, said tray projecting under the shell in vertically spaced relation therewith and said grate comprising a lower tubular conduit and an upper conical gas diffusion grid therefor arranged within the bottom of the shell in spaced relation therewith so as to leave an annular crushing space between the periphery of the tubular conduit and the shell for crushing of ash during descent therethrough to said tray, and a plurality of radially extending ash agitating members in an annular series mounted for rotation in the space between the periphery of the tubular conduit and the shell, said radially extending ash agitating members being annularly spaced from each other and extending from the periphery of the tubular conduit to near the shell wall.

2,168,765

PRESERVING AND DISINFECTING MEDIA

Gerhard Domagk, Wuppertal-Elberfeld, Germany, assignor, by mesne assignments, to Alba Pharmaceutical Company, Inc., New York, N. Y., a corporation of New York

No Drawing. Application April 7, 1934, Serial No. 719,592. In Switzerland April 13, 1933

14 Claims. (Cl. 167—30)

1. A preserving and disinfecting medium comprising as an active preserving and disinfecting ingredient a non-acylated quaternary ammonium compound at least once substituted by a higher molecular aliphatic radical selected from the group consisting of higher alkyl, hydroxyalkyl, halogenalkyl, alkoxyalkyl, alkylmercaptoalkyl, aminoalkyl and alkylaminoalkyl radicals.

14. A preserving and disinfecting medium comprising as an active preserving and disinfecting ingredient a quaternary ammonium halide substituted by two lower alkyl groups, one benzyl group, and a higher molecular alkyl radical of 8 to 18 carbon atoms.

2,168,766

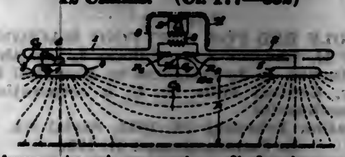
DISTANCE MEASURING MEANS AND METHOD

Fritz Fischer, Berlin-Charlottenburg, and Ludwig Kellstab, Berlin-Nikolassee, Germany, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, a corporation of Germany

Application March 31, 1933, Serial No. 663,764

In Germany April 2, 1932

12 Claims. (Cl. 177—353)



6. Apparatus in an aircraft having metallic parts, for determining the distance of said craft from the ground or other objects, comprising two conducting bodies arranged on said craft in such relation as to form a condenser the capacity of which is adapted to be affected by the ground or other object the distance of which from the craft is to be determined, whenever there is a change in such distance, means for determining the capacity of said condenser, and means for substantially reducing the influence which is exerted on the measurement by the capacity existing between the said conducting bodies and the metallic parts of the craft.

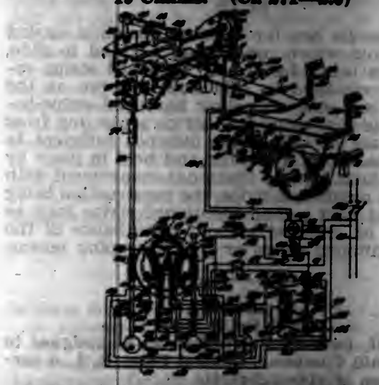
2,168,767

PAPER REGISTERING SYSTEM

Alan S. Fitz Gerald, Wynnewood, Pa., assignor of one-half to Frank H. Fleer Corporation, Philadelphia, Pa., a corporation of Delaware

Application February 27, 1936, Serial No. 66,023

19 Claims. (Cl. 271—3.6)



1. A material feed control comprising the combination of a device for feeding a web of material past a predetermined point, said web having indicia in spaced relation thereon, a mechanism for increasing and decreasing the rate of web feed, means responsive to a change of phase relation of said indicia to said point to actuate said mechanism to both increase and decrease the rate of web feed according to said change of phase relation, and means associated with said responsive means to prevent the amplitude of rate change on said web from increasing cumulatively, whereby substantially constant phase relation between said indicia and said point is maintained.

2,168,768

COATING COMPOSITIONS

Ernst Helft, Berlin-Halensee, Germany, assignor to American Hyalsel Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application February 1, 1933, Serial No. 654,771. In Germany February 3, 1932

3 Claims. (Cl. 134—79)

1. A liquid coating composition comprising, in combination, nitro-cellulose, ethyl acetate, pulverulent material and a small proportion of dodecyl alcohol.

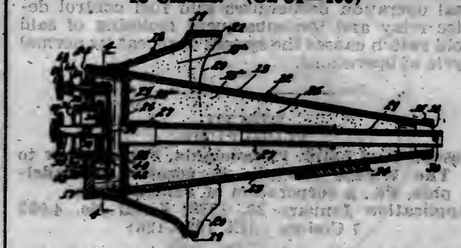
2,168,769

MUSICAL INSTRUMENT

Guy B. Humes, Chicago, Ill., assignor, by mesne assignments, of one-half to Willie Berg, Chicago, Ill.

Application November 11, 1936, Serial No. 110,292

13 Claims. (Cl. 84—409)



1. A device of the character described comprising a cone adapted to be inserted in the bell of a musical instrument, a chamber in said cone having an opening adapted to register with said bell, and a bell on said cone adapted to form a sound chamber with the bell of said instrument, and means on the inner walls of said chamber adapted to mute sound emanating from said chambers.

2,168,770

PREIGNITION OIL BURNER SYSTEM

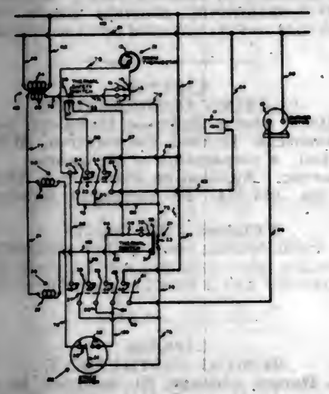
John P. Kriechbaum, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware

Application May 21, 1934, Serial No. 726,764

3 Claims. (Cl. 158—28)

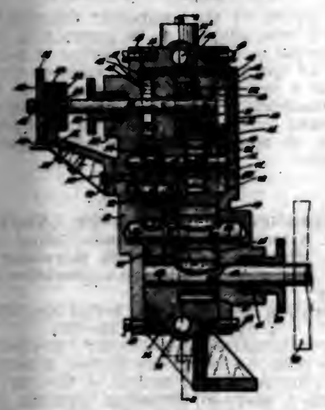
1. In combination, a fuel control device, a first relay in control thereof, an igniter, a second relay in control of said igniter, a thermal timer including a thermal actuating element and an associated electrical heater, a timer switch closed by the timer thermal actuating element when heated to a predetermined degree by its associated heater, hot and cold combustion responsive switches arranged to close the cold switch a delayed interval after opening of said hot switch upon combustion failure, said hot switch being closed before opening of said cold switch upon establishment of combustion, a main switch, circuit connections for energizing the actuator of said

igniter relay and the heater of said thermal timer controlled by said main switch and cold switch, circuit connections for energizing the actuator of said fuel control device relay controlled by said timer switch and said main switch, and a maintaining circuit for the actuator of said fuel con-



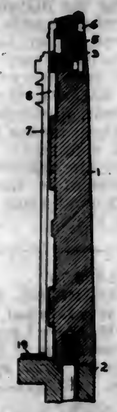
trol device relay controlled by said main switch and said hot switch, whereby opening of said hot switch as a result of a failure of flame during normal operation deenergizes said fuel control device relay and the subsequent reclosing of said cold switch causes the system to repeat its normal cycle of operations.

2,108,771
FLUID PUMP
Joseph Paul Laird, Philadelphia, Pa., assignor to The Wicaco Machine Corporation, Philadelphia, Pa., a corporation of Pennsylvania
Application January 30, 1935, Serial No. 4,003
7 Claims. (Cl. 103—126)



1. A gear pump comprising front and back pump plates, a body between the plates, means for connecting the plates against the body protecting against leakage, a driving shaft, bearings therefor, a driving primary pump gear on the driving shaft, a primary pump driven shaft, bearings therefor, a driven pump gear upon said driven shaft and meshing with the driving pump gear, a driving transmission gear driven from said driven shaft, a driven transmission gear driven from the driving transmission gear, a shaft and bearings therefor, a driving secondary pump gear mounted upon the driven transmission shaft, a driven secondary pump gear adapted to mesh with and be adjusted axially with respect to the driving secondary pump gear, walls forming a cylinder fitting the driven secondary pump gear, pistons at opposite ends of the driven secondary pump gear, movable in the cylinder, one of them having an arcuate opening to accommodate the driving secondary pump gear, a filler for the arcuate opening, means for shifting the pistons and driven secondary pump gear longitudinally, walls forming an inlet to the primary pump, an outlet from the secondary pump and a series connection between the pumps, and the transmission gearing between the pumps being proportioned to operate the secondary pump at a higher speed than the primary pump.

2,108,772
NEEDLE BED FOR KNITTING MACHINES
Robert H. Lawson and William L. Smith, Jr., Pawtucket, R. I., assignors to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application February 20, 1935, Serial No. 7,424
In Canada August 21, 1934
6 Claims. (Cl. 66—115)

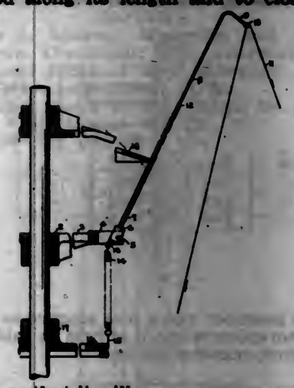


1. A needle bed for knitting machines having slots within which needles are adapted to slide, said slots being formed of hardened strips removably clamped in said bed to serve as the walls of said slot, and other hardened strips between said first mentioned strips projecting from the surface of said bed a distance sufficient to form a backing for needles and held in place by a positioning lug and frictional engagement with said first mentioned strips, the construction being such that said second mentioned strips may be inserted or removed without disturbance of the first mentioned strips or their clamping means.

2,108,773
TAKE-UP ROD
Robert H. Lawson, Pawtucket, R. I., assignor to Hemphill Company, Central Falls, R. I., a corporation of Massachusetts
Application April 28, 1936, Serial No. 76,777
7 Claims. (Cl. 66—146)

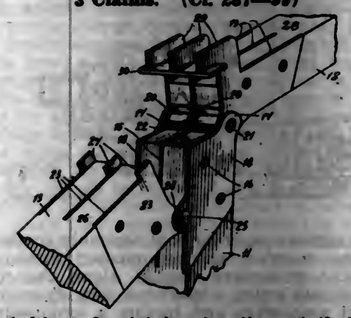
1. A take-up rod for machines of the type described comprising a yarn tensioning arm resiliently urged in one direction and means at-

tached to said arm for allowing the same to be displaced along its length and to elongate the



said rod so that it will assume an accessible position for the purpose of threading.

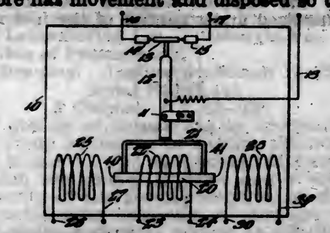
2,108,774
HINGE
Sidney Lipert, Edmonton, England
Application December 28, 1936, Serial No. 117,833
In Great Britain March 21, 1936
3 Claims. (Cl. 287—99)



3. A hinge for joining together at their ends three bars, two of which are pivoted on the third and are adapted to be collapsed to lie adjacent and parallel with the third along opposite edges thereof, and are adapted to be erected, one by a movement through two right angles into alignment with the third bar, and the second by a movement through one right angle into perpendicularity with the third bar, comprising in combination, side plates and reinforcing plates fixed in parallel in the ends of the bars and having projecting ears, and hinge pins passing through co-operating ears on the plates of the first and third bars, and of the second and third.

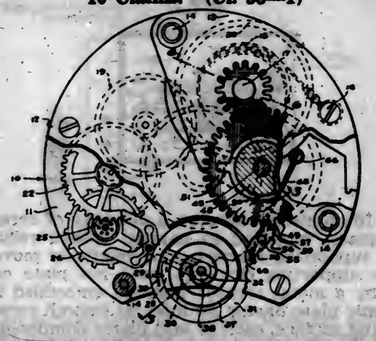
2,108,775
RELAY
William D. Macgeorge, Woodbury, N. J., assignor to Automatic Temperature Control Company, Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application October 8, 1935, Serial No. 44,014
10 Claims. (Cl. 175—320)

1. A differential relay comprising a deviating coil having an axis, an armature core, means mounting the armature core for guided movement, the core disposed adjacent to said coil substantially concentric with the axis thereof, a polarizing and centering coil relative to which the core has movement and disposed so that the



core is in its field, and the core and centering coil acting together as a solenoid, circuit controlling means operatively associated with the armature core.

2,108,776
STARTING MECHANISM
Andrew G. McNicoll, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application August 28, 1936, Serial No. 98,288
10 Claims. (Cl. 58—1)

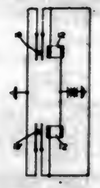


1. A device of the character described, comprising, in combination, a clock mechanism including a balance wheel, a winding stem, means to rotate said winding stem, and means to impart the motion initially imparted to said winding stem to said balance wheel to agitate the same and start said clock mechanism, said last mentioned means comprising a gear affixed to said winding stem, and resilient means adjacent said balance wheel actuated by said gear and adapted to brush against said balance wheel upon motion of said winding stem.

2,108,777
ROTARY SWITCH
Harold P. Mixer, Frankfort, N. Y., assignor to Remington Rand Inc., Buffalo, N. Y., a corporation of Delaware
Application December 7, 1935, Serial No. 53,285
4 Claims. (Cl. 175—375)

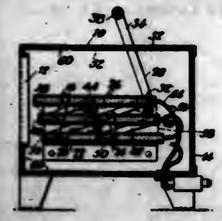
1. The combination of a pair of step by step switches, each provided with a plurality of wipers and a stepping magnet therefor, means responsive to the energization and deenergization of each of the stepping magnets for stepping the wipers, and interrupter contacts interacting with each of the stepping magnets, the interrupter contacts in each switch being included in an operating circuit of the associated stepping mag-

net in the same switch and in an operating circuit of the stepping magnet of the other switch whereby the stepping magnets are simultaneously energized under control of the interrupter



contacts in either switch and simultaneously deenergized under the joint control of the interrupter contacts in the several switches to step the wipers of the switches in unison.

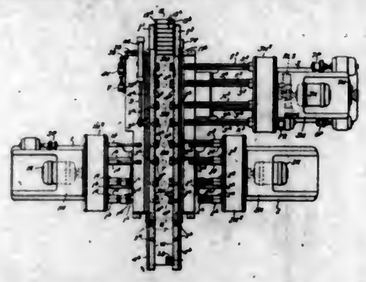
2,106,778
ELECTRIC TOASTER
John D. Morgan, South Orange, N. J., assignor to Power Patents Company, Hillside, N. J., a corporation of Maine
Application September 17, 1936, Serial No. 101,237
3 Claims. (Cl. 219—19)



1. In an electric toaster, a plurality of ceramic hot plates mounted in parallel spaced relation on a supporting frame having relatively movable plate supporting elements, each hot plate comprising a metal resistor filament embedded in a ceramic plate having an integral smooth ceramic heating surface, each of said plates composed essentially of a mixture of about 40 to 50 parts of zircon, 60 to 50 parts of finely ground ferrosilicon bonded with about 6% of phosphoric acid, parallel motion connecting links and guide members for the movable elements of the frame whereby the spacing between the hot plates can be varied to accommodate slices of bread and sandwiches, and conductors connecting the resistor filaments in series with a source of electric current.

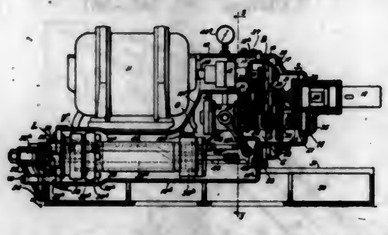
2,106,779
MULTIPLE MACHINE TOOL
Robert A. Schafer, Charles H. Muhl, Earl E. Opel, and John B. Reissman, Richmond, Ind., assignors to The National Automatic Tool Company, Richmond, Ind., a corporation of Indiana
Application August 15, 1933, Serial No. 685,242
40 Claims. (Cl. 77—32)

11. In a machine tool a work-carrier comprising a pair of spaced apart slide-bars; a work holding fixture adjacent said carrier; a work-transfer device movable transversely to the movement of said work-carrier; hydraulically actuated means to give said work-carrier an indexing movement to move a workpiece carried thereby into the path of movement of said work-transfer device; hydraulically actuated means to advance said work-transfer device to cause it to remove a workpiece from said work-carrier and place it in said fixture; means supplemental to the last named means to retain said transfer device in



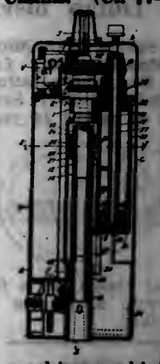
advanced position; and a tool adapted to operate on said workpiece while it is held in said fixture by said work-transfer device.

2,106,780
SUBMERGED MOTOR
Lawrence L. Schauer, Wyoming, and John H. McKewen, Cincinnati, Ohio, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio, a corporation of Ohio
Application September 10, 1935, Serial No. 39,884
10 Claims. (Cl. 77—32)



1. A unitary machine tool assembly combining a frame member having opposed upstanding sidewalls; guideways formed along the upper edges of said walls; a tool head slidably mounted on said guideways and having a longitudinally arranged fully closed oil compartment for propelling liquid extending a substantial distance inwardly between the said side walls of said frame member; a tool spindle journaled in said head; an hydraulic power transmission for propelling said head along said guideways and for rotating said spindle including a prime mover carried bodily by said head, a pump located in said oil compartment, driving connections between said pump and prime mover and between said spindle and said prime mover, a power cylinder located in the lower portion of said oil compartment and secured to and translatable with said head, a non-translatable piston and piston rod in said cylinder, the axis of said cylinder, piston and piston rod being longitudinally disposed within said oil compartment; and means mounting said cylinder in said head and said piston and piston rod to said frame in a position such that the axis of said members lies substantially in the plane of the said opposed guideways, said last named means including a combined cylinder head and supporting bracket member for closing the rod end of said cylinder and the ajacent end of said oil compartment and for mounting said cylinder in fixed relation to said slidable head member within the lower portion of said oil compartment.

2,106,781
CYLINDER MOUNTING FOR HYDRAULIC MOTORS
Lawrence L. Schauer, Wyoming, and John H. McKewen, Cincinnati, Ohio, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio, a corporation of Ohio
Application March 28, 1933, Serial No. 663,168
6 Claims. (Cl. 77—32)



4. A drilling machine combining a head member, a translatable drill spindle assembly supported within and substantially enclosed by said head, comprising a rotatable and axially translatable spindle shaft member and a non-rotatable spindle sleeve member translatable therewith; hydraulically actuated means located within said head and laterally offset from the axis of said spindle assembly for translating said assembly; a pair of axially aligned spaced guide means for guiding end portions of said assembly, the space between adjacent ends of said guide means being substantially equal to the distance of available translation of said assembly; said hydraulic means including a piston element and a relatively translatable cooperating cylinder element; and a rigid connection between one of said elements and said assembly intermediate said spaced guide means and bodily translatable in said head in the region between said spaced guide means for translating said assembly.

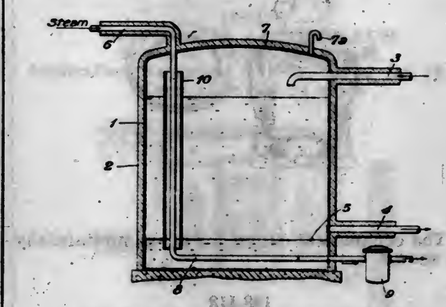
2,106,782
VULCANIZATION OF RUBBER
Robert L. Sibley, Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo., a corporation of Delaware
No Drawing. Application November 23, 1935, Serial No. 51,223
10 Claims. (Cl. 18—53)

1. The process of vulcanizing rubber which comprises heating rubber and sulfur in the presence of a diphenyl guanidine salt of benzene sulfonic acid and in addition thereto the reaction product of dimethylol urea and mercaptobenzothiazole.

2,106,783
PROCESS OF SEPARATING INORGANIC SALTS FROM SOLUTIONS
George W. Smith, Pittsburgh, Pa., assignor to Hall Laboratories, Inc., Pittsburgh, Pa., a corporation of Pennsylvania
No Drawing. Application March 12, 1936, Serial No. 68,445
8 Claims. (Cl. 23—59)

5. A process of separating an inorganic salt of the group consisting of sodium chloride, trisodium phosphate and ammonium sulphate from a solution containing the same and in addition an impurity of the group consisting of alkaline earth metal salts and salts of divalent heavy metals, which comprises adding an alkali-metal hexametaphosphate to the solution to hold the impurities in solution, and evaporating the solution to precipitate the inorganic salt.

2,106,784
STORAGE TANK
Thomas E. Stockdale, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application June 15, 1936, Serial No. 85,188
2 Claims. (Cl. 220—85)



1. In a large capacity type of tank for storing a body of fusible normally solid hydrocarbon material such as wax, wherein there is provided a tubular heater disposed adjacent the bottom of the tank for producing liquefaction of the material adjacent a draw-off line for causing it to flow therethrough; the combination therewith of means for quickly establishing a pressure relief passageway through said body of solid material between the top thereof and said portion adjacent said tubular heating means, whereby to relieve the pressure produced by the heating of said last named portion of said material prior to the normal penetration of heat through said body of material to the upper portion thereof, said means comprising at least one conduit sleeve open at both ends, said sleeve extending from a point adjacent said tubular heater through said material to the top thereof and having a heating tube extending therethrough.

DESIGNS

FEBRUARY 15, 1938

108,417
DESIGN FOR A JUG
Jay L. Ambrose, Denver, Colo., assignor to Ambrose and Company, Denver, Colo., a corporation of Missouri
Application December 22, 1937, Serial No. 73,796
Term of patent 7 years



The ornamental design for a jug substantially as shown.

108,418
DESIGN FOR A DISPLAY STAND
Samuel Bloomfield, Chicago, Ill.
Application July 10, 1937, Serial No. 70,356
Term of patent 7 years



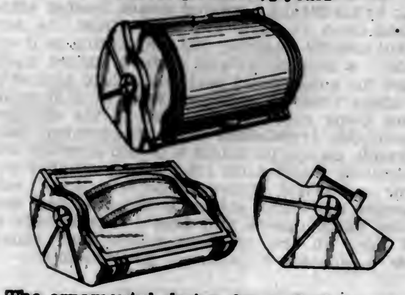
The ornamental design for a display stand, as shown.

108,419
DESIGN FOR A FACEPLATE FOR A SEE-GAUGE FOR LIQUID DISPENSING APPARATUS
Eric H. Bradley, Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa., a corporation of Delaware
Application December 4, 1937, Serial No. 73,376
Term of patent 14 years



The ornamental design for a faceplate for a see-gauge for liquid dispensing apparatus, as shown and described.

108,420
DESIGN FOR A DISPLAY CASE FOR WATCHES
Abraham S. Braude, Chicago, Ill.
Application December 6, 1937, Serial No. 73,385
Term of patent 3½ years



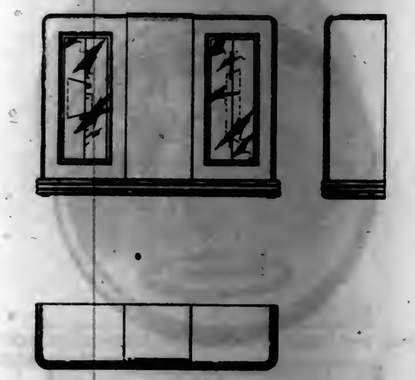
The ornamental design for a display case for watches, as shown.

108,421
DESIGN FOR A BEVERAGE TUMBLER
Allan Brill, Chicago, Ill.
Application October 28, 1937, Serial No. 72,487
Term of patent 14 years



The ornamental design for a beverage tumbler, as shown and described.

108,422
DESIGN FOR AN INSTRUMENT CASE
H. Brainard Brown, Rochester, N. Y., assignor to Taylor Instrument Companies, Rochester, N. Y., a corporation of New York
Application January 5, 1938, Serial No. 74,697
Term of patent 7 years



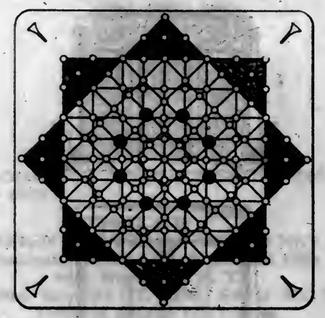
The ornamental design for an instrument case, as shown.

108,423
DESIGN FOR A COMBINED WAFFLE IRON AND TRAY OR SIMILAR ARTICLE
David Chapman, Chicago, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo., a corporation of Missouri
Application July 29, 1937, Serial No. 70,725
Term of patent 7 years



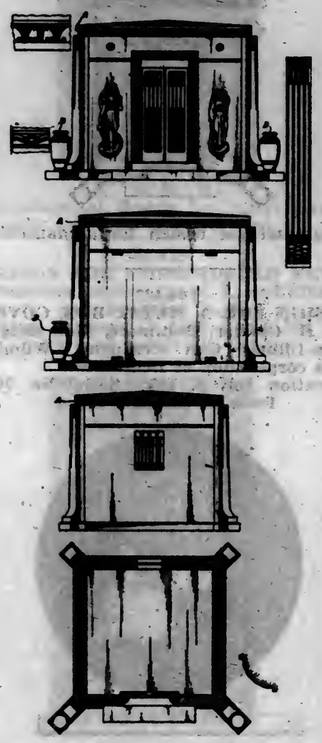
The ornamental design for a combined waffle iron and tray or similar article substantially as shown.

108,424
DESIGN FOR A GAME BOARD
Irvin W. Clary, El Paso, Tex.
Application December 15, 1937, Serial No. 73,644
Term of patent 14 years



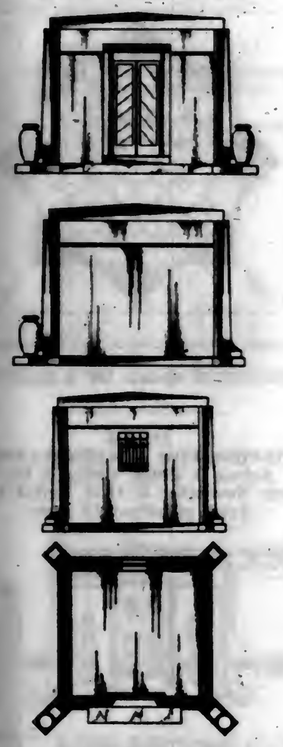
The ornamental design for a game board as shown.

108,425
DESIGN FOR A MAUSOLEUM
Selma O. Colbe, Chicago, Ill.
Application November 6, 1937, Serial No. 72,662
Term of patent 14 years



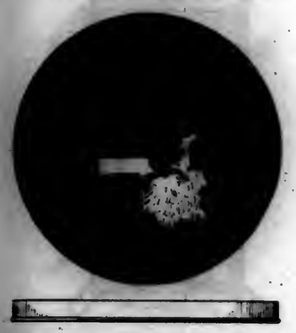
The ornamental design for a mausoleum as shown.

168,426
DESIGN FOR A MAUSOLEUM
Selma O. Colbe, Chicago, Ill.
Application December 17, 1937, Serial No. 73,685
Term of patent 7 years



The ornamental design for a mausoleum as shown.

168,427
DESIGN FOR A METAL BOX COVER
Martha H. Conner, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del., a corporation of Delaware
Application July 8, 1937, Serial No. 70,310
Term of patent 7 years



The ornamental design for a metal box cover substantially as shown.

168,428
DESIGN FOR A METAL BOX COVER
Martha H. Conner, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del., a corporation of Delaware
Application July 8, 1937, Serial No. 70,311
Term of patent 7 years



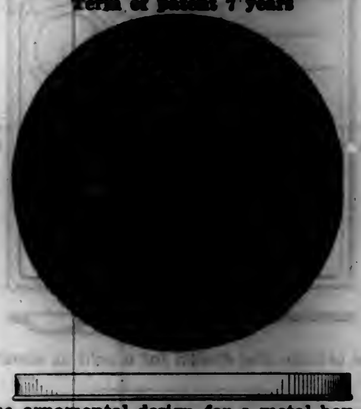
The ornamental design for a metal box cover substantially as shown.

168,429
DESIGN FOR A METAL BOX COVER
Martha H. Conner, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del., a corporation of Delaware
Application July 8, 1937, Serial No. 70,312
Term of patent 7 years



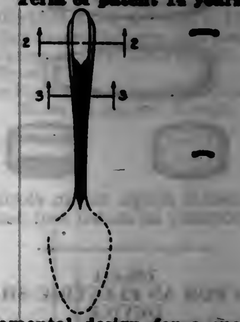
The ornamental design for a metal box cover substantially as shown.

168,430
DESIGN FOR A METAL BOX COVER
Martha H. Conner, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del., a corporation of Delaware
Application July 8, 1937, Serial No. 70,313
Term of patent 7 years



The ornamental design for a metal box cover substantially as shown.

168,431
DESIGN FOR A SPOON OR OTHER ARTICLE OF FLATWARE
Marwood A. Downs, Muncie, Ind., assignor to Ontario Manufacturing Company, Muncie, Ind., a corporation
Application December 30, 1937, Serial No. 73,988
Term of patent 14 years



The ornamental design for a spoon or other article of flatware, substantially as shown and described.

168,432
DESIGN FOR A FRINGED TEXTILE FABRIC
Samuel H. Geffner, New York, N. Y.
Application October 2, 1937, Serial No. 71,922
Term of patent 3½ years



The ornamental design for a fringed textile fabric, as shown.

168,433
DESIGN FOR EMBROIDERED LACE SCARF
Jack Goldstein, Bronx, N. Y.
Application September 9, 1937, Serial No. 71,519
Term of patent 3½ years



The ornamental design for embroidered lace scarf, as shown.

168,434
DESIGN FOR EMBROIDERED NET
Alex Grossman, Jersey City, N. J., and Ellis Axelrod, Brooklyn, N. Y.
Application January 17, 1938, Serial No. 74,365
Term of patent 3½ years



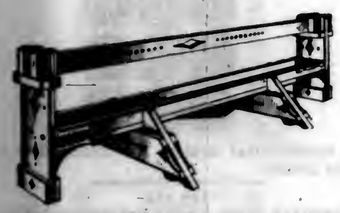
The ornamental design for embroidered net substantially as shown and described.

168,435
DESIGN FOR EMBROIDERED NET
Alex Grossman, Jersey City, N. J., and Ellis Axelrod, Brooklyn, N. Y.
Application January 17, 1938, Serial No. 74,367
Term of patent 3½ years



The ornamental design for embroidered net substantially as shown and described.

108,436
DESIGN FOR A FEEDING TROUGH
Ney Gwilt, Gridley, Calif.
Application December 21, 1937, Serial No. 73,787
Term of patent 3½ years



The ornamental design for a feeding trough, as shown.

108,437
DESIGN FOR A PRINTED TEXTILE FABRIC OR SIMILAR ARTICLE
Marion R. Hamre, Brooklyn, N. Y.
Application December 14, 1937, Serial No. 73,598
Term of patent 3½ years



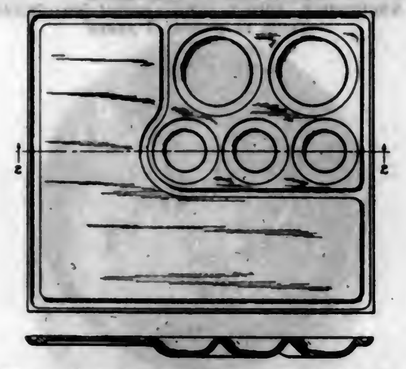
The ornamental design for a printed textile fabric or similar article as shown and described.

108,438
DESIGN FOR A PRINTED TEXTILE FABRIC OR SIMILAR ARTICLE
Marion R. Hamre, Brooklyn, N. Y.
Application December 14, 1937, Serial No. 73,601
Term of patent 3½ years



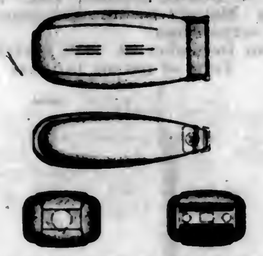
The ornamental design for a printed textile fabric or similar article as shown and described.

108,439
DESIGN FOR A GRILL
George A. Hamilton, Albany, N. Y.
Application December 8, 1937, Serial No. 73,479
Term of patent 14 years



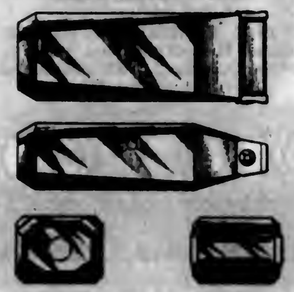
The ornamental design for a grill as shown.

108,440
DESIGN FOR AN ELECTRIC SHAVING DEVICE
John A. Hanley, Noroton, Conn.
Application November 23, 1937, Serial No. 73,116
Term of patent 14 years



The ornamental design for an electric shaving device, substantially as shown and described.

108,441
DESIGN FOR AN ELECTRIC SHAVING DEVICE
John A. Hanley, Noroton, Conn.
Application November 23, 1937, Serial No. 73,117
Term of patent 7 years



The ornamental design for an electric shaving device, substantially as shown.

108,442
DESIGN FOR A BADGE OR SIMILAR ARTICLE
Richard W. Hill, Larchmont, N. Y., assignor to The Graduate School of Banking, New York, N. Y., a voluntary association of New York
Application December 21, 1937, Serial No. 73,788
Term of patent 14 years



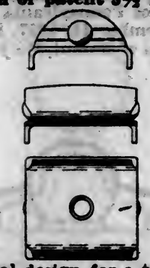
The ornamental design for a badge or similar article, as shown.

108,443
DESIGN FOR A TABLE LEG
Wolfgang Hoffmann, Batavia, Ill., assignor to The Howell Company, St. Charles, Ill., a corporation of Illinois
Application December 27, 1937, Serial No. 73,884
Term of patent 7 years



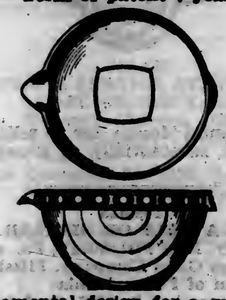
The ornamental design for a table leg, as shown and described.

108,444
DESIGN FOR A TRAFFIC MARKER
Joseph M. Huff, Oklahoma City, Okla.
Application January 27, 1937, Serial No. 67,307
Term of patent 3½ years



The ornamental design for a traffic marker, as shown.

108,445
DESIGN FOR A MIXING BOWL OR SIMILAR ARTICLE
Addis E. Hull, Zanesville, Ohio
Application November 4, 1937, Serial No. 72,626
Term of patent 7 years



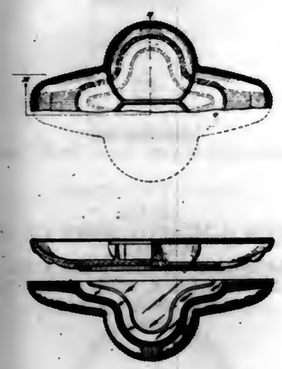
The ornamental design for a mixing bowl or similar article, as shown.

108,446
DESIGN FOR A DISPLAY STAND
Harry Stuart Johnston, Jr., Milwaukee, Wis., assignor to The Robert A. Johnston Company, Milwaukee, Wis., a corporation of Wisconsin
Application November 1, 1937, Serial No. 72,558
Term of patent 7 years



The ornamental design for a display stand, as shown and described.

108,447
DESIGN FOR A RELISH TRAY OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application November 11, 1937, Serial No. 72,786
Term of patent 3½ years



The ornamental design for a relish tray or similar article, substantially as shown and described.

108,448
DESIGN FOR A TRAY OR SIMILAR ARTICLE
Robert A. Kelly, East Pittsburgh, Pa., assignor to United States Glass Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application December 2, 1937, Serial No. 73,308
Term of patent 3½ years



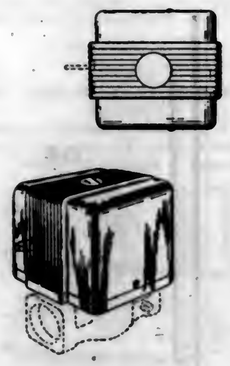
The ornamental design for a tray or similar article, substantially as shown and described.

108,449
DESIGN FOR A BOTTLE
William R. Kohl, Cumberland, Md., assignor to Carr-Lowrey Glass Co., Baltimore, Md.
Application July 10, 1937, Serial No. 70,347
Term of patent 14 years



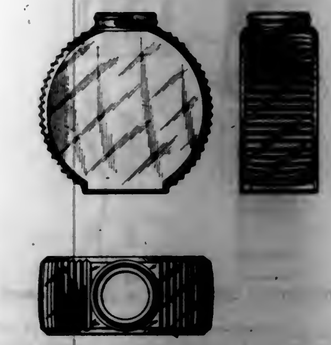
The ornamental design for a bottle, as shown.

108,450
DESIGN FOR A GAS VALVE OR SIMILAR CONTROL STRUCTURE
Eugene V. Lavallee, Des Moines, Iowa, assignor to Penn Electric Switch Co., Des Moines, Iowa, a corporation of Iowa
Application June 21, 1937, Serial No. 69,963
Term of patent 7 years



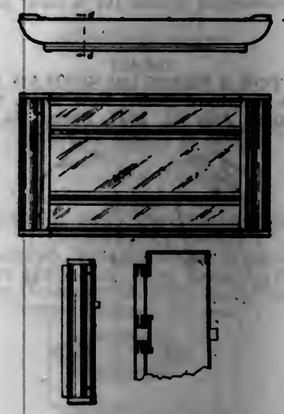
The ornamental design for a gas valve or similar control structure substantially as shown and described.

108,451
DESIGN FOR A BOTTLE
Philip G. Lloyd, Jackson Heights, N. Y., assignor to Carr-Lowrey Glass Co., Baltimore, Md.
Application August 3, 1937, Serial No. 70,822
Term of patent 14 years



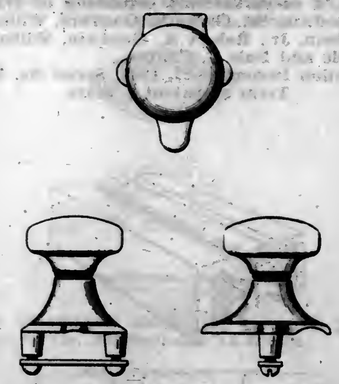
The ornamental design for a bottle, as shown.

108,452
DESIGN FOR AN INTERCHANGEABLE PRICE SIGN
Louis Manchan, Los Angeles, Calif.
Application April 28, 1937, Serial No. 69,011
Term of patent 7 years



The ornamental design for an interchangeable price sign as shown.

108,453
DESIGN FOR A STEERING WHEEL KNOB
Robert L. Mertens, Los Angeles, Calif.
Application July 27, 1936, Serial No. 64,089
Term of patent 7 years

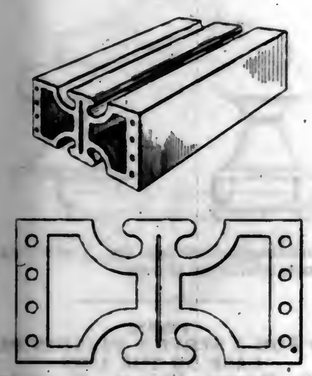


The ornamental design for a steering wheel knob substantially as shown.

108,454
DESIGN FOR A SERVICE STATION DISPLAY CASE OR THE LIKE
Ralph O. Munson, Chicago, Ill., assignor to Standard Oil Company, Chicago, Ill., a corporation of Indiana
Application December 24, 1937, Serial No. 73,852
Term of patent 7 years

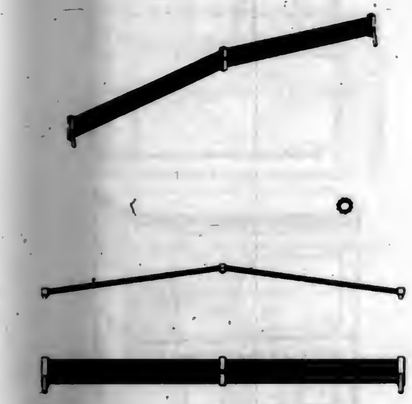
The ornamental design for a service station display case or the like, substantially as shown.

108,455
DESIGN FOR A BUILDING BLOCK OR SIMILAR ARTICLE
Fred E. Peertinga, Willmar, Minn., assignor to Redfield Brick & Tile Company, Redfield, Iowa, a co-partnership consisting of William J. Goodwin, Sr., Grace K. Goodwin, William J. Goodwin, Jr., Robert K. Goodwin, William A. Queale and Dale C. Chance
Application December 27, 1937, Serial No. 73,873
Term of patent 7 years



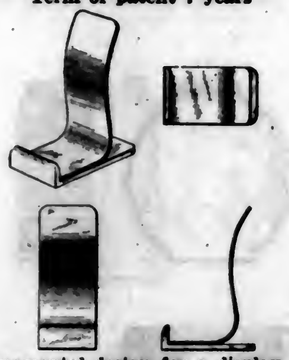
The ornamental design for a building block or similar article substantially as shown.

108,456
DESIGN FOR A WINDSHIELD DEFROSTING DEVICE
Warren A. Ramsay, Jersey City, N. J.
Application May 3, 1937, Serial No. 69,140
Term of patent 14 years



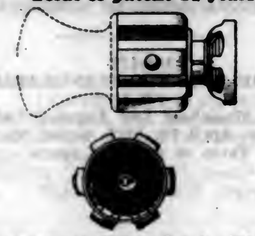
The ornamental design for a windshield defrosting device, as shown.

108,457
DESIGN FOR A DISPLAY EASEL
Carlos J. Rohde, New York, N. Y., assignor to Interstate Button Company, New York, N. Y., a corporation of New York
Application December 22, 1937, Serial No. 73,798
Term of patent 7 years



The ornamental design for a display easel, as shown.

108,458
DESIGN FOR A CIGAR LIGHTER
John Sinke, Oak Park, Ill.
Application June 21, 1937, Serial No. 69,969
Term of patent 14 years



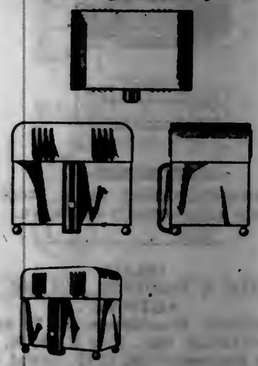
The ornamental design for a cigar lighter, as shown.

108,459
DESIGN FOR A DRESS OR SIMILAR ARTICLE
Lillie Bernhard Starr, New York, N. Y.
Application July 23, 1937, Serial No. 70,587
Term of patent 14 years



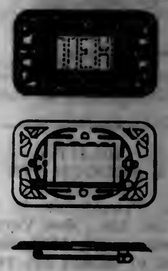
The ornamental design for a dress or similar article as shown and described.

108,460
DESIGN FOR A CASING FOR A CALORIMETRIC DEVICE
Clifford Brooks Stevens, Milwaukee, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis., a corporation of Delaware
Application December 18, 1937, Serial No. 73,698
Term of patent 14 years



The ornamental design for a casing for a calorimetric device, substantially as shown.

108,461
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Gene Verrecchio, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y.
Application December 20, 1937, Serial No. 73,746
Term of patent 3½ years



The ornamental design for a brooch pin or similar article, substantially as shown.

108,462
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Gene Verrecchio, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y.
Application December 20, 1937, Serial No. 73,747
Term of patent 3½ years



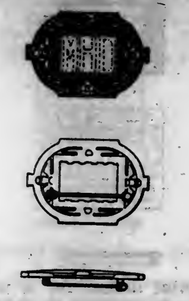
The ornamental design for a brooch pin or similar article, substantially as shown.

108,463
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Gene Verrecchio, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y.
Application December 20, 1937, Serial No. 73,748
Term of patent 3½ years



The ornamental design for a brooch pin or similar article, substantially as shown.

108,464
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Gene Verrecchio, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y.
Application December 20, 1937, Serial No. 73,749
Term of patent 3½ years



The ornamental design for a brooch pin or similar article, substantially as shown.

108,465
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Gene Verrecchio, Providence, R. I., assignor to Coro-Gram, Inc., New York, N. Y.
Application December 20, 1937, Serial No. 73,750
Term of patent 3½ years



The ornamental design for a brooch pin or similar article substantially as shown.

168,466
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Gene Verrecchio, Providence, R. I., assignor to Cere-Gram, Inc., New York, N. Y.
Application December 20, 1937, Serial No. 73,751
Term of patent 3½ years



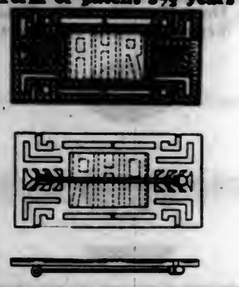
The ornamental design for a brooch pin or similar article substantially as shown.

168,467
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Gene Verrecchio, Providence, R. I., assignor to Cere-Gram, Inc., New York, N. Y.
Application December 20, 1937, Serial No. 73,752
Term of patent 3½ years



The ornamental design for a brooch pin or similar article substantially as shown.

168,468
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Gene Verrecchio, Providence, R. I., assignor to Cere-Gram, Inc., New York, N. Y.
Application December 20, 1937, Serial No. 73,753
Term of patent 3½ years



The ornamental design for a brooch pin or similar article substantially as shown.

168,469
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Gene Verrecchio, Providence, R. I., assignor to Cere-Gram, Inc., New York, N. Y.
Application December 20, 1937, Serial No. 73,754
Term of patent 3½ years



The ornamental design for a brooch pin or similar article substantially as shown.

168,470
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Gene Verrecchio, Providence, R. I., assignor to Cere-Gram, Inc., New York, N. Y.
Application December 20, 1937, Serial No. 73,755
Term of patent 3½ years



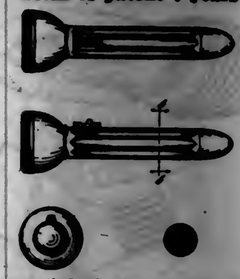
The ornamental design for a brooch pin or similar article substantially as shown.

168,471
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
Gene Verrecchio, Providence, R. I., assignor to Cere-Gram, Inc., New York, N. Y.
Application December 20, 1937, Serial No. 73,756
Term of patent 3½ years



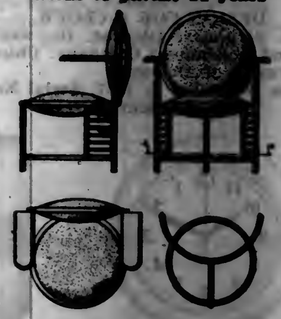
The ornamental design for a brooch pin or similar article substantially as shown.

168,472
DESIGN FOR A FLASHLIGHT
Orville T. Weed, Clinton, Mass., assignor to Blake Manufacturing Corporation, Clinton, Mass., a corporation of Massachusetts
Application September 20, 1938, Serial No. 85,060
Term of patent 7 years



The ornamental design for a flashlight as shown and described.

168,473
DESIGN FOR A CHAIR
Frank Lloyd Wright, Spring Green, Wis.
Application December 20, 1937, Serial No. 73,739
Term of patent 14 years



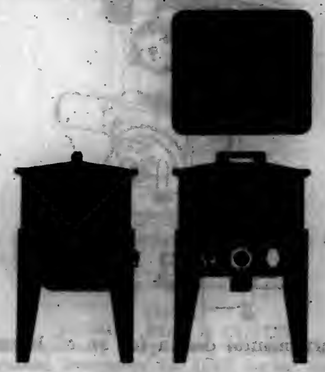
The ornamental design for a chair, as shown.

168,474
DESIGN FOR A SHOE OR SIMILAR ARTICLE
Newton Elkin, Philadelphia, Pa.
Application January 10, 1938, Serial No. 74,181
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown.

168,475
DESIGN FOR A STERILIZING UNIT OR SIMILAR ARTICLE
Henry M. Finn, Malden, and Max Laven, Boston, Mass.
Application August 25, 1937, Serial No. 71,327
Term of patent 7 years



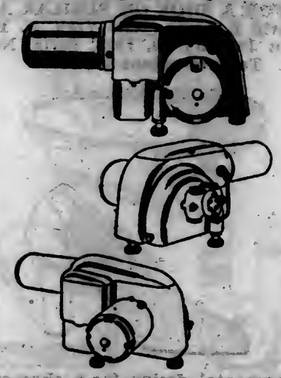
The ornamental design for a sterilizing unit or similar article, substantially as shown and described.

168,476
DESIGN FOR A BUCKLE
John B. Freysinger, New Britain, Conn.
Application November 20, 1937, Serial No. 73,268
Term of patent 3½ years



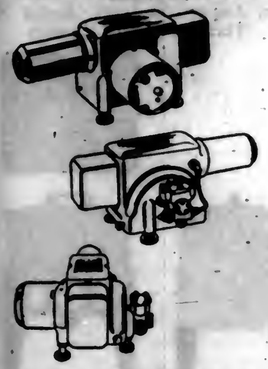
The ornamental design for a buckle, as shown.

168,477
DESIGN FOR AN OIL BURNER
Frank E. Herr, Lancaster, Pa.
Application December 1, 1937, Serial No. 73,301
Term of patent 7 years



The ornamental design for an oil burner, as shown.

106,478
DESIGN FOR AN OIL BURNER
Frank E. Herr, Lancaster, Pa.
Application December 1, 1937, Serial No. 73,302
Term of patent 7 years



The ornamental design for an oil burner, as shown.

106,479
DESIGN FOR A SHOE
Alphons Hurseler, New Rochelle, N. Y.
Application January 10, 1938, Serial No. 74,167
Term of patent 3½ years



The ornamental design for a shoe substantially as shown.

106,480
DESIGN FOR A SHOE OR SIMILAR ARTICLE
David E. Levin, New York, N. Y.
Application January 10, 1938, Serial No. 74,182
Term of patent 3½ years



The ornamental design for a shoe or similar article, substantially as shown.

106,481
DESIGN FOR A SHOE
Ralph A. Parker, Melrose, Mass., assignor to Everlastik, Incorporated, Chelsea, Mass., a corporation of Massachusetts
Application January 17, 1938, Serial No. 74,241
Term of patent 7 years



The ornamental design for a shoe, substantially as shown.

106,482
DESIGN FOR A CLOCK
George H. Stephens, Glencoe, Ill., assignor to Hammond Instrument Company, Chicago, Ill., a corporation of Delaware
Application December 4, 1937, Serial No. 73,364
Term of patent 14 years



The ornamental design for a clock as shown.

106,483
DESIGN FOR A LAUNDRY STOVE
John A. Underwood, Chicago, Ill., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill., a corporation of Illinois
Application July 15, 1937, Serial No. 70,465
Term of patent 7 years



The ornamental design for a laundry stove, as shown and described.

106,484
DESIGN FOR A LAUNDRY STOVE
John A. Underwood, Chicago, Ill., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill., a corporation of Illinois
Application July 15, 1937, Serial No. 70,466
Term of patent 7 years



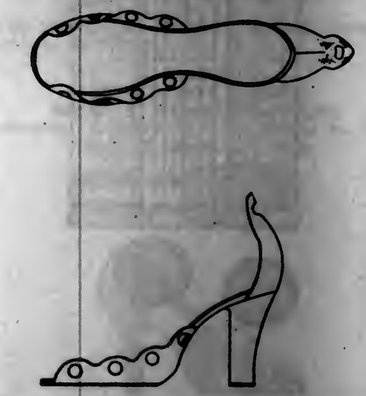
The ornamental design for a laundry stove, as shown and described.

106,485
DESIGN FOR A COMBINATION MIRROR, LIPSTICK, AND POWDER HOLDER
Sadye Elaine Wallace, New York, N. Y.
Application July 23, 1936, Serial No. 64,092
Term of patent 3½ years



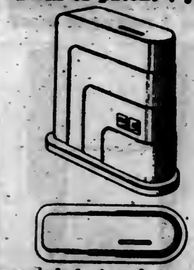
The ornamental design for a combination mirror, lipstick, and powder holder.

106,486
DESIGN FOR A SHOE
Philip Weinstein, Brooklyn, N. Y.
Application January 10, 1938, Serial No. 74,174
Term of patent 3½ years



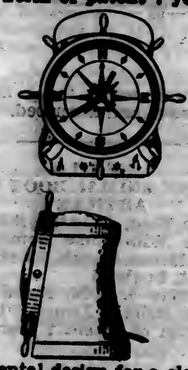
The ornamental design for a shoe substantially as shown.

106,487
DESIGN FOR A SAVINGS BANK
Jerome B. Aronson, Chicago, Ill.
Application December 23, 1937, Serial No. 73,833
Term of patent 7 years



The ornamental design for a savings bank, as shown and described.

106,488
DESIGN FOR A CLOCK
Fontinelle Scott Carpenter, Watertown, Mass.
Application December 24, 1937, Serial No. 73,870
Term of patent 7 years



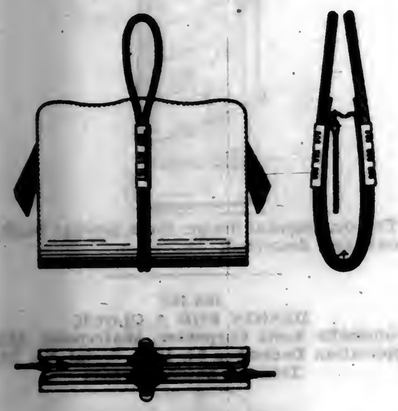
The ornamental design for a clock as shown.

106,489
DESIGN FOR AN ELECTRIC INSULATOR
Rolland E. Dalton, Fostoria, Ohio, assignor to Porcelain Products, Inc., Findlay, Ohio
Application November 29, 1937, Serial No. 73,246
Term of patent 14 years



The ornamental design for an electric insulator, as shown.

106,490
DESIGN FOR A HANDBAG
Henri Feinmann, Chicago, Ill.
Application January 20, 1938, Serial No. 74,450
Term of patent 3½ years



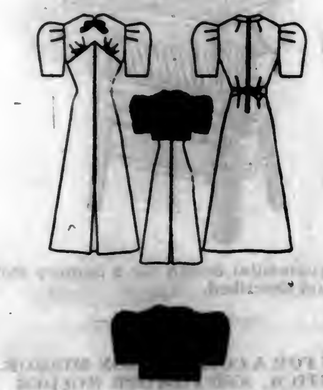
The ornamental design for a handbag, substantially as shown, and described.

106,491
DESIGN FOR AN ANIMAL BOOT OR SIMILAR ARTICLE
Frederick Percy Ford, Cheddar, Somerset, Albert Charles Cope, Winscombe, Somerset, and Arthur George Henry Gough, Tweentown, Cheddar, Somerset, England
Application May 5, 1936, Serial No. 62,486
In Great Britain January 10, 1936
Term of patent 7 years



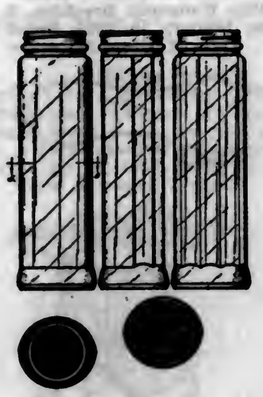
The ornamental design for an animal boot or similar article, substantially as shown and described.

106,492
DESIGN FOR A DRESS ENSEMBLE
Pauline Fraschia, New York, N. Y.
Application December 9, 1937, Serial No. 73,494
Term of patent 3½ years



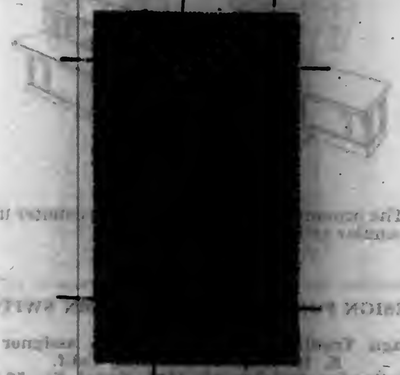
The ornamental design for a dress ensemble, substantially as shown and described.

106,493
DESIGN FOR A BOTTLE
Joe C. Fuller, Deerfield, Ill., assignor to King-Fuller Co., Chicago, Ill., a corporation of Illinois
Application July 8, 1937, Serial No. 70,296
Term of patent 14 years



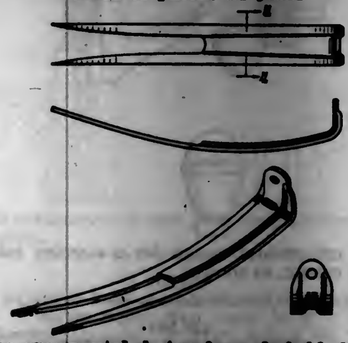
The ornamental design for a bottle as shown.

106,494
DESIGN FOR EMBROIDERED NET
Alex Grossman, Jersey City, N. J., and Ella Axelrod, Brooklyn, N. Y.
Application January 17, 1938, Serial No. 74,366
Term of patent 3½ years



The ornamental design for embroidered net substantially as shown and described.

106,495
DESIGN FOR A FORK BLADE
Clarence E. T. Hess, Prairie View, Ill.
Application March 24, 1937, Serial No. 68,285
Term of patent 14 years



The ornamental design for a fork blade, substantially as shown.

106,496
DESIGN FOR A SHOE
Adolph A. Ketsin, Chicago, Ill.
Application January 18, 1938, Serial No. 74,386
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

106,497
DESIGN FOR A PANEL COUPLING AND SUPPORTING CLIP FOR USE IN COUNTER DISPLAY
Pierre H. Meyer, Mount Vernon, N. Y.
Application December 22, 1937, Serial No. 73,830
Term of patent 7 years



The ornamental design for a panel coupling and supporting clip for use in counter display as shown.

106,498
DESIGN FOR A RADIATOR GRILLE
John Oswald, Lansing, Mich., assignor to General Motors Corporation, Detroit, Mich., a corporation of Delaware
Application November 24, 1937, Serial No. 73,161
Term of patent 3½ years



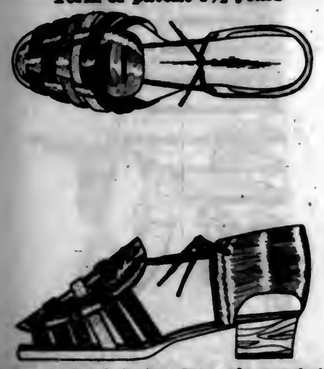
The ornamental design for a radiator grille as shown.

106,499
DESIGN FOR A PHONOGRAPH
David C. Rockola, Chicago, Ill., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill., a corporation of Delaware
Application December 8, 1937, Serial No. 73,492
Term of patent 14 years



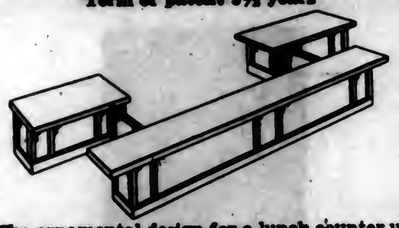
The ornamental design for a phonograph, as shown.

106,500
DESIGN FOR A SHOE
Max Shanzer, New York, N. Y.
Application January 12, 1938, Serial No. 74,248
Term of patent 3½ years



The ornamental design for a shoe, substantially as shown.

106,501
DESIGN FOR A LUNCH COUNTER UNIT OR SIMILAR ARTICLE
William W. Stevens, Dallas, Tex.
Application February 5, 1937, Serial No. 67,471
Term of patent 3½ years



The ornamental design for a lunch counter unit or similar article, as shown.

106,502
DESIGN FOR A STEERING COLUMN SWITCH CASING
Wagn Trautner, Springdale, Ohio, assignor to E. H. Kneffer, Oakland, Calif.
Application October 29, 1937, Serial No. 72,505
Term of patent 14 years



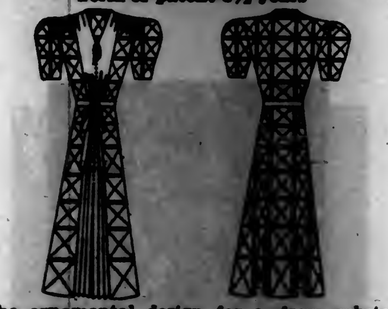
The ornamental design for a steering column switch casing, as shown.

106,503
DESIGN FOR A SCOOTER
Robert V. Ward, Richmond Hill, N. Y.
Application July 12, 1937, Serial No. 70,369
Term of patent 3½ years



The ornamental design for a scooter as shown.

106,504
DESIGN FOR A DRESS
Jacob Abbate, New York, N. Y.
Application January 18, 1938, Serial No. 74,378
Term of patent 3½ years



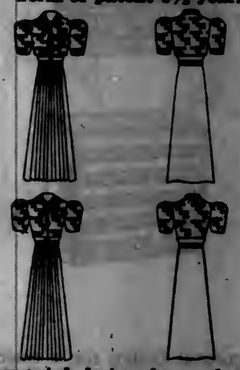
The ornamental design for a dress substantially as shown.

106,505
DESIGN FOR A DRESS
Jacob Abbate, New York, N. Y.
Application January 31, 1938, Serial No. 74,453
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

106,506
DESIGN FOR A DRESS ENSEMBLE
Helen Berry, New York, N. Y.
Application January 26, 1938, Serial No. 74,526
Term of patent 3½ years



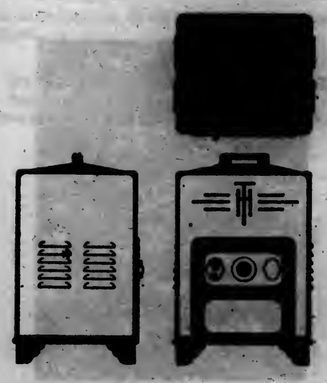
The ornamental design for a dress ensemble substantially as shown and described.

106,507
DESIGN FOR A DRESS
Tera Coleman, New York, N. Y.
Application January 14, 1938, Serial No. 74,276
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

106,508
DESIGN FOR A STERILIZING UNIT OR SIMILAR ARTICLE
Henry M. Finn, Malden, and Max Laven, Boston, Mass.
Application August 25, 1937, Serial No. 71,326
Term of patent 7 years



The ornamental design for a sterilizing unit or similar article substantially as shown and described.

106,509
DESIGN FOR A TEXTILE FABRIC
Jacob Granowitz, New York, N. Y.
Application January 21, 1938, Serial No. 74,460
Term of patent 3½ years



The ornamental design for a textile fabric substantially as shown and described.

106,510
DESIGN FOR A TEXTILE FABRIC
Jacob Granowitz, New York, N. Y.
Application January 21, 1938, Serial No. 74,461
Term of patent 3½ years



The ornamental design for a textile fabric substantially as shown and described.

106,511
DESIGN FOR A TEXTILE FABRIC
William Herm, Philadelphia, Pa.
Application January 26, 1938, Serial No. 74,550
Term of patent 3½ years



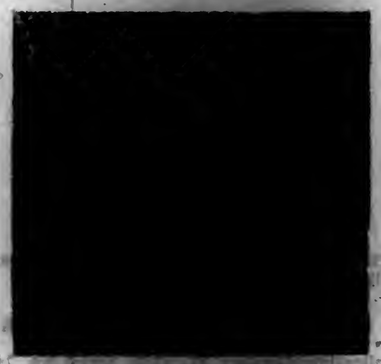
The ornamental design for a textile fabric substantially as shown.

106,512
DESIGN FOR A CASING FOR UNIT HEATER OR SIMILAR ARTICLE
Clarence R. T. Hess, Prairie View, Ill., assignor to Perfex Corporation, Milwaukee, Wis., a corporation of Wisconsin
Application August 30, 1937, Serial No. 71,281
Term of patent 7 years



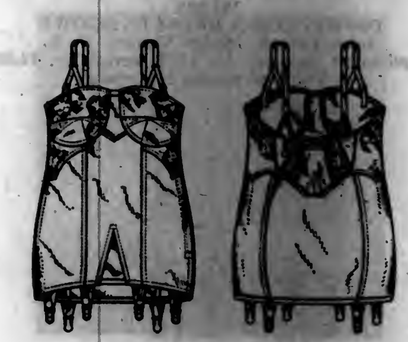
The ornamental design for a casing for unit heater or similar article, substantially as shown and described.

106,513
DESIGN FOR A TEXTILE FABRIC
John H. Haslat, New York, N. Y.
Application January 26, 1938, Serial No. 74,554
Term of patent 3½ years



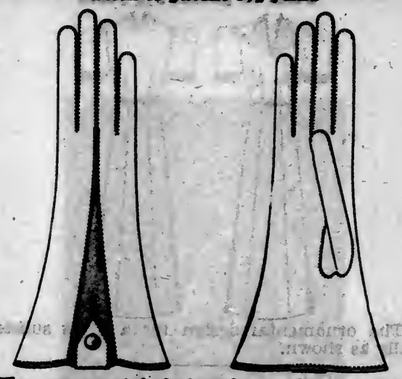
The ornamental design for a textile fabric, substantially as shown.

106,514
DESIGN FOR A COMBINATION CORSET AND BRASSIÈRE
Marie Lagumi, Aurora, Ill., assignor to International Corset Company, Aurora, Ill., a corporation of Illinois
Application December 31, 1937, Serial No. 74,026
Term of patent 7 years



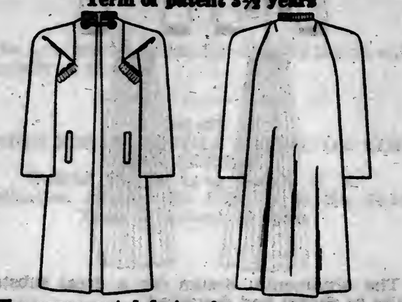
The ornamental design for a combination corset and brassière, as shown.

106,515
DESIGN FOR A GLOVE
Samuel Shapiro, New York, N. Y.
Application December 4, 1937, Serial No. 73,269
Term of patent 3½ years



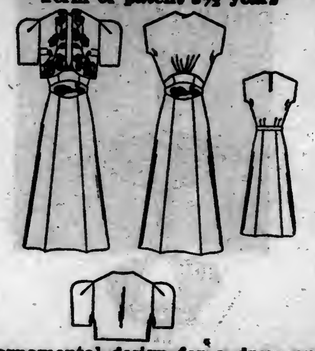
The ornamental design for a glove, substantially as shown.

106,516
DESIGN FOR A COAT
Jacob A. Silverman, New York, N. Y.
Application January 20, 1938, Serial No. 74,446
Term of patent 3½ years



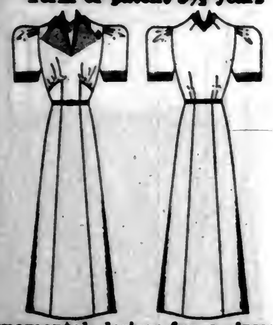
The ornamental design for a coat, substantially as shown.

106,517
DESIGN FOR A DRESS ENSEMBLE
Marie Eileen Smith, New York, N. Y.
Application January 17, 1938, Serial No. 74,337
Term of patent 3½ years



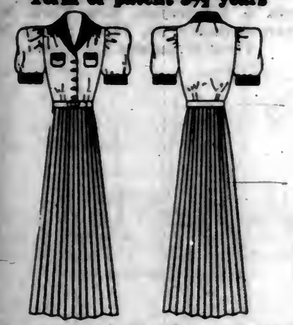
The ornamental design for a dress ensemble, substantially as shown, and described.

106,518
DESIGN FOR A DRESS
Jacob M. Spar, New York, N. Y.
Application January 22, 1938, Serial No. 74,469
Term of patent 3½ years



The ornamental design for a dress substantially as shown.

106,519
DESIGN FOR A DRESS
Jacob M. Spar, New York, N. Y.
Application January 25, 1938, Serial No. 74,515
Term of patent 3½ years



The ornamental design for a dress substantially as shown and described.

106,520
DESIGN FOR A CAPE
Max Teller, New York, N. Y.
Application January 4, 1938, Serial No. 74,081
Term of patent 3½ years



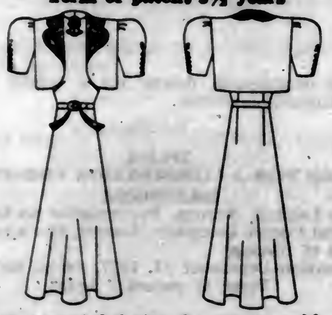
The ornamental design for a cape, substantially as shown and described.

106,521
DESIGN FOR A CAPE
Max Teller, New York, N. Y.
Application January 4, 1938, Serial No. 74,083
Term of patent 3½ years



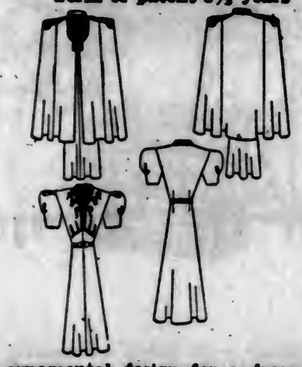
The ornamental design for a cape, substantially as shown and described.

106,522
DESIGN FOR AN ENSEMBLE DRESS
John Tuman, Mount Vernon, N. Y.
Application January 11, 1938, Serial No. 74,194
Term of patent 3½ years



The ornamental design for an ensemble dress, substantially as shown and described.

106,523
DESIGN FOR A DRESS ENSEMBLE
John Tuman, Mount Vernon, N. Y.
Application January 15, 1938, Serial No. 74,328
Term of patent 3½ years



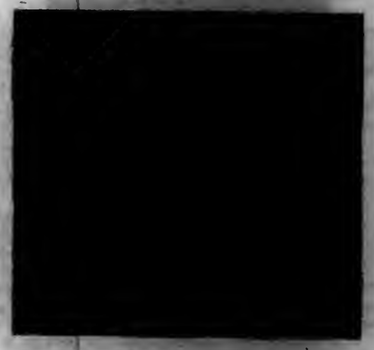
The ornamental design for a dress ensemble substantially as shown.

106,524
DESIGN FOR A TEXTILE FABRIC
Mark Turpan, West New York, N. J.
Application January 26, 1938, Serial No. 74,551
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

106,525
DESIGN FOR A TEXTILE FABRIC
Mark Turpan, West New York, N. J.
Application January 26, 1938, Serial No. 74,552
Term of patent 7 years



The ornamental design for a textile fabric substantially as shown.

106,526
DESIGN FOR A TEXTILE FABRIC
Mark Turpan, West New York, N. J.
Application January 26, 1938, Serial No. 74,553
Term of patent 7 years



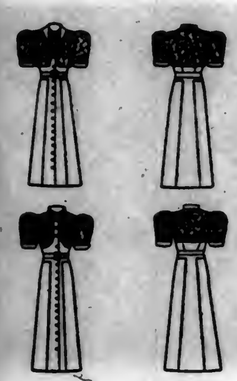
The ornamental design for a textile fabric, substantially as shown.

106,527
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Gabriel Virgile, Long Beach, N. Y.
Application January 25, 1938, Serial No. 74,517
Term of patent 14 years



The ornamental design for a textile fabric or similar article as shown and described.

106,526
DESIGN FOR A DRESS ENSEMBLE
Mildred Wagner, New York, N. Y.
Application January 26, 1938, Serial No. 74,529
Term of patent 14 years



The ornamental design for a dress ensemble substantially as shown.

106,527
DESIGN FOR A DRESS
Murray White, Brookline, Mass.
Application January 3, 1938, Serial No. 74,037
Term of patent 3½ years



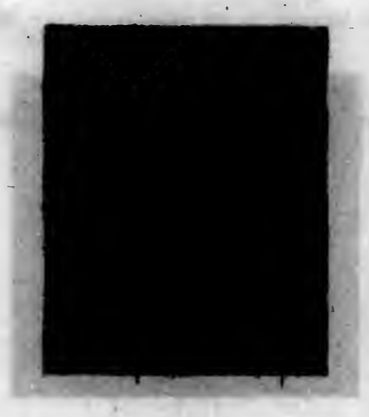
The ornamental design for a dress as shown.

106,529
DESIGN FOR A DRESS
Murray White, Brookline, Mass.
Application January 3, 1938, Serial No. 74,039
Term of patent 3½ years



The ornamental design for a dress as shown.

106,531
DESIGN FOR A TEXTILE FABRIC
Nathan Wishbow, New York, N. Y.
Application January 20, 1938, Serial No. 74,430
Term of patent 3½ years



The ornamental design for a textile fabric substantially as shown and described.

Patents Nos. 2,108,785 to 2,109,448

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Reissues	7—No. 21,022 to No. 21,028, inclusive.	
Patents	491—No. 2,103,785 to No. 2,104,275, inclusive.	
Designs	79—No. 102,290 to No. 102,368, inclusive.	
Total	870	

Adjudicated Patents

(C. C. A. Wis.) Ogiesby patent, No. 1,275,294, for combined internal-combustion engine and magneto, claims 7 and 8 *Held* invalid. *Briggs & Stratton Corporation* v. *Quick Action Ignition Co.*, 93 F.(2d) 207.

(C. C. A. Wis.) Ogiesby patent, No. 1,338,151, for detachable magneto-armature heads and core, claim 3 *Held* invalid. *Id.*

(C. C. A. Ill.) Chaney patent, No. 1,497,543, for absorptive carbon and process of making the same, claims 14, 15, and 17 *Held* invalid. *National Carbon Co.* v. *Western Shade Cloth Co.*, 93 F.(2d) 94.

(C. C. A. Ill.) Chaney patent, No. 1,497,544, for absorbent charcoal and process for making the same, claims 9, 11, and 12 *Held* invalid. *Id.*

(C. C. A. Ill.) Breese patent, No. 1,522,696, for friction shock-absorbing mechanism, claim 1 *Held* valid and infringed. *Peerless Equipment Co.* v. *W. H. Miner, Inc.*, 93 F.(2d) 96.

(C. C. A. Ill.) Older patent, No. 1,534,226, for metallic expansion joint for concrete roads and the like, claims 6, 9, 10, and 12 *Held* valid and infringed. *Highway Appliances Co.* v. *American Concrete Expansion Joint Co.*, 93 F.(2d) 113.

(C. C. A. Wis.) Anderson patent, No. 1,595,958, for window frame, *Held* invalid. *Anderson Frame Corporation* v. *Hurd Lumber Co.*, 93 F.(2d) 185.

(D. C. Del.) Loutrel patent, No. 1,655,013, for compression-spring washer, *Held* invalid. *National Lock Washer Co.* v. *George K. Garrett Co.*, 21 F. Supp. 488.

(C. C. A. Ill.) Johnson patent, No. 1,730,214, for friction shock-absorbing mechanism, claims 1, 2, 3, 4, and 5 *Held* valid and infringed. *Peerless Equipment Co.* v. *W. H. Miner, Inc.*, 93 F.(2d) 96.

(C. C. A. Mass.) Cohen patent, No. 1,754,669, for heater, *Held* invalid. *Casco Products Corporation* v. *Zeiger*, 93 F.(2d) 210.

(C. C. A. Ill.) Paulin and Froom patent, No. 1,938,495, for game apparatus, claims 1, 2, 3, 6, 7, 8, 9, 18, 20, and 23 *Held* invalid. *Higby* v. *A. B. T. Mfg. Co.*, 93 F.(2d) 73.

(D. C. N. Y.) Upson patent, No. 1,957,237, for fan blade, claim 7 *Held* invalid, claims 8, 9, and 17 *Held* not infringed. *General Electric Co.* v. *Parr Electric Co.*, 21 F. Supp. 471.

(D. C. N. Y.) Gosling design patent, No. 89,076, for electric fan, *Held* not infringed. *Id.*

(C. C. A. Ill.) Hoffmann design patent, No. D-96,183, for chair, *Held* invalid. *Howell Co.* v. *Royal Metal Mfg. Co.*, 93 F.(2d) 112.

Adverse Decisions in Interference

Where the claims of a patent are affected by adverse decision or concession of priority as the result of an interference, a notice as to the patented claims thus affected will be published in the OFFICIAL GAZETTE after final decision in the proceedings.

Suggestion for the Use of Coupons

The execution of orders for printed copies of U. S. patents, trade-marks, etc., will be considerably expedited if coupons are used. Such coupons may be purchased at the Patent Office in lots of 20 at $2.00 and 100 at $10.00.

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Condition of Applications Under Examination at Close of Business February 5, 1938

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 43,261; Trade-Mark Division, 1,804. Oldest new case, July 24, 1937; oldest amended, July 7, 1937.) (The dates given are 1937 except where † indicates 1938) DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS	Oldest new application and oldest action by applicant awaiting office action: New	Amended	No. of applications awaiting action
6624	1. TUCKER, M. (Act.), Baths and Closets; Sewerage; Domestic Cooking Vessels; Closure Operators; Fumes; Gates; Tiltups.	Sept. 9	Sept. 9	682
6708	2. HERRMANN, D., Fishing and Trapping; Dairy, Animal Husbandry; Presses, Tobacco; Butchering; Bee Culture.	Sept. 24	Sept. 25	823
4009	3. LINDSEY, A., Heating; Metal Founding; Metallurgy; Metal Treatment; Electric Furnaces	Dec. 14	Dec. 8	268
7068	4. DONNELLY, A. E., Conveyors; Hoists; Handling Apparatus and Implements; Excavating; Elevators; Fire Escapes; Ladders, Scaffolds; Store Service; Pneumatic Despatch; Fluid Pressure Brake.	Nov. 3	Oct. 7	515
3077	5. ROBINSON, C. W., Harvesters; Music; Acoustics; Sound Recording; Knotters; Buckles, Buttons	Nov. 6	Nov. 8	536
4009C	6. LEWERS, A. M., Carbon Chemistry (part)	Oct. 22	Oct. 16	222
5726	7. JARBOE, O. G., Optics; Photography	Oct. 22	Oct. 22	1,101
3009	8. ADAMS, F. L., Beds; Chairs; Kitchen and Table Articles; Racks and Cabinets	Nov. 3	Oct. 26	524
4024	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors	Oct. 9	Oct. 13	443
6013	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Wheel Substitutes, Bodies, and Tops; Vehicle Fenders; Spring Devices.	Sept. 20	Sept. 20	709
6597B	11. BENHAM, E. V., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Leather Manufactures; Nailing and Stapling; Whip Apparatus; Hides, Skins, and Leather.	Oct. 20	Oct. 21	517
7701	12. HENRY, O. C., Machine Elements; Cylinders and Pistons; Mechanical Starters; Stop Mechanisms; Velocipedes.	Aug. 27	Sept. 1	705
8009	13. BORLIK, F. J., Gear Cutting, Milling, and Planing; Metal Drawing, Forging, and Welding, and Rolling; Metal and Plastic Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Sept. 28	Sept. 28	606
8007	14. SMITH, G. A., Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet Metal Ware, Making; Wire Fabrics; Wire Working; Metal Working, Blanks and Processes.	Nov. 12	Nov. 12	476
4007	15. HENKIN, BEN, Glass; Plastic Block and Earthenware Apparatus; Plastics	Oct. 18	Oct. 18	1,190
5716	16. SPENCER, O. J., Telegraphy; Telephony	Oct. 5	Oct. 5	575
5761	17. ARMSTRONG, H., Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding; Type Setting.	Nov. 3	Nov. 3	543
4612	18. KURZ, JOS. A., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices	Oct. 7	Oct. 8	494
4006	19. KENNEDY, A. R., Furnaces and Stoves; Fuel Burners	Oct. 19	Oct. 7	728
6005	20. BROWN, L. M., Miscellaneous Hardware; Closure Fasteners; Locks; Safes; Undertaking; Bread, Pastry, and Confection Making.	Oct. 11	Oct. 19	639
7720	21. THOMPSON, T. J., Textiles; Cloth Finishing	Nov. 5	Nov. 5	527
8009	22. RINGLE, D., Aeronautics; Firearms, Ordnance, and Explosive Devices; Air Guns; Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Nov. 8	Nov. 8	597
7024	23. BUTTNER, W. J., Registers (part)	July 24	July 7	226
5022	24. DURAS, O. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines	Nov. 10	Nov. 18	627
6709	25. BLAKELY, O. F., Classifying Solids; Centrifugal-Bowl Separators; Mills; Threshing; Vegetable and Meat Cutters and Comminuters.	Oct. 22	Oct. 26	572
8008	26. YOUNG, E. R., Electricity, Generation; Motive Power	Oct. 11	Oct. 8	404
5709	27. CLARK, W. N., Brushing, Scrubbing, and Cleaning; Washing Apparatus; Textiles, Ironing	Aug. 16	Aug. 13	263
4020	28. SOLYOM, H. J., Internal-Combustion Engines	Nov. 3	Oct. 26	226
6023	29. SHKLARIN, J. J., Woodworking; Tools; Furniture; Metal Working; Cloth, Leather, and Rubber Receptacles; Paper, Package and Article Carriers; Deposit and Collection Receptacles; Tables.	Sept. 16	Sept. 16	844
4009	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Thermostats and Humidostats.	Sept. 7	Sept. 7	571
4716	31. DUNCOMBE, C. S., Mineral Oils; Hydrocarbons	Nov. 6	Nov. 8	562
4009	32. LEGH, KARL, Gas and Liquid Contact; Heat Exchange; Gas Separation; Agitating	Oct. 29	Nov. 3	549
6006	33. WYMAN, W. I., Bridges; Masonry, Concrete, Metallic, and Wooden Structures; Roofs; Roads	Nov. 6	Nov. 5	771
6025	34. SAPERSTEIN, S., Electricity, Transmission to Vehicles; Railways, Rolling Stock, Switches, and Signals; Track Sanders.	Nov. 13	Nov. 13	306
5570	35. REYNOLDS, E. C., Card and Sign Exhibiting; Signals; Dispensing; Portable Receptacles	Nov. 1	Nov. 3	495
7020	36. McFADYEN, A. D., Measuring and Testing; Force Measuring; Automatic Weighers	Oct. 6	Oct. 6	536
6006B	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers; Light-Sensitive Circuits	Sept. 28	Oct. 4	760
3004	38. KRAFFT, C. F., Earth Boring; Hydraulic and Earth Engineering; Mining and Quarrying; Stone-working; Walls; Plastic Compositions.	Sept. 9	Sept. 13	661
4578	39. WHITNEY, F. L., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution; Railway Draft Appliances.	Oct. 5	Oct. 5	625
7009	40. OBERLIN, J. J., Metallic, Wood, Paper, and Special Receptacles	Oct. 1	Oct. 1	1,221
7012	41. WHITNEY, M. L., Typewriting Machines; Coin Handling; Recorders; Registers (part)	Oct. 22	Oct. 29	286
5003	42. CUTTING, H. O., Electric Signaling	Oct. 4	Sept. 14	527
4006B	43. KLINGE, R. F., Medicines, Poisons, and Cosmetics; Bleaching and Dyeing; Explosive Compositions; Sugar and Starch.	Nov. 2	Nov. 2	554
4067B	44. HARVEY, L. P., Refrigeration; Dispensing Beverages	Sept. 7	Sept. 7	720
7008	45. HILL, H. D., Shafting and Couplings; Lubrication; Bearings and Guides; Motors; Valve-Operating Mechanisms; Engine Cooling; Resilient Tires and Wheels; Wheels and Axles.	Oct. 9	Sept. 16	719
4613	46. TAYLOR, M., Evaporators; Fluid Sprinkling; Fire Extinguishers; Boilers; Heating Systems; Coating Implements and Machines.	Oct. 7	Oct. 7	641
6062	47. LOWE, E. R. (Act.), Clutches; Brakes	Oct. 26	Oct. 29	627
5731	48. ROEPKE, O. B., Electricity, General Applications; Igniters	Oct. 22	Oct. 25	803
7720	49. SHEFFIELD, E. L., Check-Controlled Apparatus; Ventilation; Driers; Liquid Purification	Aug. 16	Aug. 14	266
4701	50. BLAKE, C. L., Varnish; Coating Processes; Carbohydrate and Condensation Products	Nov. 5	Nov. 5	695
6020	51. BACKUS, C. D., Radiant Energy	Oct. 20	Oct. 20	235
7709	52. KNOTTS, M. K., Supports; Chucks; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastening; Conduits and Housings; Laminated Packing; Pipes and Tubular Conduits.	Oct. 25	Oct. 25	570
6007	53. PECK, M. E., Books; Manifolding; Printed Matter; Stationery; Education; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens; Toilet; Label Pasting and Paper Hanging.	Oct. 8	Oct. 14	789
5574	54. STRACHAN, O. W., Electric Lamps; Vapor Electric Devices; Space Discharge Tubes	Dec. 5	Nov. 22	234
6063	55. BOWEN, S. T., Cutlery; Artificial Body Members; Dentistry; Surgery	Sept. 13	Sept. 10	1,021
4725	56. COCKERILL, S., Electrochemistry; Laminated Fabrics; Paper Making	Sept. 17	Sept. 17	1,148
6013	57. NICOLSON, G. D. G., Cutting and Punching; Bolt, Nut, Rivet, Nail, Screw, Chain, and Horseshoe Making; Driven and Screw Fastenings; Jewelry; Nut and Bolt Locks; Toys.	Oct. 7	Oct. 7	808
5005	58. DOWELL, E. F., Abrading; Bottles and Jars	Oct. 29	Oct. 18	305
4709	59. SHEPARD, P. W., Chemistry; Fertilizers; Gas, Heating and Illuminating; Carbon Chemistry (part); Substance Preparation.	Nov. 4	Nov. 5	805
5009	60. GLASS, R. L., Electric Heating and Welding; Batteries; Resistances; Dynamo Plants	Oct. 5	Oct. 8	556
6724	61. PARKS, G. E., Laminated Electrical Insulation; Belt, Hose, Tire, and Ball Making; Winding and Reeling; Pushing and Pulling; Horology; Time-Controlling Apparatus; Railway Mail Delivery.	Aug. 19	Aug. 19	679
5021	62. PUGH, E. C., Games; Geometrical Instruments	Nov. 4	Nov. 5	521
4009	63. WINKELSTEIN, A. H., Foods and Beverages; Preserving, Disinfecting, and Fermentation	Nov. 10	Nov. 12	415
4705	64. NASH, P. M., Acetylene; Distillation; Gas Mixers; Oils, Fats, and Glue; Liquid Coating Compositions; Fuel.	Oct. 20	Oct. 20	1,130
5613	65. McDERMOTT, F. P., Electricity, Conductors; Repeaters; Relays; Wave Transmission	Oct. 5	Oct. 8	620
3009B	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND	Trade-Marks	Dec. 22	†Jan. 13	1,284
		Labels and Prints	†Jan. 5	†Jan. 21	260
3003	DESIGNS, H. H. KALUPY		†Jan. 12	†Jan. 22	719

DECISIONS IN PATENT AND TRADE-MARK CASES

U. S. Court of Customs and Patent Appeals

IN RE PETERS

No. 3,869. Decided December 6, 1937

[— F.(2d) —]

PATENTABILITY—METHOD OF CRACKING HYDROCARBON OILS.

Claims for a method of cracking hydrocarbon oils *held* unpatentable over the prior art.

APPEAL from the Patent Office. Affirmed.

Messrs. Fenwick, Davis, Marvin & Edmonds for Peters.

Mr. R. F. Whitehead and *Mr. Howard S. Miller* for the Commissioner of Patents.

GARRETT, J.:

This is an appeal from a decision of the Board of Appeals of the United States Patent Office affirming a decision by the Examiner which denied the patentability of two claims, numbered 1 and 2, respectively, in appellant's application for a patent upon a method of cracking hydrocarbons.

Claim 1 is illustrative. It reads:

1. A method of treating a distillate oily composition having a stream of the oil through a heating operation and heating it in the vapor phase to a high cracking temperature, thereby maintaining the hot vapors discharged from the heating operation at a cracking temperature for a substantial period of time in a cracking operation, discharging the vapors from the cracking operation thereby into a zone in which any entrained tarry matter is precipitated by scrubbing the vapors with a liquid thereby freeing the vapors from any entrained tarry matter and in which the temperature of the vapors as discharged from the cracking operation is substantially reduced from the cracking temperature, in a scrubbing operation to form an intermediate condensate and returning the condensate therefrom to the heating operation, and discharging from the system without reintroduction into the heating operation, tar as separated in the scrubbing operation free from light oil constituents.

The particular step emphasized by appellant as lending patentability to the claims is that expressed by the clause:

discharging the vapors from the cracking operation directly into a zone in which any entrained tarry matter is precipitated by scrubbing the vapors with a liquid thereby freeing the vapors from any entrained tarry matter and in which the temperature of the vapors as discharged from the cracking operation is substantially reduced,

The decisions of the tribunals of the Patent Office are based upon anticipation by prior art, the four references cited being the following patents: Ekstrand, 1,383,415, August 23, 1921; Ellis, 1,399,000, November 15, 1921; Alexander, 1,407,619, February 21, 1922; Dubbs, 1,594,130, July 27, 1926.

In the brief of the Solicitor for the Patent Office the suggestion is offered that an adjudication by the Board of Appeals affirming the decision of the Examiner in a prior proceeding respecting an application of which the instant application is stated to be a division, became final upon the issue here involved, the cases of *In re Becker*, 22 C. C. P. A. (Patents) 943, 74 F.(2d) 806 (with its citations), and *In re Wells*, 21 C. C. P. A. (Patents) 759, 66 F.(2d) 412, being cited. This was not, however, specifically given as a ground of rejection of the instant claims by either of the tribunals of the Patent Office (although the prior decisions were referred to by both) and we have considered the case upon the merits.

The principal reference relied upon is the patent to Alexander, the others having been cited not as disclosing the step of appellant's process above quoted but as meeting certain other limitations of the counts. The brief for appellant says:

* * * the appellant concedes that if the Alexander patent does disclose the step defined by this phrase (or even its substantial equivalent), any other differences between the process defined by the appealed claims and the disclosure of the Alexander patent are not sufficiently material to sustain the patentability of the appealed claims, in view of the supplemental disclosures of the other three prior patents.

The main issues here involved therefore may be resolved into the question (1) does the Alexander patent disclose a cyclic vapor phase cracking process in which there is interposed, at the required point in the cycle, a process step the same as that defined by the above-quoted phrase, or (2) does the Alexander patent disclose a cyclic vapor phase cracking process including, at the required point, a step which is at least a substantial equivalent of the above defined step, so that the difference is obvious and merely a matter of degree. The right assignments of error, all of which are relied upon, all deal with and turn upon the answer to these questions. If the Alexander patent discloses a process including a step which is even the substantial equivalent of the step above identified, to an extent such that the man skilled in the art would thereby be taught how to solve the problem with which the present invention deals, appellant concedes that he should not prevail on this appeal, even though the exact operation disclosed in the Alexander patent might not in itself be entirely satisfactory.

We may remark in the first place that the essential elements of the claims here at issue are shown by the record to have received very extensive consideration by the tribunals of the Patent Office. It does not seem to be questioned that their subject matter was involved in appellant's original application of which the one before us is a division. The full proceedings had there with respect to them is not contained in the record, only the decision of the Board of Appeals being given in full. Sufficient appears, however, to show that they were rejected there upon the same references cited here. It is noted that, first and last, the claims have been the subject of official actions by at least three different Examiners, and also that two of the members of the Board who decided the instant case were different individuals from two of those who decided the original case. So, not only have the claims been four times the subject of final action by tribunals of the Patent Office, but at least eight different persons, all presumed to be experts in the art involved, have scrutinized and rejected them. Furthermore, it appears that the issue was several times passed upon by Examiners in the light of arguments presented upon requests for reconsideration before the Examiner's action was made final.

Obviously, therefore, the merits of the case have have had the painstaking attention of the tribunals of the Patent Office.

It is the contention of appellant that the Board failed correctly to interpret the claims, but it is conceded that the Board was of opinion that, even under appellant's interpretation, the patent to Alex-

ander discloses the step with which we are here concerned, or at least its substantial equivalent.

While appellant makes the contention alluded to as to the Board's interpretation of the claims, there is no contention that its description of the respective processes is inaccurate. These we quote.

Of appellant's process it is said:

> • • • Oil from a crude oil stock is passed through a coil 1 where it is heated to a vapor phase cracking temperature. The hot vapors then pass through the digesting chambers 5, 6, 7, and 8 where they are maintained at a cracking temperature for a substantial period. The vapors are then led into the lower end of the tower 35 and pass upwards through the tower. Hot condensate from other towers, together with crude oil, is fed into the tower 35 near the top and flows down through this tower so as to scrub the vapor passing up. The tower 35 may have baffles in it and a pool of tar may be maintained in the lower end of the tower. It is the purpose of applicant to thoroughly scrub the vapors in the tower 35 so as to remove all of the impurities, tarry matter and the carbon mist formed during cracking. The vapor passes from the tower 35 to the fractionating tower 50 where condensate is formed and separated by introducing fresh stock and condensate at the top of the tower. The condensate from the bottom of this tower is returned and mixed with the fresh stock passing to the heating coil 1 and is again vaporized.

Of the Alexander patent the Board said:

> • • • Several forms of inventions are shown in this patent but the Examiner relies on the form shown in Fig. 3. In this figure, crude oil is heated to a vapor phase cracking temperature in the still 121 and is vaporized. The vapor passes to the cracking tubes 113 and then to the lower end of the tower 110. Crude oil is pumped into the upper end of the tower 110 and contacts with the vapor passing upwards through it. The vapor passes out at the top and then passes up through the fractionating tower 117. The condensate from the tower 117 is returned to the still 121.
>
> The main objection that applicant raises to this reference is that the tower 110 is not described in detail as being a scrubbing tower. It is, therefore, argued that the patentee did not have the knowledge that it was absolutely necessary to thoroughly scrub the vapors in the tower 110 in order to eliminate the carbon mist formed in the vapor. It is true that the patentee does not speak of removing carbon mist from the vapor in the tower 110, but if the tower serves as a scrubbing tower it is evident that this will be accomplished. The Examiner refers to other forms of the invention in the patent, particularly to that shown in Fig. 5. This figure shows a tower 79 into which vapors from the cracking tubes 68 pass. The patent states that the vapors are scrubbed in this tower by incoming oil admitted at the top. The Examiner regards the tower 79 in Fig. 5 to be comparable with the tower 110 in Fig. 3 and concludes that the tower 110 is likewise a scrubbing tower.

The brief on behalf of appellant before us is quite an elaborate one and relates chiefly to the scrubbing of the vapors with a liquid which frees such vapors from entrained tarry matter.

It is conceded that in that part of Alexander's specification describing the operation of the form of apparatus illustrated in his Figure 5, the patentee "in describing the passage of the vapors through the heat interchanger 79 • • • states that the vapors 'are scrubbed by the incoming oil'," but it is urged, in effect, that this terminology was used merely to describe the action which takes place in the usual dephlegmator or heat interchanger. It is said that this type of heat interchanger is common in the industry but it is argued that the degree of contact between the liquid and vapors, while adequate for cooling the vapors and preheating the sprayed-in oil, does not remotely approach the degree of contact that would be required to separate the mechanically entrained tarry particles. The argument is further made to the effect that the fact that Alexander proposed to return all of the liquid material from the bottom of the tower directly to his heating and cracking zone shows that "Alexander had no conception of scrubbing mechanically entrained tarry particles from the vapors in the tower 79."

The question thus raised obviously is one which requires technical knowledge of the art for determination. The argument was addressed to the technicians in the Patent Office and by them overruled. The Board said:

> It may be noted that the claims appealed are quite broad. They include the step of:
>
> "Discharging the vapors from the digesting operation directly into a zone in which any entrained tarry matter is precipitated by scrubbing the vapors with a liquid thereby freeing the vapors from any entrained tarry matter."
>
> This step does not require that substantially all tarry matter, carbon mist, etc., are removed. Even if it did, we do not believe that the claims would define over Alexander. There can be no question but that the oil pumped into the top of the tower 110 in the patent will scrub out tarry matter from the vapors passing upwards. The patentee does not state how much oil is pumped into the tower but he evidently intends to pump sufficient oil into it to remove the objectionable tarry matter and impurities. If there is any difference in scrubbing, it is merely a matter of degree. If it be found that some tarry matter remained in the vapor if the scrubbing is not sufficient, it would be obvious to intensify the scrubbing to remove the objectionable impurities.

The arguments have been quite carefully considered, but we are not convinced that the conclusion reached by the tribunals of the Patent Office was erroneous. The function of scrubbing the vapors by use of a liquid is clearly taught by Alexander, and it seems clear to us that the difference in results, if any, between the operations of appellant and the patentee would be merely one of degree.

The decision of the Board of Appeals is, therefore, affirmed.[2]

Affirmed.

GRAHAM, *P. J.*, sat during the argument of this case, but died before the opinion was prepared.

Patent Suits

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922]

976,930, E. E. Sirrine, Street traffic system, D. C., W. D. Wash., N. Div., Doc. 642, *L. E. Sirrine et al. v. The City of Seattle, Wash.* Dismissed by consent Dec. 2, 1937.

1,271,529. (See 1,855,168.)

1,456,419, J. C. Black, Process and apparatus for the production of low boiling point hydrocarbons; 1,971,248, same, Process and apparatus for the production of high boiling point hydrocarbons; 1,734,079, W. M. Cross, Heater; 1,969,287, Howard & Loomis, Art of converting oil, filed Dec. 6, 1937, D. C., E. D. Tex. (Tyler), Doc. E 1028, *Gasoline Products Co., Inc.*, v. *Dunciger Oil & Refineries, Inc.*

1,657,073, E. F. Droger, Apparatus for conditioning paper, filed Dec. 7, 1937, D. C., S. D. N. Y., Doc. E 86/135, *E. F. Droger v. L. Lorenz & Co., Inc., et al.*

1,661,144. (See Re. 17,891.)

1,904,823, D. C. Larson, Automatic elevator; 1,904,647, D. L. Lindquist et al., Elevator system, D. C., E. D. N. Y., Doc. E 7995, *Otis Elevator Co. v. 570 Building Corp. et al.* Decree for plaintiff Dec. 3, 1937.

1,734,079. (See 1,456,419.)

1,770,966, A. G. Borden, Hair-waving apparatus, D. C., S. D. N. Y., Doc. E 82/135, *Borden Industries, Inc., v. Eugene, Ltd.* Dismissed without prejudice (notice Dec. 7, 1937).

1,800,719, S. S. Cramer, Electrical condenser, filed Dec. 8, 1937, D. C., S. D. N. Y., Doc. E 86/136, *Condenser Development Corp. v. Decca-City Radio, Inc.*

1,813,423. (See Re. 17,891.)

1,813,804, W. Huppert, Electrical outlet, filed Dec. 9, 1937, D. C., E. D. N. Y., Doc. E 8435, *W. Huppert v. Deal Electric Co., Inc.*

1,828,533, H. W. Hoffmann, Full fashioned stocking and method of producing same, D. C., E. D. Pa., Doc. 6823, *Ajax Hosiery Mills v. Strahan & Co., Inc.* Dismissed for want of prosecution Dec. 3, 1937.

1,855,168, C. L. Farrand, Loudspeaker; 1,271,529, M. C. Hopkins, Acoustic device, D. C., E. D. Pa., Doc. 7881, *Lektophone Corp. v. Philadelphia Storage Battery Co. et al.* Dismissed Dec. 11, 1937.

1,869,337. (See 1,456,419.)

1,878,293, 1,922,453, M. Popper, Pinking attachment for sewing machines; 1,909,246, 1,891,308, H. F. Gruman, Combined seaming and pinking machine, D. C., E. D. Pa., Doc. 8629, *Lewis Invisible Stitch Machine Co. v. Dilan Dress, Inc.* Dismissed for want of prosecution Dec. 3, 1937. Doc. 8631, *Lewis Invisible Stitch Machine Co. v. E. S. Rubinstein (Le Roy Dress Co.).* Decree as above.

1,886,577, A. Oundahl, Coal burning apparatus; 1,912,876, E. T. Warner, Burner construction, filed Nov. 23, 1937, D. C., E. D. Pa., Doc. 9877, *W. T. Gardiner et al. v. Frost Heater & Mfg. Co.*

1,889,166, M. Widerman, Hair waving device, appeal filed Dec. 11, 1937, C. C. A., 3d Cir., Doc. —, *Marvin Wave Clip Co., Inc., v. A. M. Herschenecks et al.*

1,891,308. (See 1,878,293.) 1,904,647. (See 1,694,823.)

1,909,246. (See 1,878,293.)

1,909,763, Harlow & Everingam, Method of waterproofing masonry, filed Dec. 7, 1937, D. C., S. D. N. Y., Doc. E 86/134, *Contracting Division A. C. Horn Corp. v. N. Y. Life Insurance Co. et al.*

1,912,876. (See 1,886,577.)

1,913,681. (See Re. 18,109.)

1,922,453. (See 1,878,293.)

1,951,467, F. J. Baumeister, Sign, D. C. Ky., Doc. E 1106, *North American Service Co. v. Oertel Brewing Co.* Injunction (notice Dec. 8, 1937).

1,969,672. (See Re. 17,891.)

1,971,248. (See 1,456,419.)

1,971,331, G. Cavagheri, Building construction, D. C., S. D. Calif. (Los Angeles), Doc. E 567-J, *G. F. Marquis v. Los Angeles City School District of Los Angeles County, et al.* Decree for defendants holding claims 2, 5, 6, 7, 8, 9, and 11 invalid; bill dismissed Dec. 6, 1937.

1,988,281, F. Maccarone, Shoe making method, D. C., S. D. N. Y., Doc. E 81/90, *Del-Mac Shoe Process Corp. et al. v. I. Miller & Sons, Inc.* Consent order of discontinuance (notice Dec. 7, 1937).

2,090,601, R. M. Urquhardt, Method and apparatus for extinguishing fires, filed Dec. 8, 1937, D. C., S. D. N. Y., Doc. E 86/137, *American Foamo Co. et al. v. United Dyewood Corp. et al.*

Re. 17,891, G. Sundback, Fastener; 1,969,672, 1,661,144, same, Separable fastener slider; 1,813,423, same, Separable fastener, D. C., W. D. N. Y., Doc. 2187, *Talon, Inc., v. I. Tinjanoff.* Discontinued Dec. 6, 1937.

Re. 18,109, G. E. Otis, Heating and ventilating apparatus; 1,913,681, Method of heating and ventilating, filed Dec. 6, 1937, D. C. Pa., Doc. 9853, *The Herman Nelson Corp. v. J. C. Kohler et al.*

Re. 20,202, Re. 20,203, B. W. Freeman, Cut-out machine for shoe uppers, D. C., S. D. Ohio, W. Div., Doc. E 1015, *Western Supplies Co. et al. v. B. W. Freeman et al.* Dismissed Sept. 22, 1937.

Re. 20,203. (See Re. 20,202.)

Des. 75,836, W. S. Vrooman, Rubber matting, D. C., N. D. Ohio, E. Div., Doc. E 5605, *The Paine & Williams Co. v. The Ohio Rubber Co.* Dismissed without prejudice (notice Dec. 8, 1937).

Des. 106,284, E. Cutler, Dress ensemble, D. C., S. D. N. Y., Doc. E 86/41, *Lee Claire Costumes, Inc., v. Hermann Franken, Inc.* Consent decree for plaintiff (notice Dec. 8, 1937).

Des. 106,634, M. Nicholson, Dress, D. C., S. D. N. Y., Doc. E 86/13, *Fred Perlberg, Inc., v. Columbia Dance Frocks, Inc.* Consent decree for plaintiff (notice Dec. 8, 1937).

Disclaimers

1,627,356.—*Heber F. Towner*, Santa Ana, Calif. DISK CULTIVATOR. Patent dated May 3, 1927. Disclaimer filed February 1, 1938, by the assignees, *Howard B. Rapp* and *Truman C. Rapp; Sally Rapp*, guardian of said *Truman C. Rapp*.

Hereby disclaim claim 17 of said patent.

1,713,628.—*Richard E. Schletter*, Philadelphia, Pa. ATTACHMENT FOR FLAT-KNITTING MACHINES. Patent dated May 21, 1929. Disclaimer filed January 31, 1938, by the assignee, *Textile Machine Works*.

Hereby enters this disclaimer to claims 1, 3, 14, and 15 of said Letters Patent.

1,776,123.—*Joy Clois Krocsen*, Belleville, N. J. SOUND RECORD. Patent dated September 16, 1930. Disclaimer filed February 1, 1938, by the assignee, *Radio Corporation of America*.

Hereby enters this disclaimer to claim 2 in said specification.

2,050,210.—*Norval Burris Griffin*, Portsmouth, Ohio. SHOE SOLE CONSTRUCTION. Patent dated August 4, 1936. Disclaimer filed January 27, 1938, by the assignee, *The Selby Shoe Co.*

Hereby enters this disclaimer to claim 1.

2,066,917.—*Fred J. Vogel*, Sharon, Pa. BUSHING. Patent dated January 5, 1937. Disclaimer filed January 14, 1938, by the assignee, *Westinghouse Electric & Manufacturing Company*.

Hereby enters this disclaimer to claims 1, 2, 3, and 6 in said specification.

Changes in Classification

Order No. 3,420, February 1, 1938, directs:

In *class 279, Chucks or Sockets* (Division 52), establish the following subclasses and definitions:

Socket type
- Lost motion
  - 19.1 Swinging external yoke or detent
  - 19.2 Rotary socket,
  - 19.3 Rotary socket,
  - 19.4 Spreading elements,
  - 19.5 Key retainer,
  - 19.6 Sleeve type retainer
  - 19.7 Sleeve in socket.

19.1. Devices under subclass 19 in which there is combined with the socket a yoke or detent mounted externally of the socket for swinging motion.

19.2. Devices under subclass 19.1 in which the socket is constructed to rotate relative to the socket holder.
Search this class, subclass 19.3, for other rotary sockets.

19.3. Devices under subclass 19 in which the socket is constructed to rotate relative to the socket holder.
Search this class, subclass 19.2, for other rotary sockets.

19.4. Devices under subclass 19 in which two or more elements are mounted for motion away from each other to release a tool from the socket and for motion toward each other to retain a tool in the socket.

Note.—For single elements movable relative to the socket for retaining a tool in the socket, see this class, subclass 19.5.

19.5. Devices under subclass 19 in which a single element is mounted for movement in guideways for retaining a tool in the socket.

19.6. Devices under subclass 19 in which a substantially annular member coacts with the socket to retain a tool therein.

Note.—In this subclass are placed sleeves mounted externally of the socket.

19.7. Devices under subclass 19.6 in which the sleeve is mounted within the socket.

The patents contained in these subclasses have been taken for the most part from class 121, Motors, Expansible Chamber Type, subclass 32.

In *class 121, Motors, Expansible Chamber Type* (Division 18), subclass 32, change the note to read:

Search Class:
279—CHUCKS OR SOCKETS, appropriate subclasses, particularly subclass 19 and indented subclasses, for lost motion sockets involving no structure of the motor or other motor tool organization.

In *class 279, Chucks or Sockets* (Division 52), subclass 19, cancel the existing note and substitute the following:
(1) Note.—These devices are used mostly for impact-drills, riveters and punches.
(2) Note.—See class 121, MOTORS, EXPANSIBLE CHAMBER TYPE, subclass 3 and indented subclasses, for sockets in combination with expansible chamber tool motor structure.

In *class 29, Metal Working* (Division 14), subclass 179, in note (3) cancel the reference to class 15, Brushing, Scrubbing, and General Cleaning.

In *class 59, Chain, Staple, and Horseshoe Making* (Division 57), subclass 78, number the existing note (1) and add the following note:
(2) Search Class:
211—SUPPORTS, RACKS, subclass 119.14.

In *class 74, Machine Elements and Mechanisms* (Division 12), subclass 242.8, in the second note insert a reference to class 211, Supports, Racks, subclass 119.09.

In *class 198, Conveyors, Power Driven* (Division 4), subclass 208, add the following note:
(3) Note.—See class 211, SUPPORTS, RACKS, subclass 119.09, for devices for tightening the loop of a clothesline.

In *class 211, Supports, Racks* (Division 8), subclass 94, number the existing note (1) and add the following note:
(2) Note.—For clotheslines which are supported by isolated supports and which have lines which are displaceable bodily, see this class, subclass 119.16. For similar lines which are displaceable vertically see this class, subclass 119.17.

In *class 248, Supports* (Division 52), subclass 61, add the following notes:
(1) Note.—For supports for clothes suspended from a taut clothesline see class 211, SUPPORTS, RACKS, subclass 119.12.
(2) Note.—For supports for trolley wires, see class 191, ELECTRICITY, TRANSMISSION TO VEHICLES, subclass 40 and indented subclasses;

in subclass 278 add the following note:
Note.—For supports for a clothesline pulley mounted on a window bracket in such a manner as to swing in two planes, see class 211, SUPPORTS, RACKS, subclass 119.06;

in subclass 289 add the following note:
(3) Note.—For clothesline pulley supports which are mounted in a window bracket in such a manner as to be capable of swinging in a horizontal plane only see class 211, SUPPORTS, RACKS, subclass 119.07;

and in subclass 291 add the following note:
(3) Note.—For clothesline pulley supports mounted on a bracket in such a manner as to swing in a vertical plane only see class 211, SUPPORTS, RACKS, subclass 119.08.

In *class 254, Pushing and Pulling Implements* (Division 61), subclass 51, insert the following under "Search classes":
211—SUPPORTS, RACKS, subclasses 119.09 and 119.15, for means permanently attached to a clothesline to tighten the same;

and in subclass 190, under "Search classes" cancel the paragraph beginning "211, Supports, Racks", and establish in lieu thereof the following:
211—SUPPORTS, RACKS, subclass 119.01 and indented subclasses, for window brackets for clothesline pulleys;

and in the same note insert after the note to class 242, the following:
248—SUPPORTS, subclass 208, for window brackets of general utility.

BULLETIN OF DECISIONS OF PATENT OFFICE ON TRADE-MARKS, LABELS, AND PRINTS

RENDERED DURING JANUARY, 1938

SANITIZED, INC., *v.* UNIVERSAL FEATHER SANITIZING MACHINE CORPORATION, Opposition No. 15,298.

In a decision rendered January 6, 1938 (159 Ms. Dec. 1,060), *First Assistant Commissioner Macklin* held that Universal Feather Sanitizing Machine Corporation, of Palmyra, N. J., is entitled to register as a trade-mark for machines for use in the cleaning of feathers, a mark consisting of the word "Sanitized" with the representation of a feather in the form of an "S" passing through the word, notwithstanding the prior registration of that same word as a trade-mark for an antiseptic for treating textile fabrics. He also held that the opposer is not entitled to have the opposition sustained since it does not show that it was organized prior to the alleged use by the applicant and does not rely upon the name clause of the statute.

With reference to the opposition, after stating that the opposer had alleged certain acts as having shown confusion and noting that no testimony was taken by either party, the Assistant Commissioner said:

"However, these matters are categorically denied by the applicant and in the absence of some proof of confusion I am obliged to hold that the goods of the applicant are not of the same descriptive properties as those of the opposer and find that there is not such likelihood of confusion as should preclude the registration sought."

WHITE HORSE DISTILLERS, LIMITED, *v.* JOSEPH A. BERSON, Opposition No. 14,891.

In a decision rendered January 20, 1938 (159 Ms. Dec. 1,061), *Assistant Commissioner Frazer* held that Joseph A. Berson, of Stamford, Conn., is not entitled to register as a trade-mark for whisky a mark comprising the words "Silver Stallion" and the showing of a stallion standing on his rear legs, in view of the prior adoption and use of the words "White Horse" either alone or in association with the picture of a white horse, as a trade-mark for the same goods.

In his decision the Assistant Commissioner said:

"I have carefully considered the arguments advanced in applicant's behalf, but I can find no escape from the conclusion that the concurrent use of these two marks on the particular goods involved would be likely to lead to confusion. In significance the expressions 'White Horse' and 'Silver Stallion' are substantially the same, and the picture of a horse certainly does not detract from the similarity of applicant's mark to the mark of opposer."

I. B. KLEINERT RUBBER COMPANY *v.* INTERNATIONAL LATEX CORPORATION, Opposition No. 15,573.

In a decision rendered January 20, 1938 (159 Ms. Dec. 1,063), *Assistant Commissioner Frazer* held that International Latex Corporation, of Rochester, N. Y., is not entitled to register as a trade-mark for baby pants, a mark comprising a picture of two babies wearing such pants, one in a crawling position and the other standing and grasping the pants of the crawling baby, in view of the prior adoption and use by I. B. Kleinert Rubber Company, of New York, N. Y., of a mark for the same goods consisting of the picture of a single crawling baby.

After stating in his decision that the Examiner of Interferences seems to have taken the position that the differences between (human) forms are very small and therefore slight differences must be sufficient to distinguish such forms when used as trade-marks, the Assistant Commissioner said:

"I am unable to adopt this reasoning. Whether or not it be the representation of a human form, I doubt that the average purchaser pays sufficient attention to any trade-mark as to retain more than a vague impression of its details.

"Opposer's mark is a picture of a crawling baby. Applicant's mark is a picture of two babies, one of which is crawling. Placed side by side, these marks could not possibly be confused, nor is it likely that a person thoroughly familiar with either would fail to distinguish the other. That, however, is not sufficient. If there is a reasonable probability that some purchasers would be deceived the second mark should not be registered. It seems to me there may be those who would retain only the impression of a crawling baby, and thus mistake applicant's goods for those of opposer. The question is a close one, but the doubt must be resolved in opposer's favor".

MAYWOOD PACKING COMPANY *v.* THE CORNING OLIVE GROWERS ASSOCIATION, Opposition No. 15,636.

In a decision rendered January 21, 1938 (159 Ms. Dec. 1,065), *Assistant Commissioner Frazer* held that the Maywood Packing Company, of Corning, Calif., is not entitled to oppose the registration by The Corning Olive Growers Association, of Corning, Calif., of a trade-mark consisting of the words "Corning Queen" in connection with a picture of a girl wearing a crown, as a trade-mark for canned olives but that the mark is not registrable to the applicant because it is merely descriptive of the goods.

As to the first point, after noting that the opposition is based upon the alleged ownership of the word "Corning" as a trade-mark of the same goods, the Assistant Commissioner held that the Maywood Packing Company, of Corning, Calif., had pleaded as a basis of the opposition ownership alone and since the word was merely geographical, being the name of the place where both parties were in business, the opposition could not be sustained.

With reference to the question of descriptiveness, he noted that queen was the name of a type of olives produced in the Corning region, and the term "Corning Queen" is therefore aptly descriptive. He further held that the association of this mark with the picture of a girl wearing a crown rendered the mark no less descriptive and the disclaimer of the

words "Corning Queen" would not make the mark registrable.

JAMES BUCHANAN & COMPANY, LIMITED, *v.* THE HAMBURGER COMPANY, Opposition No. 14,992.

In a decision rendered January 21, 1938 (159 Ms. Dec. 1,066), *Assistant Commissioner Fraser* held that The Hamburger Company, of Chicago, Ill., is not entitled to register, as a trade-mark for whisky, a mark consisting of the notation "Black Scot" associated with the representation of the head of a dog, in view of the prior adoption and use by James Buchanan & Company, Limited, of London, England, of the mark consisting of the words "Black & White", associated with the representation of two dogs, one black and one white, seated upon a block or pedestal.

In his decision after noting that the Examiner of Interferences based his decision largely on an alleged admission in appellant's brief that the only point to be decided was whether there was confusing similarity between the designations "Black & White" and "Black Scot" as used by the parties and stating that he found no such admission in the record, the Assistant Commissioner said:

"The goods of the parties are identical, namely, whisky; and it appears that both specialise in Scotch whisky. Opposer is the owner of the trade-mark 'Black & White', which was registered for such goods many years before applicant's entry into the field. Even in the absence of dogs I think this mark is too closely simulated by applicant's mark to permit of the use of both on Scotch whisky without a strong probability of confusion. The expressions 'Black Scot' and 'Black and White Scotch' have little to distinguish them, and even the dog picture in applicant's mark appears to be that of a Scotch terrier. It is true, as pointed out by applicant, that the labels now used by the respective parties are quite dissimilar; but this does not affect the question of registrability, for applicant may change its label at will. Moreover it frequently happens that whisky is ordered and sold by the drink, without opportunity for the purchaser to inspect the label."

EX PARTE BERNHARD ULMANN CO., INC., Serial No. 377,760.

In a decision rendered January 25, 1938 (159 Ms. Dec. 1,068), *First Assistant Commissioner Macklin* held that Bernhard Ulmann Co., Inc., of New York, N. Y., is entitled to register, under the act of 1905, the term "Ruffy-Flake" as a trade-mark for yarns for art needle work, although the labels show not only this mark but the mark of the actual retailer of the goods.

In his decision after noting that the applicant is the manufacturer of yarns and affixes labels bearing the trade-mark to balls and packages of yarn and that the labels bear also another trade-mark "Bonita" and the words "Made Expressly for S. H. Kress & Co." and noting further that the Examiner of Interferences had held that these labels show that the mark is not actually used by the applicant, the First Assistant Commissioner said:

"Applicant contends that the use of a trade-mark on a label is the equivalent of the use of the name of the owner of the mark, and the name of the owner of the trade-mark need not be used on the label. I think this is sound."

After discussing the question and referring to the decision in *Pro-Phy-Lactic Brush Company* v. *Lester D. Lawson*, 32 U. S. P. Q. 262; 475 O. G. 689, the First Assistant Commissioner said:

"I cannot agree that the sole purpose of requiring specimens is to furnish evidence of use by the applicant. In any event, I do not think that it is proper to deduce from the appearance of a label something contrary to the statement of facts appearing in the affidavits furnished, particularly where a set of facts is stated by the applicant consistent with matter appearing on the labels and with the statements of the application for registration."

EX PARTE CONSOLIDATED RENDERING COMPANY, Serial No. 356,832.

In a decision rendered January 25, 1938 (159 Ms. Dec. 1,067), *First Assistant Commissioner Macklin* held that the Consolidated Rendering Company, of Boston, Mass., is entitled to register, under the act of 1905, as a trade-mark for fertilizer the notation "At the Bottom of Good Crops".

In his decision after stating that the Examiner had held the mark descriptive and, in fact, not a trade-mark at all, the First Assistant Commissioner said:

"I am of the opinion that the words 'At the Bottom of Good Crops' are not descriptive of fertilizer within the meaning of the statutory provisions precluding registration on the ground of descriptiveness. I am willing to accept the applicant's statements that he has used the mark as a trade-mark and believe that it should be held to be registrable."

Then after noting that after the hearing applicant filed a paper with attached samples of orders for fertilizer designated by the phrase "At the Bottom of Good Crops", he said:

"Perhaps if these had been submitted to the Examiner he might have agreed with the applicant that the mark had a trade-mark use. In any event, in view of the above, it is now held that the Examiner was in error in holding that the mark is descriptive and did not have a trade-mark use, and it is ordered that the mark be passed for publication".

SERVEL, INC., *v.* FRED F. SUTTON, Opposition No. 15,434.

In a decision rendered January 25, 1938 (159 Ms. Dec. 1,070), *First Assistant Commissioner Macklin* held that Fred F. Sutton, of Long Beach, Calif., is not entitled to register, as a trade-mark for packed, bottled and canned pickles and sweet and sour relishes, the term "Serval".

The ground of the decision is that this mark is substantially the corporate name of the opposer "Servel, Inc."

In his decision he noted that the Examiner of Trade-Mark Interferences had held that there was no likelihood of confusion between the mark of the applicant used on the goods stated and the term "Servel" as used on refrigerators or refrigerator parts and refrigerating systems, and that he was not persuaded that the use of "Serval" would be likely to result in confusion with the applicant's mark.

With reference to the corporate name, First Assistant Commissioner said:

"The opposer's specimen and applicant's trade-mark drawing require comparison to discover that one ends with 'el' and the other with 'al'. They may be pronounced alike, or at least so nearly alike that I believe they are, within the meaning of the statute, the same word. 'Servel' is obviously the name of the corporation Servel, Inc.

"The opposer has for ten years or more advertised and popularized its corporate name and trade-mark 'Servel'. As was stated in a former case of this applicant, the notation 'Servel' has no significance other than the essential feature of the name of one person, namely: the opposer. In line with the authorities in *Beechnut Cereal Co.* v. *Beech-Nut Packing Co.*, 273 F. 367; 51 App. D. C. 5, the registration to the applicant should be and is refused."

With reference to the question of confusion in trade he said:

"The holding of the Examiner of Trade-Mark Interferences that the opposition is not sustained by the confusion in trade clause is believed to be sound."

COCA-COLA COMPANY (THE COCA-COLA COMPANY, ASSIGNEE SUBSTITUTED) *v.* CORN PRODUCTS REFINING COMPANY, Opposition No. 15,812.

In a decision rendered January 26, 1938 (159 Ms. Dec. 1,074), *Assistant Commissioner Fraser* held that Corn Products Refining Company, of New York, N. Y., is not entitled to register as a trade-mark for a nonalcoholic, maltless syrup for making soft drinks, the term "Dextra-Cola" in view of the opposer's well known trade-mark "Coca-Cola".

In his decision after referring to certain decisions relied upon by the applicant the Assistant Commissioner said:

"Be that as it may, I am of the opinion that the instant proceeding is virtually controlled by the decision of the Court of Customs and Patent Appeals in *Steinreich* v. *Coca-Cola Co.*, 21 C. C. P. A. 722, 67 Fed.(2d) 498, holding the marks 'Coca-Cola' and 'Vera-Coca' to be confusingly similar, and upon that ground refusing to permit registration of the latter. 'Dextra-Cola' is, I think, even more nearly like opposer's mark than is 'Vera-Coca'. Certainly it cannot be said to be less so."

Then after stating applicant insisted that having disclaimed the word "Cola" that word is descriptive and should be disregarded in comparing the marks, Assistant Commissioner said:

"A sufficient answer is that opposer's mark was long since registered, and its validity is not open to question in this proceeding. But even assuming the word to be descriptive, neither that fact nor applicant's disclaimer would obviate the probability of confusion. The marks must be considered in their entireties, including such features as may be descriptive whether disclaimed or not. *Shelly Oil Co.* v. *Powerine Co.*, 24 C. C. P. A. 790, 86 Fed.(2d) 752; *Joseph Tetley & Co.* v. *Bay State Fishing Co.*, 23 C. C. P. A. 969, 83 Fed.(2d) 290.

EX PARTE BAILEY METER COMPANY, Serial No. 349,262.

In a decision rendered January 26, 1938 (159 Ms. Dec. 1,072), *Assistant Commissioner Fraser* held that the Bailey Meter Company, of Cleveland, Ohio, is not entitled to register, under the act of 1905, as a trade-mark for meters and devices adapted to continuously indicate the rate of flow of two or more flowing fluids of a power producing or utilizing apparatus, the term "Boiler Meter".

In his decision after noting that the application as filed showed only the word "Boiler", that an amendment was thereafter filed seeking to add the word "Meter" to the drawing, but the Examiner had disapproved it, but through some inadvertence, had not notified the applicant and the case throughout had been treated as though the mark in question were the words "Boiler Meter", Assistant Commissioner Frazer said:

"Obviously the word 'Meter' is the generic name of applicant's goods, and it is conceded in the brief on appeal that 'the specific meter or device to which the mark is applied might in some instances be used as a means for indicating the flow of steam from a boiler.' That it actually is employed for this purpose is evidenced by the specimens on file. When so used, I cannot escape the conclusion that 'boiler meter' is merely the name of the device, and hence incapable of trade-mark significance. This being true, the fact that the device is also suitable for other uses does not, in my opinion, affect the question of registrability".

Then after noting that applicant had filed a number of affidavits tending to support the contention that the expression "Boiler Meter" had never been used by any other manufacturer of similar equipment, the Assistant Commissioner said:

"This may well be true, but it does not necessarily follow that the expression is a valid trade-mark. Regardless of its significance to the trade it remains the name of applicant's device, and as such is of course merely descriptive thereof."

Then with respect to the question whether, if not registrable under the act of 1905, the mark would be registrable under the act of 1920, Assistant Commissioner said:

"While the question is not properly before me, and the opinion here expressed will not preclude applicant from presenting the matter anew by petition from any decision the Examiner may render in that regard, I will say that I do not now believe the alleged trade-mark to be proper subject matter for registration even under the 1920 act. It is true that descriptive terms may be registered under that act, provided they function also as trade-marks; but the mere name of particular goods can never function as a trade-mark for such goods."

FRANKFORT DISTILLERIES, INCORPORATED, *v.* DEXTORA COMPANY, Opposition No. 13,303.

In a decision rendered January 29, 1938 (159 Ms. Dec. 1,075), *Assistant Commissioner Frazer* held the prior use of the Frankfort Distilleries, Incorporated, of Louisville, Ky., of the words "Duffy Malt" as a trade-mark for malt whisky was not a sufficient ground for refusing registration to Dextora Company, of Indianapolis, Ind., of a mark consisting of the notation "Duffy's" in ordinary type below which appears two concentric circles, a portion of the outer circle merging with the lower edge of the border, as a trade-mark for malt syrup for food purposes and cereal sugar. He held, however, that the mark was not registrable by the applicant since it included the name "Duffy" not reproduced in a particular or distinctive manner.

With reference to the opposition after stating that the Examiner of Interferences had relied in his ruling that the goods of the parties were of the same descriptive properties, on the decision of the Court of Appeals of the District of Columbia of *Four Roses Products Co.* v. *Small Grain Distilling & Drug Co.*, 58 App. D. C. 299, 29 Fed.(2d) 959, and noting that the decision was rendered at a time when malt syrup was intended for and actually used for making a home brew with greater alcoholic content than then allowed by law, the Assistant Commissioner said:

"So far as the present record discloses applicant's malt syrup is neither intended nor used for any such purpose. It is a grocery product chiefly employed in cooking and baking. In my opinion, when considered in connection with the changed conditions resulting from the repeal of prohibition, this difference in use sufficiently distinguishes the instant case from the one cited".

With reference to the mark being unregistrable to applicant because the name "Duffy" is not distinctively displayed, the Assistant Commissioner referred to two decisions of the Court of Appeals of the District of Columbia, namely, *In re Artesian Manufacturing Co.*, 37 App. D. C. 118, and *Oliver Chilled Plow Works* v. *The William J. Oliver Manufacturing Co.*, 40 App. D. C. 125, in which that court had approved the ruling of the Patent Office of an earlier case, that the controlling principle relative to the registration of a mark consisting of a name written in a distinctive manner is that

". . . the distinctive manner in which the name is displayed must be of a character as to give such a distinct impression to the eye of the ordinary observer as to outweigh the significance of the mere name,"

and said:

"In each case registration was refused by the court because the name sought to be registered was not displayed in a 'particular or distinctive manner.' The mark considered in the Oliver case, which is reproduced in facsimile in the opinion, is far more distinctive in appearance than is applicant's mark; and certainly the latter does not meet the requirement approved by the court. I think the ex parte refusal to register was proper".

BELDING HEMINWAY COMPANY *v.* E. P. REED & CO., Opposition No. 15,781.

In a decision rendered January 31, 1938 (159 Ms. Dec. 1,078), *Assistant Commissioner Frazer* held that E. P. Reed & Co., of Rochester, N. Y., is not entitled to register as a trade-mark for shoes a mark consisting of a front view picture of a kitten's head and forepaws with the words thereabove "Soft as a Kitten's Ear", these words being disclaimed in view of the use in registration by Belding Heminway Company, of New York, N. Y., of a trade-mark for hosiery consisting of a front view picture of a kitten's head with a spool of thread suspended from its mouth, beneath which is printed the word "Corticelli".

In his decision after noting that marks must be considered in their entireties in determining the question of confusing similarity, and that disclaimed or descriptive matter may not properly be disregarded, the Assistant Commissioner said:

"But I do not believe that either the notation of applicant's mark, or the word of opposer's is sufficient to render the two marks so distinctively dissimilar as to warrant the registration here sought. Shoes and hosiery are closely associated in use and in the mind of the public. They are frequently sold in the same stores and over the same counters. The average purchaser does not remember the details of trade-marks, nor is he required to do so. He may easily forget the forepaws of applicant's kitten, and as easily overlook the absence of the spool of opposer's mark. His impression of either mark may be merely the head of a kitten, in which case confusion as to origin of goods would seem reasonably likely to occur. The question is not free from doubt; but such doubt, as the courts have so many times reiterated, must be resolved in favor of the first user".

TRADE-MARKS

OFFICIAL GAZETTE, FEBRUARY 22, 1938

[VOL. 487. No. 4]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 1 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1

Raw or Partly Prepared Materials

Ser. No. 389,973. LUCIUS P. COOK, doing business as L. P. Cook, Memphis, Tenn. Filed Mar. 12, 1937.



The words "Selected Quality", "Analyzed Seeds", and "Seeds" are disclaimed except as shown.
For Field Seeds.
Claims use since October, 1936.

Ser. No. 400,490. BARNETT & COMPANY, INC., Newark, N. J. Filed Dec. 6, 1937.



The word "Calf" forms no part of the mark.
For Leather.
Claims use since Nov. 19, 1937.

CLASS 4

Abrasive, Detergent, and Polishing Materials

Ser. No. 390,857. JOHN RITTENTHALER, New York, N. Y. Filed Nov. 17, 1937.



The word "Product" is disclaimed apart from the mark. The drawing is lined for green and gold.
For Polishing Cloth for Polishing Metals.
Claims use since April, 1934.

Ser. No. 400,565. MARX & KUSHNER, New York, N. Y. Filed Dec. 7, 1937.

corinthia

For Soap.
Claims use since Aug. 25, 1937.

CLASS 6

Chemicals, Medicines, and Pharmaceutical Preparations

Ser. No. 397,537. HERCULES POWDER COMPANY, Wilmington, Del. Filed Sept. 18, 1937.

PETREX

For Resinous, Organic, Polybasic Acid Intermediate for Making Synthetic Resins.
Claims use since Feb. 23, 1932.

Ser. No. 399,508. McKESSON & ROBBINS, INCORPORATED, Bridgeport and Fairfield, Conn. Filed Nov. 9, 1937.

GALA

For Milk of Magnesia, Bandoline, Hypophosphites Compound, Glycerin Suppositories, Beef, Iron, and Wine Tonic, Massage Alcohol Compound, Toothache Drops; Preparation for Treatment of Corns, Warts and Callous Skin; Liquid Preparation for Removal of Warts; Liquid Blackberry Compound for the Relief of Simple Diarrhea and Cramps; Corn and Bunion Ointment, Carbolic Salve with Zinc Oxide, Perfumed Ammonia, White Pine Compound with Cod Liver Extract, Mosquito Lotion, Wine Cod Liver Oil Extract, Emulsion of Petroleum, Eucalyptus Ointment, Laxative Compound, Charcoal Tablets, Douche Powder, Witch Hazel, Compound Extract of Sarsaparilla, Anodyne Ointment, and Cream for the Treatment of Poison Oak and Poison Ivy.

Claims use since May, 1915.

Ser. No. 399,994. L. PHILIPPE CLOUTIER, doing business as Cleans-All Bleach Manufacturing Company, Fall River, Mass. Filed Nov. 22, 1937.



The words "Cleans-All Bleach" are disclaimed apart from the mark.

For Bleach.

Claims use since Oct. 1, 1937.

Ser. No. 400,240. R. H. MACY & CO., INC., New York, N. Y., Filed Nov. 29, 1937. Under section 5b of the act of 1905 as amended in 1920.

MACY'S

For Acetone, Agar Agar, Rubbing Alcohol, Alkaline Tablets, Almond Meal, Almond Oil, Alum, Ammonia, Aromatic Spirits of Ammonia, Antiseptics, Arnica, Aspirin, Bath Oils, Bath Salts, Bay Rum, Benzoin, Benzoin Compounds, Bicarbonate of Soda, Bile Salts, Bird Medicine, Bird Washes, Borax, Boric Acid, Brilliantine, Brown Mixture, Burow's Solution, Carron Oil, Cascara Sagrada, Castor Oil, Cathartics, Camomile Tea, Citrates and Carbonates for the Treatment of Acid Conditions, Citronella, Cocoa Butter, Cod Liver Oil, Cod Liver Oil Tablets, Cod Liver Oil Compounds, Cosmetic Masks, Cosmetic Oil Removers, Cough Syrups, Cosmetic Facial and Body Oils, Cream of Tartar, Cuticle Creams, Cuticle Oils, Cuticle Removers, Dental Creams, Deodorants, Disinfectants, Dobell's Solution, Eau de Cologne, Expectorants, Eye Make-Up, Flaxseed, Foot Powder, Glycerine, Hair Tonics, Halibut Liver Oil, Henna, Inhalants, Ink Remover, Insecticides, Iodine, Iron Pills, Laxatives, Liniments, Licorice, Lime Water, Cosmetic Lotions, Lye, Magnesia, Magnesia Compounds, Manicure Creams, Medicinal Oils for the Treatment of Constipation, Medicinal General Tonics, Medicinal Malt Extract, Milk Sugar, Mineral Oil Compounds, Mouth Washes, Myrrh, Nail Polish, Nail Polish Thinners, Nail Polish Removers, Nail White, Nasal Jelly, Nose Drops, Ointments for the Treatment of Burns, Abrasions, and the Like; Orris Root, Peppermint, Perfumes, Peroxide of Hydrogen, Petrolatums, Photographic Chemicals, Precipitated Chalk, Psyllium Seed, Quinine, Hair Rinses, Rhinitis Tablets, Rhubarb and Soda, Rose Water, Rouges, Saccharin, Salves for the Treatment of Skin Affections, Shampoos, Scalp Stimulants, Cosmetic Skin Cleaners, Skin Tonics, Soda Mint Tablets, Spirits of Camphor, Spirits of Nitre, Styptics, Rectal and Vaginal Suppositories, Sulphur, Talcum Powders, Toilet Creams, Toilet Powders, Toilet Water, Tooth Pastes, Tooth Powders, Vitamin Tonic Preparations, Water Softeners, Hair Wave Sets, Wintergreen, Witch Hasel, and Yeast Containing Tablets.

Claims use on almond meal, almond oil, cosmetic masks, cosmetic oil removers, cosmetic facial and body oils, cuticle creams, cuticle oils, cuticle removers, Eau de Cologne, eye make-up, cosmetic lotions, manicure creams, nail polish, nail polish thinners, nail polish removers, perfumes, rose water, rouges, cosmetic skin cleaners, skin tonics, toilet creams, and toilet powders since 1928; on insecticides since 1931; on lye, bird medicine, and bird washes since 1932; on photographic chemicals since 1933; on nail white since September, 1934; on ink remover since 1935; on styptics since January, 1936; on brilliantine since 1926; on bay rum since 1936; on deodorants since May, 1936, on toilet water since 1907; on vitamin tonic preparations since 1912; and on the other goods listed since 1902.

Ser. No. 400,397. LEON SMITH, doing business as Smi-Lax Medicine Co., Kannapolis, N. C. Filed Dec. 1, 1937.

SMI-LAX

For Tonic and Laxative Compound.

Claims use since Feb. 15, 1926.

Ser. No. 400,509. THE KELP CO. INC., Zeeland, Mich. Filed Dec. 6, 1937.

CEKELP

For Dehydrated Kelp Used as a Mineral Food Supplement.

Claims use since Nov. 18, 1937.

Ser. No. 400,525. PARKE, DAVIS & COMPANY, Detroit, Mich. Filed Dec. 6, 1937.

VECTRIN

For Concentrated, Anti-Anemic Extract Obtained From Stomach Tissue Combined With Iron and Vitamin B.

Claims use since Nov. 11, 1937.

Ser. No. 400,627. ZENITH PRODUCTS CO., Wellsville, Ohio. Filed Dec. 9, 1937.



The representation of the label per se is disclaimed. The drawing is lined for red and black.

For Medicated Shampoo for Dogs.

Claims use since November, 1937.

Ser. No. 400,631. THE CITRINE COMPANY, Toledo, Ohio. Filed Dec. 9, 1937.

BRIOLINA

For Effervescent Salts.

Claims use since 1921.

Ser. No. 400,868. ERNEST J. CARLSON, Reading, Pa. Filed Dec. 15, 1937.

Carltone

For Hair Tonics.

Claims use since Nov. 1, 1937.

Ser. No. 400,929. SHULTON, INC., New York, N. Y. Filed Dec. 16, 1937.



The portrait is fanciful.

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Vanishing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs; Skin Whitener in Liquid, Cream, or Solid Form; Eyebrow and Eyelash Grower, Eye Drops, Eyebrow Pencils, Chemical Preparations for the Darkening of Eyelashes and Eyebrows, Hand Lotions, Skin Lotions, After Shaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powders, Sachets, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lipsticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Depilatories, Nail Powders, Nail Polishes, Nail Creams, Nail Bleaches, Witch Hasel Salve, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.

Claims use since Apr. 2, 1937.

Ser. No. 400,930. SHULTON, INC., New York, N. Y. Filed Dec. 16, 1937.



The portrait is fanciful.

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Vanishing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs; Skin Whitener in Liquid, Cream, or Solid Form; Eyebrow and Eyelash Grower, Eye Drops, Eyebrow Pencils, Chemical Preparations for the Darkening of Eyelashes and Eyebrows, Hand Lotions, Skin Lotions, After Shaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powders, Sachets, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lipsticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Depilatories, Nail Powders, Nail Polishes, Nail Creams, Nail Bleaches, Witch Hasel Salve, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.

Claims use since Apr. 2, 1937.

Ser. No. 400,932. SHULTON, INC., New York, N. Y. Filed Dec. 16, 1937.



The portrait is fanciful.

For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Vanishing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs; Skin Whitener in Liquid, Cream, or Solid

Form; Eyebrow and Eyelash Grower, Eye Drops, Eyebrow Pencils, Chemical Preparations for the Darkening of Eyelashes and Eyebrows, Hand Lotions, Skin Lotions, After Shaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powders, Sachets, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lipsticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Depilatories, Nail Powders, Nail Polishes, Nail Creams, Nail Bleaches, Witch Hazel Salve, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.
Claims use since Apr. 2, 1937.

Ser. No. 400,936. SHULTON, INC., New York, N. Y. Filed Dec. 16, 1937.



The portrait is fanciful.
For Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Vanishing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs; Skin Whitener in Liquid, Cream, or Solid Form; Eyebrow and Eyelash Grower, Eye Drops, Eyebrow Pencils, Chemical Preparations for the Darkening of Eyelashes and Eyebrows, Hand Lotions, Skin Lotions, After Shaving Lotions, Pomades, Face Powders, Talcum Powders, Body Powders, Sachets, Hair Salves, Hair Elixirs, Dandruff Preparations, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lipsticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Depilatories, Nail Powders, Nail Polishes, Nail Creams, Nail Bleaches, Witch Hazel Salve, Camphor Creams, Foot Powders, Corn Salves, Deodorants, Disinfectants, Bay Rum, Perfumes, and Toilet Waters.
Claims use since Apr. 2, 1937.

Ser. No. 401,077. JOHN B. ROSENFIELD, doing business as An-Fo Manufacturing Co., Oakland, Calif. Filed Dec. 20, 1937.



For Insecticides.
Claims use since Dec. 31, 1934.

Ser. No. 401,147. KATZ DRUG COMPANY, Kansas City, Mo. Filed Dec. 22, 1937.



For Deodorant, Antiseptic, and Germicide Preparations.
Claims use since June 1, 1904.

Ser. No. 401,218. ADOLPHE HURST & CO., INC., New York, N. Y. Filed Dec. 24, 1937.

OTOL

For Medicament Prepared for Otological and Nasopharyngeal Practice.
Claims use since September, 1937.

Ser. No. 401,295. CHARLES OF THE RITZ, INC., New York, N. Y. Filed Dec. 28, 1937.

Spur

For Perfume and Eau de Cologne.
Claims use since Nov. 8, 1937.

Ser. No. 401,314. PARFUMS CHARBERT, INC., New York, N. Y. Filed Dec. 28, 1937.

"BRIDLE PATH"

For Cosmetics—Namely, Perfumes, Extract of Perfumes, Toilet Water, Face Powder, Sachet, Lipstick, Compacts of Rouge, Powder and Lipstick, Face Cream, and Cleansing Cream.
Claims use since Dec. 14, 1937.

Ser. No. 401,370. CANNON LABORATORIES INC., New York, N. Y. Filed Dec. 30, 1937.

TUSSET

For Preparation for Relieving the Discomfort of Cough and the Spasmodic Attacks Occurring in Whooping Cough.
Claims use since Dec. 1, 1937.

Ser. No. 401,397. NEW PROCESS COMPANY, Warren, Pa. Filed Dec. 30, 1937.



For Perfumes.
Claims use since Dec. 2, 1937.

CLASS 7

Cordage

Ser. No. 400,890. FRANK W. WINNE & SON INCORPORATED, Philadelphia, Pa. Filed Dec. 15, 1937.

A A A GOLDEN

No claim is made to the word "Golden" apart from the mark.
For Binder Twine, Sisal Binder Twine, and Sisal Rope.
Claims use since Dec. 15, 1932.

CLASS 10

Fertilizers

Ser. No. 401,409. HENRY J. WHITE, doing business as Stockdale Fertilizer Company, Morris, Ill. Filed Dec. 30, 1937.

OVENE

For Fertilizer.
Claims use since February, 1936.

CLASS 11

Inks and Inking Materials

Ser. No. 398,568. A. B. DICK COMPANY, Chicago, Ill. Filed Oct. 16, 1937.



For Duplicating Ink.
Claims use since Mar. 31, 1934.

Ser. No. 398,858. OZALID CORPORATION, New York, N. Y. Filed Oct. 23, 1937.

Ozalid

For Typewriter Ribbons.
Claims use since August, 1935.

CLASS 12

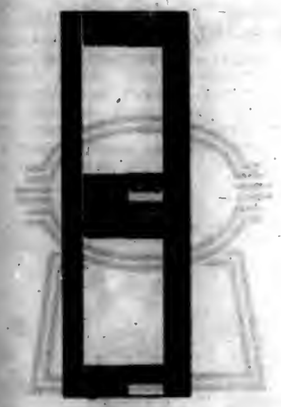
Construction Materials

Ser. No. 398,710. CHICAGO BRIDGE & IRON WORKS, Chicago, Ill. Filed Oct. 20, 1937.

BREATHER

For Flexible Metal Roofs for Storage Tanks.
Claims use since Jan. 1, 1927.

Ser. No. 400,306. KENITE LABORATORY, INC., New York, N. Y. Filed Nov. 30, 1937.



For Pipe Thread Compound.
Claims use since Aug. 7, 1937.

CLASS 13

Hardware and Plumbing and Steam-Fitting Supplies

Ser. No. 400,120. NATIONAL SILVER DEPOSIT WARE CO., INC., New York, N. Y. Filed Nov. 24, 1937.

TOWN CRIER

For Cocktail Shakers.
Claims use since July 13, 1937.

Ser. No. 400,446. GUY MAFERA, Revere, Mass. Filed Dec. 6, 1937.

GY-A-LINER

The notation "A-Liner" is disclaimed apart from the mark.
For Wedge Assembly for Aligning Motor Boat Engines and Effecting Precise Levels on Other Machines.
Claims use since Sept. 30, 1937.

CLASS 14

Metals and Metal Castings and Forgings

Ser. No. 401,907. LAWRENCE B. SCOTT, San Antonio, Tex. Filed Jan. 14, 1938.

METALOCK

For Metallic Rods and Elements for Repairing Cracked or Broken Castings of Steel, Iron, or Other Metal.
Claims use since Sept. 1, 1937.

CLASS 15

Oils and Greases

Ser. No. 399,837. JOHNSON OIL REFINING COMPANY, Chicago, Ill. Filed Nov. 17, 1937.

JOHNSON
Brilliant bronze

The words "Brilliant Bronze Gasoline" are disclaimed except as shown.
For Gasoline.
Claims use since Aug. 18, 1937.

CLASS 16

Paints and Painters' Materials

Ser. No. 398,985. AMERICAN BAR LOCK CO., INC., Long Island City, N. Y. Filed Oct. 27, 1937.

ABLO

For Solutions or Compounds in the Nature of a Paint for Water or Moisture Proofing of Concrete or Other Structural Materials, Wood or Other Surfaces of Structures.
Claims use since July 8, 1937.

CLASS 19

Vehicles, Not Including Engines

Ser. No. 397,841. CROWN BODY CORPORATION, LTD., Los Angeles, Calif. Filed Sept. 27, 1937.

SUPER COACH

The word "Coach" is disclaimed apart from the mark.
For Motor Driven Buses, Bus Bodies, and Structural Parts Therefor.
Claims use since Sept. 16, 1933.

CLASS 21

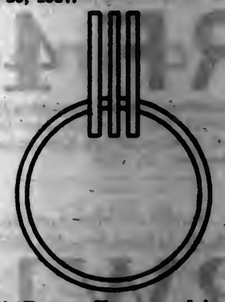
Electrical Apparatus, Machines, and Supplies

Ser. No. 399,010. FRANK C. REILLY, New York, N. Y. Filed Oct. 27, 1937.

"Tip - Toe"

For Electric Flat Irons and Foot-Operated Switches.
Claims use since June 15, 1936.

Ser. No. 399,077. ELECTROLUX, INC., New York, N. Y. Filed Oct. 29, 1937.



For Electric Vacuum Cleaners and Accessories.
Claims use since Sept. 1, 1937.

Ser. No. 399,078. ELECTROLUX, INC., New York, N. Y. Filed Oct. 29, 1937.

ELECTROLUX

For Electric Vacuum Cleaners and Accessories.
Claims use since Sept. 1, 1937.

Ser. No. 401,022. THE EDWIN F. GUTH COMPANY, St. Louis, Mo. Filed Dec. 13, 1937.

MERCOLUX

For Electric Lighting Fixtures for Household and Commercial Installations.
Claims use since Nov. 16, 1935.

Ser. No. 401,029. THE MINCOMB CORPORATION, Chicago, Ill. Filed Dec. 13, 1937.

IMMERSATHERM

For Electric Controls for Electric Switches, Temperature Operated Electric Switches, Pressure Operated Electric Switches, and Parts Thereof.
Claims use since Oct. 7, 1937.

Ser. No. 401,169. WILSON WELDER AND METALS CO., INC., New York, N. Y. Filed Dec. 22, 1937.



The drawing is lined for yellow.
For Electric Arc Welding Machines.
Claims use since Nov. 19, 1937.

CLASS 22

Games, Toys, and Sporting Goods

Ser. No. 387,305. JONAH S. MARKSTEIN, doing business as Screeno Amusement Co., Chicago, Ill. Filed Dec. 30, 1936.

MOVIE RACES

For Game Employing Cards and Played Somewhat After the Manner of Lotto.
Claims use since Oct. 12, 1936.

Ser. No. 390,505. DAVID STEWART CRAVEN, JR., doing business as Whirl-Win Co., New York, N. Y. Filed Mar. 25, 1937.

W-H-I-R-L

W-I-N

For Game Comprising a Motion Picture Projection Machine Attachment and a Series of Cards to be Used in Connection Therewith.
Claims use since Mar. 16, 1937.

Ser. No. 393,519. CATHERINE A. ABT, Pittsburgh, Pa. Filed June 2, 1937.

SISTER CATHERINE DOLL

The word "Doll" is disclaimed apart from the mark.
For Dolls.
Claims use since Aug. 3, 1935.

Ser. No. 396,635. JOINT RULES COMMITTEE ON SOFTBALL, Elizabeth, N. J. Filed Aug. 21, 1937.

Official
JOINT RULES COMMITTEE
SOFT BALL

The words "Official" and "Soft Ball" and the representation of the ball per se are disclaimed apart from the mark.
For Bats and Softballs.
Claims use since June 9, 1937.

Ser. No. 398,489. THE PIONEER RUBBER COMPANY, Willard, Ohio. Filed Oct. 14, 1937.

QUALATEX

For Toy Balloons.
Claims use since Dec. 1, 1935.

Ser. No. 398,663. MILTON BRADLEY COMPANY, Springfield, Mass. Filed Oct. 19, 1937.

CHARLIE CHAN

The name is that of a fictitious character conceived by the author Earl Derr Biggers and portrayed on the screen by Warner Oland.
For Board Games.
Claims use since Apr. 1, 1937.

Ser. No. 401,330. MILTON BRADLEY COMPANY, Springfield, Mass. Filed Dec. 29, 1937.

TOM SAWYER

For Board Game with Movable Pieces.
Claims use since Dec. 9, 1937.

Ser. No. 401,744. THE KILGORE MANUFACTURING COMPANY, Westerville, Ohio. Filed Jan. 10, 1938.

D-LUX

For Toy Pistols.
Claims use since September 1, 1937.

CLASS 23

Cutlery, Machinery, and Tools, and Parts Thereof

Ser. No. 395,906. LANDON P. SMITH, INC., Irvington, N. J. Filed Nov. 23, 1936.



For Glass-Cutters and Parts Thereof, Glass-Drilling and Working Tools, Putty Knives, Tile-Working Tools, Scraping Tools and Parts Thereof, Razors, Razor Blades, Saws, and Saw Blades.
Claims use since Nov. 1, 1935.

Ser. No. 397,676. OHIO AMUSEMENT COMPANY, INC., Columbus, Ohio. Filed Sept. 22, 1937.

ELECTROPOP

For Coin Controlled Machine for Dispensing Popped Corn.
Claims use since Aug. 2, 1937.

Ser. No. 399,536. MARKWELL MANUFACTURING COMPANY, INC., New York, N. Y. Filed Nov. 10, 1937.

RF 4

For Stapling Machines Used for Fastening Papers, Cardboard, Fabrics, Metal, Etc. Together, Also for Fastening Papers, Cardboard, Fabrics, Metal, Etc. on to Wood, Etc.
Claims use since Dec. 16, 1936.

Ser. No. 399,537. MARKWELL MANUFACTURING COMPANY, INC., New York, N. Y. Filed Nov. 10, 1937.

RW1

For Stapling Machines Used for Fastening Papers, Cardboard, Fabrics, Metal, Etc. Together, Also for Fastening Papers, Cardboard, Fabrics, Metal, Etc. on to Wood, Etc.
Claims use since May 3, 1937.

Ser. No. 399,538. MARKWELL MANUFACTURING COMPANY, INC., New York, N. Y. Filed Nov. 10, 1937.

R. F. 7

For Stapling Machines Used for Fastening Papers, Cardboard, Fabrics, Metal, Etc. Together, Also for Fastening Papers, Cardboard, Fabrics, Metal, Etc. on to Wood, Etc.
Claims use since Feb. 28, 1936.

Ser. No. 399,900. EVANS PRODUCTS COMPANY, Detroit, Mich. Filed Nov. 22, 1937.

EVANS

For Gear Shifting Mechanisms for Automotive Vehicles and on Tractors.
Claims use since Aug. 16, 1937, on said mechanisms; since Apr. 30, 1936, on tractors.

Ser. No. 400,094. EASTMAN KODAK COMPANY, Jersey City, N. J. and Rochester, N. Y. Filed Nov. 24, 1937.

EASTKO

For Paper Cutting Machines or Print Trimmers.
Claims use since 1931.

Ser. No. 401,122. TRUBENIZING PROCESS CORPORATION, New York, N. Y. Filed Dec. 21, 1937.

Benifold

For Machines for Use in Making Collars, Cuffs, and the like.
Claims use since Dec. 30, 1936.

CLASS 26

Measuring and Scientific Appliances

Ser. No. 392,475. THE BROWN INSTRUMENT COMPANY, Philadelphia and Wayne Junction, Philadelphia, Pa. Filed May 8, 1937.

BROWN DIVISION INSTRUMENTS INDUSTRIAL

The term "Industrial Instruments" is disclaimed apart from the mark.
For Measuring and Control Instruments and Apparatus for Automatically Controlling an Operation Responsively to the Fluctuations of a Variable Condition.
Claims use since Feb. 1, 1937.

Ser. No. 399,124. BRIDGEPORT THERMOSTAT COMPANY, INC., Bridgeport, Conn. Filed Oct. 30, 1937.

"Bridgeport"

The word "Bridgeport" is disclaimed apart from the mark.
For Thermostat Controls for Automobile Heaters.
Claims use since July 30, 1936.

Ser. No. 401,018. EASTMAN KODAK COMPANY, Jersey City, N. J., and Rochester, N. Y. Filed Dec. 18, 1937.

KODABROM

For Light-Sensitive Photographic Paper.
Claims use since Oct. 19, 1937.

Ser. No. 401,200. A. F. STOEGER, INC., New York, N. Y. Filed Dec. 23, 1937.

AJACK

For Rifle Telescopes, Binoculars, and Field Glasses.
Claims use since Nov. 22, 1937.

CLASS 31

Filters and Refrigerators

Ser. No. 400,058. THE K & S MOTOR PRODUCTS, INC., Hillside, N. J. Filed Nov. 23, 1937.

OILDEX

For Filters for Gases or Liquids, and Parts Thereof.
Claims use since November, 1932.

CLASS 32

Furniture and Upholstery

Ser. No. 393,364. LUDWIG BAUMANN & COMPANY, New York, N. Y. Filed May 28, 1937.

WONDER VALUE

The word "Value" is disclaimed apart from the mark.
For Dining Room Suites, Consisting of Buffets, China Cabinets, Servers, Tables, Arm Chairs, and Side Chairs; Living Room Suites, Consisting of Arm Chairs, Wing Chairs, Lounge Chairs, and Other Types of Chairs; Nursery Furniture Consisting of Chests, Chifforobes, and High Chairs; Dinette Furniture Consisting of Tables, Chairs, Servers, Buffets, and China Cabinets; Desks, Secretaries, Bookcases, Commodes, Dressers, Vanities, Dressing Tables, Benches, Chests of Drawers or Chifforobes, Night Stands, Chairs, Tables, Bridge Sets, and Cedar Chests.
Claims use since Apr. 14, 1937.

Ser. No. 397,195. MINNEAPOLIS PAPER CO., Minneapolis, Minn. Filed Sept. 7, 1937.

The BIG ROUNDUP

For Merchandise Display Racks.
Claims use since June 26, 1937.

Ser. No. 398,028. AMERICAN CAN COMPANY, New York, N. Y. Filed Oct. 2, 1937.

CAN CADET

For Display Racks or Stands Made of Sheet Metal for Display or Transport of Containers.
Claims use since Sept. 7, 1937.

Ser. No. 401,881. ANTISEPTIC MATTRESS CO., INC., Lynn, Mass. Filed Jan. 14, 1938.

DUREX

For Mattresses, Box Springs, and Studio Couches.
Claims use since Dec. 8, 1936.

Ser. No. 401,947. PREMIER BED & SPRING COMPANY, San Francisco, Calif. Filed Jan. 15, 1938.

Slumber-flex

For Bed Springs, Box Springs, Studio Couches, and Mattresses.
Claims use since June 1, 1937.

Ser. No. 401,948. PREMIER BED & SPRING COMPANY, San Francisco, Calif. Filed Jan. 15, 1938.

Slumber-Haven

For Bed Springs, Box Springs, Studio Couches, and Mattresses.
Claims use since Nov. 15, 1937.

CLASS 34

Heating, Lighting, and Ventilating Apparatus

Ser. No. 396,555. AMERICAN-SIMPLEX CORPORATION, St. Louis, Mo. Filed Aug. 19, 1937.

AMERICAN-SIMPLEX

The word "American" is disclaimed apart from the mark.
For Air Conditioning Units.
Claims use since June 1, 1937.

Ser. No. 400,468. REFLECTOR & ILLUMINATING CO., Chicago, Ill. Filed Dec. 4, 1937.

LITE-FLO

For Lamp Reflectors.
Claims use since Aug. 1, 1937.

Ser. No. 400,546. AIR REDUCTION SALES COMPANY, New York, N. Y. Filed Dec. 7, 1937.

TRAMOGRAPH

For Machines for Cutting and Welding Metal by Means of Gases.
Claims use since Nov. 17, 1937.

CLASS 35

Belting, Hose, Machinery Packing, and Nonmetallic Tires

Ser. No. 390,301. AMERICAN BRAKEBLOK CORPORATION, New York, N. Y., and Detroit, Mich., now by merger The American Brake Shoe and Foundry Company, a corporation of Delaware. Filed Mar. 20, 1937.

ABC

For Composition Frictional Elements for Brakes.
Claims use since June 14, 1933.

Ser. No. 398,723. THE GARLOCK PACKING COMPANY, Palmyra, N. Y. Filed Oct. 20, 1937.



For Leather Packings, Cups, Washers, Gaskets, and Discs.
Claims use since August, 1936.

Ser. No. 401,570. THE B. F. GOODRICH COMPANY, Akron, Ohio, and New York, N. Y. Filed Jan. 5, 1938.



The drawing is lined for red.
For Brake Lining Material.
Claims use since May 1, 1937.

Ser. No. 401,390. CONTINENTAL PISTON RING COMPANY, Memphis, Tenn. Filed Jan. 14, 1938.

STEEL-FLEX

The word "Steel" is disclaimed apart from the mark.
For Piston Rings.
Claims use since Oct. 26, 1937.

CLASS 37

Paper and Stationery

Ser. No. 393,645. WILLIAM A. HERMANSON, doing business as William A. Hermanson & Co., Boston, Mass. Filed June 4, 1937.

Vac Wrap

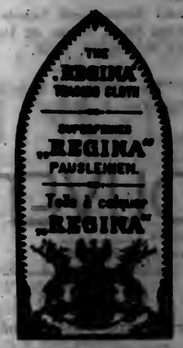
The word "Wrap" is disclaimed apart from the mark.
For Paper Wrappers for Foods and Other Materials.
Claims use since May 1, 1937.

Ser. No. 394,278. THE GENERAL FIREPROOFING COMPANY, Youngstown, Ohio. Filed June 10, 1937.



No claim is made to the word "Visible" apart from the mark.
For Card Panels, Card Carriers, Guide Cards, and Filing Cards.
Claims use since June 14, 1937.

Ser. No. 398,171. W. J. PETERS & CIE., Cologne-Rodenkirchen, Germany. Filed Oct. 5, 1937.



All wording except "Regina" is disclaimed.
For Tracing Cloth.
Claims use since November, 1907.

Ser. No. 398,172. W. J. PETERS & CIE., Cologne-Rodenkirchen, Germany. Filed Oct. 5, 1937.



All wording is disclaimed apart from the mark.
For Tracing Cloth.
Claims use since December, 1904.

Ser. No. 398,173. W. J. PETERS & CIE., Cologne-Rodenkirchen, Germany. Filed Oct. 5, 1937.



All wording except "Progress" is disclaimed.
For Tracing Cloth.
Claims use since October, 1934.

Ser. No. 398,174. W. J. PETERS & CIE., Cologne-Rodenkirchen, Germany. Filed Oct. 5, 1937.



The word "Superfeines" is disclaimed apart from the mark.
For Architects' Linen (Tracing Cloth).
Claims use since October, 1914.

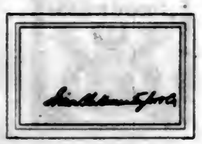
Ser. No. 398,783. NATIONAL BLANK BOOK COMPANY, Riverside, Holyoke, Mass. Filed Oct. 21, 1937. Under section 5b of the act of 1905 as amended in 1920.



For Bookkeeping Binders, Blank Form Sheets for Bookkeeping, Blank Books, Loose Leaf Binders, and Paper Sheet Packs for Filling Loose Leaf Binders.
Claims use since Oct. 20, 1930.

Ser. No. 399,118. THE SPENCERIAN PEN COMPANY, New York, N. Y. Filed Oct. 29, 1937. Under 10-year proviso.



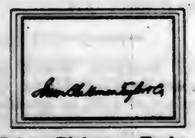


The trade-mark consists of a rectangular design in the form of a box covered by a light blue label which shows the word "Spencerian" in script in black and red, the upper edges of the box having a gold border; across the top and two sides of the box is a rectangular label of blue color, and decorative matter in gold, with the words "Spencerian Double-Elastic Pen. Ivison, Phinney & Co., New York," also in gold; upon the bottom of the box is a rectangular label or panel bearing the facsimile signature "Ivison Blakeman Taylor & Co." The said colors blue, gold, black, and red are claimed as features of the mark, no claim being made to the representation of the box per se.

For Writing Pens of All Kinds.
Claims use since 1871.

Ser. No. 399,525. THE SPENCERIAN PEN COMPANY, New York, N. Y. Filed Nov. 11, 1937.





The name "Ivison Blakeman Taylor & Co." is in the handwriting of an officer of a predecessor of the applicant company.

The trade-mark consists of a rectangular design in the form of a box of blue color, over the top and two ends of which is a label of buff color edged with white, upon which appears the word "Spencerian" in blue; upon the bottom of the box is a rectangular label or panel bearing the signature "Ivison Blakeman Taylor & Co." The said colors buff, blue, and white are claimed as features of the mark, no claim being made to the representation of the box per se.

For Writing Pens of All Kinds.
Claims use since August, 1926.

Ser. No. 400,068. ROBINSON TAG & LABEL COMPANY, New York, N. Y. Filed Nov. 23, 1937.



The words "Robinson", "Tags", "Labels", and "New York" and the representation of the tag are disclaimed apart from the mark.

For Gummed and Ungummed Labels; Tags Provided with Strings, Button Slots, Clips, or Hooks.
Claims use since November, 1936.

Ser. No. 400,592. THE DIAMOND MATCH COMPANY, New York, N. Y. Filed Dec. 8, 1937.

SOUVENIR

For Paper Napkins.
Claims use since Apr. 26, 1937.

CLASS 38

Prints and Publications

Ser. No. 383,287. UNIVERSAL STAMP COMPANY, Brooklyn, N. Y. Filed Sept. 17, 1936.



For Packets, Sets, and Mixtures of Postage Stamps.
Claims use since Sept. 1, 1936.

Ser. No. 384,105. WRIGHT AERONAUTICAL CORPORATION, Paterson, N. J. Filed Oct. 8, 1936.

Trade Winds

For Magazine Published Monthly.
Claims use since September, 1934.

Ser. No. 396,928. JOHN P. MURPHY, JR., Kenilworth, Ill. Filed Aug. 30, 1937.

Transportation Illustrated

For Pictorial Publication Published from Time to Time.
Claims use since Aug. 26, 1937.

Ser. No. 399,130. ELECTRICAL HOUSEKEEPING, INC., Manchester, Conn. Filed Oct. 30, 1937.

Electrical Homemaking

For Periodical.
Claims use since Oct. 20, 1937.

Ser. No. 399,295. FEDERATED PRESS, New York, N. Y. Filed Nov. 4, 1937.

FEDERATED PRESS

For News Releases Issued from Time to Time.
Claims use since Jan. 2, 1920.

Ser. No. 400,163. HEARST PUBLICATIONS, INCORPORATED, Los Angeles, Calif. Filed Nov. 26, 1937.

MOVIE-GO-ROUND

For Newspaper Column Published from Time to Time.
Claims use since Apr. 1, 1928.

Ser. No. 400,356. THE SINGER MANUFACTURING COMPANY, New York, N. Y. Filed Dec. 1, 1937.

SINGER

Applicant is the owner of Reg. No. 235,718 and Reg. No. 317,217.

For Decalcomania Transfers Sold to the Trade as Such.
Claims use since June, 1937.

Ser. No. 400,586. AMERICAN NEWSPAPERS, INC., New York, N. Y. Filed Dec. 8, 1937.

LUCKY LEFTY LIKES

For Column in a Newspaper.
Claims use since Apr. 15, 1933.

CLASS 39

Clothing

Ser. No. 391,226. KLIMAX OVERALL COMPANY, INC., Athens, Ga. Filed Apr. 12, 1937.

The BIG ACE

For Overalls, Men's Coats, Outer Shirts, Pants, Boys' Shorts.
Claims use since Aug. 16, 1920.

Ser. No. 393,822. SEWELL MANUFACTURING COMPANY, Bremen, Ga. Filed June 8, 1937.



For Clothing—Namely, Men's and Young Men's Suits.
Claims use since Feb. 1, 1937.

Ser. No. 395,430. OVIATT'S INC., Los Angeles, Calif. Filed July 19, 1937.



The word "Model" is disclaimed apart from the mark.
For Outer Shirts, Pajamas, and Coats for Men, Women, and Children.
Claims use since June 10, 1937.

Ser. No. 397,619. S. H. KRESS AND COMPANY, New York, N. Y. Filed Sept. 21, 1937.

KRESS



FIFTH AVENUE

Applicant disclaims the words "444 Fifth Avenue" and "Kress" except in conjunction with the other elements of the mark.
For Hosiery.
Claims use since Sept. 1, 1937.

Ser. No. 397,670. S. H. KRESS AND COMPANY, New York, N. Y. Filed Sept. 22, 1937.



The picture of the child is that of Katharine Stott.
For Hosiery, Socks, and Anklets.
Claims use since Sept. 4, 1937.

Ser. No. 397,694. WARE VALLEY MANUFACTURING CO., INC., Ware, Mass., and New York, N. Y. Filed Sept. 22, 1937.

Healthweight

For Knitted Underwear for Men and Boys.
Claims use since Aug. 24, 1937.

Ser. No. 397,911. PURITAN RAINCOAT CO. INC., New York, N. Y. Filed Sept. 28, 1937.

RADIO POLICE

For Children's Raincoats.
Claims use since Sept. 1, 1936.

Ser. No. 398,541. KUTE KIDDIES HEADWEAR INC., New York, N. Y. Filed Oct. 15, 1937.



The word "Fur" is disclaimed.
For Children's Clothing—Namely, Snow Suits, Coats, Leggings, Hats, Jackets, Pants, and Ski Suits.
Claims use since Apr. 1, 1937.

Ser. No. 398,922. MILLER-SMITH HOSIERY MILLS, Chattanooga, Tenn. Filed Oct. 25, 1937.

Colonial Maid

For Hosiery.
Claims use since Sept. 23, 1937.

Ser. No. 399,328. M. H. RAAB-MEYERHOFF CO., INC., Philadelphia, Pa. Filed Nov. 4, 1937.

Leisure Wear

The word "Wear" is disclaimed apart from the mark.
For Dress Shirts.
Claims use since Sept. 13, 1937.

Ser. No. 399,513. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y. Filed Nov. 9, 1937.

Glen Row

For Ladies' and Children's Dresses.
Claims use since Dec. 17, 1935.

Ser. No. 399,796. FAY SPORTSWEAR, INC., New York, N. Y. Filed Nov. 16, 1937.

ANOTHER Fay-Vorette

For Ladies' and Misses' Skirts, Slacks, Shorts, Overalls, Coats, Spits, Bathing Suits, Culottes, and Sport Jackets.
Claims use since Aug. 10, 1937.

Ser. No. 400,547. H. C. A. BEHR & C. H. SWEITZER, York, Pa. Filed Dec. 7, 1937.

RAYN-OSE

The word "Rayn" is disclaimed apart from the mark.
For Rain Stockings.
Claims use since Nov. 26, 1937.

Ser. No. 400,567. THE MOYER MANUFACTURING COMPANY, Youngstown, Ohio. Filed Dec. 7, 1937.



The word "Slacks" is disclaimed apart from the mark.
For Slacks.
Claims use since Oct. 15, 1937.

Ser. No. 400,568. PARAGON KNITTING MILLS, Philadelphia, Pa. Filed Dec. 7, 1937.

WASHTEX

For Knitted Sweaters for Men, Boys, and Children.
Claims use since Aug. 4, 1937.

Ser. No. 400,598. DAVID A. HARRISON, Boston, Mass. Filed Dec. 8, 1937.

Flexsuede

The word "Suede" is disclaimed apart from the mark.
For Ladies' Full-Fashioned Hosiery.
Claims use since Dec. 3, 1937.

Ser. No. 400,736. SLIPCO, Shelton, Conn. Filed Dec. 11, 1937.

SLIPCO

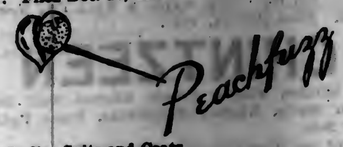
For Women's and Misses' Slips.
Claims use since June, 1935.

Ser. No. 400,894. A. AJELLO INCORPORATED, New York, N. Y. Filed Dec. 16, 1937.

Sportlane

For Sportswear, Covering Ladies' and Misses' Dresses, Blouses, Jackets, and Shirts.
Claims use since September, 1937.

Ser. No. 400,948. A. DAVIS & SONS, INC., Jersey City, N. J. Filed Dec. 17, 1937.



For Ladies Suits and Coats.
Claims use since Dec. 1, 1937.

Ser. No. 400,986. DAVID MINCHENBERG, New York, N. Y. Filed Dec. 17, 1937.

THE PARASOL FROCK

The word "Frock" is disclaimed apart from the mark.
For Women's and Misses' Dresses, Blouses, Culottes, Lounging Pajamas, Outer Robes, Slacks, Skirts, and Play Suits.
Claims use since Oct. 15, 1937.

Ser. No. 401,028. R. LOWENBAUM MANUFACTURING CO., St. Louis, Mo. Filed Dec. 18, 1937.

MINX-MODES

No claim is made to the word "Modes" apart from the mark.
For Ladies' and Misses' Frocks and House and Street Dresses.
Claims use since Dec. 1, 1937.

Ser. No. 401,048. HARRY COMLETT & CO., New York, N. Y. Filed Dec. 20, 1937.

Lily Gauté

For Ladies' and Misses' Blouses, Dresses, and Sweaters.
Claims use since Dec. 28, 1936.

Ser. No. 401,064. LUBIN-WESKER CO., INC., New York, N. Y. Filed Dec. 20, 1937.

RAY-TUCK

No claim is made to the word "Tuck" apart from the mark.
For Men's Pajamas.
Claims use since Dec. 2, 1937.

Ser. No. 401,144. GREENBRIER FROCKS INC., New York, N. Y. Filed Dec. 22, 1937.



For Women's Dresses.
Claims use since Nov. 22, 1937.

Ser. No. 401,163. THE SCHAEFFER GARMENT CO., INCORPORATED, Covington, Ky. Filed Dec. 22, 1937.



Claims use since Dec. 9, 1937.
For Women's Suits and Coats.

Ser. No. 401,223. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y. Filed Dec. 24, 1937.

Gay-nee

For Men's, Women's, and Children's Hosiery.
Claims use since Mar. 1, 1935.

Ser. No. 401,264. LEVI STRAUSS & CO., San Francisco, Calif. Filed Dec. 27, 1937.

Bay Meadows

For Wearing Apparel for Men and Boys, Both Outerwear and Underwear—Namely, Sport Coats, Sweaters, Undershirts and Drawers, Union Suits, Shorts, Hosiery of Knitted and Textile Fabrics.
Claims use since Dec. 1, 1937.

Ser. No. 401,276. LOUIS S. ROSS, doing business as Rose Brothers, New York, N. Y. Filed Dec. 27, 1937.



For Men's and Young Men's Trousers.
Claims use since May 15, 1937.

Ser. No. 401,563. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Jan. 5, 1938.

CREPEGLO

For Women's Genuine Crepe Hosiery.
Claims use since Feb. 1, 1936.

CLASS 42

Knitted, Netted, and Textile Fabrics

Ser. No. 399,561. FORSTMANN WOOLEN CO., Passaic, N. J. Filed Nov. 10, 1937.

Chamoisine

For Woolen Piece Goods.
Claims use since Oct. 26, 1937.

Ser. No. 400,616. SCHENKER, MICHEL & WEINSTOCK, INC., Chicago, Ill. Filed Dec. 8, 1937.

ROLLAMA

For Woolen Piece Goods.
Claims use since June 1, 1935.

Ser. No. 400,617. SCHENKER, MICHEL & WEINSTOCK, INC., Chicago, Ill. Filed Dec. 8, 1937.

TRACANA

For Woolen Piece Goods.
Claims use since June 1, 1935.

Ser. No. 400,920. THE NEW HAVEN QUILT & PAD COMPANY, New Haven, Conn. Filed Dec. 16, 1937.

LOFTI-PUFF

For Comfortables.
Claims use since October, 1936.

Ser. No. 401,046. WILLIAM L. BARRELL COMPANY, INC., New York, N. Y. Filed Dec. 20, 1937.

SPORTFLASH

For Cotton and Woolen and Combinations Thereof, in the Piece.
Claims use since September 29, 1937.

Ser. No. 401,060. INTERNATIONAL LOOMS INC., New York, N. Y. Filed Dec. 20, 1937.

Trawood

For Carpets, Rugs, and Upholstery Fabrics.
Claims use since Nov. 20, 1934.

Ser. No. 401,123. EDWIN B. BERLINER & CO., New York, N. Y. Filed Dec. 22, 1937.

MEZZOPRINT LINENS

No claim is made to the word "Linens" apart from the mark.
For Linen Dress Goods in the Piece.
Claims use since Oct. 25, 1937.

Ser. No. 401,220. ALLEN KANDELL, INC., New York, N. Y. Filed Dec. 24, 1937.

OAK LANE

For Upholstery and Drapery Fabrics.
Claims use since Nov. 29, 1937.

Ser. No. 401,389. KNICKERBOCKER TEXTILE CO., INC., New York, N. Y. Filed Dec. 30, 1937.

The Seven Dwarfs

For Silk, Rayon, and Acetate Piece Goods.
Claims use since Nov. 1, 1937.

Ser. No. 401,461. THE WEISS & KLAU CO., New York, N. Y. Filed Dec. 31, 1937.

CHINTZEEN

For Kitchen Window Drapes, Kitchen Shelf Edgings, Kitchen Scarfs, Kitchen Tablecloths, Stove Pads, Pot Holder Sets.
Claims use since Feb. 15, 1937.

CLASS 43

Thread and Yarn

Ser. No. 394,156. EMILE BERNAT & SONS CO., Jamaica Plain, Mass. Filed June 17, 1937.

BERNAT

CROCHET WEAVING

GLOSHEEN YARN

The words "Bernat", "Crochet Weaving", and "Yarn" are disclaimed apart from the mark.
For Yarns.
Claims use since Mar. 15, 1937.

CLASS 44

Dental, Medical, and Surgical Appliances

Ser. No. 381,768. KNAPP-MONARCH COMPANY, doing business as Kwikway Company, St. Louis, Mo. Filed Aug. 3, 1936.

KWIK WAY

For Electric Vibrators, Infra Red Ray Lamps, and Therapeutic Lamps.
Claims use since Nov. 7, 1931.

Ser. No. 396,870. THE FISCHER CORPORATION, Glendale, Calif. Filed Aug. 28, 1937.

PEDASINE

For Physical Therapy Apparatus for Exercising the Muscles of the Feet and Legs.
Claims use since Jan. 10, 1937.

Ser. No. 400,253. T. J. SMITH & NEPHEW, LIMITED, Hull, England. Filed Nov. 29, 1937.

TENSOCREPE

For Crepe Medical and Surgical Bandages and Crepe Surgical Dressings, Non-Medicated.
Claims use since 1934.

Ser. No. 400,254. T. J. SMITH & NEPHEW, LIMITED, Hull, England. Filed Nov. 29, 1937.

TENSOPLAST

For Medical and Surgical Dressings, Bandages, and Plasters, Non-Medicated.
Claims use since 1932.

CLASS 45

Beverages, Nonalcoholic

Ser. No. 401,038. JAN ANTONIO WILLIAMS, Saugerties, N. Y. Filed Dec. 18, 1937.

PINE PLACE

For Mineral Water and Non-Alcoholic, Non-Cereal, Maltless Beverages Sold as Soft Drinks and Syrups and Extracts for Making the Same.
Claims use since June, 1924.

Ser. No. 401,319. SEVEN SEAS IMPORTS, LTD., New York, N. Y. Filed Dec. 28, 1937.

HOT KOP

For Non-Alcoholic Beverages.
Claims use since July 1, 1937.

Ser. No. 401,495. MISSION DRY CORPORATION, Los Angeles, Calif. Filed Jan. 3, 1938.

CETRON

For Non-Alcoholic, Maltless Beverages Used as a Soft Drink and Extracts and Syrups for Preparing the Same.
Claims use since Sept. 15, 1937.

Ser. No. 401,606. HAMMER FOOD PRODUCTS CORPORATION, doing business as Hammer Beverages, Brooklyn, N. Y. Filed Jan. 6, 1938.

dubl duck

For Non-Alcoholic, Non-Cereal, Maltless Beverages, Sold as Soft Drinks and Syrups and Extracts for Making the Same.
Claims use since March, 1933.

Ser. No. 401,650. CANOVA PRODUCTS CO., Jersey City, N. J. Filed Jan. 7, 1938.

Canova

The name "Canova" is a facsimile signature of Florindo Canova, founder of the applicant company.
For Syrups and Extracts for Making Soft Drinks.
Claims use since January, 1912.

CLASS 46

Foods and Ingredients of Foods

Ser. No. 386,107. JOHN HANSEN & SONS, Oakland, Calif. Filed Nov. 30, 1936.

PRESSURE PACK GUARANTEES
DOME TOP
PRESS TO TEST
TRULY FRESH
HANSEN COFFEE

The word "Hansen" is disclaimed. The words "Pressure Pack", "Guarantees", "Truly Fresh", "Press to Test", and "Coffee" are disclaimed apart from the mark.
For Coffee.
Claims use since Nov. 17, 1936.

Ser. No. 392,757. IOWA POULTRY PRODUCERS MARKETING ASSOCIATION, Ottumwa, Iowa. Filed May 14, 1937.



The outline of the map of Iowa and the word "Iowa" are disclaimed as apart from the mark as shown.
For Stock and Poultry Feed, Dressed Poultry, Butter, Eggs, and Wheat Flour.
Claims use since Sept. 15, 1936.

Ser. No. 393,657. JOE LOWE CORPORATION, New York, N. Y. Filed June 4, 1937.

KOOL NIKEL

The word "Kool" is disclaimed apart from the mark.
For Frozen Confections.
Claims use since May 5, 1937.

Ser. No. 393,659. JOE LOWE CORPORATION, New York, N. Y. Filed June 4, 1937.

COOL NIKEL

The word "Cool" is disclaimed apart from the mark.
For Frozen Confections.
Claims use since May 5, 1937.

Ser. No. 395,651. OLIN MANUFACTURING CO., Oakland, Calif. Filed July 26, 1937.

CORNNUTS

For Toasted Corn Kernels.
Claims use since June 1, 1935.

Ser. No. 396,967. ALFRED A. REES, New Haven, Conn. Filed Aug. 31, 1937.

BUTTER KISSED
HOT BOW-WOWS
THE TASTY ALL-HOT

The words "Butter", "Hot", and "The Tasty All-Hot" are disclaimed apart from the mark.
For Frankfurter Sandwich Grilled in Butter and Usually Served in a Cut Roll or Between Slices of Bread.
Claims use since June 1, 1935.

Ser. No. 399,490. THE E. H. WRIGHT COMPANY, LTD., Kansas City, Mo. Filed Nov. 8, 1937.

HOT-N-TOT

For Barbecue Sauce.
Claims use since Apr. 16, 1931.

Ser. No. 399,801. MIDDLETOWN MILK & CREAM CO. INC., Newark, N. J. Filed Nov. 16, 1937.



The word "Middletown" is disclaimed apart from the mark. The drawing is lined for red.
For Fresh Milk.
Claims use since Apr. 25, 1937.

Ser. No. 400,483. ANTOLINI & Co., New York, N. Y. Filed Dec. 3, 1937.



The representation of the goods is disclaimed except as shown.
For Cheese.
Claims use since 1900.

Ser. No. 400,629. CAPITAL BAKERS, INC., Harrisburg, Pa. Filed Dec. 9, 1937.



The words "It's Fresh" are not claimed except in association with the rest of the mark. The representation of the label per se is disclaimed. The drawing is lined for red and blue.
For Pies, Cakes, Doughnuts, Pastries, and Bread.
Claims use since Sept. 15, 1937.

Ser. No. 400,652. NEW ENGLAND SHORTENING COMPANY, Pawtucket, R. I. Filed Dec. 9, 1937.

VECOE

For Vegetable Edible Cotton-Seed Oil Emulsion for Shortening.
Claims use since Dec. 12, 1936.

Ser. No. 400,735. TRI-VALLEY PACKING ASSOCIATION, San Francisco, Calif. Filed Dec. 11, 1937.

Granny's Mix

No claim is made to the word "Mix" apart from the mark.
For Canned Fruits.
Claims use since Nov. 16, 1937.

Ser. No. 400,834. FLORIDA CITRUS CANNERS COOPERATIVE, Lake Wales, Fla. Filed Dec. 14, 1937.

VALUE CONTROLD

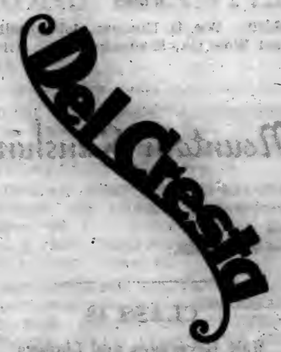
For Canned Grapefruit, Canned Grapefruit Juices for Food Purposes.
Claims use since Nov. 20, 1937.

Ser. No. 401,487. LEONARD JONES, doing business as Casey Jones, Los Angeles, Calif. Filed Jan. 3, 1938.

OLD 97

For Fresh Citrus and Deciduous Fruits, Fresh Vegetables, and Melons.
Claims use since Dec. 24, 1937.

Ser. No. 401,525. FARMERS PRODUCE COMPANY, LTD., Brawley, Calif. Filed Jan. 4, 1938.



For Fresh Vegetables.
Claims use since Dec. 20, 1937.

Ser. No. 401,542. AMERICAN CONE & PRETZEL COMPANY, Philadelphia, Pa. Filed Jan. 3, 1938.

NUTZELS

For Pretzels.
Claims use since Nov. 1, 1937.

Ser. No. 401,628. J. C. WALKER BROTHERS, INC., Exmore, Va. Filed Jan. 6, 1938. Under 10-year proviso.

SEASIDE

For Oysters and Salt-Water Fish—Namely, Croakers, Weak Fish, Butter Fish, Mackerel, Porgies, and other Less Important Fish, Shipped in a Green State Under Ice.
Claims use since 1880.

Ser. No. 401,648. CALIFORNIA CONSERVING COMPANY, INC., San Francisco, Calif. Filed Jan. 7, 1938.



For Pickles.
Claims use since Sept. 18, 1937.

CLASS 47

Wines

Ser. No. 398,619. WM. H. HOMMEL, doing business as The M. Hommel Wine Co., Sandusky, Ohio. Filed Oct. 18, 1937.

Mountain Sunshine

For Wines.
Claims use since 1932.

CLASS 48

Malt Beverages and Liquors

Ser. No. 401,436. THE JOS. HENSLER BREWING CO., Newark, N. J. Filed Dec. 31, 1937. Under 10-year proviso.

HENSLER'S

For Beer and Ale.
Claims use since 1860.

CLASS 49

Distilled Alcoholic Liquors

Ser. No. 357,106. JOHN A. WATHEN DISTILLERY CO., Louisville and Lebanon, Ky. Filed Oct. 13, 1934. Under 10-year proviso.

CUMBERLAND

For Whiskey.
Claims use since 1879.

Ser. No. 401,877. THE STEINHARDT COMPANY, INC., New York, N. Y. Filed Jan. 13, 1938.

MCNAUGHTON'S

For Whiskey, Gin, Rum, Brandy, and Alcoholic Cordials.
Claims use since Sept. 2, 1937.

Ser. No. 402,031. SUNNY HILL WINERIES, INC., Chicago, Ill. Filed Jan. 17, 1938.

HILLSUN

For Brandy.
Claims use since Nov. 22, 1937.

CLASS 50

Merchandise Not Otherwise Classified

Ser. No. 372,196. THE AMERICAN DIRIGOLD CORPORATION, Kokomo, Ind. Filed Dec. 3, 1935.

Dirigold

For Trophies, i. e., Wall Plaques, Medals, and Cast Figures, Models, Statues, Grave Markers, Wall and Corner Stone Tablets, All Made of Non-Precious Metals.
Claims use since Aug. 13, 1935.

Ser. No. 394,575. THE CAPEX COMPANY, Chicago, Ill. Filed June 28, 1937.

ALFABEX

For Cardboard and Corrugated Board Window Display Forms, Merchandise Display Stands, and Cardboard and Corrugated Board Displays for Supporting Goods to be Sold or for Advertising Goods to be Sold.
Claims use since Apr. 1, 1937.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905]

FEBRUARY 22, 1938

354,683. SERIAL PUBLICATION PUBLISHED FROM TIME TO TIME. AUTOMOBILE MUTUAL INSURANCE COMPANY OF AMERICA, Providence, R. I.
Filed December 17, 1932. Serial No. 333,213. PUBLISHED DECEMBER 14, 1937. Class 38.

354,684. SAUSAGE CASINGS AND CONTAINERS FOR MEAT FOOD PRODUCTS MADE FROM REGENERATED CELLULOSE. TRANSPARENT PACKAGE COMPANY, Chicago, Ill.
Filed September 17, 1934. Serial No. 356,129. PUBLISHED OCTOBER 20, 1934. Class 2.

354,685. CRACKERS OR BISCUITS. STAR BISCUITS OF AMERICA, INC., Lowell, Mass., assignor to Megowen-Educator Food Company, Cambridge, Mass., a corporation of Massachusetts.
Filed December 15, 1934. Serial No. 359,376. PUBLISHED NOVEMBER 19, 1935. Class 46.

354,686. CANNED FRUITS AND VEGETABLES, CANNED APPLE SAUCE, TOMATO CATSUP, CHILI SAUCE, CANNED SOUP, TOMATO JUICE, AND TOMATO PUREE. SNIDER PACKING CORPORATION, Rochester, N. Y.
Filed December 19, 1935. Serial No. 372,863. PUBLISHED APRIL 14, 1936. Class 46.

354,687. PHOTOGRAPHIC CAMERAS AND PARTS THEREOF, STILL AND MOTION PICTURE PROJECTORS, FILMS, FILM MAGAZINES, LENSES, PROJECTION LAMPS, AND REPLACEMENT PARTS FOR BOTH STILL AND MOTION PICTURE PROJECTORS. INTERNATIONAL FILMBOOK CORPORATION, New York, N. Y.
Filed November 3, 1936. Serial No. 385,099. PUBLISHED MAY 4, 1937. Class 26.

354,688. OILS FOR USE PARTICULARLY AS A LUBRICATING AND SEALING OIL FOR HIGH VACUUM PUMPS. CENTRAL SCIENTIFIC COMPANY, Chicago, Ill.
Filed November 14, 1936. Serial No. 385,505. PUBLISHED JULY 13, 1937. Class 15.

354,689. COMPOSITION ASPHALT ROOFING MATERIALS. THE FLINTKOTE COMPANY, New York, N. Y.
Filed November 26, 1936. Serial No. 386,075. PUBLISHED DECEMBER 7, 1937. Class 12.

354,690. SEASONING COMPOUNDS MADE ENTIRELY OF VEGETABLE PRODUCTS, AND USEFUL IN FLAVORING BOUILLONS, RICH, CLEAR GRAVIES, ETC. ARTARA FOODS, LIMITED, Long Island City, N. Y.
Filed December 7, 1936. Serial No. 386,395. PUBLISHED DECEMBER 14, 1937. Class 46.

354,691. LUBRICATING GREASE. THE BROOKS OIL COMPANY, Cleveland, Ohio.
Filed December 7, 1936. Serial No. 386,400. PUBLISHED DECEMBER 7, 1937. Class 15.

354,692. BEER. DIAMOND STATE BREWERY, INC., Wilmington, Del.
Filed January 14, 1937. Serial No. 387,780. PUBLISHED DECEMBER 14, 1937. Class 48.

354,693. CORRECTIVE SHOES USED AS A POST-OPERATIVE INSTRUMENT IN THE CORRECTION OF CLUB-FEET. WILLIAM O. MINOR, Atlanta, Ga., assignor to Dorothy C. Minor, Atlanta, Ga.
Filed March 10, 1937. Serial No. 390,006. PUBLISHED DECEMBER 14, 1937. Class 44.

354,694. WHISKEY. LOUDON & CO., INC., Elizabeth, N. J.
Filed March 15, 1937. Serial No. 390,076. PUBLISHED APRIL 27, 1937. Class 49.

354,695. SLIDE FASTENER ASSEMBLIES. IDEAL FASTENER CORPORATION, New York, N. Y.
Filed March 18, 1937. Serial No. 390,218. PUBLISHED DECEMBER 14, 1937. Class 13.

354,696. KITCHEN CABINETS AND KITCHEN CABINET UNITS. ST. CHARLES MANUFACTURING CO., St. Charles, Ill.
Filed April 3, 1937. Serial No. 390,888. PUBLISHED DECEMBER 14, 1937. Class 32.

354,697. FOOT POWDER, MOUTH WASH, DEODORANT FOOT POWDER, GLOVE DEODORANT, OINTMENTS FOR TREATMENT OF FROSTBITES, CHILBLAINS, TIRED PERSPIRING FEET, SUNBURN, BURNS, AND MINOR SKIN IRRITATIONS ANTISEPTIC POWDER, LINIMENT FOR THE RELIEF OF PAIN, SKIN LOTIONS, AND CIGARETTE STAIN REMOVER. MADALEN SCHEIDLER, doing business as Eso-Tex Laboratory, Milwaukee, Wis.
Filed April 8, 1937. Serial No. 391,093. PUBLISHED DECEMBER 7, 1937. Class 6.

354,698. CHEMICAL PREPARATION USEFUL IN THE TREATMENT OF HEART DISEASE. DR. MADAUS & CO., Radebeul, Germany.
Filed April 9, 1937. Serial No. 391,139. PUBLISHED DECEMBER 7, 1937. Class 6.

354,699. WIRE ROPE. DRAKE SUPPLY CO., Los Angeles, Calif.
Filed May 18, 1937. Serial No. 392,918. PUBLISHED DECEMBER 14, 1937. Class 7.

354,700. ASH TRAYS AND RECEPTACLES, SMOKING STANDS FOR USE ON TABLES AND THE LIKE, CIGARETTE, CIGAR, AND TOBACCO HUMIDORS, TRAYS, AND HOLDERS, AND PIPE RACKS. MCDONALD PRODUCTS CORPORATION, Buffalo, N. Y.
Filed May 25, 1937. Serial No. 393,225. PUBLISHED DECEMBER 14, 1937. Class 8.

354,701. NUT SPREAD. E. F. KEMP INC., Somerville, Mass.
Filed June 4, 1937. Serial No. 393,654. PUBLISHED AUGUST 3, 1937. Class 46.

354,702. CHOP SUEY SAUCE, CANNED BEAN SPROUTS, CANNED CHOW MEIN NOODLES, CANNED CHOP SUEY VEGETABLES, AND BEAD MOLASSES. THE FUJI TRADING COMPANY, Chicago, Ill.
Filed June 12, 1937. Serial No. 393,981. PUBLISHED DECEMBER 14, 1937. Class 46.

354,703. PRINTS, LITHOGRAPHS, POSTERS, AND LITHOGRAPHIC PRODUCTIONS. CONTINENTAL LITHOGRAPH CORPORATION, Cleveland, Ohio.
Filed June 16, 1937. Serial No. 394,128. PUBLISHED DECEMBER 14, 1937. Class 38.

354,704. TRUCK CASTERS. DIVINE BROTHERS COMPANY, Utica, N. Y.
Filed June 23, 1937. Serial No. 394,404. PUBLISHED DECEMBER 14, 1937. Class 19.

354,705. COMMUNICATION EQUIPMENT. SOUND PRODUCTS, Hollywood, Calif.
Filed June 26, 1937. Serial No. 394,650. PUBLISHED DECEMBER 14, 1937. Class 21.

354,706. PIANO ACCORDIONS, VIENNA MODEL ACCORDIONS, STOP ACCORDIONS, AND CONCERTINAS. LOUIS SORKIN, doing business as Sorkin Music Company, New York, N. Y.
Filed July 12, 1937. Serial No. 395,159. PUBLISHED DECEMBER 14, 1937. Class 36.

354,707. STRUCTURAL WALL SURFACING SOUND ABSORBING AND DECORATIVE MATERIALS COMPOSED PRIMARILY OF POROUS EXPANDED MINERAL AGGREGATE WITH SUITABLE BINDER. THE CELOTEX CORPORATION, Chicago, Ill.
Filed July 19, 1937. Serial No. 395,377. PUBLISHED DECEMBER 14, 1937. Class 12.

354,708. MAGAZINES AND PERIODICALS. CONGRATULATIONS, INC., New York, N. Y.
Filed July 19, 1937. Serial No. 395,500. PUBLISHED DECEMBER 14, 1937. Class 38.

354,709. BATTERY COMPOUND. CARRIE E. MARCELLE, Philadelphia, Pa.
Filed July 22, 1937. Serial No. 395,534. PUBLISHED DECEMBER 7, 1937. Class 6.

354,710. DEPILATORY. MARINELLO CORPORATION, New York, N. Y.
Filed July 23, 1937. Serial No. 395,583. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,711. DRY CLEANING MACHINES. METAL GLASS PRODUCTS COMPANY, Belding, Mich.
Filed July 23, 1937. Serial No. 395,586. PUBLISHED DECEMBER 14, 1937. Class 24.

354,712. LOTION FOR IRRITATIONS OF THE SKIN AND SCALP AND ASSOCIATED ITCHING. S. I. Q. COMPANY, New York, N. Y.
Filed July 24, 1937. Serial No. 395,626. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,713. VENTILATING, COOLING, AND AIR CONDITIONING UNIT OF A POWER OPERATED TYPE. UTILITY FAN & MANUFACTURING COMPANY, Los Angeles, Calif.
Filed July 29, 1937. Serial No. 395,775. PUBLISHED DECEMBER 14, 1937. Class 34.

354,714. SPECIALLY PREPARED CONCENTRATED FOOD IN TABLET FORM WITH ADDED IRON, CALCIUM, PHOSPHORUS AND VITAMIN D, TO BE TAKEN WHEN THE DIET IS DEFICIENT IN THESE ELEMENTS. NESTLE'S MILK PRODUCTS, INC., New York, N. Y.
Filed July 30, 1937. Serial No. 395,784. PUBLISHED DECEMMER 7, 1937. Class 6.

354,715. CLAM CHOWDER. WILLIAM C. WAUGH, doing business as Cape Cod Cooks, Middleboro, Mass.
Filed August 4, 1937. Serial No. 396,017. PUBLISHED DECEMBER 14, 1937. Class 46.

354,716. OFFICE INTER-COMMUNICATING TELEPHONE, RADIO, OR THE LIKE. RADIO LABORATORIES, INC., Seattle, Wash.
Filed August 5, 1937. Serial No. 396,043. PUBLISHED DECEMBER 14, 1937. Class 21.

354,717. DISPLAY SIGNS AND BOARDS AND PORTABLE ROTARY WHEELS CONTAINING INDICIA, ALL AS USED FOR COMMODITY AND THEATER ADVERTISING. T. M. ELLIS, JR., doing business as Shekels Advertising Company, Beloit, Wis.
Filed August 9, 1937. Serial No. 396,187. PUBLISHED DECEMBER 14, 1937. Class 50.

354,718. LADIES' HANDBAGS OF IMITATION LEATHER. SOL MUTTERPERL, INC., New York, N. Y.
Filed August 13, 1937. Serial No. 396,367. PUBLISHED DECEMBER 14, 1937. Class 3.

354,719. CHEMICALLY PREPARED DEODORANTS, CONTRACEPTIVES IN POWDER AND PASTE FORMS, AND TOILET PREPARATIONS—NAMELY, FACE POWDER, FACE ROUGE, LIPSTICK, FACE CREAM, ASTRINGENT LOTION, ACNE LOTION, LIQUID FACE POWDER, MASCARA, PERFUME, TOILET WATER, AND SHAMPOO. HARRY D. KOENIG, doing business as Swan Luxuries Co., New York, N. Y.
Filed August 14, 1937. Serial No. 396,407. PUBLISHED DECEMBER 7, 1937. Class 6.

354,720. CANNED AND FRESH CITRUS FRUITS AND CANNED FRUIT JUICES FOR FOOD PURPOSES. DR. P. PHILLIPS COMPANY, Orlando, Fla.
Filed August 19, 1937. Serial No. 396,575. PUBLISHED DECEMBER 14, 1937. Class 46.

354,721. WOMEN'S, MISSES', AND CHILDREN'S DRESSES, SMOCKS, AND HOUSECOATS OF COTTON, SILK, ARTIFICIAL FIBERS AND COMBINATIONS OF AFORESAID MATERIALS. RHEA MANUFACTURING COMPANY, Milwaukee, Wis.
Filed August 19, 1937. Serial No. 396,578. PUBLISHED DECEMBER 14, 1937. Class 39.

354,722. PROTECTIVE SKIN CREAM. THE DERMO CO., Chicago, Ill.
Filed August 20, 1937. Serial No. 396,600. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,723. FRESH CITRUS FRUITS AND CANNED CITRUS FRUIT JUICES FOR FOOD PURPOSES. TREESWEET PRODUCTS CO., Los Angeles, Calif.
Filed August 20, 1937. Serial No. 396,619. PUBLISHED DECEMBER 14, 1937. Class 46.

354,724. INSECTICIDE BARRIERS FOR BANDING TREES AND OTHER EXPOSED SURFACES AGAINST THE PASSAGE OF CLIMBING AND CRAWLING INSECTS. CALIFORNIA SPRAY-CHEMICAL CORPORATION, Wilmington, Del., and Richmond, Calif.
Filed August 23, 1937. Serial No. 396,667. PUBLISHED DECEMBER 7, 1937. Class 6.

354,725. SEALING RINGS AND GLAND RINGS IN THE NATURE OF PISTON RINGS OR PACKING RINGS FOR SHAFTS MADE WHOLLY OR PRINCIPALLY OF CARBON. THE MORGAN CRUCIBLE COMPANY LIMITED, London, England.
Filed August 23, 1937. Serial No. 396,689. PUBLISHED DECEMBER 14, 1937. Class 35.

354,726. SEALING RINGS AND GLAND RINGS IN THE NATURE OF PISTON RINGS OR PACKING RINGS FOR SHAFTS MADE WHOLLY OR PRINCIPALLY OF CARBON. THE MORGAN CRUCIBLE COMPANY LIMITED, London, England.
Filed August 23, 1937. Serial No. 396,690. PUBLISHED DECEMBER 14, 1937. Class 35.

354,727. AIR-FEED HAMMER-DRILLS. INGERSOLL-RAND COMPANY, New York, N. Y.
Filed August 24, 1937. Serial No. 396,719. PUBLISHED DECEMBER 14, 1937. Class 23.

354,728. WOOD-CASED LEAD PENCILS. BLAISDELL PENCIL COMPANY, Philadelphia, Pa.
Filed August 27, 1937. Serial No. 396,801. PUBLISHED DECEMBER 14, 1937. Class 37.

354,729. SKIN TONING LOTION, SKIN BLEACHING LOTION, PERMANENT WAVE OIL, LIQUID CUTICLE REMOVER, LIQUID POWDER, ETC. F. F. LEITNER, doing business as Beautywise Laboratories, San Francisco, Calif.
Filed August 27, 1937. Serial No. 396,821. PUBLISHED DECEMBER 7, 1937. Class 6.

354,730. CAKE. Frank Lebell, doing business as Lebell Specialty Company, Los Angeles, Calif.
Filed August 26, 1937. Serial No. 396,860. PUBLISHED DECEMBER 14, 1937. Class 46.

354,731. JAR SEALING RINGS. CROWN CORK & SEAL COMPANY, INC., Baltimore, Md.
Filed August 28, 1937. Serial No. 396,868. PUBLISHED DECEMBER 14, 1937. Class 35.

354,732. MEDICATED TABLET TO RELIEVE COUGHS, HOARSENESS, THROAT "TICKLE", AND MINOR THROAT IRRITATIONS. MENLEY & JAMES, LIMITED, New York, N. Y.
Filed September 3, 1937. Serial No. 397,078. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,733. INTERMITTENTLY OPERATED, ELECTRICALLY ENERGIZED, TRAFFIC SIGNALS, ELECTRICALLY OPERATED SIGNAL CONTROLLERS, ELECTRIC SIGN FLASHERS, AND INDUSTRIAL TIMING DEVICES FOR CONTROLLING ELECTRIC CIRCUITS. EAGLE SIGNAL CORPORATION, Moline, Ill.
Filed September 4, 1937, Serial No. 397,110. PUBLISHED DECEMBER 14, 1937. Class 21.

354,734. TOILET CREAMS, TOILET LOTIONS, TOILET POWDERS, PERFUMES, TOILET WATERS, AND WATER SOFTENERS. ELMO, INC., Philadelphia, Pa.
Filed September 7, 1937. Serial No. 397,189. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,735. BAKING POWDER. STANDARD BRANDS INCORPORATED, New York, N. Y.
Filed September 8, 1937. Serial No. 397,233. PUBLISHED DECEMBER 14, 1937. Class 46.

354,736. MEN'S AND BOYS' SUITS, OVERCOATS, TOPCOATS, RAINCOATS, WOOL AND PART WOOL, AND LEATHER JACKETS AND COATS, ETC. B. GERTZ, INC., Jamaica, N. Y.
Filed September 9, 1937. Serial No. 397,248. PUBLISHED DECEMBER 14, 1937. Class 39.

354,737. ACETONE, RUBBING ALCOHOL, ALKALINE TABLETS, ALMOND MEAL, ALMOND OIL, ALUM, AMMONIA, ETC. R. H. MACY & CO., INC., New York, N. Y.
Filed September 9, 1937. Serial No. 397,258. PUBLISHED DECEMBER 7, 1937. Class 6.

354,738. PERIODICAL. PUBLIC RELATIONS, INC., New York, N. Y.
Filed September 9, 1937. Serial No. 397,267. PUBLISHED DECEMBER 14, 1937. Class 38.

354,739. PREPARATION RECOMMENDED FOR GROWING HAIR AND CLEANSING THE SCALP. WILLIAM DITALIA, Brooklyn, N. Y.
Filed September 9, 1937. Serial No. 397,319. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,740. KEY CHAINS AND KEY RINGS. CHAMPION LABORATORIES INC., Meriden, Conn.
Filed September 11, 1937. Serial No. 397,326. PUBLISHED DECEMBER 14, 1937. Class 13.

354,741. FOR FACIAL OIL FOR CLEANSING, REFINING, AND PROTECTING THE SKIN, AND ACTING AS A POWDER BASE. COSMESIS, INC., Chicago, Ill., assignor to Ralph Moore, St. Louis, Mo.
Filed September 13, 1937. Serial No. 397,356. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,742. TOILET WATER. PINAUD INCORPORATED, New York, N. Y.
Filed September 14, 1937. Serial No. 397,420. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,743. TRAYS, TROUGHS, RECEPTACLES, DISHES, FOOD CONTAINERS, FEEDING DEVICES AND FOOD SUPPORTING MEANS FOR FEEDING ANIMALS, BEASTS, AND FOWL. K-NINE DINER CORPORATION, Cleveland, Ohio.
Filed September 15, 1937. Serial No. 397,445. PUBLISHED DECEMBER 14, 1937. Class 2.

354,744. STRUCTURAL PANELS, VENEERS, PLYWOOD BOARDS AND PANELS, TECHNICAL PLYWOOD AND COMPOSITION BOARDS. JULIUS J. STERN, Chicago, Ill.
Filed September 16, 1937. Serial No. 397,488. PUBLISHED DECEMBER 7, 1937. Class 12.

354,745. DEODORANTS AND PERSPIRATION RETARDING PREPARATIONS. ELLEN N. BAUM, Denver, Colo.
Filed September 20, 1937. Serial No. 397,567. PUBLISHED DECEMBER 7, 1937. Class 6.

354,746. CANNED SHELLFISH. COMPANIA DE PRODUCTOS MARINOS, S. A., Ensenada, Mexico.
Filed September 21, 1937. Serial No. 397,612. PUBLISHED DECEMBER 14, 1937. Class 46.

354,747. ELECTRIC DRY SHAVERS. ELECTRIC RAZOR CORPORATION, Chicago, Ill.
Filed September 22, 1937. Serial No. 397,649. PUBLISHED DECEMBER 14, 1937. Class 23.

354,748. MASTIC FOR USE AS A SURFACING MATERIAL OR AS A PATCHING MATERIAL. ERNEST R. HEEREN, doing business as Roxseal Company, Long Island City, N. Y.
Filed September 22, 1937. Serial No. 397,662. PUBLISHED DECEMBER 14, 1937. Class 12.

354,749. ANNUAL PUBLICATION RELATING TO PERIODICALS AND THEIR ADVERTISING RATES. B & B SERVICE CORPORATION, Chicago, Ill.
Filed September 23, 1937. Serial No. 397,699. PUBLISHED DECEMBER 14, 1937. Class 38.

354,750. RADIO TUBES. MAXWELL M. BILOFSKY, New York, N. Y.
Filed September 23, 1937. Serial No. 397,700. PUBLISHED DECEMBER 14, 1937. Class 21.

354,751. DENTAL PREPARATION IN THE NATURE OF A PULP CAPPER AND PRESERVER FOR TEETH. CHARLES O. NELSON, doing business as Washington Dental Products Co., Centralia, Wash.
Filed September 23, 1937. Serial No. 397,719. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,752. WOOD WIND AND METAL WIND INSTRUMENTS SUCH AS CLARINETS, ALTO CLARINETS, BASS CLARINETS, FLUTES, PICCOLOS, ENGLISH HORNS, OBOES, SAXOPHONES, AND BASSOONS. WM. R. GRATZ IMPORT CO., New York, N. Y.
Filed September 27, 1937. Serial No. 397,847. PUBLISHED DECEMBER 14, 1937. Class 26.

354,753. PERFUMES. THE PETRIN CO., New York, N. Y.
Filed September 27, 1937, Serial No. 397,864. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,754. SERIES OF BOOKS PUBLISHED FROM TIME TO TIME. RANDOM HOUSE, INC., also doing business as Carlton House, New York, N. Y.
Filed September 27, 1937. Serial No. 397,870. PUBLISHED DECEMBER 14, 1937. Class 38.

354,755. CANNED DOG FOOD. READY FOODS COMPANY, INC., Chicago, Ill.
Filed September 27, 1937. Serial No. 397,871. PUBLISHED DECEMBER 14, 1937. Class 46.

354,756. PREPARATION FOR TREATING VINCENT'S INFECTION, STERILIZING THE MOUTH, AND ORAL DISEASES. A. W. VON DEILEN, doing business as Anodex Laboratories, Atlantic City, N. J.
Filed September 27, 1937. Serial No. 397,885. PUBLISHED DECEMBER 7, 1937. Class 6.

354,757. SPECIALLY PREPARED COSMETIC APPLICATION IN THE NATURE OF A FACIAL CREAM. THE DE ROOS-STERNHEIM COMPANY, INCORPORATED, Chicago, Ill.
Filed September 28, 1937. Serial No. 397,900. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,758. SLACKS, SWEAT SHIRTS, AND SWEATERS. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa.
Filed September 28, 1937. Serial No. 397,919. PUBLISHED DECEMBER 14, 1937. Class 39.

354,759. ENVELOPES OR FILES FOR NEGATIVE PHOTOGRAPHIC FILM AND THE LIKE. THE MINICAM COMPANY, Los Angeles, Calif.
Filed September 29, 1937. Serial No. 397,949. PUBLISHED DECEMBER 14, 1937. Class 26.

354,760. PAPER—TO WIT, NEWSPRINT PAPER, WRITING PAPER, AND WRAPPING PAPER, WHETHER PLAIN, COLORED, OR FIGURED. PEJEPSCOT PAPER COMPANY, Brunswick, Maine.
Filed September 29, 1937. Serial No. 397,950. PUBLISHED DECEMBER 14, 1937. Class 37.

354,761. PASTILLE FOR THE RELIEF OF MINOR THROAT IRRITATIONS, COUGHS DUE TO COLDS, AND HOARSENESS AND DRYNESS DUE TO THOSE CAUSES. BREWER & COMPANY, INC., Worcester, Mass.
Filed September 30, 1937. Serial No. 397,961. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,762. HYPOCHLORITES. BUFFALO ELECTRO-CHEMICAL COMPANY, INC., Buffalo, N. Y.
Filed September 30, 1937. Serial No. 397,962. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,763. EYE WASH. BELLE GREENBERG, Omaha, Nebr.
Filed October 1, 1937. Serial No. 398,007. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,764. ADHESIVE TAPE REMOVER FLUID. WILLIAM RADOFF, New York, N. Y.
Filed October 1, 1937. Serial No. 398,016. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,765. LIQUID PREPARATION TO BE ADDED TO THE DRINKING WATER OF POULTRY AS A GERMICIDE FOR THE TREATMENT OF CHOLERA, ROUPE, NASAL CATARRH, COLDS, CANKER PIP, CHICKENPOX, DIARRHEA, AND BLACKHEAD IN TURKEYS. A. & M. PRODUCTS CO., Stillwater, Okla.
Filed October 2, 1937. Serial No. 398,027. PUBLISHED DECEMBER 7, 1937. Class 6.

354,766. DRESS, NEGLIGEE, AND WORK SHIRTS, AND PAJAMAS. LOUIS BASKIND & CO., INC., New York, N. Y.
Filed October 4, 1937. Serial No. 398,061. PUBLISHED DECEMBER 14, 1937. Class 39.

354,767. CHEMICAL COMPOUND HAVING WATER SOFTENING AND GERMICIDAL PROPERTIES FOR USE IN WASHING GLASSES, ETC. CALGON INCORPORATED, Pittsburgh, Pa.
Filed October 4, 1937. Serial No. 398,088. PUBLISHED DECEMBER 7, 1937. Class 6.

354,768. COLLOIDAL MANGANESE SODIUM CACODYLATE PREPARATION IN AMPUL FORM FOR INTRAGLUTEAL USE. THE DRUG PRODUCTS CO., INC., Long Island City, N. Y.
Filed October 4, 1937. Serial No. 398,099. PUBLISHED NOVEMBER 16, 1937. Class 6.

354,769. LUBRICATION GREASE. SOUTHWEST GREASE & OIL COMPANY, Wichita, Kans.
Filed October 4, 1937. Serial No. 398,131. PUBLISHED DECEMBER 7, 1937. Class 15.

354,770. COLUMN PUBLISHED IN ITS DAILY NEWSPAPER. HEARST PUBLICATIONS, INCORPORATED, San Francisco, Calif.
Filed October 4, 1937. Serial No. 398,139. PUBLISHED DECEMBER 14, 1937. Class 38.

354,771. LAXATIVE. OTIS CLAPP & SON, INC., Boston, Mass.
Filed October 5, 1937. Serial No. 398,147. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,772. LAXATIVE TABLET. OTIS CLAPP & SON, INC., Boston, Mass.
Filed October 5, 1937. Serial No. 398,148. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,773. MEN'S, WOMEN'S, BOYS', AND CHILDREN'S UNDERWEAR, PAJAMAS, SLEEPING GARMENTS FOR MEN, WOMEN, AND CHILDREN, SWEATERS, AND SPORTWEAR—NAMELY, SWEAT SHIRTS, BASEBALL SHIRTS, SPORT COATS, CAMPUS SHIRTS, AND POLO SHIRTS. WRIGHT'S UNDERWEAR CO. INC., New York, N. Y.
Filed October 5, 1937. Serial No. 398,184. PUBLISHED DECEMBER 14, 1937. Class 39.

354,774. MEDICINAL COMPOUND, IN TABLET FORM, FOR THE TREATMENT OF GALACTAGOGUE AND POSTPARTUM INVOLUTANT. THE HARROWER LABORATORY, INC., Glendale, Calif.
Filed October 6, 1937. Serial No. 398,199. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,775. MEDICINAL COMPOUND IN TABLET FORM FOR THE TREATMENT OF DYSOVARISM AND MENORRHAGIA. THE HARROWER LABORATORY, INC., Glendale, Calif.
Filed October 6, 1937. Serial No. 398,201. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,776. MEDICINAL PREPARATION FOR TREATMENT OF TOXEMIAS AND OTHER DISORDERS INCIDENT TO PREGNANCY. THE HARROWER LABORATORY, INC., Glendale, Calif.
Filed October 6, 1937. Serial No. 398,202. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,777. MEDICINAL PREPARATION FOR TREATMENT OF PROSTATIC HYPERTROPHY AND PROSTATIC NEURASTHENIA. THE HARROWER LABORATORY, INC., Glendale, Calif.
Filed October 6, 1937. Serial No. 398,203. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,778. FISHING SPOONS AND LURES. DON W. ROSE, Cooperstown, N. Y.
Filed October 7, 1937. Serial No. 398,261. PUBLISHED DECEMBER 14, 1937. Class 22.

354,779. OIL BURNERS. SHERWOOD BROTHERS INCORPORATED, Baltimore, Md.
Filed October 7, 1937. Serial No. 398,263. PUBLISHED DECEMBER 14, 1937. Class 34.

354,780. CIGARS. GARCIA GRANDE CIGARS, INCORPORATED, New York, N. Y.
Filed October 9, 1937. Serial No. 398,312. PUBLISHED DECEMBER 14, 1937. Class 17.

354,781. PERFUME. JADWIGA REMEDIES, INC., Brooklyn, N. Y.
Filed October 9, 1937. Serial No. 398,318. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,782. PREPARATIONS FOR PROTECTING AND CONDITIONING THE SKIN. E. R. SQUIBB & SONS, New York, N. Y.
Filed October 9, 1937. Serial No. 398,328. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,783. PREPARATION USED IN THE RELIEF OF PAIN. ASPODYNE, INCORPORATED, Charleston, Ill.
Filed October 11, 1937. Serial No. 398,342. PUBLISHED NOVEMBER 30, 1937. Class 6.

354,784. LUBRICATING OILS. LOUIS M. GOLDMAN, doing business as Lou Bob Company, Chicago, Ill.
Filed October 11, 1937. Serial No. 398,353. PUBLISHED DECEMBER 14, 1937. Class 15.

354,785. BOWLING ALLEY. CARL L. HARRY, Mount Healthy, Ohio.
Filed October 11, 1937. Serial No. 398,354. PUBLISHED DECEMBER 14, 1937. Class 22.

354,786. WHISKEY. JOSEPH SPATOLA, SR., doing business as Spatola Importing Company, Philadelphia, Pa.
Filed October 11, 1937. Serial No. 398,374. PUBLISHED DECEMBER 14, 1937. Class 49.

354,787. MEDICINAL PREPARATION OR BEVERAGE FOR USE AFTER EXCESSIVE EATING OR DRINKING. THE DEALKOL COMPANY, Chagrin Falls, Ohio.
Filed October 12, 1937. Serial No. 398,392. PUBLISHED DECEMBER 7, 1937. Class 6.

354,788. BITUMINOUS COALS. EASTERN COAL CORPORATION, Bluefield, W. Va.
Filed October 12, 1937. Serial No. 398,393. PUBLISHED DECEMBER 14, 1937. Class 1.

354,789. FRESH CITRUS FRUITS AND FRESH VEGETABLES. MISSION FRUIT & VEGETABLE CO., INC., Mission, Tex.
Filed October 12, 1937. Serial No. 398,401. PUBLISHED DECEMBER 14, 1937. Class 46.

354,790. SEALING COMPOSITION USED FOR RELINING UPPER FALSE TEETH DENTURES. PERMATEX COMPANY, INC., Brooklyn, N. Y.
Filed October 12, 1937. Serial No. 398,405. PUBLISHED DECEMBER 14, 1937. Class 44.

354,791. WINES. SCATENA BROS. WINE CO., Healdsburg, Calif.
Filed October 12, 1937. Serial No. 398,410. PUBLISHED DECEMBER 14, 1937. Class 47.

354,792. PRINTS AND REPRODUCTION OF PAINTINGS. CONTINENTAL LITHOGRAPH CORPORATION, Cleveland, Ohio.
Filed October 9, 1937. Serial No. 398,415. Class 38.

354,793. CUSHION SHEETS USED IN PREPARATION OF STENCILS. A. B. DICK COMPANY, Chicago, Ill.
Filed October 13, 1937. Serial No. 398,424. PUBLISHED DECEMBER 14, 1937. Class 37.

354,794. SUGAR. THE AMERICAN SUGAR REFINING COMPANY, Jersey City, N. J. and New York, N. Y.
Filed October 14, 1937. Serial No. 398,448. PUBLISHED DECEMBER 14, 1937. Class 46.

354,795. PARTITIONS, DOORS, WOOD MOLDING, AND WOOD TRIM. DRIWOOD CORPORATION, New York, N. Y.
Filed October 15, 1937. Serial No. 398,452. PUBLISHED DECEMBER 14, 1937. Class 12.

354,796. CLOTHS AND STUFFS IN THE PIECE MADE OF WOOL, WORSTED, AND HAIR. BURBERRYS LIMITED, London, England.
Filed October 14, 1937. Serial No. 398,457. PUBLISHED DECEMBER 14, 1937. Class 42.

354,797. DISINFECTANT AND ANTISEPTIC. LINGNER-WERKE VERTRIEBS, G. M. B. H., Dresden, Germany.
Filed October 14, 1937. Serial No. 398,476. PUBLISHED DECEMBER 7, 1937. Class 6.

354,798. LADIES' SLIPS. SUPERIOR PETTICOAT COMPANY, INC., New York, N. Y.
Filed October 14, 1937. Serial No. 398,504. PUBLISHED DECEMBER 14, 1937. Class 39.

354,799. HORSE AND MULE FEED, AND LAYING MASH. JOHN M. WILSON, doing business as Eureka Feed Mills, Meridian, Miss.
Filed October 14, 1937. Serial No. 398,512. PUBLISHED DECEMBER 14, 1937. Class 46.

354,800. STATIONARY MECHANICALLY-OPERATED AIRPLANE AMUSEMENT DEVICES. BYERLY AIRCRAFT CORP., Salem, Oreg.
Filed October 15, 1937. Serial No. 398,531. PUBLISHED DECEMBER 14, 1937. Class 22.

354,801. MARBLES. BERRY PINK, INC., New York, N. Y.
Filed October 15, 1937. Serial No. 398,546. PUBLISHED DECEMBER 14, 1937. Class 22.

354,802. BOYS' AND GIRLS' WEAR—NAMELY, CHILDREN'S WASH SUITS. THE STROUSE-BAER COMPANY, INC., Baltimore, Md.
Filed October 15, 1937. Serial No. 398,549. PUBLISHED DECEMBER 14, 1937. Class 39.

354,803. HOUSE NUMBERS AND LETTERS AND LAWN SPRINKLERS. CHISHOLM-RYDER CO., INC., Niagara Falls, N. Y.
Filed October 16, 1937. Serial No. 398,554. PUBLISHED DECEMBER 14, 1937. Class 13.

354,804. CORNETS, TRUMPETS, FLUEGELHORNS, FRENCH HORNS, TROMBONES, EUPHONIUMS, BARITONES, BASSES, SOUSAPHONES, ALTO HORNS, MELLOPHONES, SAXOPHONES, CLARINETS, FLUTES, PICCOLOS, SARRUSOPHONES, BASSOONS, OBOES, AND BUGLES AND ACCESSORIES THEREFOR. C. G. CONN, LTD., Elkhart, Ind.
Filed October 16, 1937. Serial No. 398,560. PUBLISHED DECEMBER 14, 1937. Class 36.

354,805. CORNETS, TRUMPETS, FLUEGELHORNS, FRENCH HORNS, TROMBONES, EUPHONIUMS, BARITONES, BASSES, SOUSAPHONES, ALTO HORNS, MELLOPHONES, SAXOPHONES, CLARINETS, FLUTES, PICCOLOS, SARRUSOPHONES, BASSOONS, OBOES, AND BUGLES AND ACCESSORIES THEREFOR. C. G. CONN, LTD., Elkhart, Ind.
Filed October 16, 1937. Serial No. 398,561. PUBLISHED DECEMBER 14, 1937. Class 36.

354,806. FLEXIBLE COVERS FOR DUPLICATING MACHINES. A. B. DICK COMPANY, Chicago, Ill.
Filed October 16, 1937. Serial No. 398,566. PUBLISHED DECEMBER 14, 1937. Class 50.

354,807. FLUID ADAPTED FOR USE IN STENCILING AND FOR SOFTENING STENCILS AND STENCIL PAPER. A. B. DICK COMPANY, Chicago, Ill.
Filed October 16, 1937. Serial No. 398,567. PUBLISHED DECEMBER 7, 1937. Class 6.

354,808. ARTIFICIAL FISHING BAIT. JOHN M. HERBERT, doing business as Herbert Manufacturing Co., Shreveport, La.
Filed October 16, 1937. Serial No. 398,573. PUBLISHED DECEMBER 14, 1937. Class 22.

354,809. WRENCH SOCKET KITS. INDUSTRO MANUFACTURING CORP., Chicago, Ill.
Filed October 16, 1937. Serial No. 398,579. PUBLISHED DECEMBER 14, 1937. Class 23.

354,810. FARM TRACTORS AND PARTS THEREOF. THE MASSEY-HARRIS COMPANY, Racine, Wis.
Filed October 16, 1937. Serial No. 398,582. PUBLISHED DECEMBER 14, 1937. Class 23.

354,811. COMPOSITION OF CARBONACEOUS MATERIAL AND ENERGIZER FOR THE CARBURIZING OF STEEL. E. F. HOUGHTON & CO., Philadelphia, Pa.
Filed October 18, 1937. Serial No. 398,621. PUBLISHED DECEMBER 7, 1937. Class 6.

354,812. INSECTICIDES. AGICIDE LABORATORIES, Milwaukee, Wis.
Filed October 18, 1937. Serial No. 398,598. PUBLISHED DECEMBER 7, 1937. Class 6.

354,813. INSECTICIDES. AGICIDE LABORATORIES, Milwaukee, Wis.
Filed October 18, 1937. Serial No. 398,600. PUBLISHED DECEMBER 7, 1937. Class 6.

354,814. INSTRUMENTS FOR EXHAUST GAS ANALYSIS. CLARENCE V. ELLIOTT, Los Angeles, Calif.
Filed October 18, 1937. Serial No. 398,615. PUBLISHED DECEMBER 14, 1937. Class 26.

354,815. MEN'S DRESS SHIRTS. LOUIS MILLER, doing business as Louis Miller and Company, New York, N. Y.
Filed October 18, 1937. Serial No. 398,629. PUBLISHED DECEMBER 14, 1937. Class 39.

354,816. CALCIUM PHOSPHORUS VITAMINIC PREPARATION. MODERN HEALTH PRODUCTS, INC., Milwaukee, Wis.
Filed October 18, 1937. Serial No. 398,631. PUBLISHED DECEMBER 7, 1937. Class 6.

354,817. WINDOW SCREENS. PORTER SCREEN COMPANY, Winooski, Vt.
Filed October 18, 1937. Serial No. 398,636. PUBLISHED DECEMBER 14, 1937. Class 12.

354,818. WRENCHES. THE BILLINGS & SPENCER COMPANY, Hartford, Conn.
Filed October 19, 1937. Serial No. 398,660. PUBLISHED DECEMBER 14, 1937. Class 23.

354,819. ELECTRIC SPOT LIGHTS FOR VEHICLES. THE S. H. THOMSON MFG. COMPANY, Dayton, Ohio.
Filed October 19, 1937. Serial No. 398,694. PUBLISHED DECEMBER 14, 1937. Class 21.

354,820. PORCH ENCLOSURES AND PREFABRICATED BUILDING STRUCTURES. E. C. ANDREWS COMPANY, Cleveland, Ohio.
Filed October 20, 1937. Serial No. 398,697. PUBLISHED DECEMBER 14, 1937. Class 12.

354,821. PLATES FOR MAKING STENCILS. A. B. DICK COMPANY, Chicago, Ill.
Filed October 20, 1937. Serial No. 398,714. PUBLISHED DECEMBER 14, 1937. Class 50.

354,822. INTERLEAVING BLOTTERS AND SEPARATORS. A. B. DICK COMPANY, Chicago, Ill.
Filed October 21, 1937. Serial No. 398,760. PUBLISHED DECEMBER 14, 1937. Class 37.

354,823. WHEAT FLOUR. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn.
Filed October 21, 1937. Serial No. 398,789. PUBLISHED DECEMBER 14, 1937. Class 46.

354,824. WHEAT FLOUR. PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn.
Filed October 21, 1937. Serial No. 398,790. PUBLISHED DECEMBER 14, 1937. Class 46.

354,825. DOUGH IMPROVER, I. E., A COMPOSITION OR COMPOUND USED AS AN INGREDIENT OF BREAD TO IMPROVE THE QUALITY THEREOF. STANDARD BRANDS INCORPORATED, New York, N. Y.
Filed October 21, 1937. Serial No. 398,794. PUBLISHED DECEMBER 14, 1937. Class 46.

354,826. GIRLS' DRESSES. SAMUEL WIENER, doing business as Universal Children's Dress Co., New York, N. Y.
Filed October 21, 1937. Serial No. 398,796. PUBLISHED DECEMBER 14, 1937. Class 39.

354,827. WOMEN'S AND MISSES' COATS, SUITS, DRESSES, BLOUSES, CULOTTES, PLAYSUITS, PLAYSHORTS, SLACKS, HALTERS, AND BATHING SUITS. CARLSTON SPORTSWEAR, INC., New York, N. Y.
Filed October 22, 1937. Serial No. 398,803. PUBLISHED DECEMBER 14, 1937. Class 39.

354,828. PIECE GOODS MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed October 22, 1937. Serial No. 398,804. PUBLISHED DECEMBER 14, 1937. Class 42.

354,829. PIECE GOODS MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed October 22, 1937. Serial No. 398,805. PUBLISHED DECEMBER 14, 1937. Class 42.

354,830. PIECE GOODS MADE WHOLLY OR PARTIALLY OF CELLULOSE DERIVATIVES. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed October 22, 1937. Serial No. 398,807. PUBLISHED DECEMBER 14, 1937. Class 42.

354,831. RUGS, CARPETS, AND FLOOR COVERINGS. GEO E. MALLINSON IMPORTING CO., INC., New York, N. Y.
Filed October 22, 1937. Serial No. 398,817. PUBLISHED DECEMBER 14, 1937. Class 42.

354,832. WOMEN'S DRESSES. COSMO DRESS, INC., New York, N. Y.
Filed October 23, 1937. Serial No. 398,839. PUBLISHED DECEMBER 14, 1937. Class 39.

354,833. WHISKEY. MILESTONE DISTILLING COMPANY INCORPORATED, Louisville, Ky., and San Francisco, Calif.
Filed October 25, 1937. Serial No. 398,918. PUBLISHED DECEMBER 14, 1937. Class 49.

354,834. TEXTILE FABRICS IN THE PIECE—NAMELY, SILK FABRICS; COTTON FABRICS, WOOL FABRICS, RAYON FABRICS, AND PILE FABRICS MADE OF SILK AND RAYON AND MIXTURES THEREOF. NATIONAL FABRICS CORPORATION, New York, N. Y.
Filed October 25, 1937. Serial No. 398,923. PUBLISHED DECEMBER 14, 1937. Class 42.

354,835. WOMEN'S COATS AND SUITS. ORNSTEIN, LEVY & ISRAELSON, New York, N. Y.
Filed October 25, 1937. Serial No. 398,929. PUBLISHED DECEMBER 14, 1937. Class 39.

354,836. WHISKEY. MILESTONE DISTILLING COMPANY INCORPORATED, Louisville, Ky., and San Francisco, Calif.
Filed October 27, 1937. Serial No. 399,003. PUBLISHED DECEMBER 14, 1937. Class 49.

354,837. PIECE GOODS OF SPUN RAYON. ARTHUR BEIR & Co. INC., New York, N. Y.
Filed October 28, 1937. Serial No. 399,029. PUBLISHED DECEMBER 14, 1937. Class 42.

354,838. FOOD PRODUCTS—NAMELY, COFFEE. CHARACTER SALES CORPORATION, New York, N. Y.
Filed October 28, 1937. Serial No. 399,034. PUBLISHED DECEMBER 14, 1937. Class 46.

354,839. TOOTH BRUSHES. PRO-PHY-LAC-TIC BRUSH COMPANY, Northampton, Mass.
Filed October 29, 1937. Serial No. 399,108. PUBLISHED DECEMBER 14, 1937. Class 29.

354,840. NONALCOHOLIC BEVERAGE. LEROY O. SCHNEEBERGER, doing business as Bubble Up Company, St. Louis, Mo.
Filed October 30, 1937. Serial No. 399,154. PUBLISHED DECEMBER 14, 1937. Class 45.

354,841. BEER. KAMM & SCHELLINGER COMPANY, INC., Mishawaka, Ind.
Filed November 4, 1937. Serial No. 399,303. PUBLISHED DECEMBER 14, 1937. Class 48.

354,842. LUBRICATING OILS AND GREASES. HALL HARDWARE COMPANY, Minneapolis, Minn.
Filed November 5, 1937. Serial No. 399,354. PUBLISHED DECEMBER 14, 1937. Class 15.

354,843. COIN-CONTROLLED AMUSEMENT APPARATUS. THE EXHIBIT SUPPLY COMPANY, Chicago, Ill.
Filed November 6, 1937. Serial No. 399,404. PUBLISHED DECEMBER 14, 1937. Class 22.

354,844. WRITING FLUID. ADDRESSOGRAPH-MULTIGRAPH CORPORATION, Euclid, Ohio.
Filed November 10, 1937. Serial No. 399,544. PUBLISHED DECEMBER 14, 1937. Class 11.

354,845. COMMON AND TOILET PINS, SAFETY PINS, HAIRPINS, T-HEAD PINS, SNAP FASTENERS, HOOKS AND EYES, NEEDLES FOR SEWING BY HAND, ALL MADE OF NON-PRECIOUS METAL. WILLIAM PRYM OF AMERICA, INC., New York, and Long Island City, N. Y.
Filed March 26, 1936. Serial No. 376,442. PUBLISHED JULY 7, 1936. Class 40.

[ACT OF MARCH 19, 1920, SEC. 1 (b)]

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION

354,846. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) NATIONAL ENAMELING AND STAMPING COMPANY, Milwaukee, Wis. Filed Dec. 14, 1934. Serial No. 369,214.

Greenstone

For Enameled Steel Cooking Hollow Ware.
Claims use since April, 1929.

354,847. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) NATIONAL ENAMELING AND STAMPING COMPANY, Milwaukee, Wis. Filed Dec. 14, 1934. Serial No. 369,215.

Ivorystone

For Enameled Steel Cooking Hollow Ware.
Claims use since April, 1929.

354,848. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HOLLISTER CANNING COMPANY, INC., Hollister, Calif. Filed Feb. 5, 1936. Serial No. 374,520.

SAN BENITO

For Canned Fruits, Canned Vegetables.
Claims use since 1917.

354,849. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CHARLES F. JOHNSTON, doing business as Super Auto Products Company, Oakland, Calif. Filed Apr. 22, 1936. Serial No. 377,512.

FITZALL

For Piston Expanders.
Claims use since July, 1934.

354,850. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) CHARLES F. JOHNSTON, doing business as Super Auto Products Company, Oakland, Calif. Filed Apr. 22, 1936. Serial No. 377,513.

KURESLAP

For Piston Expanders.
Claims use since June, 1933.

354,851. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE ANDERSON COMPANY, Gary, Ind. Filed June 8, 1936. Serial No. 379,412.

TEN-EDGE

For Windshield Wipers and Parts Thereof.
Claims use since December, 1935.

354,852. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) THE ANDERSON COMPANY, Gary, Ind. Filed June 8, 1936. Serial No. 379,414.

HOOK-UP

For Windshield Wipers and Parts Thereof.
Claims use since December, 1935.

354,853. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) KITE MOLD COMPANY, Los Angeles, Calif. Filed Nov. 23, 1936. Serial No. 385,890.

VEN-CURE

For Machinery and Tools Used in the Manufacture and Repair of Rubber Tires—Namely, Retread Molds, Air Spreaders, Buffing Stands, Rasps, and Section Molds.
Claims use since June 15, 1936.

354,854. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE GREAT ATLANTIC & PACIFIC TEA COMPANY, New York, N. Y. Filed Dec. 31, 1936. Serial No. 387,323.

Jane Parker

For Cakes and Doughnuts.
Claims use since Dec. 24, 1936.

354,855. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DIEFFENBACH LABORATORIES INC., Rochester, N. Y. Filed Feb. 16, 1937. Serial No. 388,976.

DEN-TOL

For Liquid Tooth and Mouth Cleanser.
Claims use since Jan. 15, 1936.

354,856. (CLASS 15. OILS AND GREASES.) THE L. R. KERNS CO., INC., Chicago, Ill. Filed May 7, 1937. Serial No. 392,347.

MORFILM

For Lubricating Oils and Greases.
Claims use since Aug. 5, 1935.

354,857. (CLASS 32. FURNITURE AND UPHOLSTERY.) NO-SAG SPRING COMPANY, Detroit, Mich. Filed May 29, 1937. Serial No. 393,443.

NO-SAG

For Spring Seats, Seat Backs, Beds, and the Like.
Claims use since January, 1935.

354,858. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROCHELLE ASPARAGUS COMPANY, Rochelle, Ill. Filed Oct. 20, 1937. Serial No. 398,738.

Rochelle

For Canned Asparagus.
Claims use since Nov. 22, 1935.

354,859. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) S. SCHNEIDERMAN & SONS, New York, N. Y. Filed Nov. 4, 1937. Serial No. 399,333.

NAMBU FAX

For Fur Skins and Pelts.
Claims use since July 1, 1936.

354,860. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) BLACK DIAMOND COAL MINING COMPANY, Birmingham, Ala. Filed Dec. 6, 1937. Serial No. 400,484.

SMITHING Oswayo COAL

For Coal.
Claims use since 1916.

354,861. (CLASS 1. RAW OR PARTLY PREPARED MATERIALS.) BLACK DIAMOND COAL MINING COMPANY, Birmingham, Ala. Filed Dec. 6, 1937. Serial No. 400,485.

Genuine MARION Jellico

For Coal.
Claims use since January, 1936.

354,862. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) GAMBLE STORES INCORPORATED, Minneapolis, Minn. Filed Jan. 10, 1938. Serial No. 401,735.

Coronado

For Laundry Washing Machines.
Claims use since August, 1935.

TRADE-MARK REGISTRATIONS RENEWED

116,050. PERFUMES, TOILET WATERS, FACE-CREAMS, FACE-POWDERS, AND TALCUM POWDERS. Registered April 3, 1917. FAXON & GALLAGHER DRUG CO., Kansas City, Mo. Renewed April 3, 1937, to McKesson & Robbins, Incorporated, Fairfield, Conn., a corporation of Maryland, assignee by mesne assignments.

119,154. AN INSECTICIDE AND DEODORIZER. Registered October 23, 1917. WHITE CROSS CHEMICAL COMPANY, Lynn, Mass. Renewed October 23, 1937, to Gus A. Liljegren, doing business as White Cross Chemical Co., Lunenburg, Mass., successor.

119,626. COFFEE. Registered December 11, 1917. AMERICAN COFFEE COMPANY OF NEW ORLEANS, LTD. Renewed December 11, 1937, to American Coffee Company, Inc., New Orleans, La., a corporation of Louisiana, assignee.

119,887. CERTAIN NAMED PAINTS AND PAINTERS' MATERIALS. Registered December 18, 1917. FELTON, SIBLEY & CO., INC., Philadelphia, Pa., a corporation of Pennsylvania. Renewed December 18, 1937.

119,888. CERTAIN NAMED MEASURING AND SCIENTIFIC APPARATUS. Registered December 18, 1917. HERBERT FORESTER. Renewed December 18, 1937, to Wilfred G. Forester, administrator of the estate of Herbert Forester, deceased, doing business as Veritas Firing System Company, Trenton, N. J., successor.

120,072. CERTAIN NAMED TOILET PREPARATIONS. Registered January 8, 1918. WALLACE B. COATES, JR., Lynn, Mass. Renewed January 8, 1938, to Wallace B. Coates, Jr., North Andover, Mass.

120,218. DRINKING-FOUNTAINS AND PARTS THEREOF INTENDED FOR HUMAN BEINGS. Registered January 15, 1918. PURO SANITARY DRINKING FOUNTAIN CO. Renewed January 15, 1938, to Reuben B. Hills, doing business as Puro Sanitary Drinking Fountain Co., Haydenville, Mass., successor.

120,279. AN INSECTICIDE USED FOR DESTROYING INSECTS. Registered January 29, 1918. NICOTINE MFG. CO., St. Louis, Mo., a corporation of Missouri. Renewed January 29, 1938.

120,381. BEARINGS FOR MACHINERY. Registered February 5, 1918. GENERAL ELECTRIC COMPANY, Schenectady, N. Y., a corporation of New York. Renewed February 5, 1938.

120,479. HAIR-NETS. Registered February 12, 1918. NATHAN B. COHEN. Renewed February 12, 1938, to N. B. Cohen Company, Scranton, Pa., assignee by mesne assignments.

120,635. TEA, FLAVORING EXTRACTS FOR FOODS, VINEGAR, CANNED SALMON, SPICES, AND RED PEPPER. Registered February 19, 1918. F. E. ROYSTON & COMPANY, INC., Aurora, Ill., a corporation of Illinois. Renewed February 19, 1938.

120,737. APPARATUS FOR RECTIFYING ALTERNATING CURRENT. Registered March 5, 1918. GENERAL ELECTRIC COMPANY, Schenectady, N. Y., a corporation of New York. Renewed March 5, 1938.

120,992. CERTAIN NAMED HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES. Registered March 19, 1918. THE NATIONAL SUPPLY COMPANY, Toledo, Ohio. Renewed March 19, 1938, to The National Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania, assignee by mesne assignments.

121,213. COCKTAILS COMPOSED OF VERMOUTH, WINE, AND BITTERS, OF WHICH THE PREDOMINATING INGREDIENT IS WINE. Registered April 16, 1918. ALEX D. SHAW & CO. Renewed April 16, 1938, to Alex D. Shaw & Co., Inc., New York, N. Y., a corporation of New York, assignee.

121,320. CERTAIN NAMED CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF. Registered April 23, 1918. THE NATIONAL SUPPLY COMPANY, Toledo, Ohio. Renewed April 23, 1938, to The National Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania, assignee by mesne assignments.

121,642. CERTAIN NAMED METALS AND METAL CASTINGS AND FORGINGS. Registered May 14, 1918. THE NATIONAL SUPPLY COMPANY, Toledo, Ohio. Renewed May 14, 1938, to The National Supply Company, Pittsburgh, Pa., a corporation of Pennsylvania, assignee by mesne assignments.

121,760. BOOTS AND SHOES MADE OF OR CONTAINING RUBBER. Registered May 28, 1918. CONVERSE RUBBER SHOE CO. Renewed May 28, 1938, to Converse Rubber Company, Malden, Mass., a corporation of Massachusetts, assignee.

121,840. SHOES MADE OF LEATHER, CANVAS, RUBBER, AND A COMBINATION OF SAID MATERIALS. Registered May 28, 1918. ALBERT H. WEINBRENNER CO., Milwaukee, Wis., a corporation of Wisconsin. Renewed May 28, 1938.

121,858. PREPARATIONS FOR TREATING CERTAIN NAMED DISEASES. Registered June 11, 1918. BOERICKE & TAFEL, INC., Philadelphia, Pa., a corporation of Pennsylvania. Renewed June 11, 1938.

122,114. BABBITT METAL. Registered June 25, 1918. SYRACUSE SMELTING WORKS, Brooklyn, N. Y. Renewed June 25, 1938, to Syracuse Smelting Works, New York, N. Y., a corporation of New York.

LABELS

REGISTERED FEBRUARY 22, 1938

50,735.—*Title:* LA DOÑA LOTION. For Skin Lotion. ALDRICH OF HOLLYWOOD, Hollywood, Calif. Published September 16, 1936.

50,736.—*Title:* BEECH-NUT COFFEE. For Coffee. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published December 17, 1937.

50,737.—*Title:* PARI STYLE. For Cartons. BIRD & SON, INC., East Walpole, Mass. Published January 19, 1938.

50,738.—*Title:* TAILORED GLASS CURTAINS, IN CHIFONESE A CELANESE RAYON PRODUCT. For Curtains. CELANESE CORPORATION OF AMERICA, New York, N. Y. Published December 15, 1937.

50,739.—*Title:* FINE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published January 19, 1938.

50,740.—*Title:* FINE FOOTWEAR. For Footwear. A. C. CLAYTON PRINTING CO., St. Louis, Mo. Published January 19, 1938.

50,741.—*Title:* CREMCO BLEACH THE WASH-DAY CLEANING AND BLEACHING PREPARATION. For a Bleaching and Cleaning Preparation. CRYSTAL CHEMICAL CO., INC., Rutland, Vt. Published December 3, 1937.

50,742.—*Title:* "IT'S THE NUTS"—DE LISHUS TOPS FOR ALL CAKES AND DESSERTS. "IF IT'S DE LISHUS IT'S DELICIOUS!" For Topping and Filling for Cakes, Desserts, Foods, and Food Dishes. DE LISHUS FOODS CORPORATION, Long Island City, N. Y. Published November 11, 1937.

50,743.—*Title:* BOND—GUARANTEED FRESH. For Bread. GENERAL BAKING COMPANY, New York, N. Y. Published January 17, 1938.

50,744.—*Title:* CODURAL. For Unguentum. HART DRUG CORPORATION, Miami, Fla. Published January 14, 1938.

50,745.—*Title:* ALLANTUREA. For Unguentum. HART DRUG CORPORATION, Miami, Fla. Published January 14, 1938.

50,746.—*Title:* THIS GARMENT IS NOT RETURNABLE AFTER USE. For Bathing Suits. NATIONAL KNITTED OUTERWEAR ASSOCIATION, New York, N. Y. Published November 24, 1937.

50,747.—*Title:* THIS GARMENT IS NOT RETURNABLE AFTER USE—LASTEX. For Bathing Suits. NATIONAL KNITTED OUTERWEAR ASSOCIATION, New York, N. Y. Published November 24, 1937.

50,748.—*Title:* THIS GARMENT IS NOT RETURNABLE AFTER USE—DRESSMAKER BEACHWEAR. For Bathing Suits. NATIONAL KNITTED OUTERWEAR ASSOCIATION, New York, N. Y. Published November 24, 1937.

50,749.—*Title:* LUCKY BROWN PINK ROLLING MASSAGE CREAM. For a Massage Cream. MORTON G. NEUMANN, doing business as Famous Products Company, Chicago, Ill. Published December 20, 1937.

50,750.—*Title:* LUCKY BROWN TOOTH POWDER. For Tooth Powder. MORTON G. NEUMANN, doing business as Famous Products Company, Chicago, Ill. Published December 20, 1937.

50,751.—*Title:* LUCKY BROWN TALCUM POWDER. For Talcum Powder. MORTON G. NEUMANN, doing business as Famous Products Company, Chicago, Ill. Published December 20, 1937.

50,752.—*Title:* BROWN SKIN BEAUTY LEMON VANISHING CREAM. For Vanishing Cream. MORTON G. NEUMANN, doing business as Valmor Products Company, Chicago, Ill. Published December 20, 1937.

50,753.—*Title:* OUR GANG—JUNIOR STATIONERY. For Stationery. HAL ROACH STUDIOS, INC., Culver City, Calif. Published August 10, 1937.

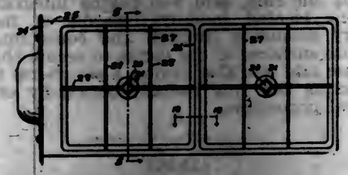
50,754.—*Title:* SCHREIBER'S OLD STOCK ALE. For Ale. SCHREIBER BREWING COMPANY, INC., Buffalo, N. Y. Published December 29, 1937.

50,755.—*Title:* MEDALLION. For California Burgundy Wine. STANDARD BEVERAGE CO., INC., Miami, Fla. Published December 14, 1937.

REISSUES

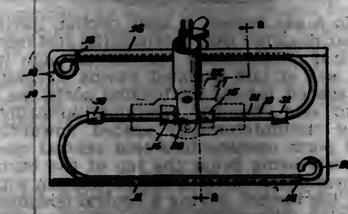
FEBRUARY 22, 1938

20,656
REFRIGERATING APPARATUS
Bertram B. Geyer, Dayton, Ohio, assignor; by mesne assignments, to General Motors Corporation, a corporation of Delaware
Original No. 1,940,699, dated December 26, 1933, Serial No. 466,004, July 17, 1930, Renewed May 15, 1933. Application for reissue December 20, 1935, Serial No. 55,491
20 Claims. (Cl. 62—108.5)



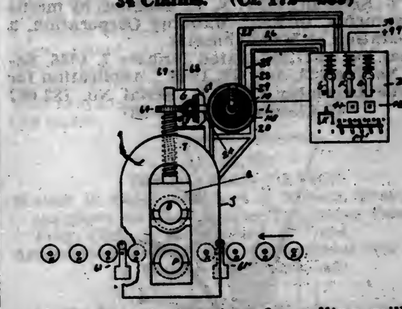
1. In freezing apparatus for liquids, the combination of a tray for making ice cubes, a grid within said tray adapted to form a plurality of ice cube molds, and cam means for expanding said grid and for raising the grid from the tray.

20,657
FLOOR POLISHING DEVICE
John Glover, Chicago, Ill., assignor, by mesne assignments, to Midway Chemical Co., Jersey City, N. J., a corporation of New Jersey
Original No. 1,982,262, dated December 4, 1934, Serial No. 667,661, April 24, 1933. Application for reissue December 4, 1936, Serial No. 114,206
13 Claims. (Cl. 15—231)



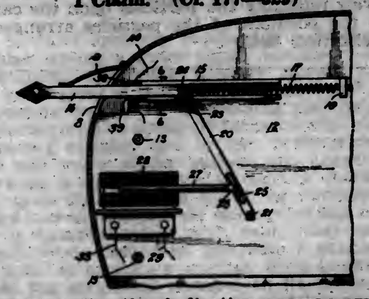
12. In a polishing device, a plate having substantially parallel spaced-apart edge portions with metal along the edge portions being curled inwardly to provide opposed substantially parallel overhanging flanges, a stick socket having a hinged connection to said plate substantially at its middle point, spring means for detachably holding a polishing pad to said plate comprising a single piece of spring wire having substantially parallel leg portions united by a resilient, intermediate bent portion resiliently urging the leg portions outwardly, said spring means lying flat upon the upper surface of said plate with its spring leg portions underlyingly housed within the overhanging flanges of the plate portion and pressing resiliently thereagainst, said legs having free end portions located adjacent the end portions of the plate and having manually actuable grips, certain portions of the overhanging flanges at the plate terminating short of the end portions of the plate to permit access to the free ends of the leg portions for pressing the same inwardly to release the spring means from its resilient clamping engagement with the overhanging flanges of the plate.

20,658
AUTOMATIC CONTROL SYSTEM FOR ELECTRIC MOTORS
Claude M. Knight, Cleveland, Ohio
Original No. 1,832,490, dated November 17, 1931, Serial No. 8,282, February 11, 1925. Application for reissue July 25, 1932, Serial No. 622,097
34 Claims. (Cl. 172—239)



12. In a control system for rolling mills provided with a plurality of rolls, in combination, a screw-down motor for shifting the rolls, manual means for effecting the starting of the screw-down motor, means for automatically stopping the screw-down motor when the rolls have reached a predetermined position, and means for presetting the automatic stopping means to function at a plurality of different predetermined positions.

20,659
VEHICLE DIRECTION INDICATOR
Amalia de Murguiondo Riggs, Cooksville, Md.
Original No. 2,082,905, dated June 2, 1937, Serial No. 101,832, September 21, 1936. Application for reissue November 29, 1937, Serial No. 177,093
1 Claim. (Cl. 177—329)



A vehicle direction indicating means, comprising a port in the side of a vehicle, stationary guiding means arranged in the vehicle adjacent to and in line with said port, a horizontally movable indicating member guided by the guiding means and adapted to be projected through said

port, means operatively connected with the indicating member for retracting the latter, a solenoid positioned substantially parallel to the guiding means and arranged within the vehicle, said solenoid having a movable member, a pivot pin fixedly positioned in the vehicle adjacent the solenoid and below the plane of the movable member, a lever having one of its ends pivotally mounted on said pin, the medial portion of the lever being provided with a longitudinal slot, a pin passing through the last-mentioned slot and secured to the movable member of the solenoid, the opposite end of the lever being also slotted, and a pin fixedly secured to the indicating member and passing through the last-mentioned slot of the lever.

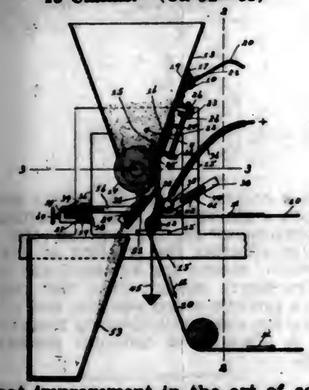
20,660

METHOD OF COATING AND APPARATUS THEREFOR AND PRODUCT

Elmer C. Schacht, Troy, N. Y., assignor, by mesne assignments, to Behr-Manning Corporation, a corporation of Massachusetts

Original No. 2,027,397, dated January 7, 1936, Serial No. 296,323, July 30, 1928. Application for reissue December 27, 1937, Serial No. 182,667

45 Claims. (Cl. 91—68)



1. That improvement in the art of coating a carrier with finely divided abrasive material which consists in gravitationally supplying abrasive particles to the carrier, controlling the positions of the particles upon the carrier by the action of an electrical field substantially at their point of deposition upon the carrier, and adhesively retaining the particles upon the carrier with the positions of the particles arranged by the electrical field.

20,661

COMPOSITE BRAKE DRUM

Frank W. Schmidt, Jackson, Mich., assignor to Motor Wheel Corporation, Lansing, Mich., a corporation of Michigan

Original No. 2,014,985, dated September 17, 1935, Serial No. 601,422, March 26, 1932. Application for reissue May 11, 1936, Serial No. 79,158

4 Claims. (Cl. 188—218)



1. A brake drum comprising a brake ring having a flange at one edge thereof, a web for supporting the ring, said web having integral projections located radially inwardly of its periphery extending through and contacting the opposite surfaces of the flange to secure the web thereto, said web also having a peripheral flange contacting the ring radially outwardly of said integral projections.

20,662

GAS BURNER

Frank H. Schneider, Royersford, Pa., assignor to The Floyd-Wells Company, Royersford, Pa., a corporation of Pennsylvania

Original No. 2,040,446, dated May 12, 1936, Serial No. 728,196, May 31, 1924. Application for reissue December 24, 1937, Serial No. 181,706

3 Claims. (Cl. 158—116)



1. In a gas burner, a body portion having an annular chamber with a tangential fuel inlet and a central unobstructed opening through it, the outer wall of said chamber having circumferentially spaced, laterally extending ports, the inner wall of said chamber diverging upwardly and having circumferentially spaced upwardly inclined ports opening into said central opening, said ports being below the top of the burner, a spill-over disc secured in spaced relation with the top of the burner, having a central opening, and having an imperforate portion overhanging said ports and an utensil supporting grid fixed to said spill-over disc.

PATENTS

GRANTED FEBRUARY 22, 1938

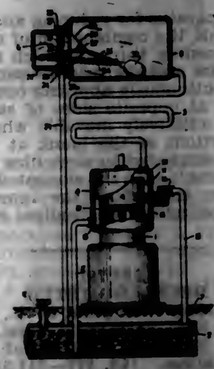
2,108,735

COMPRESSOR COOLING SYSTEM

Burton S. Aikman, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application April 11, 1936, Serial No. 73,854

8 Claims. (Cl. 230—212)



1. The combination with a fluid compressor having a cooling chamber through which cooling liquid may flow for cooling the compressor, of a supply reservoir adapted to contain a supply of cooling liquid and having a communication through which liquid from the reservoir is supplied to said chamber, a second reservoir communicating with said chamber into which flows liquid supplied to said chamber, means for subjecting liquid in said supply reservoir to the pressure of fluid supplied by the compressor and means operative upon a predetermined increase in the supply of liquid in the second reservoir for draining liquid from the second reservoir into the supply reservoir.

2,108,736

DUPLEX HIGH PRESSURE ROTARY PUMP

George E. Bigelow, Southgate, and Arthur E. Wells, Huntington Park, Calif., assignors of one-half to Pacific Pump Works, Huntington Park, Calif., a corporation of California

Application September 23, 1936, Serial No. 102,128

5 Claims. (Cl. 103—126)



3. A rotary pump of the character described, including: a tubular shell having means for closing the ends thereof; a pair of insert pump structures in said shell in end-to-end relation, the discharge of the first of said insert pump structures being adjacent the intake of the second of said insert pump structures; inlet means connected to the intake of said first insert pump structure; outlet means connected to the discharge of said second insert pump structure; sealing means in said shell between said discharge of said first pump structure and said intake of second pump structure; sealing means surrounding said first pump structure between said inlet means and said discharge thereof; sealing means surrounding said second pump structure between said intake and said discharge means thereof; means extending outside of said shell and forming a passage connecting said discharge of said first insert pump structure with the intake of said second insert pump structure; and drive means extending into said shell and having connection with said insert pump structures whereby to drive the same.

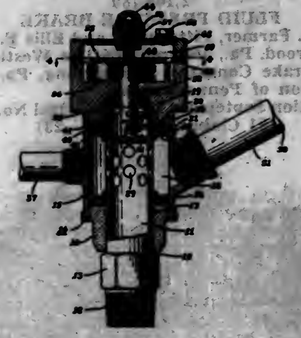
2,108,787

IRRIGATION DEVICE

Walter H. Coles and Bert J. Nelson, Troy, Ohio, assignors to The Skinner Irrigation Company, Troy, Ohio, a corporation of Ohio

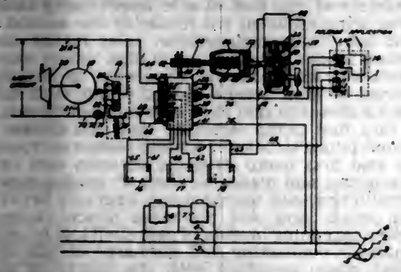
Application February 1, 1936, Serial No. 61,851

8 Claims. (Cl. 299—69)



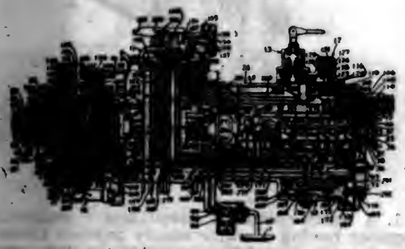
1. A water sprinkler comprising a supporting member having a water supply passage therein, a rotatable sprinkling member having upper and lower areas of bearing engagement with said supporting member, a distributing pipe extending outwardly and upwardly from one side of said sprinkling member and in free communication with said water supply passage and adapted to distribute a stream of water radially outwardly and upwardly from said sprinkling member, reaction means mounted on said sprinkling member in communication with said water supply passage and adapted to distribute a portion of the water to produce a reaction force tending to rotate the sprinkling member on its supporting member, a casing fixed to said sprinkling member and carried at the top thereof substantially coaxially with said supporting member, and speed controlling means in said casing exerting a substantially uniform restraining effect on rotational movements of said sprinkling member.

2,108,788
ELECTRO-PNEUMATIC BRAKE
Clyde C. Farmer, Pittsburgh, and Raymond E. Miller, Wilkinsburg, Pa., assignors to Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application October 23, 1936, Serial No. 107,194
13 Claims. (Cl. 303—26)



1. In combination with a brake control mechanism, electrically controlled means for controlling the application and the release of the brakes, a manually operative switch device for controlling the operation of said means, an electric generator, a plurality of storage batteries, switch means having one position for connecting said batteries in parallel with said generator, and another position for connecting said batteries in series, and means controlled by said switch device for operating said switch means.

2,108,789
FLUID PRESSURE BRAKE
Clyde C. Farmer, Pittsburgh, and Ellis E. Hewitt, Edgewood, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application September 11, 1934, Serial No. 743,546
91 Claims. (Cl. 303—23)



39. In a fluid pressure brake, in combination, a brake pipe, a main brake cylinder, a take-up brake cylinder, a relay valve device operative by fluid under pressure for supplying fluid under pressure to the main brake cylinder, a cut-in valve device normally establishing communication through which the take-up brake cylinder is connected to the atmosphere, a communication through which fluid under pressure is adapted to be supplied to the take-up brake cylinder, and an equalizing valve device operative upon a reduction in brake pipe pressure for closing the first mentioned communication and for supplying fluid under pressure through the second mentioned communication to the take-up brake cylinder and to the cut-in valve device, said cut-in valve device being operated upon a predetermined increase in the pressure supplied by the equalizing valve device to cut off the flow of fluid to the take-up brake cylinder and to supply fluid under pressure to said relay valve device.

2,108,790
TUBE DRAWING APPARATUS
Sidney D. Insalso, Shelby, Ohio
Application May 9, 1934, Serial No. 724,643
10 Claims. (Cl. 205—7)



1. In an apparatus for reducing and elongating a tubular blank, the combination of a die having a restricted opening through which the blank is drawn to reduce and elongate the same, separate devices for continuously applying opposed forces to said blank at opposite sides of said die, said devices being relatively movable whereby adjecent local portions of the blank at the locality of the die are subjected to stretching action, and a mandrel movable with the elongated portions of the blank for controlling the inner diameter thereof and controlling longitudinal strain thereon.

2,108,791
DECELEROMETER
Reginald J. Alden, New York, N. Y., assignor to Chapin & Neal, Springfield, Mass., a firm
Application March 1, 1935, Serial No. 8,921
5 Claims. (Cl. 177—311.5)

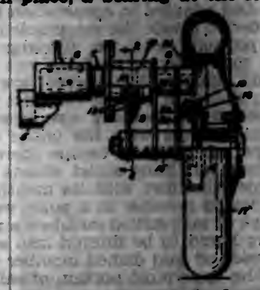


4. A deceleromotor for use in motor cars which comprises, signal means to indicate an unsafe rate of deceleration, and signal means to indicate a safe rate of deceleration, an oscillatory signal actuating member normally held in inoperative position by gravity and movable by its inertia to successively actuate and deactuate said unsafe signal means and actuate said safe signal means, in response to predetermined rates of deceleration, and returnable to its inoperative position by gravity upon substantial completion of the deceleration of the car, and means automatically operative in response to the substantial completion of the deceleration of the car to prevent reactuation of the unsafe signal means during the return movement of said signal actuating member after actuation of the safe signal means.

2,108,792
GUN CARRIAGE
Orie L. Beardsley, Gary, Ind.
Application September 18, 1936, Serial No. 101,443
1 Claim. (Cl. 89—40)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

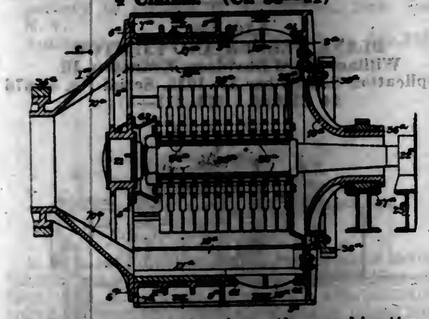
In combination with a gun carriage provided with an axle terminating in spindles adapted to receive the usual artillery wheel, crank arms, a bearing at the upper end of each crank arm to receive their respective spindles and adjacent portions of the axle, the extent of the portion receiving the axle being at least as great as that

receiving the spindle, means for securing the bearing in place, a bearing at the lower end of



each crank arm and a spindle for mounting a wheel carried by each bearing.

2,108,793
CRUSHING MACHINERY
George W. Berton, New Lisbon, N. J., assignor to Pennsylvania Crusher Company, Philadelphia, Pa., a corporation of New York
Original application February 2, 1931, Serial No. 512,190. Divided and this application February 26, 1934, Serial No. 712,045
4 Claims. (Cl. 83—11)



2. In a crushing structure, the combination of a cylindrical drum having a peripheral wall including an imperforate portion and a foraminous portion; each of said portions occupying substantially one-half of the longitudinal extent of the drum, means for rotating said drum, longitudinally extending ribs connecting said peripheral wall portions, an end wall section integral with said peripheral wall and including an outwardly extending hollow trunnion, a cone-shaped section having a central feed opening connected to the imperforate wall portion of said drum and providing a trunnion, supports for said trunnions, vanes carried by the cone-shaped feed section; said feed section having a plurality of radial arms disposed toward the drum with a hub axially arranged with respect thereto, a series of longitudinally disposed removably mounted grid bars partially closing the foraminous portion of said drum, lifting shelves extending the full length of the drum internally of the same whereby material introduced therein may be lifted for gravitational discharge, rotatable hammer mechanism adapted to act upon the material spilling from said lifting shelves, a shaft for said hammer mechanism extending through the hollow trunnion of the end wall, bearing supports for said shaft; one of said supports being carried by the hub of the feed section and the other support being disposed externally of the drum beyond the trunnion of the end wall, and means for driving the hammer mechanism independently of the means for rotating the drum.

2,108,794
HARD CARBIDE COMPOSITION
John A. Beyer and Carl G. Rose, Niagara Falls, N. Y., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware
Application March 23, 1935, Serial No. 12,588
10 Claims. (Cl. 75—136)



1. As a new manufacture, a fused carbide composition consisting essentially of boron carbide and silicon carbide, in which silicon carbide is present as a separate crystalline phase which has solidified from a fused mass.

2,108,795
DOUBLE-WALLED SHEET METAL STRUCTURE AND METHOD OF MAKING
Edward G. Budd, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a corporation of Pennsylvania
Application March 22, 1934, Serial No. 716,832
Renewed November 6, 1936
13 Claims. (Cl. 219—19)

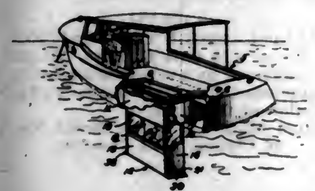


1. The method of fabricating an insulated wall structure comprising spaced inner and outer walls and sheet metal strips, of undulating form in direction of length, whereby they stand on edge of themselves, spacing the walls apart and connecting them together through their edges per se, which comprises providing the strips with closely spaced edge projections in the plane of the strip prior to assembly of the parts in spaced relation, spacing the strips with their undulations parallel and spaced apart a distance not greater than twice their amplitude of undulation and thereafter projection welding the parts together by applying appropriate pressure at right angles to the wall structure over an extended but fractional area including a multiplicity of projections and passing current through the structure from exterior sheet to exterior sheet whereby a multiplicity of resistance welds spaced in a multiplicity of directions are simultaneously achieved throughout the same at the projections at opposite margins of the spacing strips.

2,108,796
SUBMARINE OBSERVATORY
Charles Oliver Carey, Miami, Fla.
Application June 30, 1936, Serial No. 88,228
6 Claims. (Cl. 114—66)

1. A boat having a keel extending within the bottom thereof and having an opening through

said bottom adjacent said keel, a casing secured to the bottom around said opening and to said keel to form a well, an observation well having a closed lower end and provided with windows, and



slidably mounted in the said well and movable through said opening, and means for securing the slidably mounted observation well in predetermined position relative to said keel.

2,166,797

METHOD OF PRODUCING HARD CEMENTED CARBIDE COMPOSITES

Gregory J. Comstock, Fairfield, Conn.

No Drawing. Application January 22, 1935, Serial No. 2,950

16 Claims. (Cl. 75—137)

1. In the sintering process for producing articles of razor edge sharpness, the steps of controlling the hardness of the presintered composite which comprises mixing hard metal carbides with a cementing metal in powdered form, applying a pressure of more than 60,000 pounds per square inch to the composite, applying a controlled presintering temperature just short of the final sintering temperature and varying in accordance with the hardness desired; working the composite to form fine edge blades; and thereafter applying a final sintering temperature.

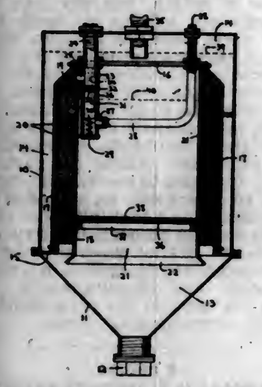
2,166,798

FILTER

William P. Dalrymple, Chicago, Ill.

Application November 2, 1933, Serial No. 696,475

15 Claims. (Cl. 210—167)



1. In a filter, the combination of a receptacle, a dished member open at its lower end extending partially across the receptacle at a substantial distance above the lower end of the receptacle, means comprising a filtering medium surrounding said dished member in outwardly spaced relation thereto and adapted in cooperation with said dished member to divide the receptacle into inlet and outlet portions with the filtering medium arranged in such position that the grit and dirt from the inlet chamber face thereof are adapted to settle into the lower part of the inlet chamber when released by a cleaning operation, outlet means communicating with the outlet chamber adapted to permit liquid to escape therethrough under pressure, auxiliary outlet means opening from said inlet chamber with its mouth located within said dished member at a point well above the lower edge of said dished member, and means for delivering liquid to be filtered into said inlet chamber outside of said dished member at about the level of the uppermost portion of said dished member under such pressure as to pass through said filtering medium and to escape through said first named outlet means and adapted to establish a pressure condition within said receptacle, the arrangement being such that when the delivery of liquid to said inlet chamber has ceased the pressure is relieved by the escape of liquid through said auxiliary outlet means and that the readjustment incident to such escape of liquid causes a substantial flow of liquid through said filtering medium in the reverse direction for cleaning the filtering medium.

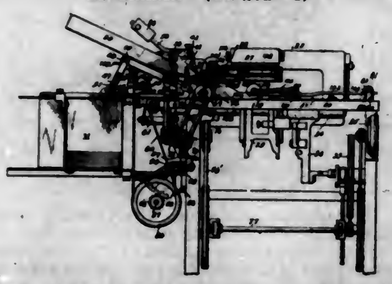
2,166,799

BLANK FEEDER AND EJECTOR

William Ward Davidson, Evanston, Ill.

Application September 30, 1935, Serial No. 42,876

14 Claims. (Cl. 271—4)



1. In a feed mechanism of the kind described for co-operation with a printing machine, a tape for moving the articles to be printed, into and out of printing position, a pulley to which one end of the tape is secured for moving the tape in one direction, a segmental gear and a co-operating pinion for intermittently rotating said pulley, and latch means for connecting the pinion to the pulley for rotating same.

2,166,800

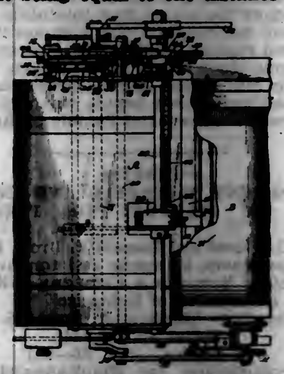
MECHANISM FOR CONTROLLING THE FEEDING AND ADVANCING OF BLANKS

William Ward Davidson, Evanston, Ill.

Application May 9, 1936, Serial No. 78,797

17 Claims. (Cl. 271—53)

1. In a blank separating and advancing machine, means for separating and advancing a blank from a pack, controlling means disposed in the path of the advancing blank at a predetermined distance from a predetermined final position of the blank, and means controlled by said controlling means for limiting advancement of the blank after it has been advanced to said controlling means, the amount of such limited advancement being equal to the distance between



the said controlling means and the contemplated final position of the blank.

2,166,801

METHOD AND APPARATUS FOR RECORDING AND REPRODUCING SOUND-ON-FILM

Leon Dewan, New York, N. Y., assignor of fifty percent to George E. Callaghan, New York, N. Y.

Application June 16, 1934, Serial No. 730,972

4 Claims. (Cl. 179—100.3)



1. In a sound recording or reproducing system including a light source, a photographic film surface, and a concave mirror of approximately spherical form to project an image of linear form and extreme sharpness in the direction of its width upon the photographic film, the light source and the photographic film surface being placed approximately on a line passing through the center of curvature of the concave mirror at right angles to its principal axis, the focus of said image being constant.

2,166,802

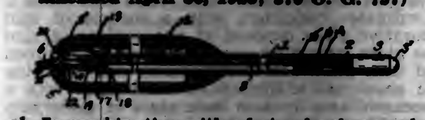
BATON

Louis F. Dorsey, Washington, D. C.

Application December 23, 1936, Serial No. 117,331

2 Claims. (Cl. 248—2)

(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In combination with a baton having an elongated relatively slender body of the type employed by an orchestra leader, said baton having in one end a socket and an electric lamp releasably fitting therein, a tip interchangeable with said lamp when the latter is not used, an electric conductor extending interiorly of said baton body, an electric battery and a clasp to attach the same to the operator's person, a socket in the other end of said baton body, a plug electrically connected to said battery adapted to fit in said last named socket to furnish current to said lamp, and a cap interchangeable with said plug when said battery and lamp are not used.

2,166,803

MANUFACTURE AND/OR TREATMENT OF ARTIFICIAL MATERIALS

George Holland Ellis and Alexander James Wesson, Spondon, near Derby, England, assignors to Celanese Corporation of America, a corporation of Delaware

No Drawing. Application December 29, 1936, Serial No. 116,142. In Great Britain January 16, 1936

9 Claims. (Cl. 8—20)

1. Process for the manufacture of improved artificial textile and like products, which comprises bringing a saponifying agent into contact with selected areas only of threads, fabrics, films or like materials having a basis of organic ester of cellulose, so as to render said areas more sensitive to subsequent saponification, washing the material and thereafter exposing said areas as well as unsaponified areas of the material to a weaker saponifying agent, so as to intensify the saponification of the saponified areas without substantially saponifying the other areas.

2,166,804

MOISTUREPROOF MATERIAL AND PROCESS OF MAKING SAME

Theron G. Finzel and Donald E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

Application March 29, 1934, Serial No. 717,938

11 Claims. (Cl. 91—70)



1. A method which comprises highly calendering paper, impregnating said paper with a moistureproofing and transparentizing lacquer, the solids of said lacquer possessing the hot-flow property, evaporating the solvents from the treated paper at a temperature sufficient to cause the solids to automatically hot flow and fill the voids when the composition contains a minor portion of solvents.

2,166,805

TRANSPARENT MATERIALS AND METHOD OF PRODUCING SAME

Theron G. Finzel and Donald E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 4, 1934, Serial No. 728,857

6 Claims. (Cl. 91—68)

1. A method of making paper suitable for use as a transparent wrapping tissue which comprises calendering a thin porous sulphite tissue, passing said calendered paper through an 8% to 12% solution of paraffin wax in toluene maintained at a temperature of between approximately 35° C. and 50° C., removing the excess solution, subjecting the treated paper base to a temperature sufficient to evaporate the toluene and to melt the wax adhering to the paper, passing the wax-treated sheet through a lacquer the solids of

which consist of 62.5% of half-second nitrocellulose and 37.5% of tricresyl phosphate, and subjecting the lacquer-treated sheet to an elevated temperature to remove the lacquer solvent.

2,106,806

CELLULOSE MATERIALS AND METHOD OF TREATING SAME

Theron G. Finzel and Donald E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 26, 1934, Serial No. 732,440

9 Claims. (Cl. 91—68)

1. A process for transparentizing paper which comprises impregnating the paper with a liquid composition consisting essentially of a water-soluble soap and a liquid vehicle to provide a soap content of from 0.1% to 10.0% by weight of the cellulose material in the final product, removing the liquid vehicle whereby the said soap is distributed throughout the said paper to render the latter more absorptive for transparentizing impregnants, and impregnating the paper with a transparentizing composition.

2,106,807

TRANSPARENT MATERIAL AND METHOD OF MAKING SAME

Theron G. Finzel and Donald E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 26, 1934, Serial No. 732,441

20 Claims. (Cl. 91—68)

1. A highly calendered paper containing a wetting agent distributed throughout its mass and impregnated with a composition free of cellulose derivatives and comprising a resin in proportions which transparentizes said paper.

2,106,808

TRANSPARENT MATERIALS AND METHOD OF MAKING SAME

Theron G. Finzel and Donald E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 26, 1934, Serial No. 732,442

17 Claims. (Cl. 91—68)

1. A transparent moistureproof material comprising paper containing a wetting agent and having its voids and spaces substantially completely filled with a water-soluble impregnant and thinly coated with a transparent moistureproofing composition, said impregnant being present in an amount of 10% to 30%, by weight, of the paper.

2,106,809

MOISTUREPROOF MATERIAL AND METHOD OF MAKING THE SAME

Theron G. Finzel and Donald E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 26, 1934, Serial No. 732,443

19 Claims. (Cl. 91—70)

3. A method which comprises incorporating a wetting agent in a thin, porous paper, calendering said paper, impregnating the thus-treated paper with a moistureproofing composition in the molten state and comprising a moistureproofing wax, a hard wax and a blending agent preventing separation of the waxes and inhibiting the production of haziness in the composition when chilled and rapidly chilling the impregnated paper at some stage of the process when the composition is still in the molten condition and before crystallization has begun, whereby a transparent, moistureproof and flexible product is obtained.

2,106,810

TRANSPARENT MATERIAL AND COMPOSITION OF MATTER FOR PRODUCING SAME

Theron G. Finzel and Donald E. Drew, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application June 26, 1934, Serial No. 732,444

22 Claims. (Cl. 91—68)

1. A composition for simultaneously transparentizing and moistureproofing sheets of cellulose material comprising a lacquer containing a moistureproofing waxy substance and a substance, selected from the class which consists of glycols and glycol derivatives, for softening said cellulose material.

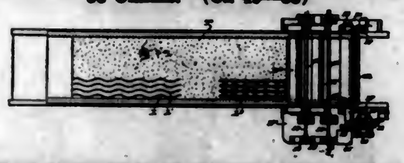
2,106,811

GLASS SHEET, METHOD AND APPARATUS FOR MAKING SAME

Henry A. Fisher, Parkersburg, W. Va.

Application August 24, 1935, Serial No. 37,768

33 Claims. (Cl. 49—33)



11. As an article of manufacture, a sheet of glass comprising a base layer having a ribbon of glass of different appearance embedded therein at points spaced inwardly from the edge of the sheet, with a surface of said different glass exposed and in the plane of the surface of the base glass, the transverse dimension of said ribbon being materially less than the width of the base layer of the sheet, the opposite surfaces of said sheet being smooth and flat.

15. The method of manufacturing variegated glass sheets, which comprises providing a body of molten glass of base appearance, and a source of molten decorative glass, forming and flowing a molten stream of said decorative glass of relatively small transverse dimension with respect to the width of said body of base glass, onto the latter at a point spaced inwardly from the edge of said body of base glass and embedding said decorative glass in said base glass while said glass is in workable condition, with a surface of said decorative glass exposed at the surface of said base glass, providing relative movement between said base glass and said stream, and finishing said glass into a smooth surfaced sheet with a decorative area in said base glass of materially less width than the width of the sheet and with the exposed surface of the decorative area in the plane of the surface of the base glass.

22. In an apparatus for forming glass sheets, supply means for a quantity of molten decorative glass, means for supporting a body of molten glass of base appearance, means for forming and flowing a stream of said molten decorative glass of relatively small transverse dimension with respect to the width of said body of base glass, said last named means being positioned inwardly from the edge of the body of base glass to flow said stream onto the base glass at a point spaced inwardly from the edge of the same while said glass is in workable condition, and means providing relative movement between said base glass and said flowing means.

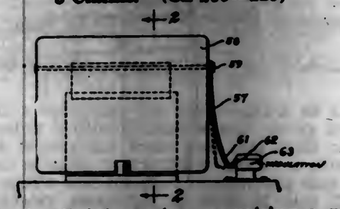
2,106,813

SWITCH

Lawrence R. Fisher and William H. Frank, Detroit, Mich.

Application January 13, 1936, Serial No. 58,870

5 Claims. (Cl. 200—116)



1. A circuit interrupter comprising a pair of stationary contacts, a movable insulation block having cells closely fitting around and constantly closed by said stationary contacts in all positions of the block, a contact forming a wall portion of each cell and carried by the block and movable therewith to engage or be free of a stationary contact in the corresponding cell, the block contacts being electrically connected by movable circuit current responsive means whereby the block contacts and such means bridge the stationary contacts, the circuit current responsive means comprising the movable part of a release latch which normally holds the block in closed circuit position, and means constantly tending to move the block to open circuit position and inhibited by the latch.

2,106,812

LOCK CONTROLLING MECHANISM FOR TRANSFERABLE FREIGHT CONTAINERS

Benjamin F. Fitch, Greenwich, Conn.

Application July 18, 1935, Serial No. 32,130

17 Claims. (Cl. 214—38)



16. The combination with a support, a container adapted to rest thereon, means for moving the container from the support, means for locking the container to the support, and means actuated by the locking means for automatically preventing the attachment of the moving means to the container.

2,106,814

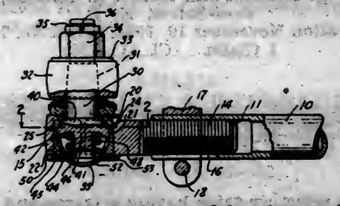
JOINT CONSTRUCTION

William A. Fitzgerald, Columbus, Ohio, assignor to The Columbus Auto Parts Company, Columbus, Ohio, a corporation of Ohio

Application June 22, 1936, Serial No. 86,525

8 Claims. (Cl. 287—20)

1. A joint construction including a housing having a bore therein; a bearing having an interior substantially spherically curved bearing surface, said bearing being located in said bore of said housing; a stud member having a spherically shaped portion; a second member having a spherically shaped portion and adapted to form with the spherically shaped portion of said stud member a substantially ball shaped element, said members forming the ball shaped element



both seating in said curved bearing surface; a closure for the bore of said housing, said closure having a concave inner surface forming a continuation of said curved bearing surface; and means arranged between said members for urging said spherically shaped portions into engagement with said curved bearing surface and said curved inner surface of said closure.

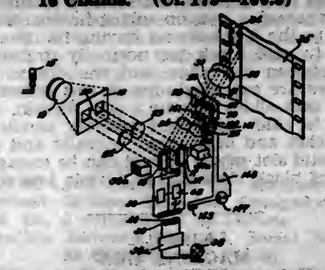
2,106,815

SOUND RECORDING SYSTEM

Earl S. Gillé and Benson D. Gille, Los Angeles, Calif., assignors of one-half to Robert W. Spefford, Los Angeles, Calif.

Application July 16, 1934, Serial No. 735,415

16 Claims. (Cl. 179—100.3)



4. In combination in a system for recording sound on a track of a light-sensitive surface: means for directing opposed and narrow beams of light into exposing relationship with spaced sections of said sound track, said means including a pair of independently movable mirrors, a pair of armatures operatively and respectively connected to said mirrors, and means for sending magnetic flux across said armatures; means for impressing on one of said armatures electric undulations varying in response to the complete range of sound frequencies desired to be recorded to form a first sound record on one section of said light-sensitive surface, said one of said armatures and its associated mirror being incapable of uniformly recording all frequencies within said complete range whereby said first sound record is defective in certain frequencies; a filter means electrically connected to said last named means for filtering the electric undulations varying with said complete range of sound frequencies to produce a band of frequencies within said complete range, which band includes said certain frequencies in which said first sound record is defective; and means for transmitting said band of frequencies to the other of said armatures to vibrate the other of said mirrors at frequencies

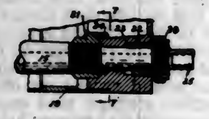
within this band, thereby forming a second sound record on said other section of said sound track which supplies the deficiences of said first sound record.

2,108,816
REFECTORY TABLE
Alfred H. Holland and Robert A. Holland, Winston-Salem, N. C.
Application November 19, 1934, Serial No. 753,716
1 Claim. (Cl. 311—56)



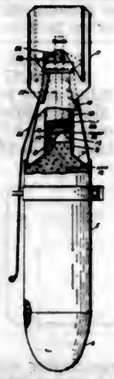
In a refectory table having a frame and a top secured to the top of the frame in spaced relation to the top of the frame and providing at each outer edge a space for the nesting of leaves, a pair of slides secured to the lower side of each leaf, and having sliding movement in the frame, the top edges of the frame having notches therein for reception of the slides, each slide comprising a piece of sheet metal bent to form a top and a pair of sides, the lower edge of one side portion being bent inwardly, a wedge-shaped block member mounted for sliding movement in each of said slides below the top thereof and between said sides, said wedge-shaped member having a groove in one side thereof into which the said inturned lower edge of one of said side portions is adapted to project, one of the side portions of each of said slides having a bracket secured to the inner surface thereof, a tension spring having one end secured to the bracket and having its other end secured to said block for normally urging said block between the slide and the frame when the leaves are extended, one of the sidewalls of each of said slides having a slot therein, a rod secured to said block and slidably penetrating said bracket and being bent laterally and penetrating said slot where its end can be engaged to push said block inwardly to permit lowering of the leaf.

2,108,817
MACHINE GUN
Filser D. Hoppert, William R. Bull, and Clarence E. Simpson, Springfield, Mass.
Application June 17, 1936, Serial No. 85,698
2 Claims. (Cl. 42—75)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



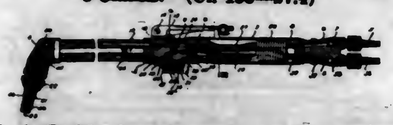
2. In a gun, a receiver, a jacket on the receiver having a barrel supporting member at its front end, a barrel having its breech end mounted in the receiver and its muzzle end passing through the front supporting member of the jacket, an adjusting nut threaded on the barrel and having means engaging the rear part of the front supporting member whereby said nut is restrained against rotational movement, and a locking nut on the barrel on the forward side of the front supporting member.

2,108,818
PRACTICE BOMB
Sargent P. Huff, Chevy Chase, Md., and Arthur Adelman, Cheesaning, Mich.
Application April 21, 1937, Serial No. 138,180
2 Claims. (Cl. 102—2)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. A practice bomb including a body adapted to contain an inert material, a barrel on the rear of the body through which inert material is introduced into the body, a container housed in the barrel and having a flash tube, an expelling charge in the inner part of the container, a charge of powdered material in the remaining part of the container, a cartridge in the outer part of the flash tube, a firing pin tube on the container, a firing pin in said tube, an arming bolt interposed between the cartridge and firing pin and means for ejecting the arming bolt when the bomb is launched.

2,108,819
FLASHBACK-RESISTANT BLOWPIPE
Wilgot J. Jacobsson, Buffalo, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application August 31, 1932, Serial No. 631,288
6 Claims. (Cl. 158—27.4)



1. A flashback resistant blowpipe adapted to utilize a combustion supporting gas and a combustible gas for producing a heating flame, said blowpipe comprising a mixer having a nozzle and an outlet throat therein; a burner nozzle; a conduit including said mixer throat for conducting the combustible gas mixture to said burner nozzle; a supply conduit for conducting a combustion supporting gas to said mixer nozzle; a supply conduit for conducting a combustible gas to said mixer; a portion of said supply conduit for combustion supporting gas connecting directly with said mixer nozzle and being elongated and having a minimum internal cross-sectional area substantially as large as the internal area of said mixer throat; said elongated portion being free from constrictions therein and having sufficient length and volume therein to receive the unburned backfiring combustible mixture and to retain said backfiring combustible

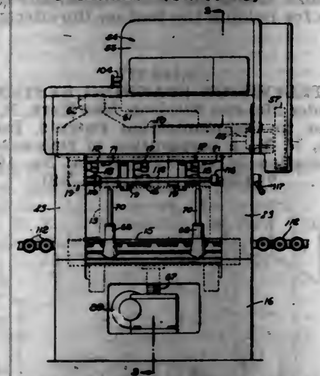
mixture therein until said mixture has been completely burned and until said combustible mixture conduit and any particles remaining therein have been cooled below the ignition temperature of said combustible mixture.

2,108,820
BLOWPIPE
Wilgot J. Jacobsson, Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York
Application November 9, 1934, Serial No. 752,205
15 Claims. (Cl. 158—27.4)



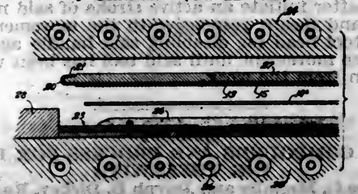
4. In a blowpipe, the combination of a body comprising a tubular handle and blocks secured to and closing the front and rear ends of said handle; a valve in the front block; a stem entirely within said handle for operating said valve and slidably supported by both of said blocks; means carried by the rear block for actuating said stem to operate said valve; a fuel gas inlet conduit and an oxidizing gas inlet conduit, both within the rear block; and conduits extending through said handle and severally communicating with said inlet conduits; one of said communicating conduits within said handle comprising a coiled portion having adjacent coils in close proximity to each other; said stem and a portion of the other of said communicating conduits being surrounded by said coiled portion.

2,108,821
MACHINE TOOL
John R. Johnsen, Alexander Oberhoffken, and Ralph L. Cetta, Rockford, Ill., assignors to The Ingersoll Milling Machine Company, Rockford, Ill., a corporation of Illinois
Application October 2, 1934, Serial No. 746,652
5 Claims. (Cl. 77—3)



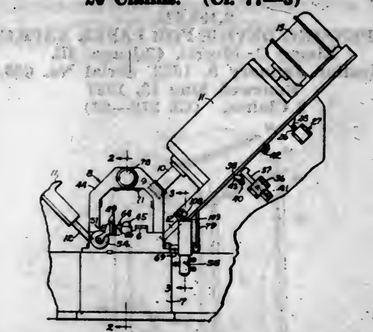
1. A machine tool for machining the bearing recesses of an engine block comprising, in combination, an abutment engageable with the crank case side of an engine block, a member engageable with the opposite side of said block and movable toward and away from the abutment to press said crank case side against the latter with a pressure insufficient to distort the block substantially, power actuated clamping means adapted to be rendered active after said block has approached said abutment and acting, when operated, to engage the crank case flange and clamp the block against said abutment with a pressure substantially greater than said first mentioned pressure but sufficient to hold the block firmly during machining of said recesses, and means for machining said recesses while the block is so clamped.

2,108,822
PRINTING PLATE AND FORMATION THEREOF
Wells A. Lippincott, Chicago, Ill.
Application November 11, 1935, Serial No. 49,186
7 Claims. (Cl. 41—25)



1. For use in multi-color printing on a printing press having cylindrical supports for the different color plates, a plurality of plates for printing different colors each comprising a flexible sheet of metal capable of withstanding edgewise compression and a layer of a thermoplastic resin, said layer being secured to one side of said sheet and having type formed therein, said sheets for the different color plates being disposed substantially equidistant from the type surfaces and operating to produce uniform distortion of said surfaces in bending of said plates to adapt them to the curvature of said supports.

2,108,823
MACHINE TOOL
Arthur H. Lyon, Rockford, Ill., assignor to The Ingersoll Milling Machine Company, Rockford, Ill., a corporation of Illinois
Application January 28, 1935, Serial No. 3,754
20 Claims. (Cl. 77—3)

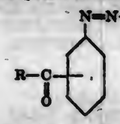


1. A machine tool organization comprising, in combination, a work support providing a slideway along which work pieces may be advanced successively through a predetermined operating position, a head mounted for movement toward and away from a work piece in said position and carrying a tool for operating upon the work, means by which a work piece may be clamped in said position, a member reciprocable longitudinally of the slideway and adapted during its active

stroke to move one work piece out of said position and advance the next work piece approximately into said position, individual power actuators for said head, said clamping means and said member, means movable into engagement with a work piece in said position to locate the work piece accurately on said support, a manually operable control handle operable upon movement in one direction to project said locating means into engagement with a work piece and thereafter initiate the operation of said actuators whereby to clamp the work, retract said member, and cause said head to be advanced into and then out of the work, said handle operating upon reverse movement first to retract said locating means out of engagement with the work and initiate operation of one actuator to unclamp the work, and thereafter initiate an active stroke of said member, and means responsive to the movement of said tool head for disabling said handle against reverse movement until said tool has been withdrawn from the work.

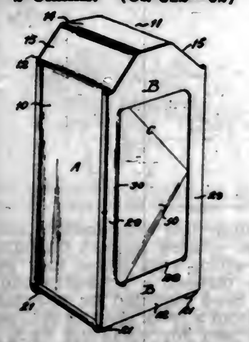
2,106,824
AZO COMPOUNDS AND PROCESS FOR DYEING THEREWITH
James G. McNally and Joseph B. Dickey, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y., a corporation of New Jersey
No Drawing. Application September 1, 1936, Serial No. 98,926
20 Claims. (Cl. 8—5)

3. A process for directly coloring an organic acid ester of cellulose which comprises applying thereto an aqueous suspension of an azo compound having the general formula:



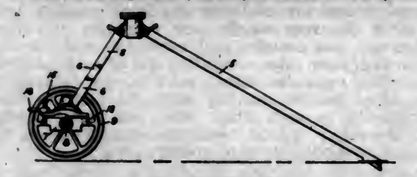
wherein R represents an alkyl group and R_1 represents a nuclear non-sulfonated aromatic coupling component.

2,106,825
DISPENSING DEVICE FOR PAPER NAPKINS
Elmer C. Morris, Chicago, Ill.
Application January 9, 1933, Serial No. 650,924
Renewed May 12, 1937
2 Claims. (Cl. 312—62)



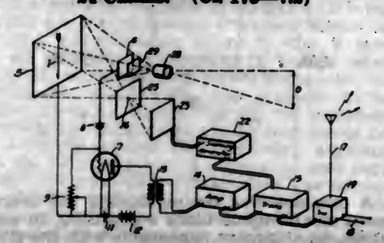
1. In a dispensing device for paper napkins, a container comprising two U-shaped members, with one of said members inverted and placed over the normal member to interspace the legs of said members to constitute the vertical side walls of the container, with the arch of the inverted member forming the top of the container and the arch of the normal member forming the bottom of the container, means securing the upper ends of the legs of the normal member in the arch of the inverted member, the legs of the inverted member having inwardly projecting flanges secured on the bottom of the container, the legs of said normal member having opposite apertures forming dispensing openings in opposite walls of the container with the openings spaced above the bottom of the container, opposite guides flared inwardly and upwardly from said flanges and extending between the container walls having the dispensing openings, and follower means mounted in the container and normally operating to move the napkins along the guides toward the dispensing openings.

2,106,826
MACHINE GUN CART
Sidney H. Negrette, New Orleans, La.
Application September 10, 1935, Serial No. 39,934
1 Claim. (Cl. 89—40)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



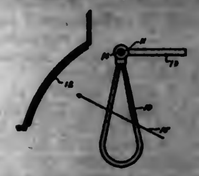
A tripod having a trail leg and a pair of front legs, each leg having a foot with a cleat, said front legs being divergently extended when the tripod is in normal erected firing position, a mobile unit for each front leg including a wheel and a horizontally disposed stirrup having a slot, the foot of a front leg resting on the stirrup with its cleat inserted in the slot of said stirrup, and a quick-detachable clamp on each horizontally disposed stirrup for holding the foot on the stirrup.

2,106,827
TELEVISION SCANNING SYSTEM
Alexander McLean Nicolson, New York, N. Y., assignor to Communication Patents, Inc., New York, N. Y., a corporation of Delaware
Application July 7, 1930, Serial No. 466,979
24 Claims. (Cl. 178—7.2)



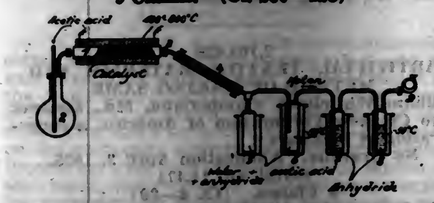
1. In a television system, a light sensitive device having a cathode, means for focusing an optical image of a scene to be transmitted on said cathode, and means for scanning with a ray of light said optical image while it is focused on said cathode.

2,106,828
ADVERTISING DEVICE
Frederick W. Quidas, New York, N. Y.
Application June 22, 1937, Serial No. 149,675
4 Claims. (Cl. 40—125)



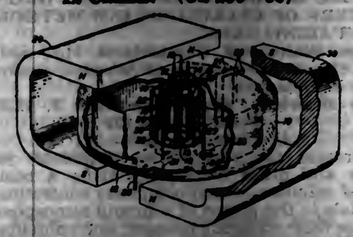
1. In combination with a hand strap of the type used in public conveyances; a frame secured at or near the upper end of the strap, substantially at right angles thereto, and transversely with the strap; and an advertising card inserted in said frame to be displayed from the bottom thereof.

2,106,829
PROCESS OF PRODUCING KETENE
Johann Sixt and Martin Magdan, Munich, Germany, assignors to Consortium für Elektrochemische Industrie, G. m. b. H., Munich, Germany, a corporation of Germany
Application September 6, 1934, Serial No. 742,888
In Germany September 16, 1933
9 Claims. (Cl. 260—123)



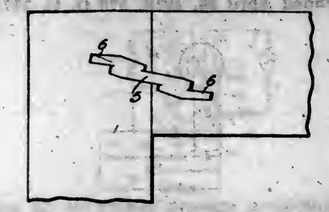
1. A catalytic process for the production of ketene, which comprises subjecting acetic acid vapors containing an acetic anhydride-forming catalyst which is gaseous at the reaction temperature, to heating at a temperature between 500° C.–900° C., conducting the heating at least under a partial vacuum whereby a mixture containing ketene, water, acetic acid and acetic anhydride is formed and immediately separating at least a part of the ketene from the other components.

2,106,830
ELECTRON DISCHARGE APPARATUS
Albert M. Skellett, Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a corporation of New York
Application February 26, 1937, Serial No. 127,877
12 Claims. (Cl. 250—36)



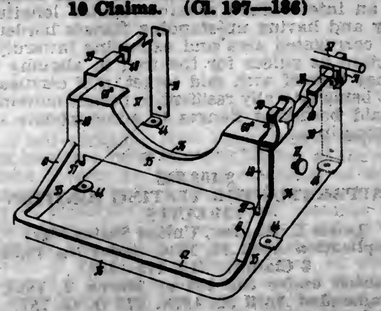
1. Electron discharge apparatus comprising a cathode and an output electrode, said output electrode having a cylindrical electron receiving portion encompassing said cathode and defining an inductance, and having also spaced portions forming a capacitance in circuit with said inductance.

2,106,831
FASTENER
Kirby T. Snyder, Los Angeles, Calif.
Application May 17, 1935, Serial No. 22,071
1 Claim. (Cl. 85—11)



In a fastener, a body portion constructed of a strip of sheet metal material, the ends of the body portion being cut at oblique angles with respect to the side edges of the body portion providing end prongs, said body portion having slits extending inwardly from the side edges thereof at oblique angles with respect to the side edges, the slits of one side of the body portion being in direct line with corresponding slits at the opposite side thereof, the portions of the body portion separated from the body portion by the slits, extending laterally from the body portion, providing prongs, said prongs being arranged in staggered relation with respect to each other, the prongs at one half of the body portion being inclined at oblique angles with respect to the body portion, and the prongs at the other half of the body portion extending at oblique angles in a direction opposite to the first mentioned prongs, and the prongs at the ends of the body portion being longer than the remaining prongs.

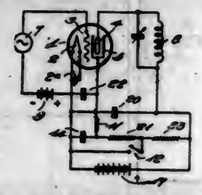
2,106,832
TYPEWRITING MACHINE
Burnham C. Stickney, Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y., a corporation of Delaware
Application October 18, 1933, Serial No. 694,041
10 Claims. (Cl. 197—136)



1. A standard typewriter internal main frame self-sustaining and inclusive of a forward open framing which hems the keyboard, and having a removable mask or outer frame struck up from sheet-metal and including side walls having corners and also having a joining member that extends forward therefrom to encase said open keyboard frame-portion, said main frame having

upright corners encased by the mask, said main frame having spread front shoulders rising above the mask for supporting a carriage-track.

2,106,233
TELEGRAPHIC KEYING CIRCUIT
James D. Wallace, Washington, D. C.
Application July 23, 1930, Serial No. 469,299
2 Claims. (Cl. 250—17)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)



1. In a telegraphic keying system, an electron tube having a cathode, an anode, a control grid and a screen grid, an input circuit interconnecting said cathode and control grid, an output circuit interconnecting said cathode and anode, a keying circuit comprising a source of potential and three resistors connected in series between said screen grid and said cathode, a key connected to short-circuit one of said resistors and said source, and a condenser connected between said cathode and the terminal remote from said screen grid of the resistor nearest said screen grid.

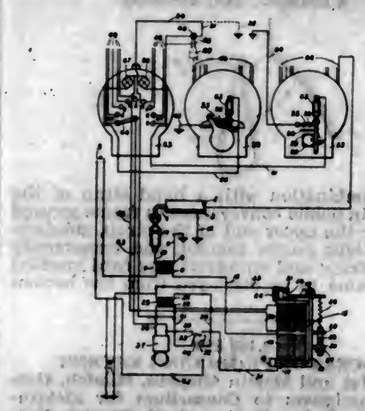
2,106,234
STAND FOR CORDLESS ELECTRIC IRONS
John P. Walpole, Jackson Heights, N. Y.
Application October 11, 1935, Serial No. 44,982
5 Claims. (Cl. 219—25)



1. The combination of a pressing iron with a stand for supporting the iron, an electric socket carried by said stand, prongs connecting said iron electrically with said socket, said stand comprising an intermediate area corrugated longitudinally and having up-standing flanges bordering said corrugated area and extending inwardly to function as guides for the iron in aligning the prongs thereof with said socket, said corrugated area being laterally resilient to permit movement of said bordering flanges to accommodate said pressing iron.

2,106,235
APPARATUS FOR TESTING IGNITION CIRCUITS
Lewis E. Wagner, United States Navy
Application April 23, 1936, Serial No. 76,602
6 Claims. (Cl. 175—183)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

6. A testing apparatus as described, comprising a high voltage transformer, a low voltage transformer; a relay including separable contact points, a first coil on said relay connected in series with the primary of the high voltage transformer to separate said points when current is drawn from the coacting secondary, said coil being connected in series with the primary of the low voltage transformer when the said points are open but shunted around the low voltage primary when the points are closed, a second coil on said relay connected across the secondary of the low



voltage transformer to retain said points separated when moved apart as aforesaid and an indicator operatively connected to the secondary of the low voltage transformer.

2,106,236
ARTIFICIAL TEXTILE MATERIAL AND METHOD OF MAKING SAME
William Whitehead, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application April 3, 1935, Serial No. 14,471
3 Claims. (Cl. 8—30)

1. Process for locally saponifying filaments, yarns, fabrics and like materials having a basis of organic ester of cellulose, which comprises removing from selected areas of the material a small proportion of its acidyl content by pretreatment with an alkaline saponifying agent, whereby the material wherever pretreated is rendered more sensitive to saponification, and subsequently completing the desired saponification of the pretreated areas by treating the material, while it still contains reaction products derived from the pretreatment, with an alkaline substance which is less alkaline than that employed in the pretreatment and which has substantially no saponifying action on the areas of the material which have not been pretreated.

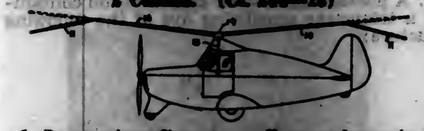
2,106,237
TEXTILE MATERIAL CONTAINING ORGANIC ESTERS OF CELLULOSE AND METHOD OF PREPARING SAME
William Whitehead, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application April 3, 1935, Serial No. 14,472
12 Claims. (Cl. 8—30)

1. Process for saponifying filaments, yarns, fabrics and other materials having a basis of ester of cellulose, which comprises subjecting the materials to the action of a humid atmosphere to increase their moisture content, and subsequently saponifying the materials while they still possess a high moisture content.

2,106,238
ARTIFICIAL MATERIAL HAVING MODIFIED CHARACTERISTICS AND METHOD OF MAKING SAME
William Whitehead, Cumberland, Md., assignor to Celanese Corporation of America, a corporation of Delaware
No Drawing. Application April 3, 1935, Serial No. 14,473
4 Claims. (Cl. 8—30)

1. In a process for saponifying yarns, filaments, fabrics and like materials having a basis of a cellulose ester by treatment with an alkaline reagent, the step which comprises indicating changes in the pH value on the materials during the saponification by means of a coating applied to the materials, said coating containing a fugitive coloring pH indicator, whereby the extent or degree of saponification may be visibly ascertained.

2,106,239
AIRCRAFT
Edward Burke Wilford, Marion, and Elliot Daland, Philadelphia, Pa.
Application January 2, 1936, Serial No. 206
2 Claims. (Cl. 244—16)



1. In an aircraft, a normally aerodynamically driven rotary wing system having a hub and an axis of rotation, a plurality of blades attached to the hub, each blade comprising a stationary inner section of appreciable length and of airfoil section, and a tip section oscillatably mounted on the stationary section for movement relative thereto, on axes both longitudinal and lateral of said blade, the respective tip sections arranged for movement to substantially nullify the moments from the forward velocity of the aircraft.

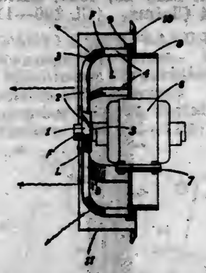
2,106,240
UNDERGROUND TRAP FOR LEAKING GAS
George E. Anthony, Detroit, Mich.
Application June 29, 1936, Serial No. 87,961
1 Claim. (Cl. 48—193)



In a device of the character described, the combination with a gas pipe traversing a wall, of a trap in proximity to such wall, formed with a chamber to entrap gas exteriorly following the pipe, and with an inlet to such chamber, artificial packing means interposed between the trap and wall, a collar secured on the pipe within the trap, positioning the trap in effective engagement with the packing, and a vent pipe extending from the trap to the surface of the ground.

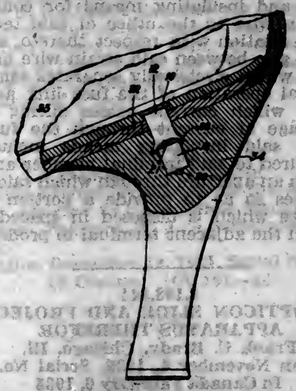
2,106,241
FAN
Albert L. Baker, Sacramento, Calif.
Application October 30, 1936, Serial No. 108,494
1 Claim. (Cl. 230—234)

A fan assembly comprising a hub, blades mounted on and initially radiating from the hub and formed with outer portions extending rearwardly relative to the flow of air past the fan, a ring concentric with the hub connecting the rear ends of said outer portions, a stationary band



forming an air intake passage projecting rearwardly from the ring concentric therewith, the bores of the ring and band being substantially the same, and a flange on said band overhanging the peripheral edge of the ring.

2,106,242
SELF-CLINCHING RIVET
Lewis J. Bassett, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application June 5, 1936, Serial No. 83,725
2 Claims. (Cl. 85—40)



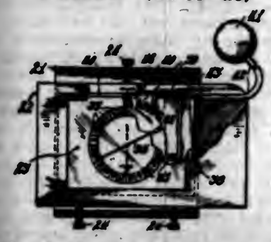
1. A self-clinching rivet comprising a tubular shank having a head end and having at the end opposite thereto an integral extension to serve as an anvil, the wall of said shank having a plurality of circumferentially spaced openings extending from said anvil toward the head end of the shank and which divide the shank into a plurality of longitudinal tongues each of which at one end is joined to the anvil and all of which at a locality between the anvil and the head end of the shank are joined to each other, the junction between the tongues and the anvil being considerably reduced in thickness by a deep V-shaped groove to provide frangible webs, one of the walls of said groove sloping outwardly and from the head end to direct the tongues outwardly when the webs are broken by force applied to the head end of the shank, thereby enabling said tongues to serve as prongs.

2,108,843
FUSE LINK
Eugene F. Boothe, St. Louis, Mo., assignor to James R. Kearney Corporation, St. Louis, Mo., a corporation of Missouri
Application May 25, 1936, Serial No. 81,636
4 Claims. (Cl. 200—117)



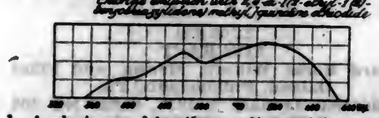
1. A fuse link assembly including a pair of spaced terminal members, a fusible element for electrically connecting said terminal members, and connecting means for mechanically connecting said terminal members so as to relieve said fusible element of tension applied to the fuse link assembly, said connecting means including a strain wire connected to one of said terminal members and insulating means for connecting said strain wire to the other of said terminals in spaced relation with respect thereto, so as to provide a gap between said strain wire and said terminal, which electrically separates same during normal operation of the fuse link assembly and over which current passes during abnormal passage of current through the fuse link assembly, said insulating means including a block secured to said terminal member and provided with an aperture through which said strain wire passes so as to provide a portion of the strain wire which is disposed in spaced alinement with the adjacent terminal to produce said gap.

2,108,844
STEREOPTICON SLIDE AND PROJECTION APPARATUS THEREFOR
Frank C. Brady, Chicago, Ill.
Application November 4, 1935, Serial No. 48,699
In Canada February 6, 1935
4 Claims. (Cl. 88—26)

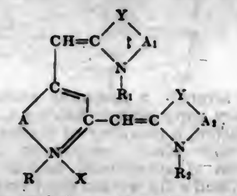


1. A slide adapted to be held in a receptacle of a light ray projector, including spaced transparent plates having an air inlet and outlet therebetween, a fixed indicator associated with said plates, an opaque spinner pivotally mounted between said plates, vanes on said spinner, and a series of transparent indicating characters on said spinner all substantially equi-distant from its center of rotation and arranged to pass adjacent said fixed indicator as air is forced through the inlet against said vanes to rotate the spinner, whereby the operation of the spinner can be visibly projected upon a screen.

2,108,845
PHOTOGRAPHIC EMULSIONS CONTAINING TRINUCLEAR CYANINE DYES
Leslie G. S. Brooker and Lloyd A. Smith, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J., a corporation of New Jersey
Application April 24, 1936, Serial No. 76,185
17 Claims. (Cl. 95—7)

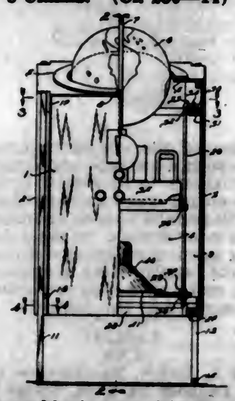


1. A photographic silver salt emulsion containing a trinuclear sensitizing dye of the following structure:



wherein A, A_1 and A_2 represent an organic residue selected from the group consisting of a vinylene, a phenylene and a naphthylene group, R, R_1 and R_2 represent an alkyl group, X represents an acid radical and Y represents an atom selected from the group consisting of oxygen, sulfur and selenium.

2,108,846
RADIO CABINET
Walter O. Brown, Detroit, Mich.
Application August 29, 1934, Serial No. 741,948
Renewed April 30, 1937
8 Claims. (Cl. 250—14)



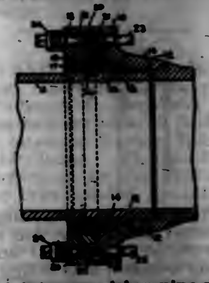
1. A radio cabinet comprising walls forming a hollow body having an opening at its lower end, said walls being formed of practically non-resonant material, a radio set including a loud speaker, means for supporting the same within the hollow body, comprising a non-resonant frame member secured to the walls of the hollow body, a series of vertically extending rods, the upper ends of which are bent to extend over the non-resonant frame member and the lower ends of which are unattached to the hollow body, a non-resonant element between the said ends of the rod and the said frame attached to the hollow body, said receiving set having portions adapted to receive the rods and on which the set is vertically adjustable, a loud speaker at the free lower ends of the rods, means for adjusting the speaker vertically on the rods, and a flexible connection between the speaker and the receiving set to permit relative adjustment of the set and speaker.

2,108,847
ELECTRIC LAMP BULB
Lyle E. Calkins and Ormonde S. Levi, Toledo, Ohio, assignors to Save Electric Corporation, Toledo, Ohio, a corporation of Ohio
Application April 8, 1937, Serial No. 135,736
4 Claims. (Cl. 176—16)



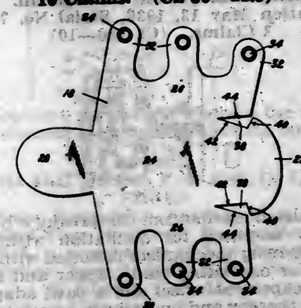
1. A glass electric lamp bulb having its interior surface frosted by chemical etching so that the maximum brightness of an ordinary incandescent lamp comprising such bulb will be less than 20% of that of a like lamp with a clear bulb, said interior bulb surface being characterized by the presence of acicular portions to such an extent that the strength to resist breakage by impact is greater than 13% of that of a like clear bulb.

2,108,848
PIPE JOINT
Frank A. Engel and Franklin Hudson, Roselle, N. J., assignors to Inner-Tite Clamp Corporation, Elizabeth, N. J., a corporation of New Jersey
Application June 30, 1934, Serial No. 733,216
9 Claims. (Cl. 285—134)



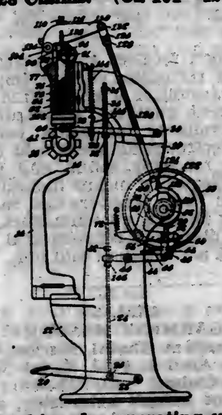
1. A pipe joint comprising pipe sections having overlapped ends, a gasket, a gland encircling said gasket and abutting the end face of the overlapping pipe end, tapered apertures through said gland, means on said gland for holding said gasket in position, and means extending through said apertures and engaging one of the pipe sections for securing the gland.

2,108,849
MANUFACTURE OF SANDALS
Karl Engel, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application September 24, 1936, Serial No. 102,348
10 Claims. (Cl. 36—11.5)



1. For use in the manufacture of sandals, a combination insole and upper blank comprising an insole portion and two upper portions formed as integral lateral extensions of said insole portion, said upper portions being partially separated from said insole portion by two notches located in the forepart of the blank, said notches being adapted to be closed and being shaped and arranged so that when closed said upper portions will be forced out of the plane of the rest of the blank to facilitate the shaping of said upper portions to the contour of a foot.

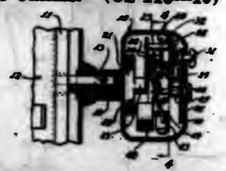
2,108,850
MARKING MACHINE
Otto Willy Fromm, Frankfort-on-the-Main, Germany, assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application December 19, 1934, Serial No. 758,160
28 Claims. (Cl. 101—42)



1. In a machine for operating upon shoes, a work support, an operating head mounted for

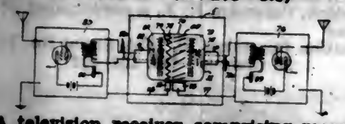
movement toward and away from said support, manually operated means for moving the head into engagement with a work piece on said support to measure the thickness of the work, and power-operated means for causing the head to press against the work, said means including members constructed and arranged to yield relatively to each other when a predetermined pressure of the head against the work has been set up.

2,106,851
ALARM
Melissa B. Fulton, Chicago, Ill.
Application May 13, 1936, Serial No. 79,536
3 Claims. (Cl. 116—10)



1. An alarm mechanism, comprising a housing, a clapper mounted for oscillation within said housing, driving mechanism mounted within said housing for oscillating said clapper and including an escapement wheel and a pawl adapted to be driven thereby and operatively associated with said clapper, and a pendulum mounted in said housing having a pin extending substantially perpendicularly from a face thereof for normally contacting said clapper to prevent oscillation thereof, relative movement between said pendulum and the rest of said mechanism from normal position permitting oscillation of said clapper, and relative movement between said pendulum and the rest of said mechanism back to normal position resulting in said pin again preventing oscillation of said clapper.

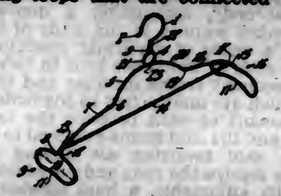
2,106,852
TELEVISION APPARATUS
Joseph Gottinger, Chicago, Ill.
Application April 27, 1934, Serial No. 722,664
12 Claims. (Cl. 178—5.6)



1. A television receiver comprising means for receiving and recording current impulses from a television transmitter, a moving film for recording said current impulses, a scanning drum, a continuous conductor and spaced conductors on said drum, electrodes adjacent said drum, radio receivers for receiving sound and picture impulses, high frequency means inductively in circuit with said radio receivers and said continuous conductor and spaced conductors for passing an electrical discharge between said conductors and electrodes and through said film.

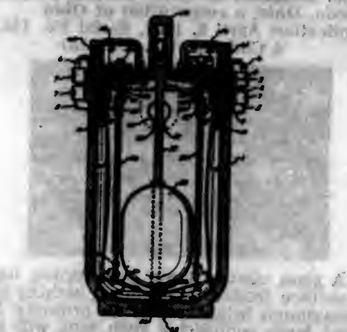
2,106,853
GARMENT HANGER
Elie Abraham Ghanal, Marion, S. C.
Application April 2, 1936, Serial No. 72,268
7 Claims. (Cl. 223—88)

1. A garment hanger comprising, a one-piece member having a supporting hook portion, a plurality of curved portions of different radii connected to the hook portion, a bar member, the opposite ends of which are formed into sleeve-supporting loops that are connected to two of



the curved portions, and means for retaining the parts in their operative positions by spiral coils in the bar and hook portion.

2,106,854
RETURN TRAP
Leonard D. Goff, Three Rivers, Mich.
Application June 22, 1934, Serial No. 732,623
29 Claims. (Cl. 127—103)



1. A return trap and the like comprising a casing, a float therein, a toggle primarily operable by said float, resilient means accelerating the operation of said toggle, condensate discharging means operated by said toggle, said means including a pressure steam valve, and means associated with said toggle for accelerating the operation of said valve.

2,106,855
EDUCATIONAL DEVICE
Louis D. Haffner, St. Louis, Mo.
Application March 1, 1937, Serial No. 128,886
6 Claims. (Cl. 40—73)



1. An educational device comprising a base, a standard, a bracket carried by said standard, a leaf, a fitting secured to said leaf and hingedly connected to said bracket, said fitting having an arcuate rack part concentric with the axis of said hinge connection, and detent means carried by said standard for cooperation with said rack.

2,106,856
ELECTRICAL CONNECTER
Walter A. Heinrich, St. Louis, Mo., assignor to James R. Kearney Corporation, St. Louis, Mo., a corporation of Missouri
Application May 20, 1935, Serial No. 22,410
4 Claims. (Cl. 173—363)



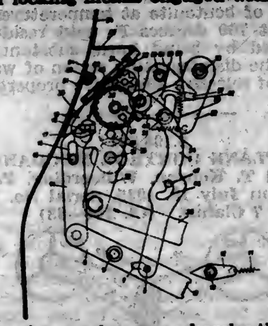
1. An electrical connecter comprising a threaded body member having laterally spaced shank portions, a nut assembly normally threaded on said body member, and means for providing a connection between said nut assembly and said body portion when the nut assembly is unscrewed therefrom, said means including an extension projected from one of said shank portions, a member mounted on said extension for movement longitudinally thereof and adapted to engage said nut assembly when same is unscrewed from said shank portions in a manner to prevent disengagement of said nut assembly from said extension, and yieldable means for urging said member in one direction relative to said extension and permitting movement of said member in the opposite direction relative to said extension so as to increase the distance between the nut assembly and the threaded body portion in order to permit passage therebetween of conductors.

2,106,857
PROCESS FOR THE PRODUCTION OF ARTIFICIAL MASSES FROM VINYL ESTERS
Heinrich Hopff, Paul Garbsch, and Fritz Teller, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application December 11, 1930, Serial No. 501,664. In Germany December 23, 1929
9 Claims. (Cl. 260—2)

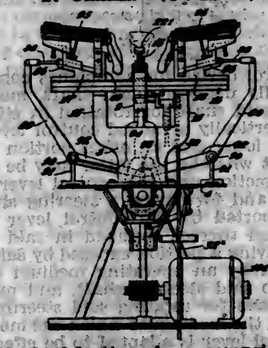
1. In the production of artificial masses by heat polymerization of vinyl esters, the step which comprises carrying out the reaction in the presence of a per-compound, capable of furnishing hydrogen peroxide on hydrolysis, and of an anhydride of a strong fatty acid, but in the absence of solvents and diluents, until the products of the reaction are insoluble in organic oxygenated solvents.

2,106,858
PRINTING AND RESETTING MECHANISM
Karl Imkamp, Bielefeld, Germany, assignor to Anker-Werke, A. G., Bielefeld, Germany
Application September 24, 1934, Serial No. 745,352
In Germany October 7, 1933
17 Claims. (Cl. 235—2)

1. In a machine of the class described, a totalizer, printing type carried by said totalizer, a zero-setting device for said totalizer, a driving mechanism for the machine, locking means for alternatively preventing operation of said zero-setting device or said driving mechanism, setting means for shifting said locking means, a support for a record sheet opposite said type, means controlled by said setting means for shifting said support relative to said type, blocking means to hold said locking means engaged with said driving mechanism, and means whereby the resetting of said totalizer releases said blocking means.



2,106,859
METHOD AND MEANS FOR USE IN LASTING SHOES
Jacob Simon Kamberian, Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a corporation of New Jersey
Application June 3, 1935, Serial No. 25,626
17 Claims. (Cl. 12—7)



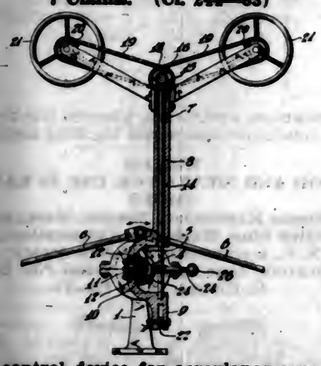
1. Method of lasting shoes comprising assembling an upper and insole upon a last, applying pressure to one side of the upper by means of a fluid medium throughout an area extending longitudinally of the upper near the top of the last, gripping the lower edge of that side of the upper and stretching it while causing said area progressively to advance toward the last bottom, then, while maintaining the application of said pressure, similarly applying pressure by means of a fluid medium to the opposite side of the upper throughout an area extending longitudinally near the top of the last, gripping the lower edge of that side of the upper and stretching it while causing said second-named area progressively to advance toward the last bottom, and thereafter wiping in the margins of the upper over the last bottom while increasing the pressure applied at the sides by said fluid medium.

2,106,860
METHOD OF AND SUBSTANCE FOR TREATING TOBACCO SMOKE
Harold L. Kaufman, Warren, Pa., assignor of one-half to Paul Bechtner, Chicago, Ill.
No Drawing. Application November 12, 1934, Serial No. 752,711
22 Claims. (Cl. 131—61)

22. An improved agent for the treatment of to-

bacco smoke consisting of an intimate association of a medicament and the residue from the calcination of bentonite at temperatures ending above about 700 degrees F., said residue being characterized by being hard, substantially resistant to the disintegrating action of water and possessive of selective adsorptive properties.

2,108,861
AEROPLANE CONTROL MECHANISM
Cecil T. Kenyon, Wilmerding, Pa.
Application July 19, 1935, Serial No. 32,201
7 Claims. (Cl. 244—83)



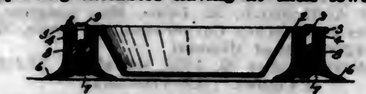
4. A control device for aeroplanes comprising a horizontally disposed main shaft, means for supporting said shaft for rotation in either direction, a vertically arranged control lever having near its lower end an offset portion pivoted to said shaft whereby the latter may be rotated in either direction and the control lever moved backwardly and forwardly, a steering shaft rotatably supported by the control lever with a major portion thereof confined in said control lever and having a portion exposed by said offset portion whereby an operating medium may be connected to said steering shaft, and manually operable means for rotating said steering shaft and through the medium of which the movement of the control lever is adapted to be effected.

2,108,862
HALOGENATED THICK BOILING STARCH
Ralph Waldo Kerr, Riverside, Ill., assignor to International Patents Development Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application January 14, 1935, Serial No. 1,004
27 Claims. (Cl. 127—33)

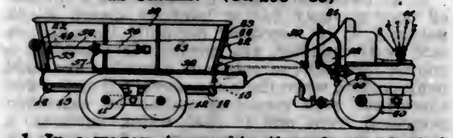
26. Method of making a thick boiling, thick setting starch which comprises heating the starch in suspension in water at a temperature not substantially in excess of 75° F. with a halogen in a substantially pure state, and stopping the reaction while the starch is at a stage to be both thick boiling and also thick setting.

2,108,863
DISH
Abram T. Kieft, Grand Haven, Mich.
Application June 2, 1936, Serial No. 83,324
4 Claims. (Cl. 65—15)

4. In combination in a dish, a food container comprising a hollow dish portion having a radially extending flange integral therewith, a plurality of collapsible supporting members secured to said flange for supporting said dish portion, the said supporting members having at their lower extremity a suction chamber whereby the said supporting member is secured directly to a support by suction within the suction chamber.

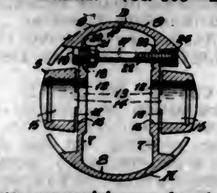


2,108,864
HYDRAULIC DOOR OPERATOR FOR WAGONS
Joseph Kuchar, Chicago, Ill., assignor to Athey Truss Wheel Co., Chicago, Ill., a corporation of Illinois
Application April 23, 1934, Serial No. 721,877
12 Claims. (Cl. 298—35)



1. In a wagon, in combination, doors adapted to open and close, liquid operated means adapted to actuate the doors in one direction, said doors being operated in the opposite direction by gravity, actuating mechanism for moving said liquid operated means to its initial actuating position independent of movement of the doors, latch means for holding said doors against operation by gravity when the liquid operated means is in said initial position, and means to release said latch means.

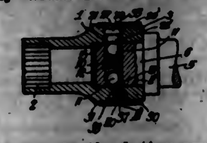
2,108,865
PISTON FOR INTERNAL COMBUSTION MOTORS
Elmer C. Long, Grosse Pointe Park, Mich.
Application June 10, 1935, Serial No. 25,751
17 Claims. (Cl. 309—13)



1. A piston comprising a head, a skirt, pin bosses, and walls joining said skirt and bosses, the joining of said walls with said bosses being in the diametral planes only of the inner ends of said bosses axially of the piston.

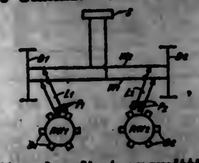
2,108,866
SOCKET WRENCH
Sigmund Mandl, Milwaukee, Wis., assignor to Blackhawk Mfg. Co., Milwaukee, Wis., a corporation of Wisconsin
Application April 17, 1936, Serial No. 74,881
7 Claims. (Cl. 287—119)

1. In combination, a socket having a shank receiving opening and a transverse opening, a shank adapted to be disposed in said socket and having a transverse opening adapted to be registered with the transverse opening in said socket, a member carried in one of said transverse openings and movable into the other to hold said shank and socket together, means for locking and unlocking the shank and socket including a shift ring movable on said socket and having an opening therein, and a part disposed in the outer end of said socket opening and adapted to be forced inwardly when said shift ring is moved



to carry the opening in the latter away from the transverse opening in said socket member, and a spring pressed member carried by said socket separately from said first member and engageable in a slot in said shift ring for retaining the latter in position on the socket.

2,108,867
RADIO DIRECTION SYSTEM
Gaston Adelin Mathieu, Shirehall Park, London, England, assignor to Radio Corporation of America, a corporation of Delaware
Application February 16, 1935, Serial No. 6,882
In Great Britain January 27, 1934
9 Claims. (Cl. 250—11)



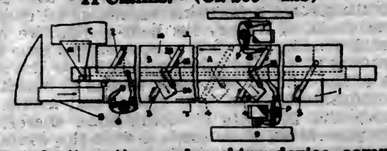
1. A directional radio transmitting system having a plurality of energy radiating elements, means common to the radiating elements for energizing the same, and polarizing means for causing beams of energy simultaneously radiated from each of said elements to mutually interfere and neutralize one another along a plurality of sharply defined and substantially parallel zones intermediate between the axes of maximum field strength between said beams.

2,108,868
CHARIOT VEHICLE
John C. Rumsey, Lawrence, Kans., assignor to The Rumsey Junior Vehicle Company, Lawrence, Kans., a corporation of Kansas
Application October 28, 1935, Serial No. 47,105
5 Claims. (Cl. 280—1.16)



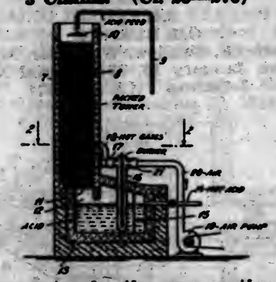
5. A vehicle of the character described comprising a frame provided with a propelling wheel, a pair of tread-operated springs provided with alternately operating drive connections to said propelling wheel, a figure simulating an animal carried by a moving portion of each of said springs, and an upright apron simulating a chariot shield carried by the rear portion of said frame and enclosing the space above the tread-operated portions of said springs.

2,108,869
FRUIT SORTING AND PACKING SYSTEM
Ernest R. Sandmeyer, Yakima, Wash.
Application January 22, 1935, Serial No. 2,869
11 Claims. (Cl. 209—125)



1. A fruit sorting and packing device, comprising, in combination, a table, two oppositely moving belts, each of a width substantially half the width of said table, disposed on the table in edge-to-edge relationship, a plurality of partitions inclined relatively to the belts, including two fixed one at each end of the table, and intermediate partitions defining a sorting compartment and a plurality of packing compartments arranged in line, each intermediate partition defining the adjacent ends of two adjoining compartments, an individual distributing belt for conveying fruit from the sorting compartment to each packing compartment, extending parallel to and above the line of compartments, shunt means associated with each distributing belt to transfer fruit from the latter to its respective compartment, and means for positioning said intermediate partitions in various locations lengthwise of said first two belts to vary compensably the relative sizes of adjoining compartments, increasing the length of one and correspondingly decreasing the length of the adjoining one, while preserving intact the integrity of both compartments for the circulation of fruit therein.

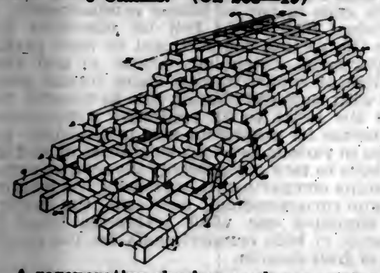
2,108,870
APPARATUS FOR THE RECOVERY OF SULPHURIC ACID
Howard W. Sheldon, Clarksboro, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., a corporation of New York
Original application November 10, 1934, Serial No. 752,297. Divided and this application July 2, 1936, Serial No. 88,569
3 Claims. (Cl. 23—276)



1. In apparatus for the regeneration of sludge acid, a contact tower through which acid may pass in countercurrent to and in contact with heated gases, feed means to introduce acid to said contact tower, means to introduce heated gases to said tower at a point between its ends, thereby dividing said tower into a preheating zone above said gas inlet and a fume absorption zone below said inlet, means to control the temperature of said heating gases, an acid concentrating zone adapted to contain a body of acid, communication means between said absorption zone and said concentrating zone, sealing means to

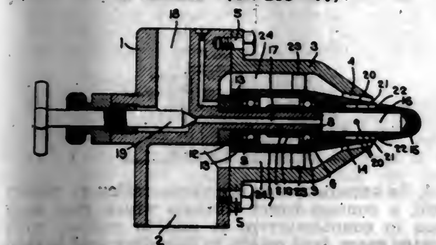
cover said concentrating zone to prevent access of air thereto and to compel gases therefrom to pass through said preheating zone, discharge means to remove concentrated acid from said concentrating zone heating means for said concentrating zone, comprising an elongated closed-ended vessel of impervious heat-conductive material depending into said concentrating zone and extending to a point substantially below the surface of the acid in said zone, means to maintain a combustion within said vessel, and means to remove the products of combustion therefrom while preventing their contact with the contents of said concentrating zone.

2,106,871
CHECKERWORK
Henry L. Smalley, Chicago, Ill., assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa., a corporation of Pennsylvania
Application May 26, 1937, Serial No. 144,907
9 Claims. (Cl. 262—19)



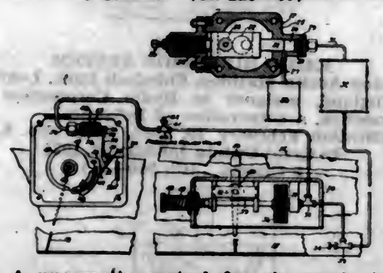
1. A regenerative checker-work comprising the combination of a plurality of courses formed from straights arranged in spaced parallel rows, intermediate courses of stretcher brick disposed between adjacent rows of said straights and forming therewith a plurality of vertical walls adjacent pairs of which cooperate to form separate flues, and straights extending between said parallel rows of straights for exposure to gases passing through said flues.

2,106,872
OIL BURNER
Charles E. Swallow, Worcester, Mass.
Application January 13, 1936, Serial No. 58,790
3 Claims. (Cl. 158—77)



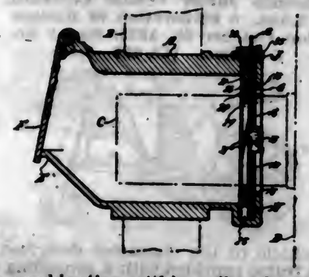
1. An oil burner comprising a housing having an air inlet and a nozzle portion provided with a discharge opening, a rotary nozzle member situated axially of said discharge opening and forming with the wall thereof an annular air delivery passage, said nozzle member having an interior chamber and a closed end projecting beyond the nozzle portion of the housing, vanes extending radially from the nozzle member and having inclined faces whereby the impact of the air passing through the housing against the vanes causes the nozzle member to rotate and produces a whirling motion in the air passing through the annular air delivery passage, and means for delivering oil to said interior chamber, said nozzle member being provided with an annular oil chamber open at one end on the exterior thereof at a point just beyond the nozzle portion of the housing, said nozzle member also being provided with communicating passages between said annular chamber and the interior chamber.

2,106,873
PNEUMATIC CONTROL FOR AIR SUPPLIED TO A STOKER
Lawrence R. Teeple, Portland, Oreg.
Application July 17, 1934, Serial No. 735,617
7 Claims. (Cl. 110—69)



1. A pneumatic control for air supply to a stoker consisting of an air duct having a pilot damper mounted therein whose position is responsive to the flow of air through said duct, a control damper within said duct for controlling the flow of air therethrough, a pneumatic actuator for said control damper, an air supply controlled by the operation of said stoker for operating said damper actuator, and a cam operated valve actuated by said pilot damper for controlling the pressure of air in said damper actuator.

2,106,874
DUST GUARD FOR JOURNAL BOXES ON RAILROAD TRUCKS
Herbert C. Theiss, St. Louis, Mo.
Application June 13, 1936, Serial No. 85,046
3 Claims. (Cl. 286—6)



1. In combination with a railroad journal box and journal, the said box having a journal opening in its inner end to clear the journal and having a dust guard well inwardly of the said journal opening and this well opening out through the top of the box, a dust guard assembly including an inner liner mounted in the dust guard well and having an opening registering with the journal

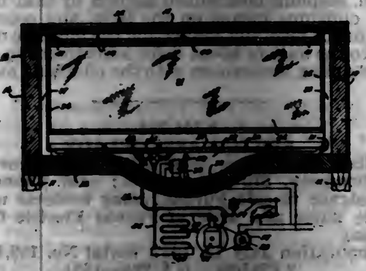
opening, lugs turned inwardly from the said opening and engaging the margins of the journal opening, slotted ears extended from the liner up through the top opening into the dust guard well, an outer liner mounted in the dust guard well and spaced from the inner liner, this outer liner also having an opening registering with the journal opening, a sealing plate slidably mounted between the liners and having an opening to fit and engage the said journal, a cover plate having slots to fit down over the said ears on the inner liner whereby this cover will close the top opening into the dust guard well, and tapered split keys adapted to be driven through the slots in the said ears to press the cover plate down against the journal box.

2,106,875
EYEGLASSES
William R. Uhlemann, Evanston, Ill.
Application April 22, 1937, Serial No. 138,318
6 Claims. (Cl. 88—47)



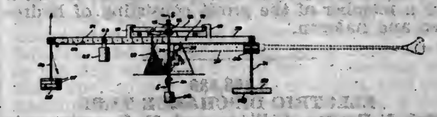
1. A spectacle construction comprising a pair of lenses, a pair of channel-like straps embracing the edges of said lenses, respectively, at the nasal edge of the lenses, each of said straps including a lens-edge engaging portion, a bridge member for connecting said straps, and a pair of temple-supporting wire members each having an anchor anchorage portion extending therefrom and being secured directly to the lens-edge engaging portions of the strap and extending rearwardly and angularly therefrom and following the contour of the lens adjacent to and along the rear surface thereof for connection with the temple of the spectacle.

2,106,876
REFRIGERATING APPARATUS
Bernard J. Vanderen, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application January 23, 1936, Serial No. 3,121
2 Claims. (Cl. 62—89.5)



1. A refrigerating apparatus comprising in combination, a cabinet having a plurality of insulated walls forming a chamber therein, means cooperating with said walls to form a food storage compartment within said chamber, said means being constructed and arranged to extend continuously around at least four sides of said food compartment, said means providing a closed path for the flow of air around said compartment and having a portion thereof forming a support for food adapted to be stored in said compartment, a cooling element of a refrigerating system positioned in said chamber and isolated by said means from the interior of said compartment, and said cooling element extending along and lying against the food supporting portion of said means and being arranged in position to be traversed by air flowing around said compartment in said closed path of flow therefor.

2,106,877
TESTING DEVICE
William L. Wettlaufer, Buffalo, N. Y.
Application February 9, 1937, Serial No. 124,877
10 Claims. (Cl. 73—51)



1. A device for testing golf clubs including a beam, means for supporting said beam so that it may rock in two different planes, means for connecting a club to said beam so that when said beam is balanced said club is supported in a substantially horizontal position with the heel and toe of its head in substantially the same horizontal plane, whereby said club tends to cause said beam to rock in both of said planes and means for balancing said beam against the action of said club in both planes, whereby to obtain an indication of the values of certain of the factors which influence the character of the stroke of the club.

2,106,878
RADIO RECEIVING SYSTEM
George Maurice Wright, Chelmsford, England, assignor to Radio Corporation of America, a corporation of Delaware
Application August 23, 1935, Serial No. 37,464
In Great Britain August 20, 1934
4 Claims. (Cl. 250—20)



1. A modulated carrier wave homodyne receiver of the kind referred to, comprising a pair of separate receiving aerials which are substantially completely uncoupled from one another, means coupled to one of said aerials for deriving only the carrier energy for mixing with the received modulated energy for the homodyne action, and means coupled to the other of said aerials for deriving the modulated energy with which the carrier energy is to be mixed.

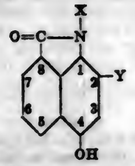
2,108,879
4-HYDROXYNAPHTHOSTYRILE COMPOUNDS

Werner Zerweck, Wilhelm Kunze, and Walter Brunner, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application August 12, 1936, Serial No. 95,618. In Germany August 14, 1935

3 Claims. (Cl. 260—124)

1. 4-hydroxynaphthostyrile compounds of the general formula:



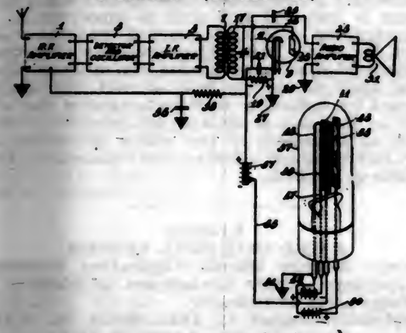
wherein X stands for a member of the group consisting of hydrogen, alkyl, cycloalkyl and aryl of the benzene, diphenyl and naphthalene series, Y for a member of the group consisting of hydrogen and halogen.

2,108,880
ELECTRIC DISCHARGE TUBE

Rene A. Braden, Collingswood, N. J., assignor to Radio Corporation of America, a corporation of Delaware

Application April 27, 1934, Serial No. 722,746

6 Claims. (Cl. 250—40)



1. An electric discharge tube comprising an elongated cathode adapted to emit electrons, an anode, a fluorescent material coating upon said anode and in the direct path of the emitted electrons, means for directing said electrons against said screen, and means for selectively preventing a portion of said cathode from supplying electrons which reach said screen.

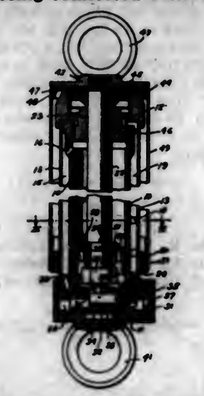
2,108,881
HYDRAULIC SHOCK ABSORBER

Anthony B. Casper, Buffalo, N. Y., assignor to Houde Engineering Corporation, Buffalo, N. Y., a corporation of New York

Application March 15, 1937, Serial No. 130,848

7 Claims. (Cl. 188—88)

1. In a direct acting shock absorber, a cylinder structure, a piston structure comprising a piston and a rod extending therefrom to the exterior of the cylinder structure, a tubular wall surrounding the cylinder structure, means between said wall and cylinder structure extending longitudinally thereof and defining a reservoir space and a fluid flow channel, means defining a cross passage at the inner end of said cylinder, the inner end of said cross passage being connected with the inner end of said channel and the outer end of said channel being connected with the outer end



of the cylinder, and adjustable permanently open valve means in said cross passage for restricting the communication thereof with the inner end of the cylinder and for metering the flow of the fluid displaced from the outer end of said cylinder and through said channel during rebound movement of the vehicle springs with which the shock absorber is associated.

2,108,882
WIRE-STITCHING OR STAPLING MACHINE

John F. Cavanagh, Providence, R. I., assignor to Boston Wire Stitcher Company, Portland, Maine, a corporation of Maine

Application April 7, 1932, Serial No. 603,787

13 Claims. (Cl. 1—3)



1. In a device of the type specified, the combination of a base, a member mounted on the base to adapt it to be moved toward and away therefrom, stapling mechanism carried by said member, clinching means on the base, and eccentric means for pivotally connecting the movable member to the base to adapt it for adjustment to aline the stapling mechanism with the clinching means.

2,108,883
SWITCH ASSEMBLAGE

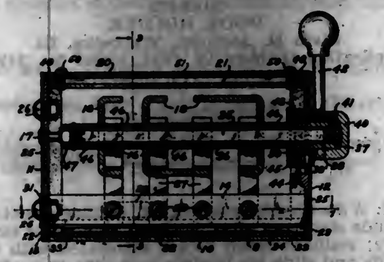
William C. Furnas, West Allis, and Sigurd R. Thompson, Milwaukee, Wis.; said Thompson assignor to said Furnas, doing business under the name and style of Furnas Electric Company

Application July 12, 1937, Serial No. 153,152

3 Claims. (Cl. 200—168)

1. A housing for switch mechanism or the like, comprising, a frame having a base and side

flanges and end walls formed integral with the base, said flanges and walls all extending in the same direction away from said base and the latter being disposed between the former, mechanism associated with said frame between said flanges and walls, a cover applicable to said frame over the edges of said end walls and having resilient opposite side portions biased outwardly for snug coaction with the internal surfaces of said flanges, a sealing strip secured with-



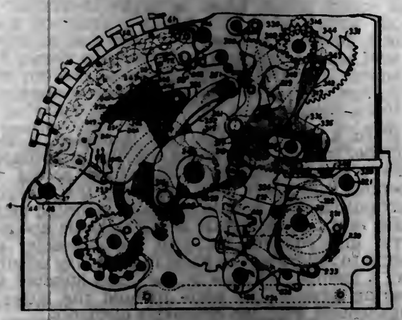
in each end of said cover and being compressible against the entire edge of the adjacent end wall when said cover is applied to said frame, and a sealing strip secured to said base in contact with the inner side of each of said flanges, all of said strips being inter-engageable to provide an uninterrupted seal and said cover side portions being formed to compress said base supported sealing strips when said cover is applied to said frame to enclose said mechanism.

2,108,884
CASH REGISTER

Charles W. Green, Dayton, Ohio, assignor to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland

Original application March 27, 1931, Serial No. 525,630. Divided and this application April 4, 1936, Serial No. 72,696

11 Claims. (Cl. 235—23)



7. In a machine of the class described, the combination of a series of keys; a differentially adjustable actuator controlled by said keys; an indicator; a driven member; means pivoted to said actuator and connected to said driven member for operating the latter under control of the actuator; minimum movement actuating means for said indicator, including an element carried by said driven member; and a plurality of members for operating said minimum movement actuating means to set the indicator directly from a previously set position to a new position under control of said driven member.

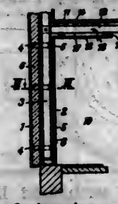
2,108,885
METALLIC WALL STRUCTURE

Franz Griebsch, Dessau, Germany, assignor to Therese Junkers, Gauting, near Munich, Germany

Application July 12, 1935, Serial No. 31,069

In Germany July 13, 1934

6 Claims. (Cl. 189—34)



1. Double-walled structure comprising an outer shell and an inner shell, both formed of sheet metal and arranged in spaced relation, structural supporting members enclosed between said two shells, insulating material of low heat conductivity covering the inner side of said outer shell but being spaced from said inner shell, which is uninsulated, the space between the walls being left free and the outer wall being impermeable to the flow of air, and members connecting said outer shell to said supporting members, said connecting members being formed to offer a considerable resistance to a heat flow by conduction from the supporting members to the outer shell, said inner shell being formed with perforations allowing the air adjoining the inner side of said inner shell to circulate between said inner and outer shells.

2,108,886
SULPHAMIC ACID SUBSTANCE

Fritz Guenther and Hermann Helsten, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application November 14, 1935, Serial No. 49,841. In Germany April 28, 1930

12 Claims. (Cl. 260—124)

1. A sulphamic acid substance derived by substitution of a $-SO_2X$ group, wherein X is a substituent selected from the group consisting of hydrogen and a salt-forming radicle, for a hydrogen atom in the amino group of an organic amine containing at least one aliphatic radicle with at least 8 carbon atoms.

2,108,887
SULPHAMIC ACID SUBSTANCE

Fritz Guenther and Hermann Helsten, Ludwigshafen-on-the-Rhine, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

No Drawing. Application November 14, 1935, Serial No. 49,842. In Germany April 28, 1930

14 Claims. (Cl. 260—124)

1. A sulphamic acid substance derived by substitution of a $-SO_2X$ group, wherein X is a substituent selected from the group consisting of hydrogen and a salt-forming radicle, for a hydrogen atom in the amido group of an organic carboxylic acid amide containing at least one aliphatic radicle with at least 8 carbon atoms.

2,108,888
AUTOMOBILE LIFT

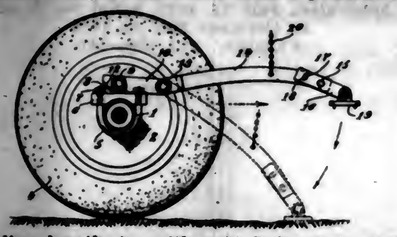
Howard H. Gunter, Baltimore, Md.

Application May 20, 1937, Serial No. 143,688

5 Claims. (Cl. 254—86)

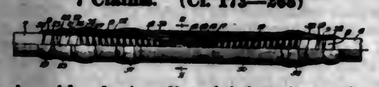
1. Means to elevate a wheel of a vehicle in response to movement of the vehicle comprising

support and stop members on a part of the vehicle running gear, a lifting member having a ground engaging end, a link connecting the other end of the lifting member with said support for vertical swinging movement from a position ex-



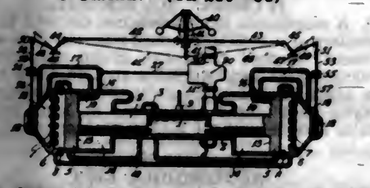
tending lengthwise with said link substantially horizontally in the path of vehicle travel, to a bowed position with said link, substantially vertical, lifting the vehicle wheel, passing the vertical position of thrust on the lifting member and engaging the stop member.

2,106,889
DUCT SPLICE FOR HIGH VOLTAGE CABLES
Herman Halperin, Chicago, Ill.
Application October 21, 1935, Serial No. 45,910
7 Claims. (Cl. 173—268)



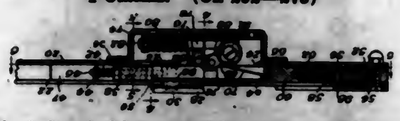
1. A cable duct splice joining two adjacent lengths of lead sheathed electricity conducting cables adapted to be pulled into a cable duct having a diameter slightly in excess of that of the sheaths comprising, in combination, connector means joining the adjacent ends of the conductors in said cables, insulating means surrounding said connector means, and a rigid sleeve enclosing said insulating means and sealed at its ends to said lead sheathing of said cables and formed of a metal having a substantially higher unit tensile strength than that of the lead sheathing to withstand the stresses incident to pulling the spliced cables through the duct without substantially disturbing the insulating qualities of said insulating means enclosed thereby.

2,106,890
MOTOR COMPRESSOR OF THE FREE PISTON TYPE
Hermann Jänicke, Dessau (Anhalt), Germany, assignor to Therese Junkers, Gasting, near Munich, Germany
Application October 2, 1935, Serial No. 43,187
In Germany October 16, 1934
9 Claims. (Cl. 230—56)



1. A free piston motor compressor, in which the compressed air produced in the compressor serves as scavenging and charging air for the motor, comprising in combination, a motor cylinder, a compressor cylinder, a free piston in said motor cylinder and a free piston in said compressor cylinder, said pistons being rigidly connected with each other, means for conducting compressed gas from said compressor cylinder into said motor cylinder and means for varying the suction and delivery pressures in said compressor cylinder, while keeping the ratio of the two pressures approximately constant.

2,106,891
DOOR HOLDER
Elvin H. Johnson, Winnetka, Ill.
Application October 19, 1934, Serial No. 749,016
4 Claims. (Cl. 292—275)



1. A door holder comprising: a guide structure; a slide structure slidable along said guide structure; resilient catch means associated with said guide and slide for holding said slide in a predetermined position; readily accessible manual adjustment means for preconditioning said catch means to be operative or inoperative; and manual adjustment means independent of said preconditioning means, for varying the effective tension of said catch means; said preconditioning means including a manual handle and preconditioning mechanism proper inside said guide structure, shaped to receive said handle when inserted from either one of two different outside positions.

2,106,892
INSIGNIA HOLDING BRACELET CLASP
Charles H. Kestenman, Providence, R. I., assignor to Kestenman Bros. Mfg. Co., Providence, R. I., a corporation of Rhode Island
Application January 2, 1936, Serial No. 57,238
13 Claims. (Cl. 40—140)



2. In a device of the type indicated, a clasp member having an opening therein, interchangeable character elements extending across the opening with their ends overlying the marginal portions thereof, a plate pivotally mounted on the clasp member, said plate being rockable about its pivot into engagement with the character elements to hold them in place in the clasp member, and a member slidable in the clasp member and bearing against the plate to hold the latter in engagement with the character elements.

2,106,893
COMPOSITION OF MATTER AND METHOD OF MAKING THE SAME
Walter J. Kenig, Philadelphia, Pa., assignor to Sloane-Blabon Corporation, Philadelphia, Pa., a corporation of Delaware
No Drawing. Application December 22, 1934, Serial No. 758,284
7 Claims. (Cl. 260—2)

1. The method of hardening drying oil which comprises condensing a mixture at super-atmospheric temperature in which the condensation reactants consist of oxidized drying oil having double bonds in conjugate arrangement and a plurality of different cyclic organic compounds, said oil condensing with one of the cyclic organic compounds to form a condensation product, then adding a different cyclic organic compound and condensing the condensation product with the added cyclic organic compound, thereby producing a complex molecule and a tough durable mass.

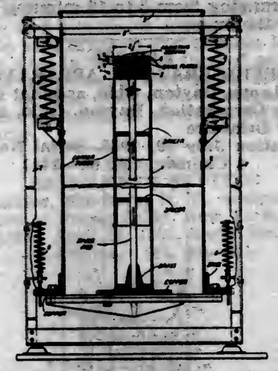
2,106,894
SLIP CONSTRUCTION
Frank Kopp, Brooklyn, and Lewis Morris, Mount Vernon, N. Y.
Application April 7, 1937, Serial No. 135,427
1 Claim. (Cl. 2—73)



A form fitting lady's undergarment comprising a brassière section and a body section, said body section consisting of a front panel and a rear panel, said front panel having upwardly convergent edges, said brassière section consisting of a pair of breast panels of substantially rectangular outline, each secured to said front panel along said convergent edges so as to jointly define a V neck opening, a yoke member bordering the top edge of said rear panel and connecting said breast panels whereby a firm support for the bust will be provided and distortion prevented, means for uniformly tensioning said brassière section and the waist portion of said body section about the wearer, said means comprising a pair of elastic members each interconnecting all of said front and rear panels and said breast panels and said yoke member, said members being of elongated ovular shape tapering into points at the opposite ends merging with the seam interconnecting said front and rear panel adjacent the armpit and the waist respectively, and above and below said convergent edges, their widest portion being substantially between the seams connecting said rear panel and said yoke member and the seam connecting said convergent edges whereby the greatest degree of elasticity will be along said convergent edges and across the abdomen of the wearer.

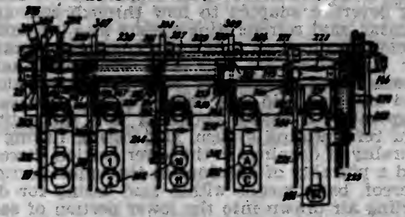
2,106,895
FREQUENCY CONTROL TRANSMISSION LINE
Fred H. Kroger, Rocky Point, N. Y., assignor to Radio Corporation of America, a corporation of Delaware
Application January 12, 1935, Serial No. 1,489
14 Claims. (Cl. 250—36)

1. A tuned high frequency circuit comprising a concentric transmission line having inner and outer conductors, and means at one end of one of said conductors for maintaining the effective



length of said one conductor constant despite temperature fluctuations.

2,106,896
CASH REGISTER
Karl August Lehmann, Freudenstadt, and Ernst Breitling, Berlin-Tempelhof, Germany, assignors to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Original application July 31, 1928, Serial No. 296,445. Divided and this application July 17, 1936, Serial No. 91,134. In Germany August 12, 1927
19 Claims. (Cl. 235—130)



1. In a machine of the class described, a main totalizer, a plurality of special totalizers, a setting lever adapted to determine the mode of operation of said main totalizer, a second setting lever adapted to determine the mode of operation of said special totalizers, a plurality of machine-releasing keys, a differentially actuated member co-operating therewith, pawls adapted to lock said setting levers, and connections between said locking pawls and said differential member for making said locking pawls operative and inoperative in dependence upon the adjustment of said differential member.

2,106,897
PROCESS OF MAKING FOOD PRODUCTS
Gaston J. Ley, John H. Payne, and George Akau, Honolulu, Territory of Hawaii, dedicated to the free use of the People of the United States
No Drawing. Application January 14, 1937, Serial No. 120,505
1 Claim. (Cl. 99—83)
(Granted under the act of March 3, 1883, as amended April 30, 1928; 370 O. G. 757)

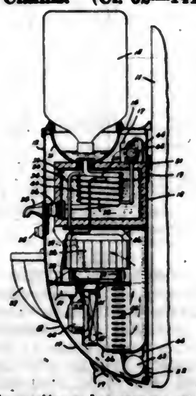
The method for producing taro meal so that it will not revert to an amorphous viscous mass when hot liquid is added, comprising subjecting dry taro meal to the action of heat at substantially 250° F. for approximately 30 minutes, thence raising the temperature to approximately

300° F. for approximately 15 minutes, thence raising the temperature to approximately 350° F. for a period ranging from 5 to 15 minutes, the while agitating the mass.

2,108,898
REFRIGERATING APPARATUS

Paul M. Lyons, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application July 20, 1935, Serial No. 32,419
4 Claims. (Cl. 62—141)



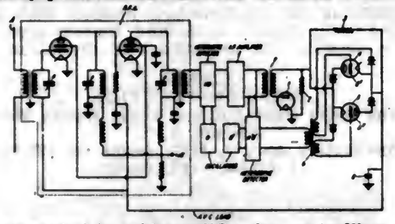
1. A portable unitary beverage cooling and dispensing apparatus comprising, a closed refrigerating system including an evaporator for cooling beverage adapted to flow through said apparatus, said refrigerating system also including a motor-compressor unit and a condenser, means for circulating air over said condenser, said means and said condenser being positioned below said unit and said unit being located below said evaporator, a casing enclosing and supporting said refrigerating system, said casing having a plurality of openings in the lower portion thereof and a plurality of openings in the upper portion thereof, baffle means within said casing for directing air drawn into the lower portion of said casing by said circulating means over said condenser and said unit, and means on said casing for removably suspending said apparatus from a wall of a room or the like.

2,108,899
AUTOMATIC VOLUME CONTROL

Harold Olaf Peterson, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application October 30, 1934, Serial No. 750,634
4 Claims. (Cl. 250—20)

1. In a receiving system, an amplifier in the path of the received signals, an oscillator and heterodyne detector in circuit with said path for producing audio frequency energy in accordance with the incoming signals, a rectifier also in circuit with said path for producing unidirectional current, a resistance connected across said rectifier through which said unidirectional current passes, an audio frequency transformer having a primary winding and two secondary windings, said primary winding being connected to the output of said heterodyne detector, two electron discharge devices each having an anode, cathode, and a control electrode, the cathode and control electrode of each device being individually connected to a secondary winding of said audio frequency transformer, a lead connecting the cathode of each device to the anode of its associated device, means for biasing the control electrodes of said devices to render the devices conducting only upon the presence of signal voltage in the secondary windings of said audio frequency transformer, a condenser one terminal of which is connected to a point of relatively fixed radio frequency potential and another terminal of which

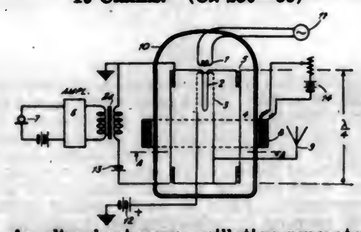


is connected to said amplifier for controlling the gain thereof, a connection from said last terminal to one of the leads joining the cathode of one device and the anode of the other device, a connection extending between the other lead joining the anode of said one device and the cathode of said other device to a point on said resistance.

2,108,900
ULTRASHORT WAVE OSCILLATION GENERATOR CIRCUIT

Harold Olaf Peterson, Riverhead, N. Y., assignor to Radio Corporation of America, a corporation of Delaware

Application November 8, 1934, Serial No. 751,984
10 Claims. (Cl. 250—36)



1. An ultrashort wave oscillation generator circuit comprising a multi-electrode electron discharge device having within its envelope an oscillatory circuit in the form of a concentric transmission line having inner and outer conductors of a length equal to a multiple of one-quarter of the length of the operating wave, said conductors comprising electrodes of said devices, said inner conductor comprising a perforated grid over at least a portion of its length, said outer conductor having that part of its inside portion opposite the perforated grid coated with an electron emissive material, a source of energy for heating said electron emissive material for liberating electrons, means for applying suitable polarizing potentials to the electrodes of said device, and a utilization circuit coupled to said inner conductor.

2,108,901
PRODUCTION OF ASSISTANTS FOR THE TEXTILE AND RELATED INDUSTRIES

Mathias Pier, Heidelberg, and Bruno Engel, Mannheim, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany

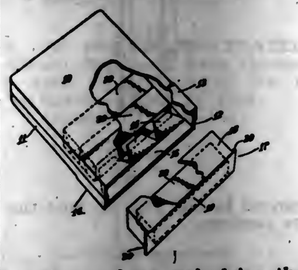
No Drawing. Application May 21, 1935, Serial No. 22,584. In Germany May 30, 1934
6 Claims. (Cl. 260—159)

1. A process for the manufacture of assistants for the textile and related industries which comprises sulphonating at temperatures of between about 10° and about 200° C. a product boiling above 200° C. and obtained by hydrogenating a material selected from the group consisting of mineral coals and mineral coal tars.

2,108,902
DISPENSING PACKAGE

Charles H. Rasmussen, Brooklyn, N. Y., assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y., a corporation of New York

Application September 14, 1935, Serial No. 40,592
8 Claims. (Cl. 206—56)

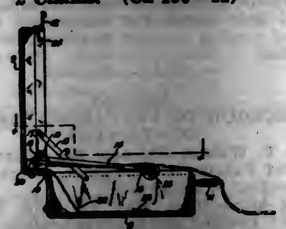


1. A dispensing package embodying therein a box body having closed top, bottom, one end and two side walls, and a discharge opening opposite said end wall and defined by said top and bottom and said two side walls, a resilient check member extending across said opening from side wall to side wall, one edge of said check member being secured to the top or bottom wall of said body adjacent the edge of said discharge opening and projecting inwardly of said box body and toward the bottom or top wall thereof, and an inside slip cover having a deep flange substantially co-terminous with the free edge of said check member, the flange of said cover being adapted to enter said body through said discharge opening and depress said check member, whereby when the cover is applied to the box, an article may pass said check member and enter said cover so as to be removable therewith, and when said cover is removed, said check member will rise and prevent an article passing through said discharge opening.

2,108,903
LUGGAGE CASE

Julius Ritter, Jr. and Syevirous Essmus, Racine, Wis., assignors to Hartmann Trunk Company, Racine, Wis., a corporation of Wisconsin

Application March 16, 1936, Serial No. 69,053
2 Claims. (Cl. 190—41)



1. A luggage case, comprising a pair of hingedly connected sections, a garment supporting frame pivotally mounted in one of said sections and swingable from one position to another position at substantially a right angle to the first position, brackets fixedly carried by said one section and located adjacent the pivot of the frame and having fixed slotted arms extending at all times at an angle substantially bisecting the angle traversed by the frame in moving from one limit to the other, and a garment engaging bar mounted directly in said brackets and slidable lengthwise along the slots in the arms thereof and directly therein during swinging movements of the frame when the bar and frame are cooperating in the folding and confining of garments engaging both of the same.

2,108,904
REVERSIBLE SETTING

Louis Shakter, Brooklyn, N. Y., assignor of fifty percent to Frank Zoldo, New York, N. Y.

Application April 12, 1937, Serial No. 136,310
4 Claims. (Cl. 63—31)



1. A reversible setting for jewelry and the like, comprising a base having an opening therein, a setting pivotally mounted in said opening, and a latch slidably mounted on the under-side of the base and at one side of the opening, and adapted to extend into a recess in one side of the setting with one face thereof exposed, and also into a recess in the opposite side of the setting with the position of the setting reversed; characterised in that the setting is formed with oppositely positioned recesses spaced at right angles, with two of said recesses adapted to receive pins upon which the setting is rotatably mounted, and with the other two of said recesses adapted to receive the latch, with the setting turned in such a position that said recesses register with the latch.

2,108,905
METALLIC ATTACHMENT

Harry Sheer, Brooklyn, N. Y.

Application December 24, 1935, Serial No. 55,973
1 Claim. (Cl. 24—226)



In a clasp comprising a base portion made of celluloid and a coupling element secured to one of the ends of said base portion, means adhered to said base portion for anchoring the loop of a belt to said base portion, said means comprising a longitudinal flat metal strip terminating at each of its ends in a flat tab offset from and parallel to said main body member; a celluloid facing covering the outside surface of each of said tabs and adhered to said base portion; and a plurality of prongs struck out of each of said tabs and extending into the celluloid facing immediately adjacent thereto for attaching said celluloid facings to said tabs.

2,108,906
CAPSULE FILLING MACHINE

Stephen J. Speckhart, Maplewood, and Rudolph Herger, Irvington, N. J.

Application July 21, 1937, Serial No. 154,744
14 Claims. (Cl. 226—41)

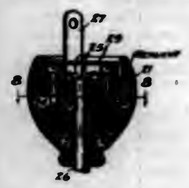
1. In a capsule filling machine, the combination of a power driven conveyor comprising a

series of lower flight members being interconnected into an endless chain, each lower flight member having positioned thereon an upper flight member which is adapted to be moved transversely thereof, an upper die attached to the upper flight member and a lower die attached to the lower flight member, said dies being normally in superimposed alignment, a receptacle for promiscuously receiving empty assembled capsules and segregating them into columns where-



by they may be fed to the superimposed dies of the endless conveyor, means for separating the two portions of the assembled capsules when in the dies, a hopper for feeding a powdered substance into the lower separated portions of the capsules, and means for lifting the filled lower portions of the capsules into engagement with the corresponding upper portions of the capsules so as to effect complete capsules having predetermined amounts of powdered substance therein.

2,108,907
ATTACHMENT PLUG
Edmund J. Te Pas, Rocky River, Ohio, assignor to Walter A. Frantz, Cleveland Heights, Ohio
Application August 8, 1933, Serial No. 684,192
6 Claims. (Cl. 173—323)



1. An attachment plug cap for use in connection with a flexible electric cord having conductor strands comprising a body formed from a soft rubber-like material having a central passageway for the reception of the cord, a relatively rigid member embedded in said body and a second relatively rigid member spaced therefrom, contact blades carried by said last named member, and means engaging said embedded member for connecting the conductor strands to said blades and for drawing said rigid members together whereby the relatively soft material of the plug cap therebetween is compressed about the end portion of the cord for securely anchoring the plug cap thereto.

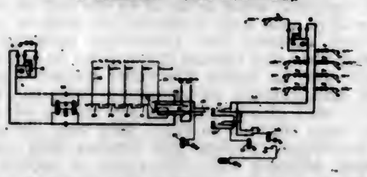
2,108,908
VAPORIZING GENERATOR
Boyd W. Tullis, Wichita, Kans.
Application August 21, 1935, Serial No. 37,170
1 Claim. (Cl. 158—53)

A device of the class described comprising a valve body having a tip orifice and a valve seat in the rear of the tip orifice, a valve guide connected to the valve body, a valve stem in the guide in threaded engagement with the valve body having a valve to engage the seat and a fuel vaporizing retort having at one end an outlet communicating with the valve body and means for removably connecting the retort to the valve body, said means comprising a yoke and a set



screw carried by the yoke to hold the retort in operative position.

2,108,909
TELEPHONE SYSTEM
William J. Vincent, Rochester, N. Y., assignor to Rochester Telephone Corporation, Rochester, N. Y., a corporation of New York
Application May 28, 1936, Serial No. 82,284
2 Claims. (Cl. 179—84)



1. In a telephone system, a telephone line having a plurality of substations connected thereto, a ringer at each substation, each of certain of said ringers being connected between one side of the line and ground through a gaseous tube and through a condenser in series therewith, each of the remainder of said ringers being connected between the other side of the line and ground through a gaseous tube and through a condenser in series therewith, a link circuit connectible to said telephone line, a plurality of sources of ringing current of different characteristics equal in number to the maximum number of ringers connected to one side of said line, and means including said link circuit for connecting a selected source of ringing current to either of said sides of the line.

2,108,910
METHOD OF PREPARING FIBER CONTAINERS
Charles T. Walter, Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Original application May 29, 1936, Serial No. 82,435. Divided and this application November 21, 1936, Serial No. 112,066. In Canada July 25, 1936
3 Claims. (Cl. 93—36.5)

3. The method of treating fiber containers provided with marginal end rolls which comprises

applying to the marginal end rolls, a congealable thermo-plastic compound hard and elastic at



temperatures approximately 185° F. and below and hardening the compound.

2,108,911
FOUNTAIN PEN FOR CONCENTRATED INK
Eugen Wetzel, Baltingen, Baden, Germany
Application April 12, 1937, Serial No. 136,592
In Germany April 17, 1936
7 Claims. (Cl. 120—42)



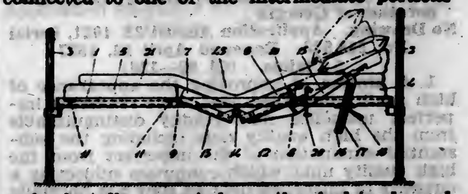
1. An improved fountain pen with a container for concentrated ink, coloring matter or the like, comprising in combination a tubular ink container, an extension piece screwed on the lower end of this container, a pen in this extension piece, a piston in the top of the said ink container, a discharge valve in said piston and a closing flap of rubber on said valve, a ring on the upper end of said ink container, an externally screw threaded extension at the top end of said ring, a container for concentrated coloring matter inserted in the extension of said ring, a piston in the upper end of said upper container, a rod downwardly extending from said piston and connected with said closing flap, a screw threaded rod upwardly extending from said piston in said upper container, a fixing nut screwed on this rod, a cap screwed on the top end of said screw bolt and an abutment nut under said cap.

2,108,912
DEFOAMING METHOD AND MEANS
Harland H. Young, Jr., Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
No Drawing. Application July 9, 1935, Serial No. 30,577
5 Claims. (Cl. 252—8)

3. A defoamer comprising wax, aluminum stearate and stearic acid.

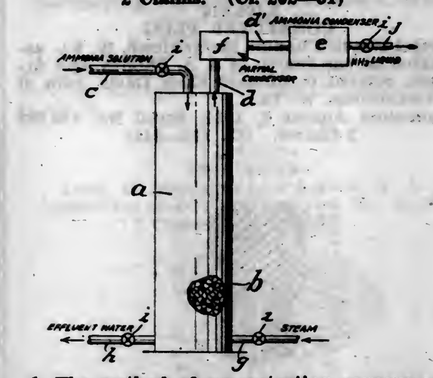
2,108,913
HOSPITAL BED OR THE LIKE
Johannes Adolf Bäwer, Gothenburg, Sweden
Application March 28, 1935, Serial No. 13,539
In Sweden March 29, 1934
4 Claims. (Cl. 5—66)

4. A hospital bed comprising a bedstead, a bed bottom resting upon the bedstead and divided into a head end portion, a foot end portion, and two lowerable intermediate portions pivotally connected to each other and to the end portions, one of the end portions being slidable in its longitudinal direction, an operating device connected to one of the intermediate portions



and pivotally mounted on the bedstead, and adapted to swing the intermediate portions downwardly, so as to make accessible a part of a patient resting on the bed, while only a comparatively unimportant movement of the slidable end portion in its longitudinal direction is caused.

2,108,914
METHOD OF CONCENTRATING AQUEOUS AMMONIA SOLUTIONS
James L. Bennett, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
Application May 1, 1935, Serial No. 19,192
2 Claims. (Cl. 202—51)

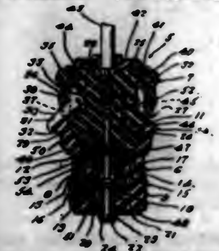


1. The method of concentrating aqueous ammonia solutions which includes continuously introducing a relatively dilute aqueous ammonia solution under pressure into the upper portion of a tower, introducing steam under pressure into the lower portion of the tower and in direct contact with said aqueous ammonia solution, whereby the aqueous ammonia solution and the steam pass in countercurrent flow through the tower, passing said aqueous ammonia solution and said steam through said tower at such a rate that substantially all of the ammonia is stripped from the solution before the solution reaches the lower portion of the tower, withdrawing the stripped solution from the lower portion of the tower, withdrawing ammonia gas and water vapor from the upper portion of the tower, passing the ammonia gas and water vapor into a condenser and therein condensing said ammonia gas and water vapor to produce a concentrated aqueous ammonia solution, while continuously maintaining a pressure in the tower and condenser which is above about 82 lbs./sq. inch absolute and thereby producing a concentrated aqueous ammonia solution containing more than 58% ammonia in the condenser, and withdrawing said concentrated aqueous ammonia solution from the condenser.

2,108,915
PROCESS OF TREATING NUTS
William Potter Bullard, Albany, and James Samuel Guy, Atlanta, Ga., assignors to National Pecan Growers Exchange, Albany, Ga., a corporation of Georgia
No Drawing. Application August 22, 1931, Serial No. 558,826. Renewed April 24, 1937
5 Claims. (Cl. 99—126)

1. A process of improving the appearance of high quality unshelled nuts while rendering imperfect unshelled nuts readily distinguishable from the high quality nuts including the substantial elimination of the imperfect from the high quality nuts, which comprises subjecting a quantity of unshelled nuts as they are normally handled in bulk to a bleaching treatment, to thereby render the shells lighter than the natural color thereof, and thereafter subjecting the bleached nuts to such dyeing treatment that upon the washing and drying of the same the sound nuts will be evenly colored while imperfect nuts will present color characteristics which readily distinguish them from the sound nuts, and separating the imperfect nuts from the sound nuts, whereby substantially all imperfect nuts may be eliminated from the bulk before the unshelled nuts are distributed and the sound nuts are enhanced in appearance.

2,108,916
CONNECTER PLUG
Hershel Wayne Chaplin, Morgantown, W. Va., assignor of one-fourth to S. A. Phillips, and fifteen percent to Richard Earle Davis, both of Morgantown, W. Va.
Application August 7, 1934, Serial No. 738,862
3 Claims. (Cl. 173—343)



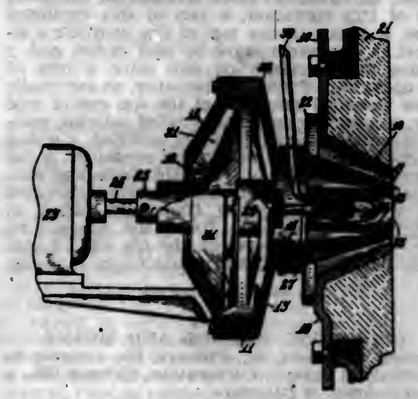
1. A plug connecter comprising two dielectric separable bodies, one of said bodies having an annular retaining portion, latches pivoted on one of said bodies and engageable with said annular retaining portion, a sleeve mounted for longitudinal movement on said one body, said sleeve being movable to an axial position to engage with a first portion of said latches in a manner to hold the latches engaged with said annular retaining portion, said sleeve being movable to an opposite axial position to engage with a second portion of said latches in a manner to hold said latches disengaged from said annular retaining portion so as to enable separation of said bodies, one of said bodies having a centralized stationary contact and the remaining body having an axial spring pressed contact engageable with said centralized stationary contact, first annular contact means on said remaining body and second annular contact means on said one body arranged to be in engaged positions while said bodies are connected together, and a dielectric tubular member spaced radially inwardly from the first and second annular contact means and surrounding said spring contact whereby said axial spring pressed contact is positively prevented from becoming engaged with either of said annular contact means at any time.

2,108,917
BUTTON FORMER
Flint C. Kider, Cleveland Heights, Ohio
Application February 11, 1937, Serial No. 125,323
5 Claims. (Cl. 140—13)



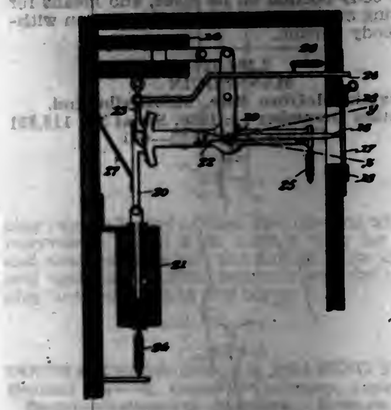
1. A button or knot former for wire fence machines including a body-member, at least one pin carried by and extending from said body-member, a collar carried by said pin and loosely held against said body-member, said collar having an outer surface that tapers inwardly toward said body-member, and bearings rotatively mounting said collar on said pin.

2,108,918
LIQUID FUEL BURNER
William F. Falkenberg, Chicago, Ill.
Application September 17, 1936, Serial No. 101,218
2 Claims. (Cl. 158—77)



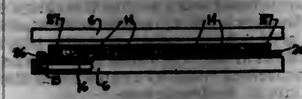
1. A liquid fuel burner including an air nozzle and a rotatable shaft extending therein, a fuel atomizing nozzle mounted axially within said air nozzle on said shaft, said fuel nozzle comprising a cup having an internal coned fuel discharge surface and an end wall, a flange extending outwardly from said wall around but spaced from said shaft to provide a fuel receiving chamber, means feeding fuel to said receiving chamber, said wall having a plurality of inclined passageways extending therethrough, and the surrounded shaft portion and the inner surface of said flange each having serrations therein to reduce the fuel to fine particles prior to its being carried through said passageways into said cup.

2,108,919
TARGET INDICATOR
Cezar Grigoriu, Bucharest, Rumania
Application July 28, 1934, Serial No. 736,583
In Rumania July 27, 1933
3 Claims. (Cl. 236—67.5)



1. In a device for recording the hits on a target, having a frame for supporting a record strip, the combination of a group of punching pins arranged to pierce the record strip for recording the horizontal co-ordinates of parts of the target, with electro-magnets for operating said punching pins, a second group of punching pins arranged to pierce the record strip for recording the vertical co-ordinates of the said points, a second group of electro-magnets for operating the second group of punching pins, circuit-closing devices on the target arranged thereon for actuation by impacts of a projectile on the target, each of said circuit-closing devices being included in a separate circuit containing one electro-magnet of each group, so that on a projectile striking the target and actuating one of said circuit-closing devices, the record strip will be pierced by a punching pin representing a horizontal co-ordinate and a punching pin representing a vertical co-ordinate, displaceable supporting means for each group of punching pins, and means operative concurrently with any of said electro-magnets for displacing said supporting means a predetermined distance.

2,108,920
MEANS FOR INDURATING LUMBER
Walter D. Humiston, Flushing, N. Y.
Application May 3, 1935, Serial No. 19,674
3 Claims. (Cl. 144—281)



1. In a machine for indurating lumber, in combination a plurality of movable plates between which layers of lumber planks are compressed to a predetermined thickness, and compressible anti-spreader strips having a density greater than the density of the wood to be compressed between the plates and in contact with the outer edges of the outer planks of each layer for preventing the spreading of the lumber.

2,108,921
PIZZLE REMOVAL METHOD
Charles F. McKim, Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application December 16, 1936, Serial No. 116,006
4 Claims. (Cl. 17—1)



4. In dressing animal carcasses, the steps involving the removal of the pizzle which comprise coring out the base portion of the pizzle.

2,108,922
STABILIZATION OF OIL
Virgil C. Mehlenbacher, Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
No Drawing. Application November 5, 1936, Serial No. 109,369
5 Claims. (Cl. 99—163)

1. The method of stabilizing shortening which comprises adding thereto and thoroughly incorporating therewith a quantity of hydrogenated kapok oil.

2,108,923
STOCKING
Louis H. Mendelsohn, Paterson, N. J.
Application July 2, 1936, Serial No. 88,604
1 Claim. (Cl. 66—187)

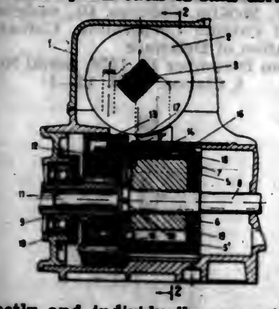


The herein described full-fashioned foot garment having all that segment thereof which is approximately coincident in width with the herein defined toe-zone of the garment and which, when the garment is worn, extends across and over and around the wearer's toes and terminates at both its ends approximately at the longitudinal seam-line knitted reticular and being also substantially uniformly elastic and yielding throughout its whole extent and having all of its yarn elements which define the holes in said segment more resistant to wear throughout said whole extent than those of the adjoining herein defined major portion of the garment.

2,108,924
IGNITION MAGNETO
Umberto Quintavalle, Milan, Italy, assignor to Fabbrica Italiana Magneti Marelli Soc. An., Milan, Italy
Application September 1, 1936, Serial No. 98,985
In Italy September 20, 1935
7 Claims. (Cl. 171—209)

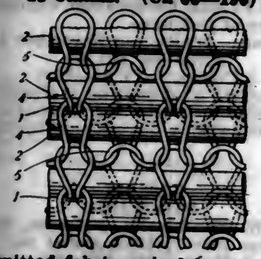
3. In an ignition magneto, a rotary element comprising a driving member, a disc-shaped part

connected with said driving member and a plurality of driven parts each of said driven parts



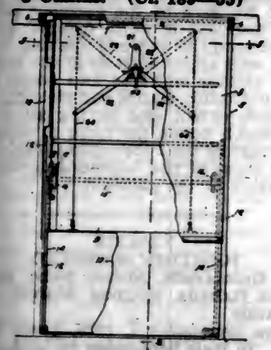
being directly and individually connected with said disc-shaped part.

2,106,925
KNITTED FABRIC AND THE PRODUCTION THEREOF
Harry Avery Raynor, Nottingham, England
Application February 14, 1936, Serial No. 63,925
In Great Britain February 15, 1935
13 Claims. (Cl. 66—190)



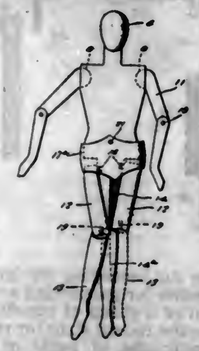
13. A knitted fabric embodying in addition to the stitch loops constituting it, a weft bar comprising a plurality of cores and binding thread binding them together, in which fabric certain stitch loops transfix the weft bar and extend between the cores thereof.

2,106,926
STORM SHUTTER
Edward W. Reiber, Miami, Fla.
Application August 28, 1936, Serial No. 98,397
3 Claims. (Cl. 189—55)



3. In a combined awning and window shutter, a hollow body portion, means for pivotally connecting the body portion to a window frame, said body portion having offset portions formed along its longitudinal side edges, providing guideways, a shutter section, bars secured to the longitudinal side edges of the body portion and disposed in the guideways, slidably mounting the shutter section within the body portion, means for swinging the body portion on its pivot, and means for restricting movement of the shutter section within the body portion.

2,106,927
MANNEQUIN
Virginia McGhee Rice, Monticello, Ind.
Application December 14, 1936, Serial No. 115,831
2 Claims. (Cl. 223—68)



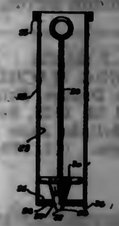
1. A mannequin comprising a torso including a head, arms and leg members, one of the said leg members being fixed rigidly to the torso and the other leg member being adjustable with respect thereto, said torso being provided with a downwardly tapering filler structure forming the upper portion of the rigid leg, said adjustable leg section being composed of an upper and a lower section, said upper leg section being disposed against one side of the filler and a second upper leg section disposed against the opposite side of the filler, said upper leg sections being detachably secured to opposite sides of said filler.

2,106,928
METHOD FOR THE POLYMERIZATION OF ROSIN
Alfred L. Russelsburg, Wilmington, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application February 8, 1936, Serial No. 63,629
16 Claims. (Cl. 87—2)

1. A method for the polymerization of rosin which includes bringing a solution of rosin in a monocyclic aromatic hydrocarbon into intimate contact with sulfuric acid having a concentration within the range of about 65% to about 102% by weight at a temperature within the range of about —10° C. to about 65° C. without substantial sulfonation of the rosin, separating the polymerized rosin solution from the sulfuric acid and recovering polymerized rosin by evaporating the monocyclic aromatic hydrocarbon.

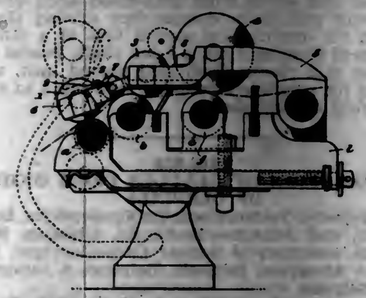
2,106,929
PACKAGE PASTER
Charles L. Stratton, Chicago, Ill., assignor to Industrial Patents Corporation, Chicago, Ill., a corporation of Delaware
Application December 16, 1936, Serial No. 116,212
6 Claims. (Cl. 93—66)

2. In a paste applicator, a bracket provided with a paste reservoir adapted to rest by gravity upon paper positioned beneath, said reservoir provided with a bottom having an external recess therein, an opening in said bottom, a tapered plug mounted through said opening and extensible beyond the plane of the edge of said bottom, said



plug being adapted to close said opening when the reservoir is raised from contact with the paper, and adapted to permit the flow of paste through said opening when the reservoir and the tapered plug are rested upon the paper.

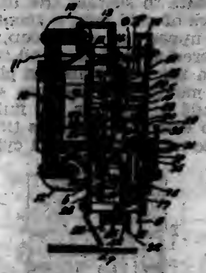
2,106,930
DOUBLE THREE-ROLLER DRAWING FRAME
Herbert Strolak, Grevenn, Germany, assignor to Baumwollspinnerei Grevenn, Grevenn, Germany
Application February 6, 1935, Serial No. 5,294
In Germany August 30, 1934
2 Claims. (Cl. 19—134)



1. In double three roller drawing frames with upper and lower drawing cylinders, bearings for said drawing cylinders, a carrier cylinder having pivots extending a relatively short distance from the ends thereof, said pivots being of curved convex outline and increasing in cross section towards the cylindrical part of said carrier cylinder and a neck portion connecting said pivots to the cylindrical part of the carrier cylinder, an adjustable cap bar carried on said frame, steel plate adjusting slides screwed on said adjustable cap bar and engaging like riders the bearing points of said pivots so that the adjusting slides form at their upright edges abutments for the curved pivots of said carrier cylinder by producing point-like bearings.

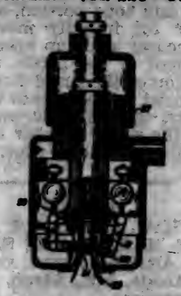
2,106,931
ELECTRIC CLOCK MECHANISM
Ivan Trepanier, Waterbury, Conn.
Application August 7, 1935, Serial No. 35,186
3 Claims. (Cl. 58—36)

1. In an electric clock including a field structure; a balance wheel of magnetizable material, a pair of inverted U-shaped pole pieces, each of the said inverted U-shaped pole pieces having one of their leg portions secured to the field structure and the remaining leg portion disposed along



opposite side portions of the balance wheel and in magnetic relation with respect thereto.

2,106,932
METHOD OF AND APPARATUS FOR APPLYING CLOSURE CAPS TO RECEPTACLES
Ernst von Segebaden, Drottningholm, and Bror Johnson, Alsten, Sweden, assignors to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden, a corporation of Sweden
Application October 31, 1934, Serial No. 750,890
In Sweden November 4, 1933
14 Claims. (Cl. 226—87)

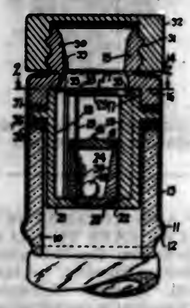


1. Apparatus for applying a closure cap having a depending skirt to the mouth of a receptacle, comprising capping tools, said tools being singly mounted for movements at substantially different levels transversely to the receptacle to yieldingly press different longitudinal sections of the skirt against said receptacle, one of said tools being operative to move progressively longitudinally of the receptacle relative to another of said tools through a range of action beyond that of said other tool, the transverse and longitudinal movements of said one tool being independent of any other of said capping tools, and accommodating to the contour of said receptacle to force the material of the skirt into intimate contact with said receptacle.

2,106,933
BOTTLE VALVE
James W. Wandell, New York, N. Y., assignor to Browne-Vintners Co., Inc., New York, N. Y., a corporation of New York
Application February 9, 1937, Serial No. 124,869
1 Claim. (Cl. 215—22)

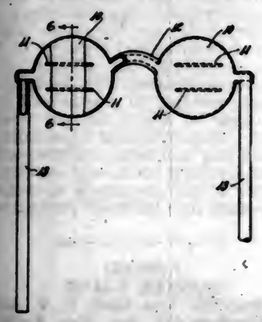
In a bottle valve, in combination, a valve cup having a fluid opening therein, arranged to be positioned in the neck of a bottle, guide rails providing ridges along the inner wall of said cup and terminating short of the top of the cup to

present seats, a guard disk for partly closing the top of the cup, tabs on the disk arranged to rest in the said seats to sustain the disk flush with the upper edge of said cup, a spout member fitting over the upper end of the cup, said member being shouldered at its lower end to fit over the tabs to retain the guard disk in place, a hollow closed valve member in the cup slidable along said guide rails to uncover the fluid opening in the valve cup when the bottle is tilted for pouring, said valve member having a cylindrical body



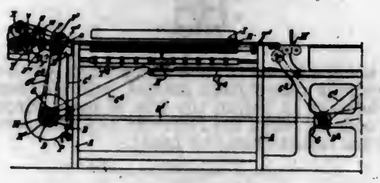
portion, the inner wall of which is tapered and a bottom conical shaped portion, the inner wall of which portion is more acutely tapered than the inner wall of said body portion, a ball inside the valve member for initially moving said valve member to uncover said cup opening during the tilting movement of the bottle, means for preventing adhesion of the guard disk and the valve, a sleeve arranged to encompass the neck of the bottle and part of said spout member, and the outer end of the spout member being shaped to provide a non-drip pouring edge.

2,106,934
THERAPEUTICAL APPLIANCE AND METHOD OF MAKING THE SAME
Raymond W. Albright, Akron, Ohio, assignor to American Anode, Inc., Akron, Ohio, a corporation of Delaware
Application March 31, 1934, Serial No. 718,402
13 Claims. (Cl. 128—399)



1. A rubber article adapted for therapeutical use in treating an area of a human body, comprising a thin walled and somewhat distensible closed hollow rubber bag of relatively large cross-sectional area designed substantially to cover the area to be treated, an integral rubber web joining two sides of the rubber bag for a substantial distance in such manner as to limit the distention of the bag, and two less distensible fluid conduits of relatively small cross-sectional area communicating with said bag at generally opposed points in such manner as to direct fluid through the interior thereof from one conduit serving as a fluid inlet to the other conduit serving as a fluid outlet.

2,106,935
FOLDING MACHINE
William Horace Draper, Bristol, England
Application April 24, 1935, Serial No. 18,062
In Great Britain June 21, 1934
13 Claims. (Cl. 270—61)



1. In a folding machine of the character described, a feeder, at least one folding device, a tape feed for conveying paper sheets from said feeder to the folding device, a tape feed driving shaft, a main drive shaft in timed driving connection with said folding device, a unit on said tape feed driving shaft, means for driving said unit at one speed from said main drive shaft, a second unit on said tape feed driving shaft, means for driving said second unit at a different speed from said main drive shaft, means for driving said feeder from said second unit, and means for selectively coupling said units to said tape feed driving shaft.

2,106,936
PREPARATION OF GLYCOLS FROM OXIDES OF OLEFINES
Paul Ferrero, Tertre, Corneille Vandendries, Baudour, and François Berbé, St. Ghislain, Belgium, assignors to Societe Carbochimique, Société Anonyme, Brussels, Belgium, a company of Belgium
No Drawing. Application April 13, 1937, Serial No. 136,690. In Belgium May 7, 1936
3 Claims. (Cl. 260—156.5)

1. In a catalytic process of preparing glycols, causing an oxide of olefine to react with water in the presence of oxalic acid, and then eliminating the oxalic acid.

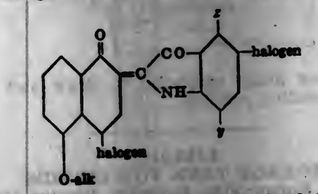
2,106,937
METHOD FOR THE PRODUCTION OF ARALKYL HALIDES
Lloyd H. Fisher, deceased, late of Wilmington, Del., by Anson B. Nixon, administrator, Holly Oak, Del., assignor to Hercules Powder Company, Wilmington, Del., a corporation of Delaware
No Drawing. Application March 19, 1935, Serial No. 11,830
19 Claims. (Cl. 260—160)

1. The method of producing an aralkyl halide which includes heating a di-aralkyl ether with a hydrogen halide at a temperature above 100° C.

3. The method of producing an aralkyl halide which includes heating a di-aralkyl ether with a hydrogen halide in the presence of a heavy metal halide.

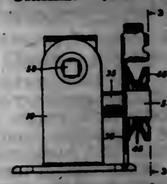
2,106,938
INDIGOID DYESTUFFS
Eduard Kambli, Basel, Switzerland, assignor to Society of Chemical Industry in Basle, Basel, Switzerland
No Drawing. Application July 3, 1936, Serial No. 88,895. In Switzerland July 15, 1935
4 Claims. (Cl. 260—49)

1. Indigoid dyestuffs of the general formula



wherein alk represents a radical of the lower aliphatic series, x a member of the group consisting of hydrogen and methyl, and y a member of the group consisting of methyl, methoxy and halogen, which dyestuffs are blue powders yielding in cotton printing blue to blue-green tints of excellent fastness.

2,106,939
REGULATOR FOR VENETIAN BLINDS
William Weaver Lewis, Port Washington, N. Y.
Application September 12, 1936, Serial No. 100,463
3 Claims. (Cl. 156—17)

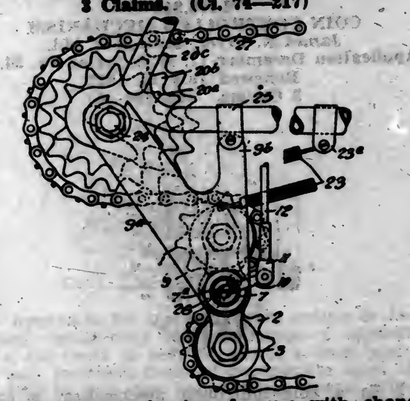


1. In a tilting mechanism for a Venetian blind including a tilt bar and a header bar, the combination comprising a housing attachable to the header bar, the housing having securing means and a compartment, means attachable to tilt bar, a projection of a configuration other than circular provided on the attachable means, means rotatably mounted in the compartment and arranged to receive the projection so that the attachable means can be mounted interchangeably on either side of the housing, and means having a portion rotatably mounted in the compartment in engagement with the rotatable means and another portion projecting externally of the compartment to support a pulley.

2,106,940
PROCESS FOR MAKING DI-CALCIUM PHOSPHATE
Walter H. MacIntire, Knoxville, Tenn.
No Drawing. Application May 3, 1934, Serial No. 723,907
11 Claims. (Cl. 23—109)

1. The process of making di-calcium orthophosphate of approximately 95% purity which consists in adding to an approximately 85% phosphoric acid solution an amount of approximately pure limestone comminuted to pass a 100 mesh sieve in the approximate proportion of 294 parts of H_3PO_4 and 300 parts of $CaCO_3$, together with water amounting by weight to from 25% to 50% of the limestone and vigorously agitating the mixture to a granular condition.

2,106,941
CHANGE SPEED GEAR MECHANISM FOR CYCLES AND THE LIKE
Joseph Thomas Morgan, Cardiff, Wales
Application March 23, 1937, Serial No. 132,576
In Great Britain April 14, 1936
3 Claims. (Cl. 74—217)



1. Shifting mechanism for use with change speed gear for chain and sprocket gear propelled cycles and the like in which a number of sprockets of varying diameters are adapted to be selectively engaged by the chain, a bracket fixed to the cycle frame, a tubular supporting member carried by said bracket, a rocker arm, a pivot member fixed to the rocker arm between the ends of the arm, a pair of jockey sprockets carried by the ends of the rocker arm, said tubular supporting member slidably and rotatably accommodating said pivot member, a helical slot in said tubular member, a lever comprising substantially radial pin carried by said pivot member passing through said slot, an upstanding rod connected at its lower end to said pin, a substantially horizontal rod, a lever connecting the upper and rear ends of the upstanding and substantially horizontal rods respectively, and a gear selecting control device connected to the front end of the substantially horizontal rod for imparting a push-pull operation to said radial pin to impart by reason of said pin and helical guide a movement of translation of the rocker arm simultaneously with arcuate movement thereof.

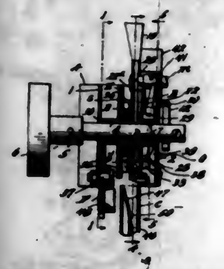
2,106,942
TAMPERPROOF SEAL AND METHOD OF PRODUCTION
Ralph S. Peirce, Hinsdale, Ill.
Application March 13, 1935, Serial No. 10,775
6 Claims. (Cl. 40—2.2)



2. As an article of manufacture, a tamperproof seal including a soft metal member having in its initial form an identifying figure upon a face thereof formed by a groove depressed below the normal surface of said face the member being thereafter expanded in the plane of said face by compression in a direction normal to said face over an area materially greater than the figure,

the figure remaining visible but altered in configuration after compression, and a second identifying figure upon said face formed by said compression of the member.

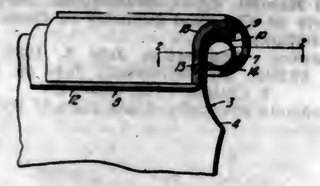
2,106,943
COIN CONTROLLED MECHANISM
James N. Pryor, Baltimore, Md.
Application December 17, 1935, Serial No. 54,892
Renewed July 13, 1937
3 Claims. (Cl. 194—1)



3. In a coin-controlled mechanism, a coin chute, a shaft, a circular coin carrier mounted on the shaft so as to turn therewith and having a coin passageway with inlet and outlet openings at its peripbery, stops for limiting the movement of the carrier, a spring normally holding said carrier against one stop with the inlet to said passageway in position to receive a coin from said chute, means for yieldingly holding a coin at the inlet of said passageway, a star wheel journaled on the shaft adjacent the carrier, a lever centrally pivoted on one side of the carrier to rock transversely of the plane of the carrier, and having a projection on one end movable across the inlet of the coin passageway, a dog connected to the opposite end of the lever and movable into and out of the path of the star wheel arms, a stationary cam adapted to rock the lever so that the projection will be out of the plane of the coin inlet and the dog will be in the plane of the star wheel at each end of the movement of the carrier, and a spring adapted to rock the lever in the opposite direction during an intermediate part of the movement of the carrier, whereby if a coin is in the inlet during the movement of the carrier to its discharge position, said projection will engage the side of the coin and the coin will prevent the lever from rocking the dog out of the plane of the star wheel and the dog will operate said wheel, and if there is no coin in the inlet the lever will rock the dog out of the plane of the star wheel.

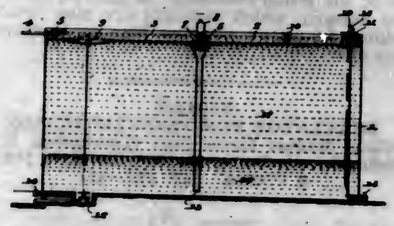
2,106,944
CLOSING AND REENFORCING RING UNIT
Richard S. Rheem, Oakland, Calif., assignor to Rheem Manufacturing Company, a corporation of California
Application April 8, 1935, Serial No. 15,222
2 Claims. (Cl. 220—61)

1. The combination with a drum body having a peripheral outwardly rolled extension at an open end and a removable head having a peripheral extension for cooperation with said body extension and an offset portion with its sides arranged to fit against the inner sides of the drum walls, a continuous backing ring of relatively strong construction insertible and fitting within said sides of the head so as to be embraced thereby and having a radial strengthening flange extending over the peripheral extension of said head, and a clamping ring engageable with said



flange and drum extension to draw and hold same in sealing relation.

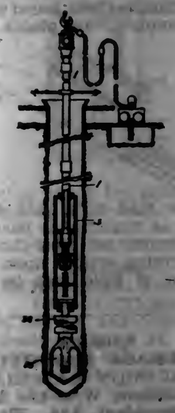
2,106,945
STORAGE TANK FOR LIQUIDS
Arnold Runge, Villa Ballester, Buenos Aires, Argentina
Application February 26, 1937, Serial No. 127,964
7 Claims. (Cl. 220—85)



1. In a storage tank for liquids, particularly for inflammable or non-inflammable liquids of a volatile nature having an auxiliary tank disposed on top of the storage tank proper for the purpose of containing a pressure liquid of greater specific gravity than and immiscible with the liquid to be stored, said auxiliary tank being connected with the interior of the storage tank by a pipe connection, an intake and discharge pipe for the stored liquid extending upwardly into a dome disposed on the top of said tank, the upper aperture of said intake and discharge pipe being placed at a higher level than the level of the pressure liquid contained in the auxiliary tank on top of the storage tank, and yielding power-transmitting means such as a diaphragm built into the top of said tank, said yielding means effecting with the aid of adequate transmission means, such as connecting rods, the outflow of a corresponding amount of pressure liquid by opening closure devices upon exceeding a pre-established internal pressure within said storage tank.

2,106,946
HYDRAULIC BORING MECHANISM
Theo Seifer, Berlin, Germany
Application November 1, 1935, Serial No. 47,889
In Germany September 22, 1933
5 Claims. (Cl. 255—4)

1. In a hydraulic mechanism, the combination of a vertical hollow shaft, a hollow piston rigidly and coaxially connected therewith, a cylinder closed at the top enclosing the said piston, a chisel carried by the cylinder, the interior of the hollow shaft below the upper surface of the piston being enlarged to form a valve chamber, a valve seat at the base of the chamber situated in a substantially horizontal plane, a valve body fitting into said seat, the hollow shaft communicating through ducts with the spaces above the piston and through other ducts with the space below the piston and the valve, and a resilient member transmitting the reciprocative movement of the cylinder to the said valve body.

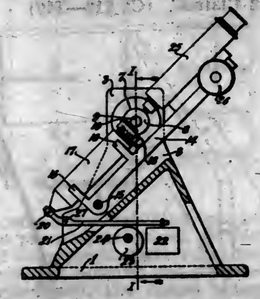


2,106,947
HYDRAULIC MOTOR FOR DEEP-BORING MECHANISMS
Theo Seifer, Berlin, Germany
Application November 26, 1935, Serial No. 51,632
In Germany February 27, 1935
9 Claims. (Cl. 255—4)



1. In a boring mechanism, the combination of a tubing through which the flushing fluid flows, a piston on the said tubing, a cylinder sliding over the piston, a main valve in the said tubing, a chamber in the tubing beneath the valve seat, apertures being provided in the said chamber for the discharge of the flushing fluid, an auxiliary valve in the said chamber, a rod extending from the body of the auxiliary valve and a second rod adapted to be lifted with the cylinder and adapted to strike the first named rod thereby opening the auxiliary valve after the cylinder has passed a certain way from its lowest position, the main valve being actuated by the variations of the hydraulic pressure connected with the opening and closing of the auxiliary valve.

2,106,948
TESTING OF LUBRICATION AND WEAR
Robert Low Heron Smith, Mottingham, London, England
Application January 4, 1937, Serial No. 119,628
In Great Britain January 20, 1936
7 Claims. (Cl. 73—51)



5. Apparatus for testing bearing metals or lubricants comprising in combination a support for a specimen of bearing metal, a steel bearing ball, members disposed on opposite sides of the ball to grip the ball between them, driving means for rotating one of said members, and means for pressing the specimen support against the ball transversely to the axis of rotation of the driven member and ball.

2,106,949
VALVE HEAD STRUCTURE FOR CORE BARRELS
Leonard L. Snyder, Southgate, Calif., assignor to Elliott Core Drilling Company, a corporation of California
Application July 28, 1936, Serial No. 93,016
5 Claims. (Cl. 255—72)



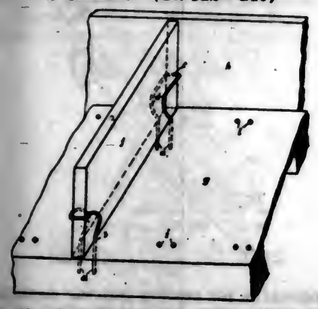
1. For use in combination with a core drill having an outer barrel member, a core barrel therein and a drill pipe secured to the top of said outer barrel, means for relieving the pressure within said core barrel during circulation of drilling fluid through said drill stem embodying: an elongated body mounted on the top of said core barrel and having a Venturi passage formed therein in the path of drilling fluid in said drill pipe, said body having a suction passage communicating between the throat of said Venturi passage and the upper end of said core barrel; and an upwardly opening check valve in said suction passage.

2,106,950

CLIP FOR THE ADJUSTABLE ATTACHMENT OF PARTITIONS IN SHOWCASES AND THE LIKE

Albert Sieber, Berlin-Pankow, Germany

Application July 7, 1936, Serial No. 89,435
In Germany August 21, 1935
2 Claims. (Cl. 312—140)



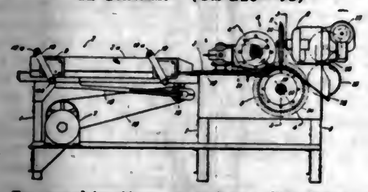
1. A clip for the adjustable attachment of partitions in show-cases and the like, comprising a piece of resilient wire bent in an inverted and substantially U-shaped fashion and including an intermediate connecting portion and two arms continuing therefrom, said arms being resiliently expanding at their free terminal portion and converging arcuately inwards toward each other between a point intermediate of their length and the intermediate connecting portion, and in which said inwardly extending arcuately curved portions of said arms are also arcuately bent in a direction at right angles to said arcuately bent portions, and the terminal portions being arranged in a plane parallel to but offset from the intermediate connecting portion.

2,106,951

CUTTING MACHINE

Albert R. Thompson, San Jose, Calif., assignor to Food Machinery Corporation, San Jose, Calif., a corporation of Delaware

Application September 2, 1933, Serial No. 687,928
11 Claims. (Cl. 146—78)



1. In combination, a rotary disc-type cutter having a helical cutting edge, a plurality of peripherally toothed feed-wheels in mesh with said cutting edge, said feed-wheels being mounted in side by side spaced relation to form channels therebetween for the reception of strips of material to be cut, and means for supporting said material as it is advanced between said feed-wheels.

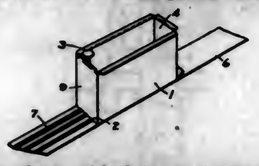
2,106,952

STRIPING TOOL

John Urban, West New York, N. J.

Application July 14, 1937, Serial No. 153,599
5 Claims. (Cl. 91—62.6)

1. In a striping tool of the type having a reservoir in a container with a flat bottom, with slots in said bottom adjacent one side, and with notches in the lower edge of the side corresponding with said slots and communicating therewith; plates forming closures positioned above said slots and slidably mounted, said plates adapted to be



lowered to close said slots, said device characterized in that, as material is passed under the device, a fluid therein will flow through the slots and notches forming stripes upon the material, and the amount of fluid may be regulated by said plates.

2,106,953

FLEXIBLE PACKAGE FOR HYDROCOLLOID IMPRESSION MATERIALS

Walter J. van Roseem, West Los Angeles, Calif., assignor to Surgident, Ltd., West Hollywood, Calif., a corporation of California

Application June 5, 1936, Serial No. 83,647
2 Claims. (Cl. 206—46)



1. A moisture-impervious package comprising a body of moisture-containing hydrocolloid composition and an enclosing envelope completely surrounding said body, said enclosing envelope comprising a film of polymerized vinyl halide resin.

2,106,954

LUBRICATING COMPOSITION

Jones I. Wasson, Elizabeth, N. J., assignor to Standard Oil Development Company, a corporation of Delaware

No Drawing. Application December 20, 1934, Serial No. 758,427
6 Claims. (Cl. 87—9)

1. An improved lubricating composition of low oxidation rate and tendency to sludge, comprising a lubricating oil having a tendency to form sludge on oxidation and containing as an addition agent a small amount of an aliphatic hydroxy-sulfide in which the hydroxy radical and the sulfur are attached directly to the aliphatic group.

2,106,955

FLUID PASSAGE FOR DRILLING TOOLS

John A. Zublin, Los Angeles, Calif.

Application June 2, 1936, Serial No. 83,679
4 Claims. (Cl. 255—61)

1. A well drilling tool with cutting elements and an internal passage for circulation fluid, having an external fluid channel communicating at its upper end with the internal passage to receive fluid therefrom, said external channel being open to the tool exterior on one vertical side and at the lower end and so positioned on the tool in close proximity to the vertical well wall throughout substantially its entire length that the well wall at least partially closes the open

vertical side of the channel to confine downwardly moving fluid therein, and a second ex-



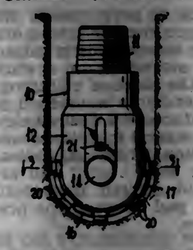
ternal channel in which the fluid moves upwardly past the tool.

2,106,956

ROTARY EARTH BORING TOOL WITH ROLLING CUTTERS

John A. Zublin, Los Angeles, Calif.

Original application March 30, 1936, Serial No. 71,660. Divided and this application July 15, 1936, Serial No. 90,780
20 Claims. (Cl. 255—71)



1. A cutter assembly for a deep well rotary earth boring tool comprising a generally circular, wheel-like cutter carrier adapted to be rotatably mounted on a tool body and having a plurality of radial slots around the carrier; a plurality of circumferentially extending pins welded to the carrier; and a roller type cutter in each slot rotatably mounted upon one of said pins.

2,106,957

FRICTIONAL WIRE CONNECTER

Jasper Blackburn, Webster Groves, Mo.

Application February 26, 1934, Serial No. 712,925
9 Claims. (Cl. 173—363)



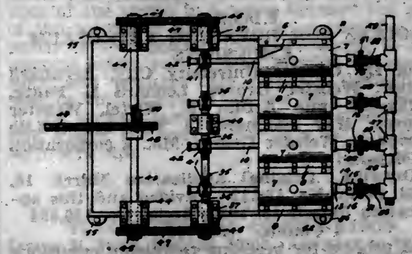
3. In a device of the kind described, an elongated keeper comprising two legs movably joined to move athwart one another in parallel planes for admitting wires therein between, the legs being spaced apart at transversely adjacent portions for providing the necessary wire receiving space, the outer sides of the legs being complementally rounded and segmentally screw threaded to engage a tapped nut, a tapped nut for engaging the said legs, and means operatively anchoring the nut to one of the legs so that the nut may be withdrawn to the end thereof for freeing the other leg for relative lateral movement for admitting the wires.

2,106,958

AIR COMPRESSING MACHINE

Walter J. Brightwell, Henderson, Tex.

Application October 20, 1936, Serial No. 106,628
2 Claims. (Cl. 230—134)



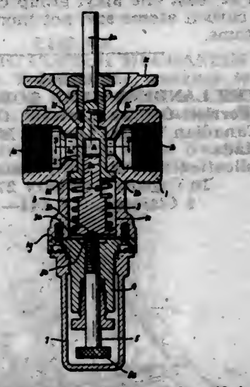
1. A compressor machine, comprising a base having a plurality of spaced parallel bars, a plurality of compressor units each including a piston, a cylinder housing the piston, a connecting rod coupled with the piston extending beyond one end of the cylinder, a pair of fins formed integral with each cylinder and extending longitudinally thereof, each of said cylinders being disposed between a pair of said parallel bars and having the fins thereof resting on and secured to said bars, a compressed air reservoir, an air lead-off pipe from each of said cylinders, a pipe line connecting each of said lead-off pipes with the reservoir, each of said lead-off pipes having an outwardly opening valve controlling the flow of air from the cylinder into the lead-off pipe, and power means coupled with said connecting rods for effecting simultaneous reciprocation of the same.

2,106,959

VALVE

George R. Brown, Shaker Heights, Ohio, assignor to The North American Manufacturing Company, Cleveland, Ohio, a corporation of Ohio

Application August 1, 1936, Serial No. 93,858
5 Claims. (Cl. 277—25)



1. A valve body having inlet and outlet ports, a valve rotatably mounted in said body to control flow between said ports and having a slot extending from an end into the zone of said ports, a curtain mounted in said slot for sliding adjustment endwise of the valve to control its orifice, said valve and curtain having opposed head parts, stop means mounted on said valve body adjustable endwise of said curtain adjacent its

head part, and compression spring means arranged between said head parts to yieldably bear said curtain against said stop means.

2,106,960

PROCESS FOR BREAKING PETROLEUM EMULSIONS

Melvin De Groote, University City, Bernhard Keiser, Webster Groves, Leonard L. Faure, Kirkwood, and Arthur F. Wirtel, Webster Groves, Mo., assignors to The Tret-O-Lite Company, Webster Groves, Mo., a corporation of Missouri

No Drawing. Original application March 16, 1936, Serial No. 69,222. Divided and this application March 15, 1937, Serial No. 130,894

4 Claims. (Cl. 196—4)

1. A process for breaking petroleum emulsions of the water-in-oil type, which consists in subjecting the emulsion to the action of a demulsifying agent comprising a cyclohexylamine salt of a poly-alkylated naphthalene sulfonic acid in which there are present at least two different alkyl groups, each one containing at least three carbon atoms and not more than ten carbon atoms.

2,106,961

PROCESS FOR BREAKING PETROLEUM EMULSIONS

Melvin De Groote, University City, Bernhard Keiser, Webster Groves, Leonard L. Faure, Kirkwood, and Arthur F. Wirtel, Webster Groves, Mo., assignors to The Tret-O-Lite Company, Webster Groves, Mo., a corporation of Missouri

No Drawing. Original application March 16, 1936, Serial No. 69,222. Divided and this application March 15, 1937, Serial No. 131,006

4 Claims. (Cl. 196—4)

1. A process for breaking petroleum emulsions of the water-in-oil type, which consists in subjecting the emulsion to the action of a demulsifying agent comprising a cyclohexylamine salt of an alkylated naphthalene mono-sulfonic acid, in which at least one alkyl group contains at least three carbon atoms and not more than ten carbon atoms.

2,106,962

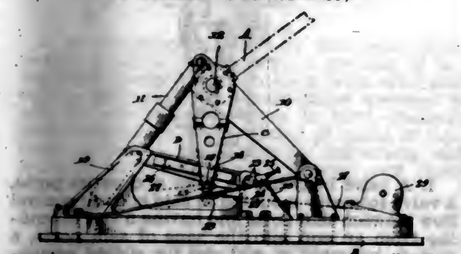
WINTER LANDING GEAR FOR AEROPLANES

Alan Ferrier, Ottawa, Ontario, Canada, assignor to Canadian Vickers Limited, Montreal, Quebec, Canada

Application July 8, 1937, Serial No. 152,637

In Canada February 27, 1937

9 Claims. (Cl. 244—108)



1. In winter landing gear for aeroplanes, skis mounted for pivotal movement in landing, a rigid member mounted on each ski adapted to move therewith and complementary rigid members mounted on the aeroplane, each adapted to cooperate with one of the rigid members on the ski, each pair of cooperating rigid members being designed to engage to lock the skis against pivotal movement and to disengage to permit pivotal movement of the skis responsive to predetermined relative movements between the aeroplane and skis.

2,106,963

METHOD OF HAIR WAVING

Gotthard Freudenberg, New York, N. Y., and Alfred Edmund Reimers, Harrington Park, N. J., assignors to The Nestle-Lemur Company, New York, N. Y., a corporation of Ohio

Application February 3, 1936, Serial No. 62,094

20 Claims. (Cl. 132—36)



1. A process of permanently waving women's hair which comprises selecting a strand of hair, clamping the strand closely adjacent the scalp, winding the strand upon a curling rod until wound up to the place of clamping, enclosing the wound up strand in a moistened pad, preheating two metal surfaces to a desired elevated temperature to cause several minutes steaming of the pad without additional heating, indicating when the surfaces have been heated and are being maintained at said desired temperature, and then clamping the pad between the previously heated metal surfaces.

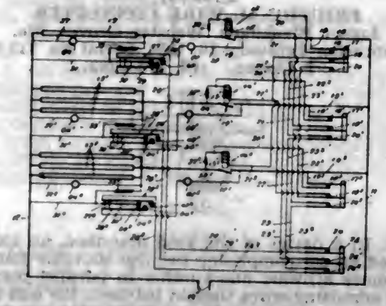
2,106,964

ELECTRICAL CIRCUIT FOR HAIR WAVING MACHINES

Gotthard Freudenberg, New York, N. Y., and Alfred Edmund Reimers, Harrington Park, N. J., assignors to The Nestle-Lemur Company, New York, N. Y., a corporation of Ohio

Application February 3, 1936, Serial No. 62,095

7 Claims. (Cl. 219—20)



1. An electrical control circuit for use in hair waving pre-heating machines comprising a plurality of resistance heaters, a plurality of main circuits one for each of said resistance heaters, a main switch in each of said circuits, a solenoid control for each of said main switches, manual means to energise said solenoids to close said main switches, thermostatic means to deenergise said solenoids and means to permit operation of only one main circuit at a time.

2,106,965

LATCH

Floyd E. Gray, Dayton, Ohio, assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware

Application February 19, 1934, Serial No. 711,832

Renewed June 4, 1937

13 Claims. (Cl. 292—74)



1. A door latch including a bolt, a stiff spring and a weak spring each normally applying force to said bolt for urging the bolt into engagement with a keeper, means for preventing compression of said weak spring by movement of said bolt, said means being arranged to permit movement of said bolt to thereby compress said stiff spring while effective for preventing compression of said weak spring, and means for releasing said first named means.

2,106,966

BUFFING OR POLISHING WHEEL

Elisha W. Hall, Soltuate, Mass.

Application January 29, 1937, Serial No. 122,925

4 Claims. (Cl. 51—193)



1. A buffing or polishing wheel comprising, in combination, a plurality of sections each comprising a plurality of plies of flexible sheet fabric stitched together, said sections being joined together by annular zones of flexible adhesive at areas separated in a radial direction by areas not joined by adhesive and having a considerable degree of flexibility in a radial direction under pressure applied to the periphery of the wheel.

2,106,967

BRAKE BEAM SAFETY CARRIER

Fred A. Hamilton, Topeka, Kans.

Application November 28, 1936, Serial No. 754,829

1 Claim. (Cl. 188—210)



Safety means of the character described comprising in combination with the spring plank of a railroad car truck, a brake beam carrier consisting of a pair of plank straddling straps arranged transversely of the spring plank and bent so as to provide an intermediate horizontal portion disposed flush with the top face of the plank and upwardly bent portions adapted to straddle the longitudinal edges of the spring plank and to depend therefrom, the depending ends of the straps in a plane beneath the plane of the bottom of the plank being provided with partly severed portions bent outwardly to form integral ledges and thereby provide rectangular slots, and angular bars disposed through the slots of both straps in contact with the bottom of the spring plank and immovably secured to said ledges, the ends of the bars being provided with bent lips.

2,106,968

TRUCK TRAILER COMBINATION

Irving H. Judd, Detroit, Mich., assignor to Whitehead & Kales Company, River Rouge, Mich., a corporation of Michigan

Original application December 4, 1933, Serial No. 700,923. Divided and this application May 7, 1934, Serial No. 724,335

12 Claims. (Cl. 280—33.1)



1. A truck-trailer combination comprising a trailer provided with a chassis frame, transversely extending axles at the forward and rear ends of said frame, a fifth wheel connection between said chassis frame and the forward axle, automobile carrying means on the chassis frame in rear of the fifth wheel connection, and a draft vehicle for the trailer connected thereto and having automobile carrying means extending over the fifth wheel connection to a point adjacent the automobile carrying means on the trailer and constructed in such a way that it may be loaded from the automobile carrying means on the trailer or from the ground.

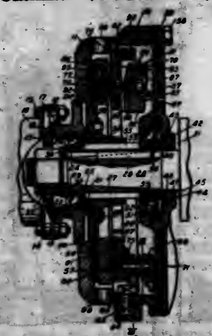
2,106,969

AUTOMATIC CLUTCH MECHANISM

Robert P. Lewis, Toledo, Ohio, assignor to Automatic Drive & Transmission Company, Gloucester City, N. J., a corporation of New Jersey

Application August 2, 1933, Serial No. 683,383

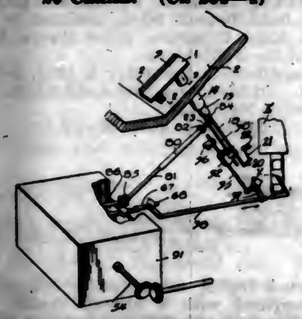
5 Claims. (Cl. 192—105)



1. In an automatic clutch mechanism, in subcombination, a driving member and a reaction member mounted for relative axial movement

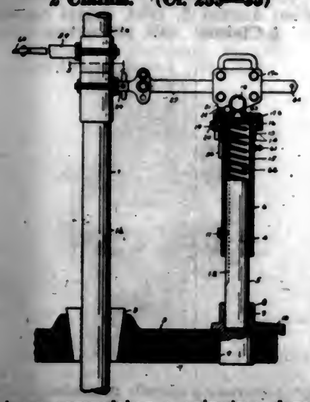
away from each other, levers journalled for oscillation in one of said members and adapted to force the said members away from each other when said levers are oscillated; speed responsive means for oscillating said levers when said members attain a predetermined speed; and means projecting from and integral with said reaction member and cooperating with said driving member for holding said levers under stress and tight in their journals when they are not under the influence of said speed responsive means.

2,108,970
SYSTEM OF SPEED REGULATION
Edward G. McKinney, Enid, Okla.
Application April 20, 1934, Serial No. 721,643
20 Claims. (Cl. 264—4)



1. In an apparatus of the character described, the combination of a vehicle engine, a fuel supply line thereto, a throttle valve in the fuel supply line, manual means operatively related to said throttle valve for actuating the same, automatic means operatively related to the throttle valve for actuating the same, and means for simultaneously rendering one of said means effective and the other means ineffective to actuate said valve, said last-named means including mechanism continuously adjusting the automatic means to speeds developed by said engine when said valve is actuated by said manual means.

2,108,971
TONG
Carl E. Olsen and Joseph A. Petersen, Houston, Tex.
Application May 15, 1936, Serial No. 79,906
2 Claims. (Cl. 255—35)



1. A tong comprising a gripping element and a handle, a relatively strong connecting element between said gripping element and said handle for transmitting operating force in one plane from said handle to said gripping element, and relatively frangible connecting means between said gripping element and handle for normally preventing relative vertical movement of said gripping element and handle, said last means being frangible to permit relative vertical movement of said gripping element and handle when predetermined vertical forces are applied tending to move said gripping element and handle relative to each other.

2,108,972
VEGETABLE SLICER
Arnold E. Orner, Readersville, Pa.
Application August 11, 1936, Serial No. 95,471
1 Claim. (Cl. 146—163)



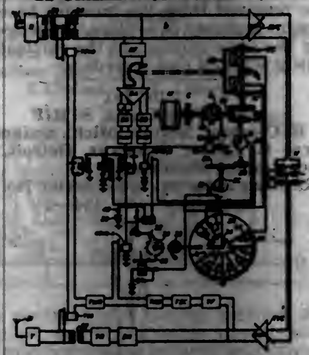
A vegetable slicing device comprising a body portion having horizontally extending plates lying in two vertically spaced planes and overlapping at their adjacent edge portions, a horizontal cutting blade carried by said overlapping edge portion of the uppermost plate, the overlapping edge portion of the lowermost plate having spaced slots extending at right angles to and terminating at their inner ends substantially in vertical alignment with the cutting edge of said horizontal blade, a plurality of rotary cutting blades positioned beneath the upper horizontal plate and rotating partly within said slots, said rotary blades being positioned relative to the edge of the horizontal cutting blade so as to act on the vegetable slice after it is cut by the horizontal blade, and a slide having surfaces cooperatively arranged with respect to said vertically spaced plates, said slide having a vegetable receiving opening in the portion cooperating with the uppermost plate and a plurality of transversely spaced, longitudinally extending fingers carried by the portion which cooperates with the lowermost plate and adapted, when the vegetable opening has passed by the horizontal cutting blade, to pass beneath the said horizontal blade and between the rotary cutting blades to effect completion of the cutting of the slice into strips and to free said strips from the spaces between said rotary blades.

2,108,973
PNEUMATIC TIRE
Donald Parkinson, Sutton Coldfield, England, assignor to Dunlop Tire and Rubber Corporation, a corporation of New York
Application November 5, 1936, Serial No. 109,253
In Great Britain September 2, 1935
5 Claims. (Cl. 152—18)



1. A pneumatic tire comprising a plurality of fabric casing plies, a tread superposed on said plies and having relatively thin side walls extending over said wall portions of said plies, an intermediate body of relatively soft cushion rubber vulcanized to the tread and casing plies, and a breaker strip of uniformly flexible rubber harder than that of the tread embedded in said cushion rubber below the tread portion of the tire, terminating short of the side walls of the tire and separating all of said plies from said tread.

2,108,974
TWO-WAY SIGNALING SYSTEM
Lionel Schott, East Orange, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York
Application November 20, 1936, Serial No. 111,933
11 Claims. (Cl. 178—44)



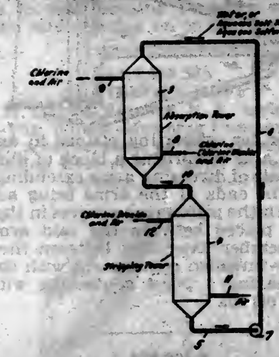
1. In a two-way telephone system having one path adapted for transmission in a receiving direction and a second path adapted for transmission in a transmitting direction, voice operated means connected to each of the paths for preventing transmission over one of the paths when transmission is being effected over the other, testing means connected to the receiving path and responsive proportionately to the static or noise energy in that path, and means operating from time to time in accordance with the energy indicated by said testing means to adjust the sensitivity of the voice operated means connected to the receiving path.

2,108,975
REINFORCING NUT
Henry Pierce Sorensen, Detroit, Mich.
Application March 18, 1936, Serial No. 69,633
1 Claim. (Cl. 85—32)



A nut adapted to be riveted to sheet material, said nut comprising a flat rectangular body having a central threaded hole and having a notch in each end, the material from the notches being bent up towards the center of the nut to form rivets projecting up from one face of the nut, the base of each rivet being surrounded on three sides by the flat body of the nut.

2,108,976
PRODUCTION OF CHLORINE DIOXIDE
George Paul Vincent, Niagara Falls, N. Y., assignor to The Mathieson Alkali Works, Inc., New York, N. Y., a corporation of Virginia
Application August 15, 1934, Serial No. 739,888
10 Claims. (Cl. 23—153)



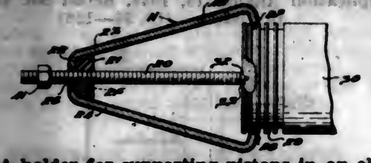
1. In the production of chlorine dioxide, the improvement which comprises separating chlorine dioxide from a gas mixture including chlorine and chlorine dioxide by selective absorption of the chlorine dioxide in aqueous sulfuric acid, and recovering chlorine dioxide from the absorption medium.

2,108,977
MEANS FOR COOLING AND FILTERING LIQUIDS
Marcel Vuilleume, Paris, France
Application March 21, 1936, Serial No. 70,115
In Germany March 25, 1935
7 Claims. (Cl. 123—196)



1. In combination with an engine having a liquid circulating system, a propeller driven by said engine and means located within said propeller for allowing circulation of said liquid within said engine and within the blades of said propeller and for centrifuging said liquid by utilising the centrifugal force set up by the rotation of said propeller when in operation, said means including separate supply and return passages leading from said engine to the hub of said propeller and thence lengthwise of the blades and approximately to the tips thereof and reservoirs located adjacent said tips in communication with said passages for collecting the sediment centrifugally separated from said liquids.

2,106,978
RACK
Fred A. Wales, Detroit, Mich.
Application November 20, 1935, Serial No. 50,647
8 Claims. (Cl. 204—5)



1. A holder for supporting pistons in an electrolytic bath and comprising a block of dielectric material, a pair of diverging arms extending from said block, the ends of the arms being adapted to engage with the piston ring grooves in the head of a piston placed between the said arms, an extensible member extending between the arms and in screw-threaded engagement with the said block and having a point contacting with the head of the piston.

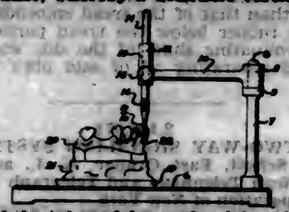
2,106,979
VALVE
Daniel D. Wills, Detroit, Mich., assignor to Detroit Lubricator Company, Detroit, Mich., a corporation of Michigan
Application July 9, 1935, Serial No. 30,439
6 Claims. (Cl. 137—139)



1. A device of the character described, comprising a body having inlet and outlet ports, a valve in said body for controlling flow of a fluid passing through the body from the inlet to the outlet port, said fluid passing from the inlet to the outlet exerting a force against the valve to retard movement of the valve in one direction, means for moving said valve in the opposite direction, duct means in open communication with said inlet for conveying the fluid to the other side of the valve to exert a force thereagainst whereby to retard movement of said valve in the opposite direction, and yieldable means acting to move said valve in one of said directions.

2,106,980
DENTAL MODEL SURVEYOR
Noble G. Wills, Connersville, Ind.
Application August 6, 1934, Serial No. 738,612
3 Claims. (Cl. 32—67)

2. In a dental instrument of the class described, a stationary base, an upright carried by said stationary base, an horizontal arm pivoted on said upright, a tool carried vertically by said horizontal arm for movement vertically and horizontally relative to the stationary base, a movable base carried upon said stationary base, a permanently plastic substance carried by said movable base for supporting a dental model and permitting substantially universal movement of said dental model at any time with respect to said movable base, whereby a desirable vertical angle



upon said dental model may be determined and recorded thereon and whereby said dental model may be removed from the movable base and the instrument and may be replaced thereupon at any time in the same relation to the vertical angle as previously selected and recorded.

2,106,981
MOLDED CORE STRIP
Edgar R. Creamer, Detroit, Mich., assignor to The George R. Carter Company, Detroit, Mich., a corporation of Michigan
Application June 14, 1935, Serial No. 26,644
3 Claims. (Cl. 154—2)



1. The method of making a molded core strip as a filler for trimming of the character described which embodies running a strip of paper and a cord concomitantly to contact through an adhesive bath, guiding them together thence to a drier and drying them so that they adhere to each other and become a unit, passing the unit through forming rolls and curling the edges of the paper inwardly over the cord and finally crushing the curled paper about the latter so that paper and cord constitute a homogeneous hard and bendable mass with the cord lying substantially centrally thereof.

2,106,982
APPARATUS FOR DEVELOPING FILM IN DAYLIGHT
John Eggert, Leipzig-Gohlis, and Fritz Luft, Leipzig, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
Application January 22, 1936, Serial No. 60,126
In Germany January 24, 1935
5 Claims. (Cl. 95—90)

1. An apparatus for developing dental film in day light which comprises a casing, a chamber

in said casing for a dental film pack encased in a protective paper strip, a further chamber below said first chamber and communicating therewith by a slot for allowing the transport of said films from said first into said second chamber, said casing having a slot in a wall thereof leading



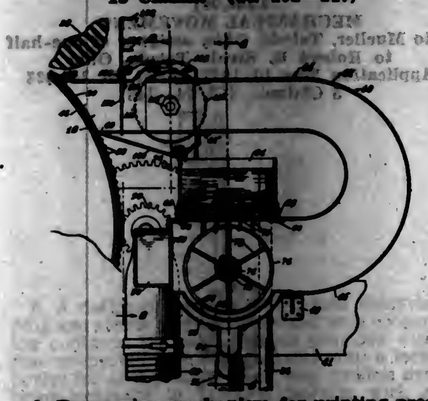
from said first chamber for the reception of said protective strip, means for excluding the entrance of light through said latter slot, said second chamber having an opening therein for the admission of a treating fluid and means for preventing entrance of light through said opening.

2,106,983
TELEPICTURE SYNCHRONIZING SYSTEM
William G. H. Finch, New York, N. Y.
Application May 11, 1936, Serial No. 78,903
6 Claims. (Cl. 178—68.5)



1. In a synchronizing system, a driven shaft; a driving shaft; gearing effecting a continuous mechanical interconnection between said driving and driven shafts; mechanism mechanically connected to and normally rotated with said gearing interconnection for independently controlling the rotation of said driven shaft without interrupting said continuous mechanical interconnection; and a synchronizing magnet responsive to cyclic synchronizing signals for cyclically arresting the rotation of said mechanism in the event said driven shaft is not in synchronism and until said driven shaft is in synchronous position.

2,106,984
DAMPENER FOR PRINTING PRESSES
Elmer C. Grunewald, Chicago, Ill.
Application August 29, 1936, Serial No. 98,451
15 Claims. (Cl. 101—147)



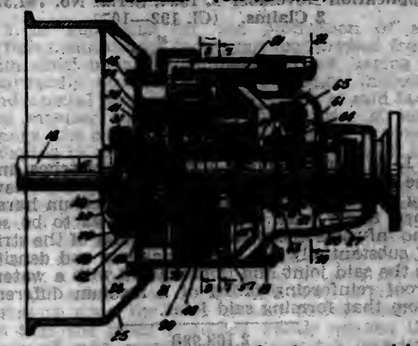
1. Dampening mechanism for printing presses and the like comprising a housing having an opening for confrontation with a press plate cylinder, means providing a water spray in said housing, a power driven propeller supported within the housing and having a plurality of apertured arms rotatable to intercept said sprays and break up the water into fine particles, together with means for moving air past said propeller means in said housing to carry said particles through said opening on to said cylinder.

2,106,985
FIBROUS BUFF
Louis M. Hague, Ramsen, N. J., assignor to Hansen-Van Winkle-Manning Company, Matawan, N. J., a corporation of New Jersey
Application December 2, 1936, Serial No. 113,768
1 Claim. (Cl. 51—193)



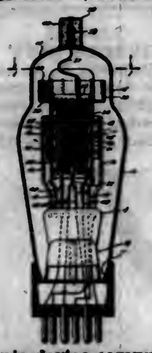
A buffing wheel composed of alternating layers of cloth and mats of felted sisal fibers stitched together, the sisal fibers being bound only by the cloth and stitches and their felted arrangement.

2,106,986
SYNCHRO SELECTIVE CONSTANT MESH TRANSMISSION
Gustav A. Klaue, East Rutherford, N. J., assignor to Diehl Corporation, New York, N. Y., a corporation of New York
Application June 12, 1935, Serial No. 26,111
13 Claims. (Cl. 74—259)



1. Power transmitting mechanism comprising, in combination, an inertia impulse transmitter having a torque characteristic such that at idling speed no appreciable torque is transmitted, a driving shaft driven by the transmitter, a driven shaft coaxial with the driving shaft, power transmitting means between the shafts including means to engage the driven shaft positively with the driving shaft, and means responsive to a relative movement between the driving and driven shafts to relieve surface pressure of the means which engage the driven and driving shafts.

2,106,967
SHOCK ABSORBER FOR THE ELEMENTS OF THERMIONIC TUBES
Walter Louis Krahl, Montclair, N. J., assignor, by mesne assignments, to Arcturus Development Company, Newark, N. J., a corporation of Delaware
Application February 13, 1932, Serial No. 656,490
27 Claims. (Cl. 250—27.5)



1. A thermionic device comprising an envelope, a press within said envelope and integral therewith, a support member within said envelope and having its lower end mounted upon said press, a plurality of adjustable mica elements, apd means to detachably secure said elements upon the upper end of said support member with said elements protruding outwardly so that their ends contact with the inner walls of said envelope, said elements lying in planes substantially parallel to the axis of the support member.

2,106,968
FRICTION MATERIAL AND METHOD OF FORMING SAME
James N. Longley, Chinley, England, assignor to Ferodo and Asbestos Inc., Ambler, Pa., a corporation of New York
Application November 3, 1934, Serial No. 751,321
2 Claims. (Cl. 192—107)



1. A lining member for brakes, clutches and the like comprising a strip in circular form having overlapping ends joined by a medium hardened under heat and pressure so as to be set and infusible and with the remainder of the strip of substantially the same thickness and density as the said joint and impregnated with a waterproof reinforcing filling of a medium different from that forming said joint.

2,106,969
ROTATION MECHANISM
Albert R. Mack, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a corporation of New Jersey
Application March 22, 1937, Serial No. 132,911
9 Claims. (Cl. 121—7)

1. Rotation mechanism, comprising a casing, a rotatable chuck member, a reciprocatory member on the outside of the rotatable chuck member, means on the members slidably interlocked with each other and being adapted to effect relative rotary movement between the members upon reciprocation of the reciprocatory member, and means for preventing rotational movement of the reciprocatory member during alternate



strokes thereof and thereby cause said reciprocatory member to impart rotary movement to the rotatable chuck member.

2,106,990
APPARATUS FOR THE CONTINUOUS SPLITTING OF FATS OR OILS
Emil Merlock, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y., a corporation of New York
Application July 6, 1936, Serial No. 89,137
In Germany January 15, 1935
2 Claims. (Cl. 87—4)



1. Apparatus for the continuous splitting of fats or oils comprising a horizontal autoclave of elongated form, intake and outlet openings at opposite ends of said autoclave to introduce liquid material to be treated thereinto and to remove treated material therefrom, a shaft rotatably mounted in said autoclave in the direction of the longitudinal axis thereof, a plurality of stirring devices spacedly mounted on said shaft, each of said stirring devices including a pump-like rotor body having intake ports in the central portion thereof and outlet ports in the peripheral portion thereof and being capable of causing powerful circulation of said material along a plurality of circular paths in a vertical plane, partition walls between said stirring devices restraining said material against displacement in the horisontal direction, and relatively small openings in said partition walls for transferring small quantities of liquid from each stirring device to the subsequent one in accordance with the admission of fresh liquid to be treated to the autoclave.

2,106,991
MECHANICAL MOVEMENT
Otto Mueller, Toledo, Ohio, assignor of one-half to Robert E. Strub, Toledo, Ohio
Application May 10, 1937, Serial No. 141,623
5 Claims. (Cl. 74—143)



1. Means to transform a reciprocating driving motion into a unidirectional motion which includes, a drive member, an ultimate driven member, two intermediate driven members separately connected to said ultimate driven member, and separate oppositely acting clutch means interposed between each of said intermediate driven members and said drive member.

2,106,992
DEVICE FOR CUTTING FRUIT INTO SECTORS
Neal Obenchain, Piedmont, W. Va.
Application August 12, 1936, Serial No. 95,837
1 Claim. (Cl. 146—180)



A device for cutting fruit into sectors comprising a circular cup-like receptacle built onto a flange-like base, said receptacle having upstanding walls with an inside depth substantially greater than one-half the inside diameter, the walls of the receptacle having radially arranged vertical slots intersecting at the center of the receptacle, the slots extending from the top to the bottom of said walls and being open at the top to receive a knife, a knife stop of soft material located in the bottom of the receptacle and centrally thereof, said base having a groove in its top surface adjacent to and encircling said receptacle and communicating with said slots.

2,106,993
CUT-OUT
Allan Ramsey, Evanston, Ill., assignor to Schweitzer & Conrad, Inc., Chicago, Ill., a corporation of Delaware
Application June 9, 1934, Serial No. 729,975
49 Claims. (Cl. 200—114)



5. A device of the class described comprising plug and socket members provided with cooperating contacts, the plug member provided with a fuse connected with said contacts, and a locking device for said plug member, said locking device being normally in released position with said plug in place in said socket and operable only at the instant required.

2,106,994
DYESTUFF PRINTING PASTE
Walter Reppe, Friedrich Hoelscher, and Alwin Schneeweigt, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application September 30, 1936, Serial No. 103,283. In Germany October 5, 1935
4 Claims. (Cl. 8—6)

1. Dyestuff printing pastes containing water-soluble interpolymerization products of a water-soluble vinyl ether and a water-insoluble vinyl ether as thickening agents.

2,106,995
ELECTRICAL CONDENSER
Samuel Ruben, New Rochelle, N. Y.
Application August 26, 1933, Serial No. 686,887
10 Claims. (Cl. 175—315)



1. A plasticised non-rigid conductive sheet spacer for electrolytic condensers comprising a flexible non-fibrous gelatine sheet of a thickness substantially not greater than .002", impregnated with a conductive electrolyte so as to afford a conductive path therethrough.

2,106,996
MEANS FOR PRODUCING A CAST ARTICLE WITH A FACING OF SHEET METAL
Ralph Dunstan Sansome, Birmingham, England, assignor of one-half to William Pilkington, Wylde Green, England
Application June 23, 1936, Serial No. 86,285
In Great Britain December 19, 1932
4 Claims. (Cl. 22—58)

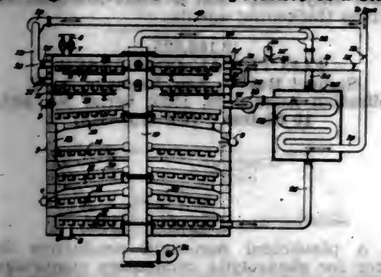


1. In apparatus for the production of an article comprising a facing member pressed from thin sheet metal, said facing member having a rearwardly directed peripheral flange thereon, and a metal body cast on to the back of said facing member and engaging the interior of said flange, the combination of a die having a recess adapted to receive said facing member with its front face towards the base of said recess, said recess being closely fitted by said facing member and deeper than the peripheral flange thereon, a second die shaped to fit into said recess, said second die being adapted on relative movement of said dies to enter and close the mouth of said recess, a projecting peg carried by said second die and adapted to engage and exert a positive pressure upon the back of said facing member so that the latter is forced tightly against the base of said recess, and means for injecting molten metal into said recess to form the body of the article.

2,106,997
INCINERATION OF WASTE MATERIALS
Frederick B. Schilling, Bayside, N. Y., assignor to Nichols Engineering & Research Corporation, a corporation of Delaware
Application September 14, 1936, Serial No. 100,610
8 Claims. (Cl. 110—12)

1. Process of drying and incinerating waste material to form an ash substantially free of or-

ganic matter and evolved gases free of noxious odor, which comprises passing such material successively through a plurality of zones, temporarily retaining said material in substantially horizontal layers at each of said zones while periodically agitating it and causing it to be broken into fine pieces and maintaining it in finely divided condition while advancing it through each zone and gradually from zone to zone, preliminarily warming the material in the first zone or zones, then drying the material in a succeeding zone or zones, then burning the material in a subsequent zone or zones, such drying and burning being conducted in the presence of a stream



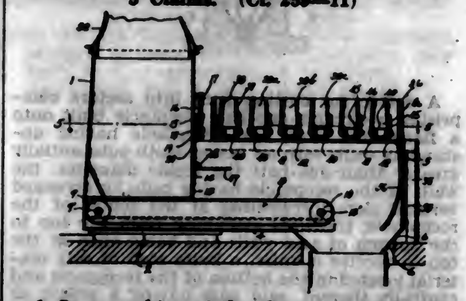
of preheated air passed countercurrent to the passage of the material and including gaseous products of combustion and vapor evolved from the drying and burning material, withdrawing said stream from a drying zone, then bringing such stream before any substantial cooling thereof, into heat exchanging relationship with a supply of air to provide said preheated air, thereafter absorbing further heat from said withdrawn stream by passing at least a substantial part thereof into contact with the material at said preliminary warming zone or zones, and then discharging such part from said warming zone or zones independently of said withdrawal of gases from the drying zone.

2,166,906
APPARATUS FOR FUSING AND SPRAYING PULVERIZED SUBSTANCES
Fritz Schori, Wetzikon, Switzerland
Application March 12, 1935, Serial No. 10,725
In Belgium March 12, 1934
12 Claims. (Cl. 91—12.2)



1. Coating apparatus comprising a flame-spraying device for fusible powder having passages therein to conduct and discharge the spray components, including a passage adapted for connection at its entrance end to a supply of air under pressure and having two branches separately leading to the point of flame discharge of the apparatus, fusible powder supply means associated with but one of said branches, and another passage separately leading to the point of flame discharge and adapted for connection to a combustible mixture supply.

2,166,980
MIXING MACHINE
Leslie J. Staley and Frank J. White, Seattle, Wash., assignors to Fisher Flouring Mills Co., a corporation of Washington
Application June 4, 1935, Serial No. 24,864
5 Claims. (Cl. 259—11)



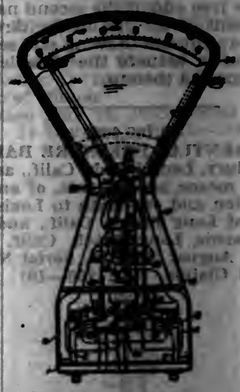
1. In a machine of the character described, a storage bin for a batch of flour, or the like, having a side opening, a continuous belt supporting the flour in the bin and operating through the side opening thereof for conveying the flour from the bin in a layer thereon to a point of delivery, a plurality of separate compartments arranged in succession along the belt and having individual dispensing means operable to deliver materials therefrom in successive layers onto the layer of flour as conveyed by the belt, and means for driving the first mentioned belt and for actuating the said dispensing means in synchronism therewith and for causing a time delay between the starting of the first mentioned belt and the dispensing means for the separate compartments.

2,169,000
METHOD OF MAKING SIGNS
Theron L. Waldo, Jr., Bath, N. Y.
Application March 3, 1936, Serial No. 66,899
1 Claim. (Cl. 41—39)



The method of forming a sign consisting of cutting a plank a predetermined length and width and smoothing faces of the plank, applying successive coats of shellac to the plank to provide smooth and highly polished surfaces for the plank and impart toughness to soft grain of the plank, washing the shellacked faces of the plank with naphtha gasoline to remove foreign matter, applying a sheet of stenciling material to a shellacked face of the plank before the gasoline has dried and thus soften the face of the stenciling sheet confronting the shellacked surface of the plank and cause the stenciling sheet to stick closely to the plank, outlining characters upon the outer face of the sheet of stenciling material and cutting through the stenciling material along outlines of the characters and removing surplus portions of the stenciling material, subjecting the plank to a sand-blast whereby portions of the plank except those covered by the stenciling material will have soft grain removed therefrom, applying a mixture of varnish stain and banana oil to the sand-blasted plank whereby the mixture of oil and varnish penetrates sand-blasted portions of the plank to fill pores of the wood and softens the stenciling material, removing the stenciling material, and coating the plank with lacquer.

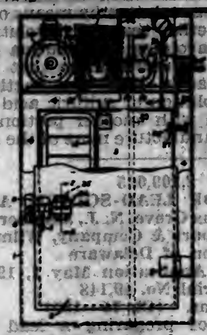
2,169,001
WEIGHING SCALE
Foster V. Waltz, Toledo, Ohio, assignor to Toledo Scale Manufacturing Company, Toledo, Ohio, a corporation of New Jersey
Application February 25, 1936, Serial No. 65,588
9 Claims. (Cl. 265—57)



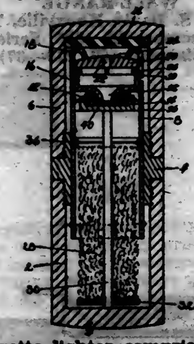
1. In a device of the class described, in combination, weighing mechanism comprising a lever, a load receiver mounted upon said lever, a load counterbalance, means for operatively connecting said lever and said load counterbalance, said connecting means comprising a rockably mounted means, metallic ribbons extending between said rockably mounted means and said lever, and between said rockably mounted means and said load counterbalance, and a metallic ribbon, secured to said rockably mounted means, having a weight suspended therefrom to substantially counterbalance the dead weight of said lever and said load receiver.

2,169,002
REFRIGERATOR
William W. Warren, Pittsburgh, Pa., assignor of one-half to Stanton C. Stimmel, Fox Chapel, Pa.
Application July 2, 1936, Serial No. 88,782
11 Claims. (Cl. 62—59)

1. In a refrigerator including a storage chamber, mechanical refrigerating apparatus, including a motor, for cooling such chamber, and a thermostat responsive to temperature in said chamber for controlling such apparatus, the combination of a pump driven by said motor for establishing a vacuum in said chamber, and means responsive to the pressure of the atmosphere in said chamber for controlling effective operation of said pump.



2,169,003
CIGARETTE LIGHTER
Archie M. Andrews, Greenwich, Conn.
Application August 17, 1934, Serial No. 740,363
8 Claims. (Cl. 67—7).



7. A cigarette lighter comprising a base portion, a sleeve telescopically connected with said base portion and relatively slidable, a cup structure secured to the upper end of the sleeve and having a disc of catalytic material enclosed in the upper portion thereof, means for holding said disc in place, said cup structure having a reduced nipple at the lower portion thereof and spaced downwardly from the disc for the passage of fuel to said disc, means of communication between the base portion and said nipple, a valve cooperating with the lower end of the nipple to close the same, and a coiled spring surrounding said nipple and interposed between said valve and nipple and bearing upwardly against the nipple.

2,169,004
SECONDARY ALCOHOL PRODUCTION
Francis M. Archibald, Elizabeth, and Helmuth G. Schneider, Roselle, N. J., assignors to Standard Alcohol Company
No Drawing. Application August 12, 1936, Serial No. 95,578
7 Claims. (Cl. 260—156)

1. A process for manufacturing an alcohol from an olefin which comprises contacting an olefin with an aqueous solution of sulfuric acid of 1% to 84% concentration and under a partial initial pressure of the olefin above 2 lbs. per square inch,

and a hydration temperature above 30° C., separating the aqueous solution of sulfuric acid, stripping the aqueous solution by means of steam of the alcohol and ether that are in solution and at the same time avoiding any dilution or concentration of the sulfuric acid so that it is of constant concentration and recontacting the residual aqueous solution of sulfuric acid of 1 to 84% concentration with another portion of the olefin to further manufacture more of the alcohol.

2,109,005

PREPARATION OF LEAD-SODIUM ALLOYS

Louis S. Bake, Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application May 1, 1935, Serial No. 19,143

5 Claims. (Cl. 75—135)

1. The process of preparing a lead monosodium alloy which comprises cooling the molten alloy to a temperature below that at which particles of the alloy tend to adhere to each other and stirring the mass during such cooling, the entire operation being carried out in the absence of moisture and oxygen.

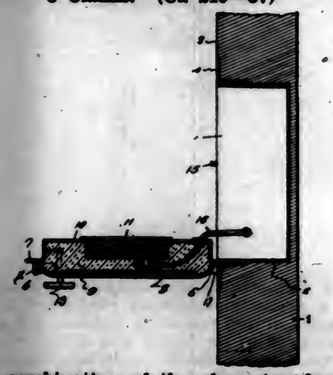
2,109,006

WALL RANGE

William S. Davis, Knoxville, Tenn.

Application December 18, 1935, Serial No. 55,105

3 Claims. (Cl. 219—37)



2. A combination of the character described comprising a cabinet, a closure for the front of said cabinet and hingedly secured thereto along one of its longer edges, a flange encircling said closure, a switch mounted in said cabinet and having a plunger projecting outwardly therefrom for breaking contact by engagement with said flange when the closure is in closed position, a second switch positioned on the outer face of said closure and adjacent said flange, an electrical heating unit mounted on the inner face of said closure and controlled by said switches, and means for maintaining said closure in inoperative position.

2,109,007

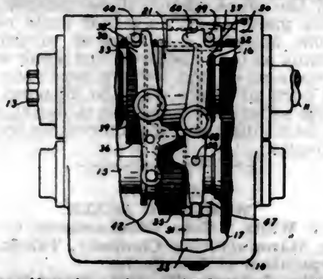
TRANSMISSION

Carl W. Fleas, Detroit, Mich.

Application September 27, 1935, Serial No. 42,497

4 Claims. (Cl. 74—473)

1. Mechanism for shifting gears in a variable speed transmission comprising, a shift rail supported for axial sliding movement in opposite directions, a lever supported intermediate its ends for swinging movement and having one end operatively connected to a sliding gear in the transmission, a second lever supported for swinging movement intermediate its ends and also having one end operatively connected to a sliding gear in the transmission, an abutment on said shift rail positioned for engagement with the free end of the first lever upon movement of the rail in



one direction to swing said lever in a direction to actuate the slidable gear connected thereto, and a second abutment on said shift rail engageable with the free end of the second named lever upon movement of the rail in the direction opposite the one aforesaid to swing said second lever in a direction to actuate the slidable gear operatively connected thereto.

2,109,008

DIFFERENTIAL PRESSURE BAILER

William J. Flury, Long Beach, Calif., assignor, by direct and mesne assignments, of one-sixth to Frank Halfen and one-sixth to Louis P. Brandel, both of Long Beach, Calif., and one-half to Paul Cavins, Long Beach, Calif.

Application August 26, 1935, Serial No. 37,794

8 Claims. (Cl. 166—19)



1. In a bailer, the combination of: a lower tube member having an inwardly opening check valve in the bottom thereof; an upper tube member telescoping into the top of said lower tube; a downwardly facing shoulder in said lower tube forming a valve seat; a valve member secured to the bottom of said upper tube and adapted to be engaged by said seat, the bottom of said upper tube member above said valve being ported to provide communication between said upper and lower tubes when said valve member and said valve seat are out of engagement; and an automatic check valve in said upper tube adapted to establish communication between said upper and lower tubes when the pressure in the upper tube exceeds the pressure in the lower tube.

2,109,009

CELLULAR FORM FOR EMBEDMENT IN CONCRETE CONSTRUCTION

Homer M. Hadley, Seattle, Wash.

Application May 29, 1937, Serial No. 145,594

21 Claims. (Cl. 72—48)



1. In a cellular form for embedment in concrete, the combination of a diaphragm wall, a plurality of stringers extending through said diaphragm wall adjacent the outer periphery thereof, side walls for the cell mounted on the outer faces of said stringers, a pair of side stringers located at opposite ends of the diaphragm wall, and means for connecting the side stringers and the diaphragm wall.

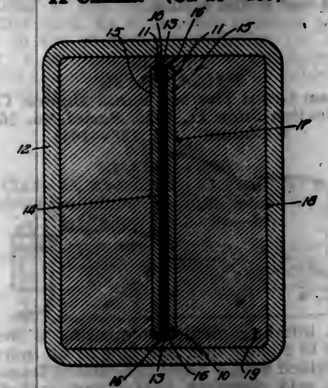
2,109,010

METHOD OF MAKING LAMINATED METAL BLANKS

Stephen L. Ingersoll, Chicago, Ill., assignor to Borg-Warner Corporation, Chicago, Ill., a corporation of Illinois

Application May 16, 1935, Serial No. 21,793

11 Claims. (Cl. 29—189)



4. The method of making laminated metal blanks, comprising the steps of forming a metal insert including an envelope having opposed side walls of a selected metal separated by a weld-preventing substance, and a slab of a different metal joined to a side wall of said envelope, forming an ingot by pouring a body of molten metal about said insert, the thickness of the selected metal adjacent the slab being less than, but the thickness of said insert at each side of said substance being at least equal to, the critical percentage of the perpendicular distance between said substance and the corresponding outer surface of said ingot to prevent breakdown of said substance by the heat from said molten metal.

2,109,011

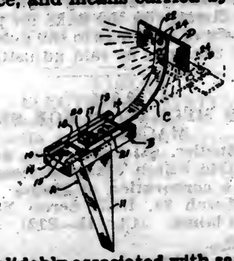
NIGHT ROAD MARKER

James J. Joyce, Portsmouth, N. H.

Application March 2, 1936, Serial No. 66,764

4 Claims. (Cl. 33—79)

3. A road marker comprising a base including an elongate surface, an elongate normally arcuate spring, a reflector plate fixed to one end portion of the spring, the other end portion of the spring being positioned longitudinally of said surface with the convex side of the last-named end portion facing said surface, said convex side having a contour differing from the contour of said surface, and means carried by the base and



relatively slidably associated with said last-named end portion of the spring, engaging and flexing a variable length of said last named end portion against the surface so that the effective length of the spring may be varied, whereby the angular relation of the reflector with respect to the base may be varied.

2,109,012

ACOUSTICAL DEVICE

Athel Ernest Neville Lawrance, Johannesburg, Transvaal, Union of South Africa

Application February 27, 1936, Serial No. 66,100

8 Claims. (Cl. 181—0.5)



1. An acoustical device comprising a sound channel the wall of which progressively varies in thickness around its cross-sectional periphery, thereby providing a progressive variation in stiffness around the cross-sectional periphery of the device.

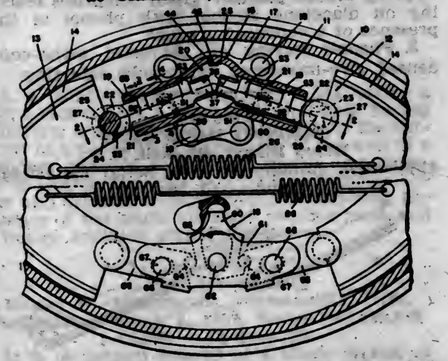
2,109,013

BRAKE MECHANISM

Frank L. Main, Birmingham, and Charles A. Sawtelle, Detroit, Mich., assignors to Kelsey-Hayes Wheel Company, Detroit, Mich., a corporation of Delaware

Application June 29, 1936, Serial No. 88,004

19 Claims. (Cl. 188—79.5)



1. In a brake mechanism, the combination with a brake drum and brake shoes engageable with

said drum and having spaced ends, of an adjustment anchor device for said shoes located between said ends, said device comprising adjustment links having the outer ends operatively connected to the ends aforesaid of the shoes, means engageable with the inner ends of the links for adjusting the latter, guides loosely receiving said links, and means acting directly on the links for preventing tilting movement of the links in the guides during adjustment of the links by said adjusting means.

2,109,014
TOP FEED MECHANISM FOR SEWING MACHINES

Charles W. Mueller, St. Louis, Mo., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo., a corporation of Maine

Application March 24, 1937, Serial No. 132,854
4 Claims. (Cl. 112—212)



1. A 4-motion top feed mechanism for sewing machines comprising a frame arm, a drive shaft extending across the rear end of the arm, a feed lever extending longitudinally of the arm, an adjustable eccentric fixed to the shaft and having operative connection with the rear end of the lever, a feed dog mounted on the front end of the lever, and a vertically disposed supporting link between the lever and the arm and bodily shiftable towards or from the shaft from one operating position to another.

2,109,015
POLYCYCLIC PHENOLIC CONDENSATION PRODUCTS

Joseph B. Niederl and Victor Niederl, New York, N. Y.

No Drawing. Application July 5, 1935, Serial No. 29,918
6 Claims. (Cl. 260—154)

1. The process of preparing 1,3,3-trimethyl-6-hydroxy indane which comprises reacting on 2-methyl-pentane-diol-2,4 with phenol in the presence of a condensing agent.

2. The process of preparing 1,1,3-trimethyl-5-hydroxy indene polymer which comprises reacting on diacetone alcohol with phenol in the presence of a condensing agent.

3. Phenols having an alkylated ortho-condensed, five-membered carbocyclic side ring.

2,109,016
CAMPING IMPLEMENT

Henry Ringer, Bloadell, N. Y.

Application January 23, 1937, Serial No. 122,045
1 Claim. (Cl. 30—143)

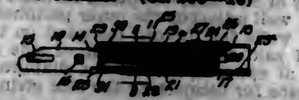


An implement for the purpose described including as companion separable parts, a knife and a fork, each having a handle formed with a chamber, whereby as said parts are assembled the tines of said fork enter the chamber in the handle of said knife while the blade of said knife enters the chamber in the handle of said fork, at least one of the said handles having a section which may be removed to provide access to the chamber in said handle.

2,109,017
MAGAZINE FOR RAZOR BLADES

Octavius V. Rodrigues, Passaic, N. J., assignor to Magazine Repeating Razor Company, New York, N. Y., a corporation of New Jersey

Application October 10, 1936, Serial No. 104,864
5 Claims. (Cl. 206—16)



1. A blade magazine for use with razors, comprising a barrel adapted to contain a blade holder, said barrel comprising a casing of channel section with the edges of the channel inturned leaving a gap between them and a cover plate affixed to said casing and serving as a closure for said gap, a permanent closure for one end of the casing, and a lug projecting inwardly from a wall of the casing and positioned to obstruct movement of the blade holder toward the opposite end of the casing.

2,109,018
FACIAL MASK

William Grant Thurber, Santa Monica, Calif.

Application June 11, 1935, Serial No. 26,058
2 Claims. (Cl. 128—164)



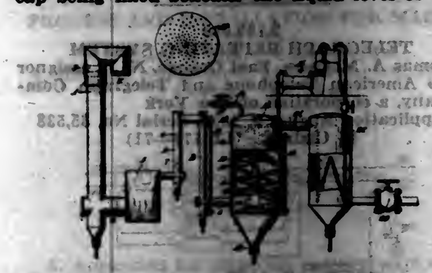
1. An inhaling means comprising a member adapted to engage over the face of an individual and provided with a nasal chamber, a frame carried by said chamber, said frame including a plate, pairs of guide members secured to said plate and extending below one edge thereof, that portion of the guide members below said plate defining a pair of openings providing communication between said chamber and the atmosphere, a pair of flap valves disposed one between each pair of guide members, trunnions carried by said valves and engaging said guide members to slidably and swingably support said valves within said frame, said plate holding said valves against swinging movement when said valves are raised within said guide members to an inoperative position behind said plate, into said chamber and means for discharging a vapor.

2,109,019
APPARATUS FOR CONDITIONING AIR

Felix F. von Wiesensky, New York, N. Y.

Application January 15, 1936, Serial No. 59,325
3 Claims. (Cl. 261—124)

1. In an air-conditioner, the combination of an air-propelling means; a conduit for the air stream running from the propelling means into a closed tank; in the air conduit a filtering device which embraces a foraminous layer of an inorganic material in a substantially filamentous form and in which chemically acting substances can be held for abating foreign substances from the air stream; a closed tank for a washing liquid in which the air conduit terminates with a perforated nozzle; above the perforated nozzle, a perforated cap which is preferably of wider extent than the perforated nozzle, the perforated cap being fixed beneath the liquid level of the

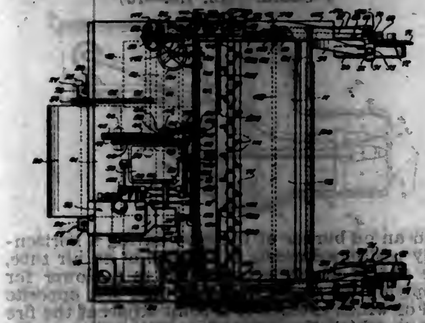


tank and so that the air stream which issues through the perforated nozzle impinges against the fixed perforated cap at a distance suitable for dissociating the foreign substances from the air; a closed pipe system running between the washing tank and an auxiliary installation for circulating a non-volatile temperature-adjusting liquid such as a calcium chloride solution chilled in the auxiliary installation for cooling the air; a conduit carrying the conditioned air from the closed tank to the interior which is to be air-conditioned.

2,109,020
ROAD PAVER

Clyde G. Abernathy, Roswell, N. Y.

Application September 21, 1934, Serial No. 744,923
21 Claims. (Cl. 94—44)

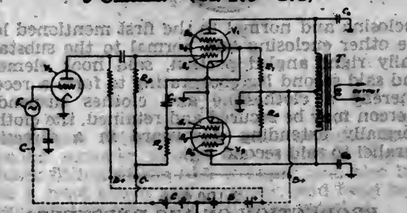


1. In a road paver of the character described, a carriage, means for movably supporting the front end of said carriage and arranged to ride on the relatively rough surface to be paved, means intermediate the front and rear ends of said carriage for depositing an excess of paving material on the surface to be paved, means for cutting off said excess to provide a smooth graded layer, means for adjusting the elevation of said last means relative to said carriage to adjust the thickness of the layer of surfacing material being laid, and means for movably supporting the rear end of the carriage comprising a plurality of rollers adapted to traverse and roll the full width of the strip laid by said depositing means, said rollers being arranged one in advance of the other so that their paths overlap, and spring means interposed between at least one of said rollers and the frame whereby both of said rollers are at all times in contact with the finished surface and the level of the finished surface is determined by the differential in height between the means supporting the front end of the carriage and said rollers.

2,109,021
ELECTRICAL SYSTEM

Edwin L. Clark, Collingswood, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa., a corporation of Delaware

Application March 23, 1936, Serial No. 70,595
9 Claims. (Cl. 179—171)

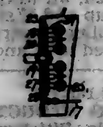


1. In an electrical system, a pair of space discharge devices, each having a cathode, an anode and a control element, and at least one of said devices having an auxiliary element, the control element of said one device being disposed between the cathode and the auxiliary element of said device, an output circuit comprising a winding and means for connecting one end of said winding to one anode and the other end of said winding to the other anode, another circuit, independent of said output circuit, for the auxiliary element of said one device, means for applying an input signal to the input of said one device, means for deriving a signal voltage from said auxiliary element circuit, and means for applying said last-named signal voltage to the input of the other of said devices.

2,109,022
PAINT SOFTENING TOOL

Leo A. Daniels, Collinsville, Conn.

Application August 13, 1936, Serial No. 95,872
7 Claims. (Cl. 219—29)



1. A paint softener comprising a box having a top, a closed back, a front edge, and ends having relatively angularly disposed edges to fit the surfaces of a plurality of clapboards of the wall of a building disposed in different planes and thereby to enclose the edge of a clapboard within the box and exposed to heat simultaneously with the surface of the board on which the box rests, and a heater enclosed within the box.

2,109,023
CLOTHESPIN

Daniel W. Hilderbrant, Farmersville, Calif.

Application March 4, 1937, Serial No. 129,939
1 Claim. (Cl. 24—139)

In a clothespin formed of a single strand of resilient wire, a coil intermediate the ends thereof, two substantially parallel legs extending from

opposite ends of said coil, a substantially right angled portion extending from the end of one leg toward and beyond the other leg, said substantially right angled portion having at its end a return bend extending toward the coil forming a hook element, said second mentioned leg having at its end a guide comprising two loops, one



enclosing and normal to the first mentioned leg, the other enclosing and normal to the substantially right angled portion, said hook element and said second leg cooperating to form a recess whereby a clothesline and clothes suspended thereon may be secured and retained, the clothes normally extending downward in a direction parallel to said second leg.

2,109,024

PRODUCTION OF AZO DYESTUFFS

Karl Holzach, Carl Winter, and Bernd v. Beck, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

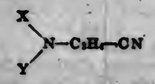
No Drawing. Application March 21, 1935, Serial No. 12,128. In Germany March 22, 1934

5 Claims. (Cl. 260—96)

5. Azo dyestuffs corresponding to the general formula:

A—N=N—B

in which A stands for a radical of the benzene series having a nitro group in para-position to the azo group, the radical being free from sulfonic and carboxylic acid groups, and B stands for the radical of a compound free from sulfonic and carboxylic acid groups and corresponding to the general formula:



in which X stands for a member of the group consisting of hydrogen, an arkyl, hydroxy-alkyl aryl, and aralkyl group and Y stands for an aryl group capable of coupling in para-position to the nitrogen atom attached to X and Y.

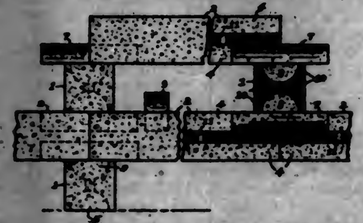
2,109,025

CRIBBING STRUCTURE

Richard Irvin, Pittsburgh, Pa.

Application December 7, 1936, Serial No. 114,661

4 Claims. (Cl. 61—47)



1. In a cribbing structure, the combination of a pair of stringer beams having their adjacent ends abutted against each other, a header beam disposed at right angles to said stringer beams and having an end thereof overlapping the abutting ends of said stringer beams, said beams being constructed of reenforced concrete and being provided with longitudinally extending grooves, said grooves having apertures extending through the bottoms thereof, and a T-shaped key block engaged in respective grooves for locking the adjacent ends of said stringer and header beams together.

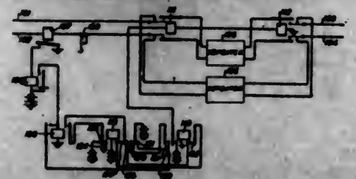
2,109,026

TELEGRAPH REPEATING SYSTEM

Thomas A. McCann, East Orange, N. J., assignor to American Telephone and Telegraph Company, a corporation of New York

Application August 9, 1935, Serial No. 35,538

14 Claims. (Cl. 178—71)



1. A telegraph repeater station connected between two line sections and comprising a line relay responsive to signals from both line sections, switching relay means for changing said repeater station alternately from one to the other of two transmission conditions, and relay means responsive to the reception of special switching signals by said line relay to operate said switching relay means.

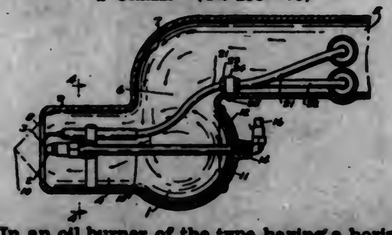
2,109,027

OIL BURNER

Edward J. McCullough, New York, N. Y.

Application March 25, 1937, Serial No. 132,930

1 Claim. (Cl. 158—76)



In an oil burner of the type having a horisontally positioned nozzle at the end of an air tube, one end of which is connected to a blower for supplying air under pressure, and the opposite end of which extends to a point adjacent the fire and in which the nozzle is positioned, and also in which said air tube is offset providing two sections the axes of which are parallel, and with the axis of the section connected to the blower above the axis of the section in which the nozzle is located; a ball-shaped casing positioned at the rear of the section in which the nozzle is located provided with an opening communicating with said section, and also provided with an opening in the upper side thereof communicating with the upper air supply tube section, the wall of said upper section of the said air tube terminating at a point corresponding with and tangent to the periphery of the said ball-shaped

casing on the side adjacent the nozzle, and shaped to direct air currents passing through said casing downward at the front and sides of said ball-shaped casing, and then outward through the section in which the nozzle is placed, the air passing around the inner surface of the said ball-shaped casing, and passing through the current of air passing downward therein and across the first named opening from the upper section of said air tube.

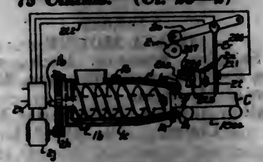
2,109,028

PROCESS AND INSTALLATION FOR MAKING POTTERY

William J. Miller, Swissvale, Pa.

Application November 4, 1931, Serial No. 573,017

75 Claims. (Cl. 25—2)



5. Apparatus for jiggering pottery ware comprising a machine for extruding heated clay slugs of predetermined form and dimensions, supports for receiving the slugs, slug advancing means, means for depositing slugs from the extruding means onto the slug advancing means, a charge segregating device to which each slug is advanced by the feeder, a jiggering unit, a movable mold support, and means for applying the segregated charges to the mold while the clay and the mold are at substantially equal temperature.

2,109,029

IGNITION APPARATUS

Edward B. Newesielski, Bloomfield, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey

Application January 18, 1937, Serial No. 121,216

5 Claims. (Cl. 123—169)



1. In a spark plug having a central spindle surrounded by a stack of insulating discs, and an enclosing shell, the combination with said discs, spindle and shell of metallic means extending through apertures in said discs for facilitating rapid transfer of heat from said discs to said shell.

2,109,030

IGNITION APPARATUS

Edward B. Newesielski, Bloomfield, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey

Original application July 2, 1935, Serial No. 29,530. Divided and this application January 18, 1937, Serial No. 121,217

9 Claims. (Cl. 123—169)

1. In a spark plug having a central spindle, a wrapper of insulating material around the spindle, a stack of insulating discs surrounding said wrapper, and means for enclosing and protecting the upper edges of said wrapper, said means including a stack retaining member having a tapered bore fitting around said wrapper, and a second member having an externally tapered shank fitting within said wrapper, and also having a head above said wrapper, said head being supported by said stack retaining member.



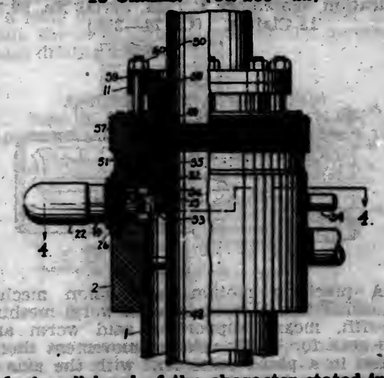
2,109,031

FULL HOLE CASING OR TUBING HEAD

James Conn O'Neal, Beaumont, Tex., assignor to Gulf Coast Machine & Supply Company, a corporation

Application July 16, 1936, Serial No. 90,831

13 Claims. (Cl. 285—22)



1. A well head of the character stated including a tubular body threaded to engage a casing and having a full hole cylindrical interior, means at the upper end thereof for attachment to control equipment, an interior annular groove, supporting dogs housed in said groove, said dogs being linked together, and means operable from the exterior of said body to move said dogs to and from position projecting into said cylindrical interior to form a support for an inner pipe.

2,109,032

TOWEL RACK

Walter H. Fleiss, Ludington, Mich.

Application November 23, 1936, Serial No. 112,218

8 Claims. (Cl. 211—106)

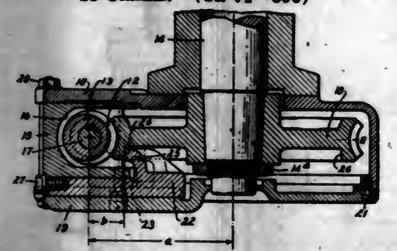
1. A towel rack comprising, a vertically positioned support adapted to be attached to a wall,

a towel rod support comprising an upper horizontal section, a downwardly and forwardly inclined section extending from the edges of said segmental section and a horizontal ledge extending from the lower edge of the inclined section, said inclined section having spaced apart bar receiving openings therein, hooks integral with and struck from said inclined section in a down-



ward and rearward direction, one at each side of each of said bar receiving openings, thereby providing pin passing openings one at each side of each bar receiving opening, and bars passing through said bar receiving openings each having a pin extending transversely through its inner end and projecting beyond the sides of the bar and located back of said hooks, as specified.

2,100,033
PRECISION MOTION-TRANSMISSION MECHANISM
Stafford M. Ransome, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a corporation of Illinois
Application September 3, 1936, Serial No. 99,708
13 Claims. (Cl. 74—396)



1. A precision motion-transmission mechanism comprising a worm gear, a worm meshing therewith, means supporting said worm and worm gear for bodily relative movement therebetween in a plane coincident with the axis of said worm and transverse to the axis of said worm gear, and means for rigidly and positively maintaining the mating toothed surfaces of said worm and worm gear in engagement with an exact and predetermined working clearance therebetween irrespective of said bodily movement.

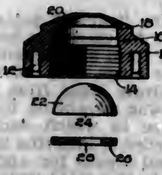
2,100,034
HANDLE AND LOCKING MEMBER FOR PASTEBOARD CONTAINERS AND THE LIKE
Morton Elias Seifer, New York, N. Y., assignor, by mesne assignments, to Stanley Patents, Inc., a corporation of New York
Application September 23, 1934, Serial No. 746,180
3 Claims. (Cl. 229—52)

2. A handle of the kind indicated comprising a blank constituting a main portion, an auxiliary portion superimposed thereon, the main portion and the auxiliary portion being formed with tapering-shaped heads and the main portion being



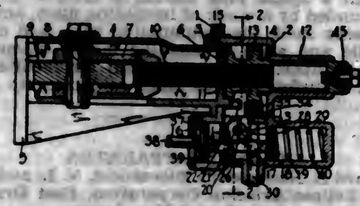
formed with lateral wings foldable down against the auxiliary portion, the heads being of greater width than the main portion at their points of juncture with the latter to provide shoulders.

2,100,035
JEWEL MOUNT
John V. Schafer, Bronson, Mich., assignor to Bronson Reel Company, Bronson, Mich., a corporation of Michigan
Application July 29, 1935, Serial No. 33,740
3 Claims. (Cl. 308—163)



1. A jewel thrust bearing comprising: a jewel proper having a working surface and a convex surface, facing in opposite directions; a main annular support having a bore adapted to receive the entire jewel, and a conical lip at one end of said bore; said lip fitting said convex surface and being in the condition of internal stress resulting from being bulged out by axial thrust to fit said convex surface; and an annular retaining ring abutting the outer portion of said working surface; said ring being of greater diameter than said bore; said support having an enlarged bore fitting said ring; and an annular abutment shoulder joining said large and small bores.

2,100,036
AUTOMATIC SLACK ADJUSTER
Francis E. Schwentler, St. Louis, Mo., assignor to The American Brake Company, Wilmerding, Pa., a corporation of Missouri
Application November 10, 1936, Serial No. 110,110
9 Claims. (Cl. 188—203)



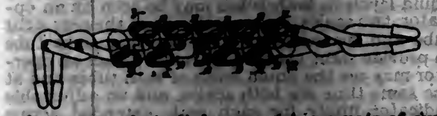
1. In an automatic slack adjuster for brake rigging, in combination, a ratchet nut for taking up slack, a pawl operative to actuate said nut, a rack movable in the direction of its length for actuating said pawl, a pinion operative to actuate said rack, and means for actuating said pinion.

2,100,037
AUTOMATIC SLACK ADJUSTER
Francis E. Schwentler, St. Louis, Mo., assignor to The American Brake Company, Wilmerding, Pa., a corporation of Missouri
Application November 17, 1936, Serial No. 111,231
12 Claims. (Cl. 188—203)



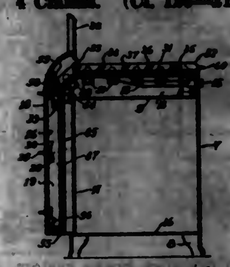
1. In an automatic slack adjuster, in combination, a longitudinally movable slack take-up element, a rotatable adjusting nut for actuating said slack take-up element, and a fluid pressure controlled motor for actuating said adjusting nut, said motor being arranged so that the longitudinal axis thereof intersects the longitudinal axis of the adjusting nut at right angles, said motor extending from one side of the nut to the other and said nut extending through operating portions of said motor.

2,100,038
CROSS CHAIN
Henry St. Pierre, Worcester, Mass.
Application May 5, 1936, Serial No. 78,571
4 Claims. (Cl. 152—14)



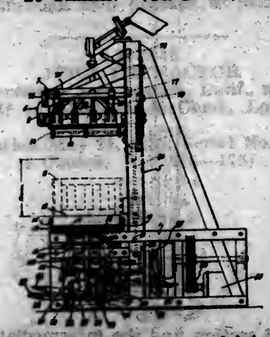
1. A cross chain link comprising a pair of cups on the ground engaging surface of the link, an arm extending in opposite slanting directions from each cup and constituting the tire engaging surface, said arms being flattened to prevent wear on the tire, and arms connecting the first named arms to the opposite cup.

2,100,039
STOVE TOP
Howard H. Turner, Hawthorne, Calif., assignor of one-half to Ernest F. Larsen, Inglewood, Calif.
Application February 10, 1936, Serial No. 63,117
4 Claims. (Cl. 126—214)



2. In a gas or electric stove having a burner or heater area, a track leading along and away from said area, a top comprising hollow sections hinged to one another, the top movable on said track from a closed position over the burner or heater area to an open position with respect to said area, and roller carriages mounted within the hollow portions of the sections, and having rollers within said hollow portions, movable on the track.

2,100,040
BOX PRESS
Herbert E. Twomley, Riverside, Calif., assignor, by mesne assignments, to Food Machinery Corporation, a corporation of Delaware
Application August 10, 1935, Serial No. 35,665
10 Claims. (Cl. 1—10)



1. In a power transmission, a driving member movable through a predetermined distance, a driven member, a lever, means connecting one end of said lever to said driven member, means connecting an intermediate point of said lever to said driving member, guide means engaging the opposite end of said lever to form a fulcrum about which said lever is rotated during a portion of the movement of said driving member and forming a slide bearing along which said lever slides during the remaining portion of the movement of said driving member.

2,100,041
AMUSEMENT APPARATUS
John N. Bartlett, Tonawanda, N. Y.
Application January 10, 1935, Serial No. 1,189
6 Claims. (Cl. 104—68)

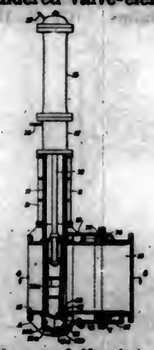


1. An amusement apparatus, comprising a revolvable, substantially circular trackway including a horizontal central section and an inclined outer section, individual, motor-driven passenger carriers adapted to freely traverse said trackway in the direction of its rotation, steering caster wheels mounted on each carrier, yieldable means tending constantly to urge said wheels to a position to steer the carrier in a straight course, and passenger-controlled steering means operatively connected to said caster wheels.

2,100,042
GATE VALVE
Clifford W. Bennett and Byron H. Staats, Denver, Colo.
Application June 17, 1935, Serial No. 27,032
4 Claims. (Cl. 251—167)

1. A gate valve comprising a housing formed of a plurality of hollow sections joined in end-to-end arrangement and providing a fluid passage, a control chamber transverse of the fluid passage and

extending beyond the housing at a side thereof, a gate leaf in the chamber movable in and out of passage closing position, one section at a side of the chamber being of lesser internal diameter than the other sections, the intermediate section having an inner, annular flange of greater internal diameter than the first-mentioned section, and a third section being of substantially the same internal diameter as the flange, a tubular, externally-shouldered valve-element in the last-



mentioned section and the intermediate section, having an internal diameter corresponding to the section of lesser diameter and movable lengthwise of the passage into abutting relation with said section when the gate leaf is outside the fluid passage, the outer wall of the intermediate section engaging the shoulder on the valve-element and acting as a cylinder therefor, and means to admit a pressure fluid into said cylinder for moving the valve-element along the passage.

2,109,943

DOOR THRESHOLD

Cecil B. Davis, Kingman, Ariz.

Application September 12, 1935, Serial No. 41,076

4 Claims. (Cl. 20—67)



1. In a device of the kind described for mounting upon a conventional assembly of upright door frame and door hingedly mounted therein for horizontal movement, there being a groove formed along the bottom edge of the door, the groove being expanded laterally at spaced intervals to form spring seats, a mounting strip secured along the bottom edge of the door partially over the forward portion of the groove, an upstanding rib extending along the mounting strip and within the said groove of the door, a threshold strip disposable in a raised position in substantial parallelism with the mounting strip and disposable in a lowered position, the threshold strip being formed with a U-shaped roll along its predetermined rear edge with the bight of the roll extended into the door groove over the rear edge of the mounting strip and having a bearing thereon, bow-springs mounted freely within the spring seats of the door groove and engaging at their ends the said rib and roll of the mounting and threshold strips, the spring ends in engagement with the roll being below the other spring ends when the strips are in substantial parallelism and so disposed that the springs will be moved so that their bias is reversible, to hold the threshold strip in either the raised or lowered position, means for lowering the threshold strip as the door is closed, and separate means for raising the threshold strip as the door is opened, the said threshold strip fulcruming upon the rear edge of the mounting strip under the action of the said springs.

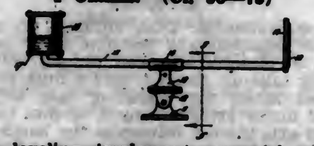
2,109,944

LEVELING INSTRUMENT

Price Grieve, Sigourney, Iowa

Application August 10, 1936, Serial No. 95,264

4 Claims. (Cl. 33—73)



1. A leveling implement comprising a base whereby the implement may be supported upon a vehicle, a member mounted on said base for pivotal movement relative to the base both horizontally and vertically, a sight tube at the front end of said member and a sight tube at the rear end of said member, a fluid in the sight tubes, and means for providing communication for the liquid from one sight tube to the other, said sight tubes being made of transparent material so that the liquid levels in both tubes may be seen by an operator, two scales one on each side of the rear sight tube and spaced apart from the rear sight tube to provide sight openings through which an operator may see the liquid levels of both tubes and at the same time see both scales, and an adjustable indicator finger for each scale extended across said opening from the scale toward the rear sight tube, in such position that an operator while viewing the liquid levels of both sight tubes and viewing both scales, may also in the same line of vision view both of said indicatng fingers.

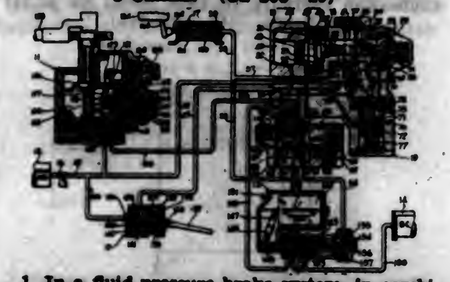
2,109,945

FLUID PRESSURE BRAKE

Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application August 1, 1935, Serial No. 34,144

8 Claims. (Cl. 303—19)



1. In a fluid pressure brake system, in combination, a first valve for controlling a first communication through which fluid under pressure is supplied to effect an application of the brakes, a second valve for controlling a second communication through which fluid under pressure is also supplied to effect an application of the brakes, spring means interposed between said two valves and urging said two valves in a direction to close said two communications, and fluid pressure operated means for controlling opening and closing of at least one of said valves.

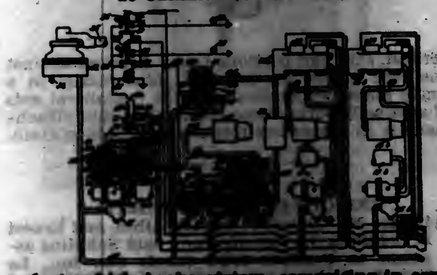
2,109,946

ELECTROPNEUMATIC BRAKE APPARATUS

Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application June 2, 1937, Serial No. 145,976

16 Claims. (Cl. 303—15)



1. A vehicle brake system, comprising in combination a normally closed circuit, electroresponsive means operating on said normally closed circuit for controlling the degree of application of the brakes, a retardation controller operative upon the retardation of the vehicle to cause interruption of the said normally closed circuit and consequent operation of the electroresponsive means to control the degree of the application of the brakes, means operative automatically upon interruption of said normally closed circuit for effecting an emergency application of the brakes, and means effective as long as the application of the brakes exceeds a certain uniform degree for preventing operation of said emergency application means.

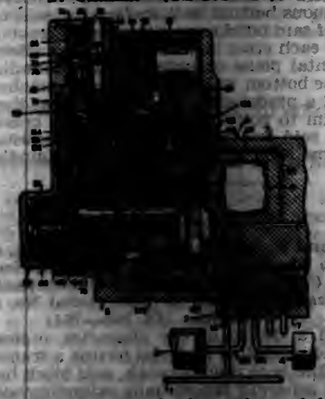
2,109,947

FLUID PRESSURE BRAKE

Ellis E. Hewitt, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application June 2, 1937, Serial No. 145,978

17 Claims. (Cl. 303—15)



6. In a fluid pressure brake equipment, in combination, a brake pipe, and an emergency valve device comprising a movable abutment subject to the opposing pressures of the fluid in the brake pipe and of the fluid in a pressure chamber, valve means operated on a predetermined increase in the pressure of the fluid supplied thereto to supply fluid from the brake pipe to a passage through which fluid may be supplied to said pressure chamber, and a valve device subject to the opposing pressures of the fluid in the pressure chamber and of the fluid supplied to said passage for regulating the rate of supply of fluid through said passage to said pressure chamber.

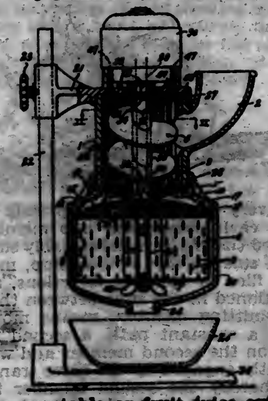
2,109,948

JUICE EXTRACTOR

Ben L. Lorenzen, Los Angeles, Calif., assignor of one-half to Mary O. McComb, Los Angeles, Calif.

Application May 24, 1937, Serial No. 144,429

6 Claims. (Cl. 146—175)



1. In a vegetable or fruit juice extractor, the combination of a casing, a perforated plate within the casing, a rotary feed device mounted to rotate on a substantially vertical axis above the perforated plate, a motor supported in axial alignment with the feed device, a shaft driven by the motor and extending coaxially through the feed device and through the said perforated plate, a centrifugal cage attached to the lower end of the shaft below the perforated plate for receiving the vegetable or fruit pulp forced through the said plate and operating to separate the juice from the pulp by centrifugal force, and reduction gearing located adjacent the motor for driving the feed device at reduced speed.

2,109,949

EXPLOSIVE

Dewitt C. McMeans, Lordsburg, N. Mex.

No Drawing. Application July 31, 1935, Serial No. 34,039. Renewed July 17, 1937

2 Claims. (Cl. 52—12)

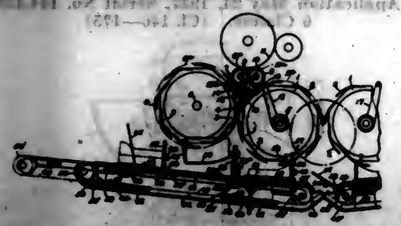
1. An explosive in the form of a granular powder consisting of the following ingredients in the proportions stated by weight:

	Parts
Potassium chlorate	35
Sugar	35
Finely divided cellulose	10
Dinitrotoluene	12
Toluene	6
Petrolatum	2

2. A method of making an explosive comprising heating dinitrotoluene, toluene and petrolatum to the boiling point, adding a small quantity

of nitric acid thereto and continuing the boiling until the nitric acid fumes have passed off, and adding to the mixture finely divided cellulose and a granulated powder made of potassium chlorate and sugar, the granulated powder and the cellulose being taken in proportion that the total mixture results in a granulated powder.

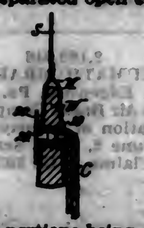
2,109,859
MECHANISM FOR DELIVERING ARTICLES IN COUNTED BUNDLES
Cecil George Quick, Donald Arthur Ball, and William Arnold Whitehead, London, England, assignors to R. Hoe & Co., Inc., New York, N. Y., a corporation of New York
Application April 17, 1935, Serial No. 16,802
In Great Britain April 19, 1934
19 Claims. (Cl. 93—93)



1. A delivery mechanism comprising two delivery flies each comprising hub members and arms secured thereto, means rotatably supporting the flies in side by side relationship, means rotating the flies in opposite directions, a switch device positioned in the zone between the flies, a drive transmitting member, means moving the member in a constant path, a second member, abutments on the second member and which are intermittently engaged by the drive transmitting member whereby the second member is intermittently displaced, a further member, means whereby the displacement of the second member is transmitted to the further member first in one direction and then in the other direction, means interconnecting the further member and the switch device which is caused by the further member to direct a succession of products first to one fly and then a succession of products to the other fly, a receptacle associated with each fly, a stop device associated with each fly and which causes products carried by the respective flies to be deposited in superposed relation in the associated receptacle and forming a pile of products therein, a conveyor device, means moving the conveyor device successively past the receptacles, and means depositing the pile of products in one receptacle on to the conveyor and then the pile of products in the other receptacle on to the first pile of products.

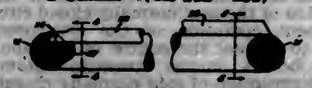
2,109,951
PULL CORD ATTACHING DEVICE
William L. Elberdy, Worcester, Mass.
Application October 29, 1936, Serial No. 108,266
1 Claim. (Cl. 156—40)

In a window curtain and pull cord combination in which the end of the curtain is provided with an eyelet inserted therethrough and in which the pull cord is looped, that improvement which consists in providing a cord-attaching device frictionally fitting said eyelet and loosely receiving said looped cord, said cord-attaching device being formed of a single piece of resilient sheet metal and having a substantially cylindrical body portion open at one end and at diametrically opposite sides to receive said cord and bridged across at the other end to retain said cord and having enlarged outer end portions formed integral with the separated open ends of said body



portion, said end portions being disposed against one face of the curtain and substantially in a single plane perpendicular to the cylindrical axis of said body portion and eyelet when said attachment is in assembled relation with said curtain.

2,109,952
REFRIGERATING APPARATUS
Sylvester M. Schweller, Dayton, Ohio, and Ernest H. Schilling, La Fayette, Ind.; said Schilling assignor to Peerless Wire Goods Co., Inc., La Fayette, Ind., a corporation of Indiana, and said Schweller assignor to General Motors Corporation, Dayton, Ohio, a corporation of Delaware
Application September 26, 1935, Serial No. 42,654
1 Claim. (Cl. 211—153)

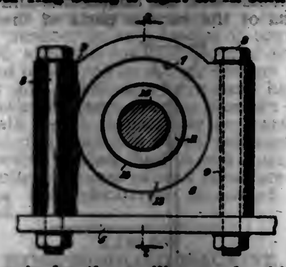


A shelf for a refrigerator cabinet including a bounding rim and a plurality of spaced apart cross members connected to opposite sides of the rim, said rim being solid and forming the sole support of said cross members, at least one of said sides of said solid bounding rim being deformed at a plurality of spaced apart points to provide notches therein, the deformations in said rim being of such character as to extend the notches from the top of said one side of said bounding rim inwardly toward the opposite side thereof and from a point inwardly of the outer edge of said one side of said rim toward the bottom thereof to form a continuous end wall surface and a relatively long continuous bottom wall surface for said notches, each of said notches receiving and supporting one end of each cross member within a portion of the horizontal plane occupied by said bounding rim, and the bottom wall surface of said notches being spaced a predetermined distance from the top of said rim to position the top of each cross member at said one side of said rim on substantially the same level with the top of said bounding rim.

2,109,953
BEARING
Raymond E. Scarles, New Britain, Conn., assignor to The Fafnir Bearing Company, New Britain, Conn., a corporation of Connecticut
Application August 24, 1936, Serial No. 97,424
8 Claims. (Cl. 308—184)

1. In a device of the character indicated, a block of insulating material having a transversely extending bore therethrough, said block having a pair of generally tangentially extending bolt holes extending therethrough and spaced from said bore, tubes in said bolt holes and bolts extending

through said tubes for securing said block to a support, an anti-friction bearing comprising outer and inner bearing rings with interposed anti-friction bearing members mounted in said bore, said outer ring being a tight fit in said bore and



held therein by the resiliency of said block, a body of sound deadening material in the bore of said inner ring, and seal means held in the bore through said block by the inherent resiliency of said block, for the purpose described.

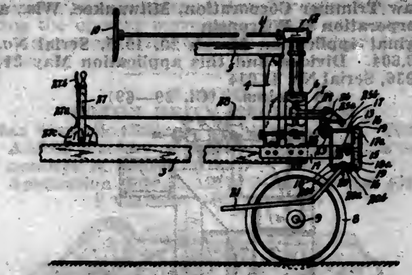
2,109,954
SWITCH
Edgar M. Sereno, Chicago, Ill., and Carl Will, Minneapolis, Minn., assignors to Tropic-Aire, Incorporated, Minneapolis, Minn., a corporation of Delaware
Application July 27, 1934, Serial No. 737,262
3 Claims. (Cl. 200—167)



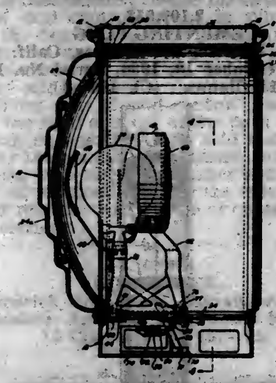
1. The combination with a switch comprising a plurality of sets of contacts, a circuit closer, and a rotatable operating member for selectively moving said circuit closer into engagement with said sets of contacts, of means embodied in the construction of said member and forming a chamber, and a gravity operated element in said chamber movable upon rotation of said operating member to thereby indicate the position of the circuit closer with respect to said sets of contacts.

2,109,955
CULTIVATOR SHOVEL POSITIONING MECHANISM
Allen Spande, Mabel, Minn.
Application November 27, 1936, Serial No. 112,867
5 Claims. (Cl. 97—47)

1. In an agricultural implement having a frame, ground engaging wheels, at least one of which is steerable and means for steering said steerable wheel, the combination of a pair of arms connected at their forward ends to said implement for swinging of their rear portions laterally of said implement and adapted at their rear portions for mounting of soil-working tools thereon, with means for positioning said arms relative to said implement comprising, an element connected to said respective arms and adapted for movement to swing said arms in unison, a member connected to said steering means and movable, in response to movement thereof, in a direction generally parallel to the direction of movement of said element, and means connecting said member to said element whereby said arms will be swung to various positions responsive to movement of said steering means, said connecting means being adjustively movable lengthwise of said element whereby the positions of said arms relative to the position of said steering means may be adjustively varied.

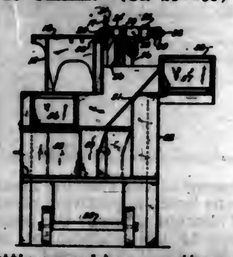


2,109,956
STUDIO LAMP
Cecil Bartwell, West Los Angeles, and Carl E. Erickson and Jess C. Rose, Los Angeles, Calif., assignors to Motion Picture Electric Products, Los Angeles, Calif., a corporation of California
Application December 28, 1936, Serial No. 117,796
6 Claims. (Cl. 240—41.3)



6. In an incandescent studio lamp, the combination of a light source, a condenser lens in front of said light source positioned to refract and project light rays received from said source, and a projecting reflector of a diameter greater than that of the condenser lens arranged in back of said light source and arranged to reflect and project light rays received from said light source around said lens, all symmetrically mounted on a common optical axis, and means for concurrently effecting relative movement along said axis between the light source and projecting reflector and corresponding relative movement along said axis between the light source and condenser lens in such a manner that the speed of relative movement between condenser lens and projecting reflector is greater than the speed of relative movement between the light source and condenser lens, so as to adjust the angularity of the light projected by the lens and reflector between spot and flood characteristics.

2,109,057
CUTTING MACHINE
Fredrick W. Bilker, Milwaukee, Wis., and John E. Ball, Chicago, Ill., assignors to Milwaukee Saw Trimmer Corporation, Milwaukee, Wis., a corporation of Wisconsin
Original application March 29, 1935, Serial No. 13,004. Divided and this application May 21, 1936, Serial No. 81,014
15 Claims. (Cl. 29—69)



1. In a cutting machine, a cutter, a chute extending beneath and across the plane of action of said cutter, a cabinet supporting said cutter and said chute and having a confined space communicating with said chute, and an element movable in said space for effecting controlled distribution of the cuttings delivered from said chute either cumulatively upon said element or freely out of said space.

2,109,058
CEMENTING PLUG
John F. Rice, Los Angeles, Calif.
Application October 10, 1936, Serial No. 105,669
11 Claims. (Cl. 166—1)



1. A cementing plug including a piston, a cup on the piston, a sealing packer below the piston, and a flexible connection extending from the piston to the sealing packer whereby the piston and sealing packer are coupled together.

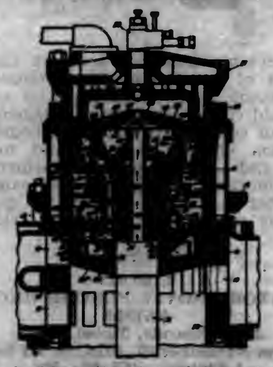
2,109,059
INFANT'S SYRINGE
Myra Emory Burke, Madison, Wis.
Application August 26, 1935, Serial No. 37,937
1 Claim. (Cl. 128—227)

An infant's rectal syringe comprising an open-top fluid container having attached at its lower end a flexible conduit of substantial length and relatively small substantially uniform diameter, said conduit terminating in an open end forming a flexible syringe nozzle, and an insertion-limiting enlargement formed on said conduit at a determinate position approximately three inches from the nozzle end, the dimensions and relative proportions of the various parts of the syringe



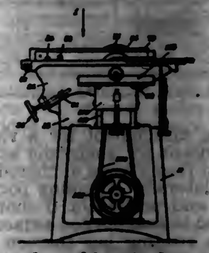
being such as to permit a maximum hydrostatic pressure head of not more than approximately seventeen inches to be applied in administering enemata, said syringe having a one-piece, inseparable, integral structure of the same flexible material throughout.

2,109,060
CROSS HEAD AND PISTON ROD AND PISTON CONSTRUCTION
Edward S. Dennison, New London, Conn., assignor to Electric Boat Company, Groton, Conn., a corporation of New Jersey
Application February 25, 1937, Serial No. 127,670
13 Claims. (Cl. 123—176)



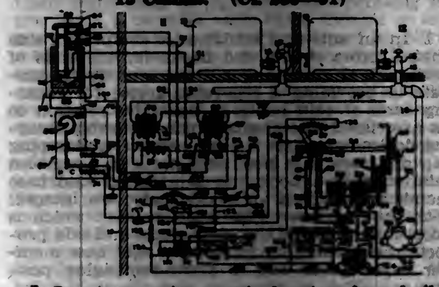
1. In a double acting internal combustion engine, a cylinder, a piston operating therein and provided with passages for circulation of cooling fluid, a cross-head having a socket in its upper end, a piston rod operatively connecting said piston and said cross-head and seating in said socket with its lower end in sealing contact with the bottom of said socket, said piston rod being provided with lengthwise inlet and outlet passages opening through its lower end and communicating with said piston passages, a securing member secured upon said piston rod adjacent and spaced from the upper end of said cross-head, said member being provided with an outwardly projecting flange having its upper face convex and of a spherical curvature, a clamping member having its lower face curved conformably to and seating upon the upper face of said flange, said clamping member being movable relative to said securing member about the common center of curvature of said surfaces, means securing said clamping member to and forcing it toward said cross-head effective for maintaining the lower end of said piston rod in sealing contact with the bottom of said socket, said cross-head having inlet and outlet passages opening through the bottom of said socket respectively in register with said piston rod inlet and outlet passages, means for conducting cooling fluid to and from said inlet and outlet passages of said cross-head, and a connecting rod operatively connected to said cross-head.

2,109,061
WOODWORKING MACHINE
Henry J. Dietrich, Banning, Calif.
Application October 2, 1936, Serial No. 43,209
5 Claims. (Cl. 144—129)



1. In a wood working tool, a machine frame having upwardly and rearwardly sloping guides, a front table adjustably mounted on said guides for elevation and rearward motion, the front table having a table top with a U-shaped opening therein, a rear table having a rear table top vertically adjustable in the machine frame, the rear table top fitting in said U-shaped opening, the front table top having a rear edge at said opening, and the rear table top having a front edge at said opening, a mandrel shaft journaled in the machine frame and having a mandrel with means for attaching wood working cutters thereto, the cutters being adapted to operate through the opening of said edges, and means to adjust the rear table top horizontally to vary the distance between said edges.

2,109,062
TEMPERATURE CONTROL SYSTEM
George H. Fisher, Minneapolis, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., a corporation of Delaware
Application September 5, 1935, Serial No. 39,256
15 Claims. (Cl. 236—91)



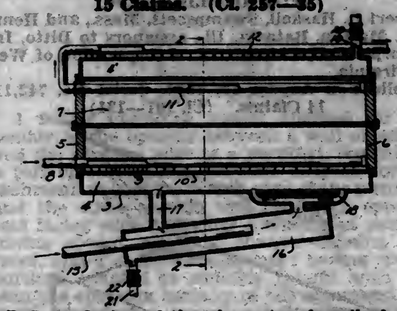
5. In a temperature control system for a building, the combination of valve means for controlling the supply of heating fluid to the building, means responsive to outdoor conditions for opening or closing said valve means, and means responsive to outdoor conditions for gradually limiting the opening movement of said valve means in accordance with changes in outdoor conditions.

2,109,063
MOTOR DRIVE MECHANISM
Max Garbell, Chicago, Ill., assignor to Victor Adding Machine Company, Chicago, Ill., a corporation of Delaware
Application May 2, 1937, Serial No. 140,422
9 Claims. (Cl. 192—.03)



1. A device of the character described, comprising in combination, a driven element having an electric motor for driving the same, and a member carried axially of the driven element, a spring-urged dog carried by said member and engageable with the driven element to drive the member therewith, control means comprising a rigid arm and a resilient arm normally in the path of said dog and member respectively, and manually manipulative means for effecting movement of said control means to simultaneously release the dog and member permitting said dog to be spring-urged for engagement with said driven element for causing the turning movements of said member with the driven element, the resilient arm of said control means serving to hold the rigid arm out of the path of said dog by sliding engagement with said member when moved by the manipulative means and to form a cushioning stop for said member and retain the dog out of engagement with the driven element in timed relation with a cycle of operation of the driven element.

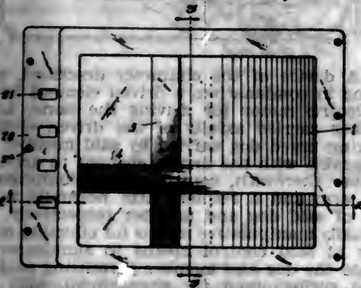
2,109,064
CONDENSER
Fredrick Gettelmann, Milwaukee, Wis.
Application April 20, 1936, Serial No. 75,260
15 Claims. (Cl. 257—35)



7. In a device of the character described, the combination with an annular reservoir and means closing the ends of its interior cavity to provide a chamber for coolant, said reservoir and chamber having a common partition wall, of means entering said coolant chamber and comprising a pipe arranged to direct coolant toward

a portion of said wall below the normal level of condensate in said reservoir, a conduit below the level of condensate in said reservoir having its ends in communication with said reservoir and arranged with one of its ends directed toward said partition wall portion, a supply pipe operatively connected to deliver condensable gas to said conduit in a direction to induce a flow of said gas and condensate toward said wall portion, means for withdrawing condensate from said reservoir, and means for withdrawing coolant from said chamber, said coolant withdrawal means having openings arranged to deliver at least a portion of the withdrawn coolant over the exterior surface of the reservoir to provide additional cooling by evaporation therefrom.

2,100,065
DRAFTING APPARATUS
Fern D. Haselton, Newark, N. J.
Application March 5, 1937, Serial No. 129,208
5 Claims. (Cl. 33—86)



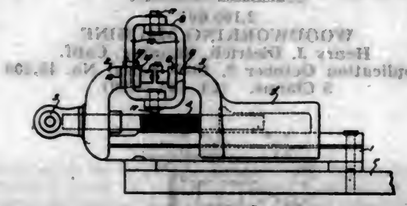
5. Apparatus of the character described comprising a frame having a bed, two pairs of channel guideways in superposed relation at one side of said bed in planes parallel to each other and to the plane of the bed, the guideways of each pair being parallel to each other and at right angles to the guideways of the other pair and the channels of each pair of guideways facing each other, and a ruler mounted in each pair of guideways and comprising a strip of material having cross-heads at its ends slidable within the respective channels.

2,100,066
ASSEMBLING AND LAYING MASTER SHEETS FOR DUPLICATION
Robert R. Haskell, Swampscott, Mass., and Henry J. Merten, Batavia, Ill., assignors to Ditto, Incorporated, Chicago, Ill., a corporation of West Virginia
Application August 30, 1934, Serial No. 742,116
14 Claims. (Cl. 101—131)



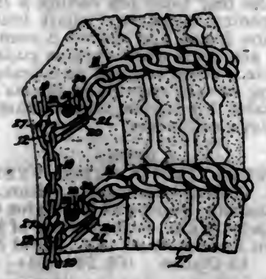
1. A method of duplicating selected portions of records formed on a plurality of master sheets, which comprises assembling and securing together the opposite ends of the master sheets in overlapping relationship to expose only the selected portions of the records thereon on one side of the assembly, laying the assembly upon a duplicating surface, stripping the assembly from said surface, and thereafter applying a copy sheet to said surface.

2,100,067
RIVETING DEVICE
Howard Milton Johnston, Toronto, Ontario, Canada, assignor to Massey-Harris Company, Limited, Toronto, Ontario, Canada
Application December 19, 1936, Serial No. 116,832
4 Claims. (Cl. 81—33)



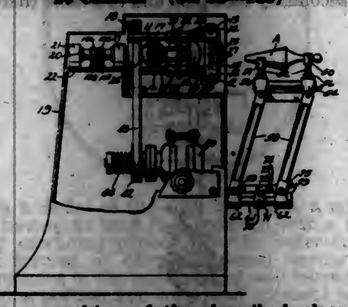
1. A riveting attachment for a vise comprising a frame, means for anchoring said frame to a vise jaw, said frame when anchored to the vise jaw having a laterally extending portion, a riveting jaw on said portion, a U-shaped bearing member secured to said portion adjacent its outer end, a lever, a riveting jaw thereon and means for pivotally mounting said lever on said bearing member.

2,100,068
ANTISKID DEVICE
Blanch T. Kinnear, Still River, Mass.
Application March 6, 1937, Serial No. 129,463
5 Claims. (Cl. 152—14)



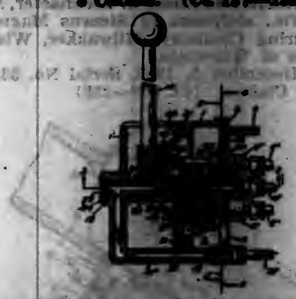
1. In an anti-skid contrivance comprising side chains, cross chains and hooks for the ends of said cross chains, that improvement which consists in providing a separable device for securing each of said hooks in operative relation to its associated side chain, which separable securing device comprises a base member, a clamping cap and means to hold said parts in assembled relation with a hook and side chain, said base member having an anti-skid projection integral with that portion of the base member which is adjacent the end of the cross chain and said projection extending outward from said base member beyond said cap to ground-engaging position.

2,100,069
SANDING AND POLISHING MACHINE
Carl J. Lippold, Wauwatosa, Wis., assignor to J. M. Nash Company, Milwaukee, Wis., a corporation of Wisconsin
Application June 24, 1935, Serial No. 28,050
26 Claims. (Cl. 51—125)



1. In a machine of the described class, the combination with a pulley support, a set of pulleys mounted thereon, an endless belt mounted for travel about said pulleys, and means for rotating the pulley support about an axis intersecting the belt between two of said pulleys, said support being provided with a relatively fixed belt supporting pad also intersected by said axis, whereby work may be pressed against the belt along said axis for polishing operations by the portion of the belt traversing said pad.

2,100,070
AIR CONTROL VALVE FOR GEAR SHIFTS
Philip MacKenzie, Oakland, Calif.
Application April 7, 1936, Serial No. 73,091
8 Claims. (Cl. 137—139)



1. A fluid control valve for motor vehicle gear shift comprising a flat plate having a plurality of spaced valve ports arranged therein for respectively connecting to pipe lines for operating the gear shift, a movable valve block slidable on said plate and having an air port arranged for alignment with one at a time only of any of said ports upon sliding of the block, a hand lever, means supporting and guiding said hand lever for bodily arcuate movement as well as forward and backward movement in planes transversely of said arcuate movement, and means forming an operative connection between said lever and said valve block whereby the block may be shifted to align its air port with one at a time only of any of said ports selectively as said hand lever is moved to various positions along the paths indicated, the construction including means always insuring the positive intermediate alignment of the valve block air port with one in particular only of said valve ports of the plate during its shifting from any of the other ports to another, and means continuously connecting the slidable block with a source of operating fluid.

2,100,071
MEANS FOR VENTILATING CONFINED SPACES
Robert Henri Mautsch, Brussels, Belgium, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application February 12, 1935, Serial No. 6,319
In Belgium March 30, 1934
15 Claims. (Cl. 98—13)



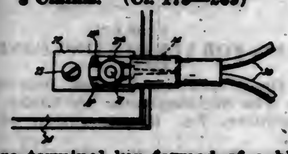
1. In combination, a fresh air conduit, a plurality of nozzles open at one end to said conduit and at the opposite end to space and disposed to direct air received from said conduit in an oblique downwardly direction into said space, a casing around said nozzles forming a chamber open to said space through a plurality of lateral openings in said casing, a member in each of said nozzles movable into the path of flow of air through said nozzles for diverting air from said nozzles into said chamber whereby a flow of air in a lateral direction is obtained through said lateral openings into said space, and means operable manually for individually adjusting the position of said members in said nozzles for varying the amount of air diverted from said nozzles into said chamber.

2,100,072
WALL CONSTRUCTION
David V. Nelson, Chicago, Ill.
Application February 18, 1937, Serial No. 126,344
2 Claims. (Cl. 72—46)



1. Sound excluding means adapted for assembly in the opening between a wall or ceiling and the abutting edge of a partition, comprising a pair of cooperating elements adapted for attachment, one on the facing edge of the partition and the other on said wall or ceiling opposite said facing edge, including a channeled element having spaced, opposing, channel-defining surfaces, and a cooperating element having spaced portions adapted to slidingly interfit with and abut the opposing surfaces of the channeled element whereby to permit relative separational movement between the elements, and a resilient strip of felt-like material wrapped about the said cooperating element and having its opposed edges held each by and between one of said portions of the cooperating element and one of said surfaces of the channeled element.

2,109,073
WIRE TERMINAL LUG
Marvin B. Nieman, St. Louis, Mo.
Application February 11, 1935, Serial No. 5,921
3 Claims. (Cl. 173—269)



2. A wire terminal lug formed of a blank of sheet metal notched at opposite edges and foldable transversely of a line passing through said notches into three approximately equal sections, the resulting portions of the blank at one side of the defining notches being rolled over and folded down upon the medial section, said medial section having an aperture therethrough, each fold having an aperture therethrough, said apertures being aligned to form a three-fold binding post end with sleeves at the bights of the folds for engaging the stripped extremities of two wire conductors, the said sleeves being held against spreading by a binding post engaged in said apertures and the end portions of the blank at the other side of the defining notches being rolled and folded down over upon said medial section to form sleeves for engaging the insulation covered ends of the wires immediately back of the said stripped extremities thereof.

2,109,074
VEHICLE SPRING SUSPENSION
Robert W. Nilson, Toledo, Ohio, assignor to The Mather Spring Company, Toledo, Ohio, a corporation of Ohio
Application October 12, 1936, Serial No. 105,369
2 Claims. (Cl. 267—19)



1. Vehicle stabilizing means of controlled frequency resistance embodying a body member, a wheel supporting member shiftable relatively to the body member, a radius rod pivotally connected as a link between the members, and a leaf spring having a free end and a bearing seat therealong, said rod having an opposing continuous seat, said rod and said spring being substantially parallel throughout their normal operation and said seats being so constructed that the vertical shifting between the members causes a greater extent of shifting of the contact point between said seats, thereby changing the effective spring length.

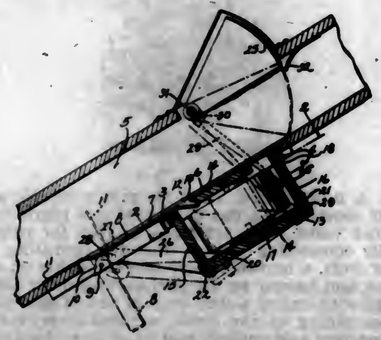
2,109,075
DEVICE FOR CLEANING TANKS AND THE LIKE
Harold M. Ruth, Huntington Park, Calif., assignor to The Pyrate Corporation of Nevada, a corporation of Nevada
Application May 26, 1933, Serial No. 672,927
Renewed September 19, 1934
11 Claims. (Cl. 299—67)

11. A tank cleaning device of the class described embodying: a main feed pipe, means for vertically supporting said main feed pipe; a secondary feed pipe rotatably mounted on the lower end of said main feed pipe; a nozzle feed pipe mounted on said secondary feed pipe at an angle thereto; a nozzle member rotatably mounted on said nozzle feed pipe; a liquid motor supported by said secondary feed pipe and rotatable therewith;



means for delivering power liquid to the motor from the secondary feed pipe; means operated by said liquid motor for rotating said nozzle member; and means operated by the action of the liquid motor for rotating the secondary feed pipe relative to the main feed pipe in timed relation with the rotation of the nozzle.

2,109,076
ELECTROMAGNETIC SEPARATOR
Roswell H. Stearns and Elmer C. Kiekhaefer, Milwaukee, Wis., assignors to Stearns Magnetic Manufacturing Company, Milwaukee, Wis., a corporation of Wisconsin
Application December 5, 1935, Serial No. 52,972
4 Claims. (Cl. 209—228)



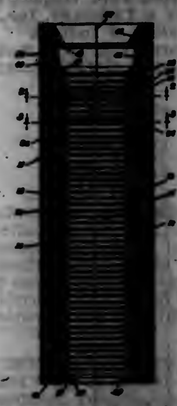
1. In an electromagnetic separator, the combination with a plurality of polar core elements, of means permanently connecting said elements and having a limited flux carrying capacity just sufficient to short circuit the residual magnetism in said elements, a winding on one of said elements, an armature core member movable to and from one side of the several elements to complete the flux path therethrough when the winding is energized, and a gate connected to said armature core member to be actuated thereby.

2,109,077
MEANS OF MIXING A PLASTIC MATERIAL
Halver R. Straight, Adel, Iowa
Application January 18, 1935, Serial No. 2,010
7 Claims. (Cl. 259—100)



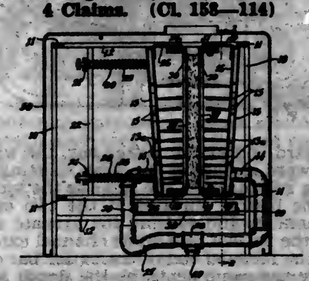
1. In a device of the class described, a mixing knife having its back face provided with a rearwardly extending portion near its outer end, a shank formed of ductile material having one end mounted in the inner end of said rearwardly extending portion and supported adjacent to the back side of the inner end of said knife, the inner end of said shank extending inwardly of the inner end of said knife.

2,109,078
MEANS FOR CASTING CLAY PIPE
William Washo, Los Angeles, Calif., assignor, by direct and mesne assignments, to Pacific Clay Products, a corporation of California
Application December 4, 1935, Serial No. 52,796
4 Claims. (Cl. 25—129)



1. In a device for casting clay pipe, a lower tubular mold formed integral having a lower internal shoulder sloping inwardly and downwardly and a lower outward flare below the shoulder to the bottom of the lower portion of the mold, an upper mold section having a transverse joint with the lower mold connected by interfitting recesses and dowels, the upper mold having a plurality of vertical joints with interconnecting recesses and dowels, the upper mold having a collar forming enlargement with a lower shoulder sloping outwardly and upwardly, an annular surface thereabove having an outward slope, an upper shoulder sloping upwardly and inwardly and having a funnel surface sloping upwardly and outwardly from the inner edge of the second shoulder, the upper and lower molds being relatively thick compared to their internal diameter and formed of a water absorbent material, the upper funnel surface being adapted to operate as a guide for a clay trimming tool at the top of the mold and the lower flared surface being adapted to act as a guide for a trimming tool at the lower part of the mold.

2,109,079
BROILING APPARATUS
Kenneth O. Zeigler and Jacob B. Zeigler, Salem, Ohio
Application August 10, 1935, Serial No. 35,640
4 Claims. (Cl. 158—114)



1. A spaced pair of hollow, flat, upright gas burners adapted to receive a food rack therebetween, each burner having a plurality of apertures in its inner wall, the spacing of the apertures increasing toward the top of the burner, and staggered baffle plates located one above the other within said hollow burner and having their ends alternately spaced from opposite edges of the hollow burner, and means for admitting gas to the lower portion of the burner.

2,109,080
FURNITURE FRAME
Adolf Bergmann, Berlin-Charlottenburg, Germany
Application September 12, 1934, Serial No. 743,663
In Germany September 18, 1933
5 Claims. (Cl. 155—191)



1. A bent furniture frame comprising an ornamental outer flexible cover, an inner flexible cover, and an initially plastic core within the inner cover and adapted when set to hold the frame in substantially rigid condition, said inner cover forming a mold for the initially plastic material.

2,109,081
CUTTER BAR
Charles L. Bowman, Canton, Ohio, assignor to The Bowdil Company, Canton, Ohio, a corporation of Ohio
Original application May 24, 1935, Serial No. 23,211. Divided and this application December 12, 1935, Serial No. 54,098
4 Claims. (Cl. 262—33)

1. In a mining machine, a solid cutter bar having a guide channel in its opposite edges and a deep channel extending around the forward end of the bar, said deep channel having a bottom surface disposed angularly with reference

to the bottom surface of the two opposite guide channels, a wear resisting member having a forward arcuate surface and a rearward engaging surface to engage the angular bottom surface of the deep channel, transversely extending means engaging the wear resisting member and the sides of the deep channel for securely mounting the wear resisting member in the deep channel upon



the forward end of the cutter bar, the width of the rearward surface of the wear resisting member being substantially the same as the width between the bottom surfaces of the two opposite guide channels and causing the arcuate surface to form the bottom of a guide channel extending around the forward end of the cutter bar of substantially the same depth as the depth of each of the two opposite guide channels.

2,109,082

MINING MACHINE CUTTER BAR

Charles L. Bowman, Canton, Ohio, assignor to The Bowdil Company, Canton, Ohio, a corporation of Ohio

Application June 13, 1936, Serial No. 85,140

3 Claims. (Cl. 262—33)



1. In a mining machine utilizing a cutter chain, a cutter bar having two opposite edges and a forward arcuate end over which the cutter chain passes, said cutter bar having two spaced longitudinal wall portions disposed along each of the said opposite edges of the cutter bar, to form a guide channel for the cutter chain, said cutter bar having a forward wall portion integrally connected to the forward end of the cutter bar and disposed along one side thereof, said forward wall portion having stepped surfaces and a stepped edge between the said surfaces, the other side of the forward end of the cutter bar having a recess, a detachable forward wall portion connected to the forward end of the cutter bar and disposed upon the said other side of the cutter bar and having its rearward part engaging the said recess, said detachable wall portion having stepped surfaces and a stepped edge between said surfaces, a detachable wear resistance block detachably positioned intermediate the said forward wall portions and between the lowermost stepped surfaces, the rearward edge of the detachable wear resistance block coinciding with the stepped edges of the said forward wall portions, and means for detachably connecting the detachable wall portion and the detachable wear resistance block to the forward end of the cutter bar, the two lowermost stepped surfaces of the two forward wall portions and forward surface of said wear resistance block forming a guide channel around the forward end of the cutter bar and in alignment with the guide channel formed in each edge of the cutter bar, the edge of the said recess and the rearward edge of the detachable wear resistance block constituting angular edges for constraining the detachable forward wall against lateral movement.

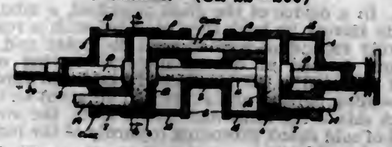
2,109,083

HOLLOW CRANKSHAFT

Donald J. Campbell, Spring Lake Township, Ottawa County, Mich., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich., a corporation of Michigan

Application December 26, 1933, Serial No. 703,943

7 Claims. (Cl. 22—200)



1. The method of producing a crankshaft which consists in casting the same in a mold, and casting bars connecting crank portions of the shaft opposite to crankpin portions of the shaft, causing uniformity in shrinkage on cooling.

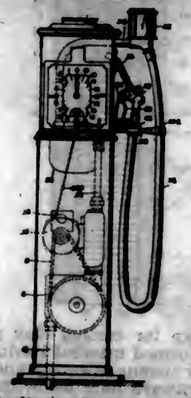
2,109,084

DISPENSING APPARATUS

William M. Carroll, Fort Wayne, Ind., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind., a corporation of Indiana

Application February 2, 1935, Serial No. 4,675

34 Claims. (Cl. 221—95)



1. A liquid dispensing apparatus comprising means forming a delivery conduit having a freely suspended portion, means for delivering liquid through said conduit, said means including an electric pump and a switch for starting and stopping the pump, a member secured to said conduit below its point of suspension, means operatively connecting said member with said switch so that by pulling said conduit the switch will be moved to starting position, means for maintaining the switch in such starting position on release of the pulling action on said conduit, and manually shiftable means actuatable from the delivery end of said conduit for restoring the switch to stopping position without pulling action on said conduit.

2,109,085

SICKLE CUSHIONER

Gus E. Chilstrom and Abel Thompson, Paullina, Iowa

Application February 26, 1936, Serial No. 65,832

2 Claims. (Cl. 56—306)



1. A sickle cushioner comprising a bracket attached to the sickle blade member and rearwardly thereof, a downwardly turned lip attached to the bracket, compression means bearing against said lip including a pair of helical springs on each side of the lip, said lip having an opening, a rod passing through said opening and said springs and attached to the stationary portion of the sickle, means for adjusting tension of the springs including a pair of slidable collars receiving said rod including set screw locking means for locking the collars against the rod, said structure attached toward the outer end of the sickle.

2,109,086

GRINDING INSTRUMENT FOR USE IN DENTAL WORK

Hilaire P. Coussement and Floris Cappette, Roubaix, France

Application May 15, 1936, Serial No. 79,974

In France May 17, 1935

2 Claims. (Cl. 32—59)



1. In a grinding tool, a heat-baked head including a metallic support and comprised of a mixture of commimuted glass, sodium silicate binder, and a temporary gum-lac binder carbonized during the baking of the head, said charred mass being uniformly distributed in the head to lower the resistance of the baked binder.

2,109,087

PROCESS OF IMPROVING THE ELECTRICAL RESISTANCE OF ANIMAL FIBERS

Alfred Cecil Geoffrey, Toronto, Ontario, Canada, assignor to Dominion Silk Mills Limited, Toronto, Ontario, Canada

No Drawing. Application June 12, 1936, Serial No. 84,978

13 Claims. (Cl. 28—58)

1. A process of treating animal fibers to increase their electrical resistance which consists in subjecting the material to the action of an atmosphere of dry steam.

2,109,088

MACHINE FOR CUTTING, EMBOSSING, AND PRINTING SHEETS OF PAPER AND CARDBOARD

Salomon Levin, Lille, France

Application November 2, 1936, Serial No. 108,990

In France October 31, 1935

4 Claims. (Cl. 101—237)

1. In a machine of the character described, a frame, a table pivoted to said frame, a paper embossing die mounted on said frame and co-operating with corresponding depressions in the table, cutters angularly secured to the table and adapted to co-act with the edges of the die for paper cutting purposes, a spring pressed plate pivoted



to the frame and extending through the table for paper centering purposes, a paper ejector movable through apertures of the die, and cams operable to operate the plate and ejector in turn upon operation of the pivoted table for cutting and embossing the paper inserted on the die.

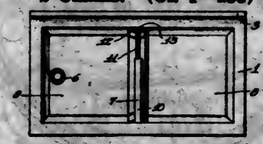
2,109,089

SINK PARTITION INSERT

Seoris M. Moyes, Stockton, Calif., assignor of two-fifths to Eugene M. Stagnaro, Stockton, Calif.

Application March 23, 1936, Serial No. 70,282

2 Claims. (Cl. 4—183)



1. An improved sink partition insert comprising a partition wall member with a flexible flange in contact with the sink walls, the aforesaid flange being concave, which forms a cavity between the outer contact edges of the flange, thus forming a means of making a water tight joint by the formation of a vacuum between the flange edges upon pressing the insert into position.

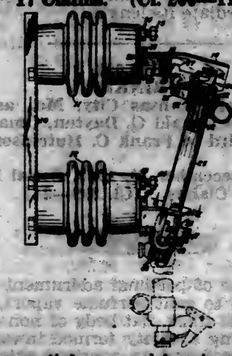
2,109,090

HIGH DUTY FUSE SWITCH

Ralph R. Pittman and Carroll H. Walsh, Pine Bluff, Ark.

Application January 16, 1937, Serial No. 120,963

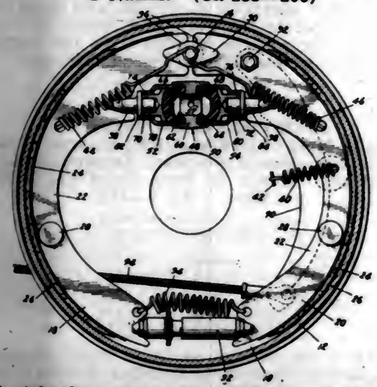
17 Claims. (Cl. 200—114)



1. A fuse switch comprising insulating means having mounted thereon spaced insulated upper and lower terminal members, a fuse cartridge pivoted at its lower end on the lower terminal member, a fuse link within said cartridge electrically connecting the terminal members, latch

means dependent upon tension in said fuse link for maintaining the electrical connection, an opening at the upper end of said cartridge and a valve longitudinally movable along the axis thereof for closing said opening, and detent means carried by said valve, said detent means being arranged to prevent movement of said latch means in response to the rupture of said fuse link when said opening is open.

2,109,091
BRAKE
Carl Press, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application October 19, 1936, Serial No. 106,375
4 Claims. (Cl. 188—106)



1. A brake comprising a fixed support, a rotatable drum associated therewith, a pair of friction elements arranged on the support for cooperation with the drum, a primary actuating means for the friction elements including a floating motor suspended between the friction elements, and a secondary actuating means for the friction element comprising mechanical linkage including a lever pivoted on one of the elements and the motor movable bodily as a unit of the linkage, said lever being pivoted near one end of said element and extending to a point adjacent the other end of said element and engaging said motor intermediate its length.

2,109,092
TRINKET
Walter H. Bell, Kansas City, Mo., assignor of one-third to Donald G. Dayton, Omaha, Nebr., and one-third to Frank C. Hutchison, Kansas City, Mo.
Application December 16, 1935, Serial No. 54,617
4 Claims. (Cl. 299—24)

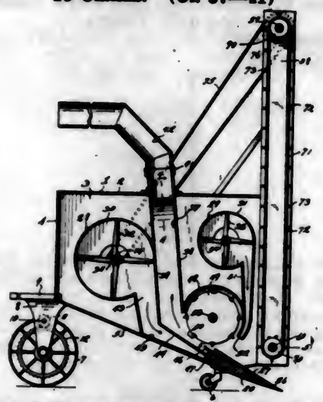


1. An article of personal adornment or pocket piece adapted to emit perfume vapors, comprising a relatively thick, flat body of non-absorbent material having a cavity formed inwardly from one face thereof and an aperture extending inwardly from the opposite face thereof into communication with said cavity; a sheet of absorbent material overlying the bottom of the cavity and forming a bottom for the said aperture; and a plate within the said cavity to hold the sheet of absorbent material in position and having its outer surface in an arc concentric with an arc having therein that portion of the face of the first mentioned face of the said body which circumscribes the plate.

2,109,093
PACKAGING SLICED CHEESE
Joseph Rossman and Charley L. Wagner, Rothschild, Wis., assignors to Marathon Paper Mills Company, Rothschild, Wis., a corporation of Wisconsin
No Drawing. Application February 15, 1937, Serial No. 125,934
3 Claims. (Cl. 99—178)

1. A method of packaging sliced cheese comprising the steps of assembling slices of cheese in face to face relation, completely enclosing said assembled slices in a film made of wax-rubber composition having an initial viscosity of 8,000 secs. (Scott viscosimeter at 90° C.), applying pressure to bring the said film into intimate contact throughout the external surface of the said assembled slices and sealing the overlapping portions of the film to exclude access of air to said cheese slices.

2,109,094
ROADWAY SNOW EXCAVATOR
Ellis K. Smeal, Morrisdale, Pa., assignor of one-half to John Little, Philipsburg, Pa.
Application January 7, 1937, Serial No. 119,512
13 Claims. (Cl. 37—41)



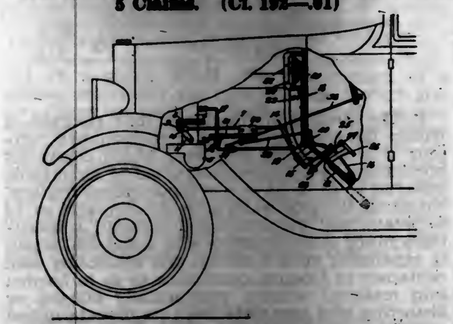
1. A snow excavator, comprising a wheel supported body, a plow carried by the body in a position relative to the ground to scrape up snow therefrom, receiving means at the rear of said plow into which said snow passes from the plow, a carry-off pipe leading from said means, and means for delivering blasts of air into said receiving means against both the top and under side of a body of snow passing from the plow into the receiving means.

2,109,095
INSECTICIDAL OIL COMPOSITION
William Hunter Velck, Watsonville, Calif., assignor to California Spray-Chemical Corporation, Berkeley, Calif., a corporation of Delaware
No Drawing. Application June 30, 1934, Serial No. 733,251
4 Claims. (Cl. 167—28)

2. A phytonomic insecticidal oil composition consisting of a mineral oil in which is dissolved less than about 3% by weight, relative to the oil, of alkali salts of sulfonic acids from petroleum and an organic liquid of relatively low molecular weight which is both oil and water soluble to a high degree in an amount adequate to lower the interfacial tension between the composition and water to the point that emulsification may be effected without the aid of any additional emulsifying agent.

4. A phytonomic oil composition consisting of a mineral oil containing in solution less than 3% by weight sulfonic salts from petroleum and about 1% of acetone.

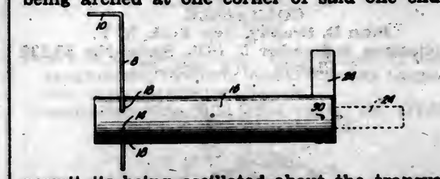
2,109,096
AUTOMATIC CLUTCH RELEASE
William S. Wright, Newark, Ohio, assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application February 4, 1933, Serial No. 590,945
5 Claims. (Cl. 192—.01)



1. The combination in an automobile engine having an intake manifold, an accelerator controlled throttle valve connected to said manifold, and a clutch operating member, of a clutch control means comprising a flexible diaphragm open to the atmosphere on one side and closed to the atmosphere on the opposite side and connected to the clutch operating member, a pipe connecting the closed side of the diaphragm to the manifold, two valves located in the pipe and adapted to control said clutch control means, one of said valves being actuated by the accelerator to establish communication between the manifold and the closed side of the diaphragm when the accelerator is in retracted position, and to close this communication and establish open communication between the closed side of the diaphragm and the atmosphere when the accelerator is advanced, the other valve being manually operated to open communication through said pipe when in one position and to close this communication and open communication between the atmosphere and the closed side of the diaphragm when in another position, means for actuating the valve, which is operated by the accelerator in advance of the opening of the throttle valve, and for closing the throttle valve in advance of the actuation of this valve.

2,109,097
ROLLED STOCK HOLDER
Charles E. Bartram, Kansas City, Mo.
Application August 25, 1937, Serial No. 160,805
1 Claim. (Cl. 242—55.2)

A holder of the kind described, comprising a bracket; a spindle secured at one end to the bracket and provided with a pair of longitudinally extending, parallel ears at the other end; a transverse pin in the ears extending across the space between said ears; and a retaining finger having a longitudinal slot formed therein adjacent to and spaced from one end thereof, said pin being extended through said slot, said finger being arched at one corner of said one end to



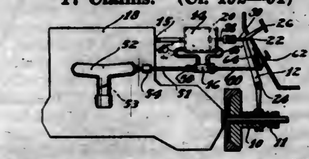
permit its being oscillated about the transverse pin through an arc when the latter is at the outermost end of the slot, said finger being of a width substantially the same as the distance between the ears the other corner of said one end serving as a stop for the finger when the same is at one end of its path of travel and in longitudinal alignment with the spindle.

2,109,098
WHEEL ATTACHMENT
Clyde McClain Baxter, San Clemente, Calif.
Application April 20, 1937, Serial No. 138,019
7 Claims. (Cl. 55—73)



1. In a mechanism of the class described, the combination of a frame, a plurality of crank-axle units on said frame, each crank-axle unit comprising suspension brackets above said frame, a crank-axle suspended on said brackets and spaced from said frame, and said crank-axle provided with a handle adapted to be placed in different positions upon said frame.

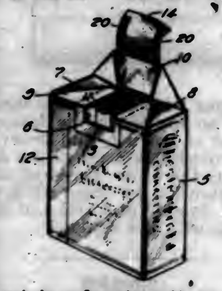
2,109,099
CLUTCH CONTROL MECHANISM
Caleb S. Bragg, Palm Beach, Fla., and Victor W. Kliesrath, Port Washington, N. Y., assignors to Bragg-Kliesrath Corporation, Long Island City, N. Y., a corporation of New York
Application May 15, 1931, Serial No. 537,650
17 Claims. (Cl. 192—91)



1. The combination with a movable member having a retractive tendency, of a double-ended fluid motor, a piston in said motor operatively connected to said movable member, said piston being normally subjected on both of its faces to atmospheric pressure, valve means for controlling said motor to evacuate the fluid from one side of said piston to establish pressure differentials in said motor and effect a movement of said piston and its connected movable member, said valve means also being operative to control said motor to distribute the fluid within the motor, to thereby destroy the existing pressure differential,

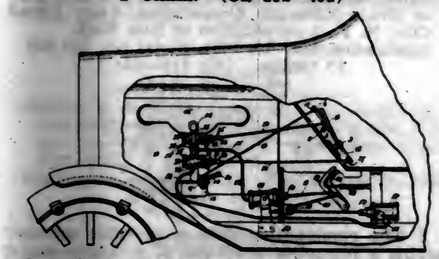
said fluid when distributed exerting a sub-atmospheric pressure, whereby a controlled and predetermined retractive movement of said movable member is effected.

2,109,100
CONTAINER
John D. Brophy, New York, N. Y.
Application September 5, 1935, Serial No. 39,232
2 Claims. (Cl. 229—37)



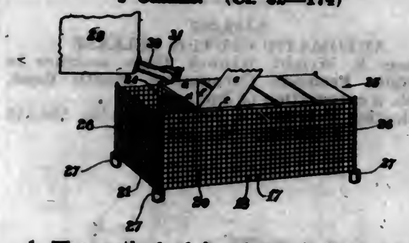
1. In a container for cigarettes and the like, a substantially rectangular casing which is permanently closed at its lower end and is provided with integrally formed closure flaps along its four upper edges, the front closure flap having a centrally disposed rectangular cut-away portion extending from its upper edge to a point below the upper edge of the front wall of the container, the rear closure flap being positioned over the front closure flap when in a closed position, a rectangular member of greater width than the width of the cut-away portion adhesively joined to the front and rear walls and to the closure flaps, retaining the latter in position, the lower front portion of said rectangular member being unsecured to said front wall and forming a tear tab.

2,109,101
CONTROL MEANS FOR AUTOMOBILES
Harold E. Clarke, Somerville, Mass., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application January 2, 1932, Serial No. 584,545
1 Claim. (Cl. 192—.01)



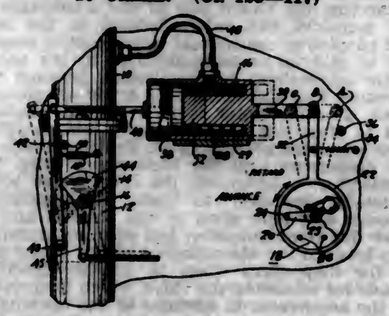
In a device of the character specified the combination of a throttle control pedal, means connecting said pedal with the engine throttle, a clutch control pedal means connecting said clutch control pedal with a clutch operating control means and means for yieldably retaining said pedals respectively in fully retracted positions, such that said clutch control pedal is retracted further than said throttle control pedal said pedals being closely associated and arranged in a manner whereby they may be successively and jointly operated by the foot of the operator when said foot is located in the placement and moved in the manner required to operate said throttle control pedal, said throttle control pedal being provided with an opening within which said clutch control pedal is adapted to enter.

2,109,102
METHOD OF PREPARING AND SERVING ICE CREAM
George W. Cocks, Upper Montclair, N. J., assignor to Marathon Paper Mills Company, Rothschild, Wis., a corporation of Wisconsin
Application October 1, 1936, Serial No. 103,562
9 Claims. (Cl. 62—174)



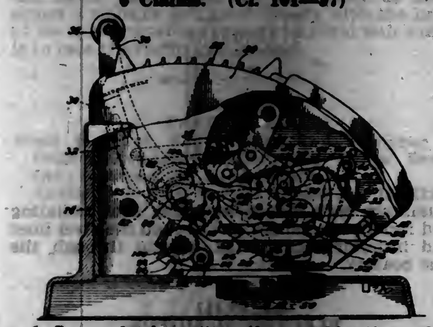
1. The method of forming a bulk package of frozen material to have a predetermined contour in a distortable container which comprises providing a receptacle constructed of distortable material so as to have a predetermined contour, confining the side walls of said receptacle so as to retain said predetermined contour, substantially filling said receptacle with a material which is expansible upon freezing, and subjecting said container to freezing conditions so as to harden said material without substantially bulging or distorting said container from its predetermined contour.

2,109,103
IGNITION TIMING CONTROL
Don Cole, Evanston, Ill., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application September 10, 1934, Serial No. 743,375
10 Claims. (Cl. 123—117)



1. An internal combustion engine having an ignition system including a distributor, a carburetor having a throttle valve, a source of suction posterior to said throttle valve, means connecting said distributor and carburetor and comprising a cylinder operably connected with said distributor, a piston slidably mounted within the cylinder, yielding means urging the cylinder toward one extreme position, connecting means between the cylinder and the source of suction, and connecting means including a throttle actuated cam between said piston and said throttle valve.

2,109,104
CHECK WRITER
Fred W. Dahlberg, Chicago, Ill., assignor to The Hedman Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application February 19, 1936, Serial No. 64,625
6 Claims. (Cl. 101—97)



1. In a check writer, the combination of a platen, selectively set type movable toward and away from the platen to print and scarify amount designations upon the negotiable instrument placed between the platen and type, means for applying ink to the faces of said type comprising an inking pad, means for positively holding said pad stationary during the initial portion of the movement of said segments toward said platen, and means for releasing said holding means after said type have been pressed against said pad.

2,109,105
APPARATUS FOR PROTECTING PILES, PIERS, ETC.
Robert Morse Deull, Montreal, Quebec, Canada, assignor to Gunite and Waterproofing Limited, Montreal, Quebec, Canada
Application October 27, 1936, Serial No. 107,845
In Canada April 7, 1936
4 Claims. (Cl. 61—50)



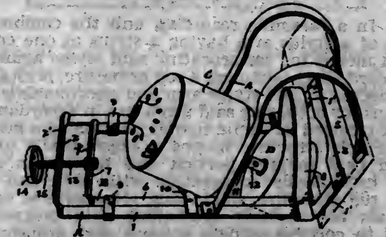
1. A protective enclosure for piles, piers, docks and similar structures comprising vertically spaced top and bottom frame members mounted on the structure to be protected, vertically extending angle irons engaged with corner portions of said frame members, said angle irons being spaced from said structure, and superposed sheeting members extending between the angle irons at each side of said structure, the sheeting members at each side of the protected structure being held against vertical displacement between the top and bottom frame members and being held against horizontal displacement by said angle irons and by interlocking engagement with the sheeting members at the adjacent sides of said structure.

2,109,106
SOCKET
Henry M. Dressel, Chicago, Ill., assignor, by mesne assignments, to Cinch Manufacturing Corporation, a corporation of Illinois
Application March 29, 1934, Serial No. 717,907
2 Claims. (Cl. 173—328)



1. A socket comprising an insulating base, a plurality of contact elements supported by said base and depending therefrom, a thin insulating sheet superimposed on said base and contact members and having a plurality of apertures whereby access may be obtained to said contact members, and an elongated guide in the form of an individual piece having means for attachment to said socket, said guide located above the surface of said insulating sheet and extending along said surface from the outside to the inside of the region bounded by said apertures, said guide adapted to act as a feeler thereby to facilitate the correct entrance of a cooperating tube base into said contact elements.

2,109,107
PORTABLE MOTOR KNIFE GRINDER
John E. Eadie, Jarvis, Ontario, Canada
Application April 26, 1937, Serial No. 138,955
8 Claims. (Cl. 51—173)

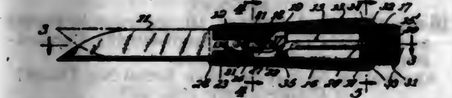


3. A portable blade-grinding device comprising inter-fitting frame members slidably connected and disposed in a common plane, one of said frame members having guide extensions disposed in a plane angularly intersecting the aforesaid plane for guiding contact with the blade to be ground, a grinding wheel rotatably mounted in the other of said frames presenting a flat outer surface for diametrical bevel-grinding contact with the edge of the blade, the axis of said grinding wheel being disposed in a plane angularly intersecting the plane of disposition of said frame and the plane of disposition of said blade-engaging guide means, means for slidably adjusting said grinder-carrying frame in the other frame, and means for rotating said grinding wheel.

2,109,108
KNIFE
Douglas F. Fesler, Woodstock, Ill.
Application August 19, 1935, Serial No. 36,784
2 Claims. (Cl. 30—337)

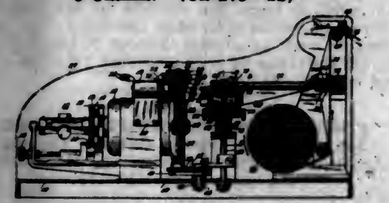
2. In a detachable blade knife, the combination of a blade having a tang with a notch near its

end, a handle having a socket conformed to receive the tang of said blade and hold it against rotation relative thereto, a resilient member for holding said blade against withdrawal from said handle, said member having a hook at one end engageable with the notch in said tang and having a thread formed at its other end, a manually



engageable nut swiveled to said handle and screwed on the threaded end of said resilient holding member, means in said handle to prevent rotation of said member, and a cam surface formed within said handle and operable to disengage the hook portion of said member from said notch when said member is forced into said handle by turning said nut relative thereto.

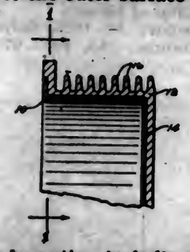
2,109,109
CONTINUOUS SHEET FACSIMILE RECORDER
William G. H. Finch, Spuyten Duyvil, N. Y.
Continuation of application Serial No. 123,770, February 3, 1937. This application March 24, 1937, Serial No. 132,690
5 Claims. (Cl. 178—11)



1. In a facsimile recording unit the combination of a stylus arm having a stylus at one end, with means for reciprocating said stylus against a record sheet including a rod armature, pivotally connected to said stylus arm and electromagnetic means for actuating said armature in accordance with received facsimile signals comprising a magnetic pole structure having a substantially uniform field magnet portion and having an air gap individually cooperating with each end of said rod armature, coil means, responsive to said signals for variably controlling said magnetic field to correspondingly actuate said armature, said rod armature being pivotally and centrally supported within said pole structure and between said air gaps; means for moving said stylus in synchronism with the transmitter scanning operations comprising a member secured to said reciprocating means, and mechanism for oscillating said member; and means for controlling the maximum excursion of said stylus comprising two opposed screw members positioned adjacent the free end of said armature, adjustably positionable with respect to said free armature end whereby said screw members abut said armature when said armature vibrates a predetermined degree.

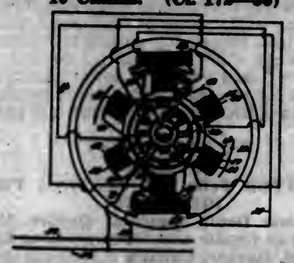
2,109,110
BRAKE DRUM
Frederick C. Frank, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana
Application September 16, 1935, Serial No. 40,719
1 Claim. (Cl. 188—218)

An airplane brake drum comprising a steel liner having a closed end provided with an aperture to receive a wheel supporting member and an open end, a reinforcing web flanged outwardly at the open end of the liner, a thin coating of zinc applied to the outer surface of the liner, an



aluminum body section including heat radiating and rigidifying flanges cast around the steel liner and intimately connected thereto through the zinc coating.

2,109,111
ELECTRICAL MOTOR
Roy E. Gearhart and Everett L. Renshaw, Chicago, Ill.
Application June 15, 1936, Serial No. 85,346
10 Claims. (Cl. 172—36)



1. In an electric motor, an armature, field members located about said armature, an annular compartment carried concentrically with said armature, a series of contact points extending within said compartment; and a gravity biased electric conductor member in said compartment adapted to remain in the lower portion of said annular compartment and co-operate with said contact points as the armature is rotated whereby current is successively delivered to said field members.

2,109,112
CONTROLLING DEVICE FOR WINDOW SHADE ROLLERS
Andrew C. Hansen, Racine, Wis.
Application March 10, 1937, Serial No. 129,976
9 Claims. (Cl. 156—28)



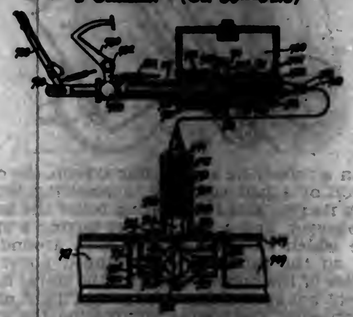
9. A curtain roller fixture comprising a casing, a sheave journaled within said casing and having means accessible through an end wall of the casing and engageable with the end of a curtain roller, said casing also having a pair of vertical walls extending at right angles to said end wall, an operating cord engageable with the sheave and having an end depending from the casing, a brake member engageable with a portion of said cord to apply tension thereto, each of said vertical walls being formed with a slot for receiving a portion of said brake, and an adjustment bolt having a traveling nut thereon engageable with said brake to vary the tension exerted thereby, each of said vertical walls having similar openings for cooperation with said adjustment bolt whereby the same casing may be assembled to form either a right or left hand fixture with the head of the bolt accessible from the vertical wall which is to face the room.

2,109,113
CARBURETOR
Scott F. Hunt, South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application April 2, 1934, Serial No. 718,633
11 Claims. (Cl. 123—119)



1. In a carburetor having an air-horn, a choke shaft journalled in the walls of the air-horn, an unbalanced choke valve mounted on the choke shaft, thermostatic means operably connected with the choke shaft, a source of heat, and heat transmitting means utilizing the latent heat of vaporization of a liquid and including a closed conduit containing a supply of liquid one end of the conduit communicating with a sealed annular chamber surrounding the thermostat and the other end communicating with the source of heat.

2,109,114
HYDRAULIC BOWDEN CONTROL
Henry H. Kerr, Jr., South Bend, Ind., assignor to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application March 18, 1933, Serial No. 661,617
8 Claims. (Cl. 60—54.5)



1. A hydraulic control system having a conduit, a cylinder connected to the conduit, hydraulic control liquid therein, a flexible control cable lying in said conduit and adapted to slidably move therein, a piston in the cylinder and a slidable member longitudinally extending through said piston and connected to said cable.

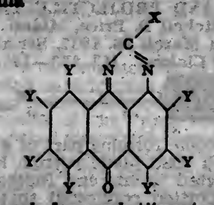
2,109,115
EYESHADE
Otto A. Kleine, Chicago, Ill.
Application July 29, 1935, Serial No. 33,679
13 Claims. (Cl. 2—12)



1. An eye-shade comprising a frame adapted to be mounted in an eye-glass bow, a shade member having a plurality of face portions adjustably mounted in said frame, and resilient friction means engageable directly with a face portion of said shade member and with said frame for yieldably retaining the shade member in various adjusted positions vertically with respect to said frame and bow.

2,109,116
DERIVATIVES OF THE ANTHRAPYRIMIDINE SERIES
Max Albert Kunz, Mannheim, and Karl Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application November 23, 1932, Serial No. 644,134. In Great Britain May 18, 1931
5 Claims. (Cl. 260—32)

1. Anthrapyrimidines corresponding to the general formula



in which X stands for a substituent selected from the group consisting of Cl, Br, I, F, —NHR, —NHR$_1$, —OR, —SR, —CN, —N=N—Cl, wherein R stands for a radicle of the benzene or anthraquinone series and R$_1$ stands for an alkyl radicle and up to three of the positions indicated by Y may be substituted by a substituent selected from the group consisting of halogen, the alkyl, aryl, alkoxy, aryloxy, amino, acylamino and nitro groups at least one position marked Y being substituted by an acylamino group.

2,109,117
ALUMINIUM ALLOY
Yonesuke Matsunaga, Naka-ku, Yokohama, Japan
No Drawing. Application May 8, 1936, Serial No. 78,721. In Japan May 12, 1935
1 Claim. (Cl. 75—142)

An aluminium alloy consisting of 2 to 5% magnesium, 6 to 14% zinc, 0.3 to 2% copper, 0.1 to 0.5% iron, 0.1 to 1.0% silicon and the remainder aluminium, the content of silicon being always greater than that of iron.

2,109,118
MANUFACTURE OF ARTICLES FROM STEEL ALLOYS
Friedrich Karl Naumann, Essen, Germany, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany
No Drawing. Application March 3, 1934, Serial No. 713,925. In Germany March 20, 1933
4 Claims. (Cl. 23—252)

1. Articles which in their normal use are sub-

jected to the attack of hydrogen at high hydrogen partial pressure and high temperature, said articles being made of a steel alloy containing carbon in an amount not exceeding 0.4%, over 0.3% and up to 2% of one or more elements of group V of the Periodic table which form carbides in the steel, metal from the group tungsten and molybdenum in an amount not exceeding 3%, and chromium in an amount less than 5%, the remainder substantially all iron.

2,109,119

MANUFACTURE OF ARTICLES FROM STEEL ALLOYS

Friedrich Karl Naumann, Essen, Germany, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany

No Drawing. Application March 3, 1934, Serial No. 713,926. In Germany March 20, 1933
5 Claims. (Cl. 23—252)

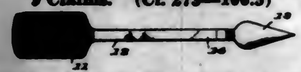
1. Articles which in their normal use are subjected to the attack of hydrogen at high hydrogen partial pressure and high temperature, said articles being composed of a steel alloy containing an effective amount not over 5% of one or more elements selected from the group zirconium and thorium, and not over 1% of carbon, the remainder substantially all iron.

2,109,120

GAME AND PROJECTILE THEREFOR

Mitchell D. Price, Miami, Fla.

Application March 26, 1937, Serial No. 133,237
9 Claims. (Cl. 273—106.5)



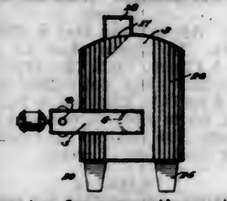
1. A projectile forming part of a casting game comprising a rigid plane portion having a solid head connected to one end thereof and a rigid plane tail portion connected to the other end thereof integral therewith and disposed at right angles thereto, said rigid portions and head having substantial thickness and weight.

2,109,121

METHOD AND APPARATUS FOR GRADING PARTICLES DIFFERING IN SPECIFIC GRAVITY

Frederick Walter Therold, Niagara Falls, N. Y., assignor to Chisholm-Ryder Co., Inc., Niagara Falls, N. Y.

Application December 22, 1933, Serial No. 703,627
14 Claims. (Cl. 209—156)



1. In apparatus for separating articles of different specific gravity from a mixture of articles, a tank adapted to contain liquid, a circular top plate for the tank, a pipe extending horizontally inward beneath the top plate, a delivery pipe extending from said pipe through the top plate, a cylinder extending upward from the periphery of the top plate, a strip secured at its lower edge to the top plate and extending in a spiral from the upwardly extending delivery pipe to form with the cylinder at the periphery of the top plate a continuous channel of uniform size, a horizontal plate in said channel at its outlet end above the parallel with the top plate dividing the channel into an upper and a lower passage, means for conducting liquid from the outlet end of the channel back to the tank, means for causing liquid to circulate from the tank through the channel and back to the tank, and means for supplying articles to be separated arranged to deliver the articles downward in line with the delivery pipe onto the column of liquid discharged from it.

2,109,122

MAKING FERROCHROMIUM

Marvin J. Udy, Niagara Falls, N. Y.

No Drawing. Application May 3, 1935, Serial No. 19,749
14 Claims. (Cl. 75—11)

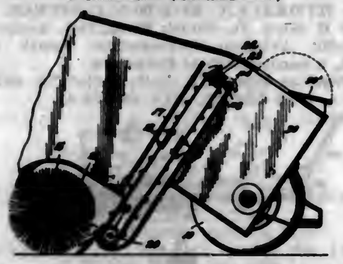
1. In making ferrochromium of high chromium content and of controlled carbon content from chromite ores containing chromium and iron in an electric furnace with the aid of carbon as reducing agent, the continuous process which comprises the continuous step of smelting the ore with an amount of carbon adjusted to reduce both the chromium and iron of the ore and to supply a predetermined content of carbon in the ferrochromium and in the presence of CaO with the ore in amount sufficient to form with the impurities present a slag having a molecular ratio of bases to acids about 2:1 and at a temperature sufficient to make such slag thinly fluid and free-running and separating the molten slag and the molten ferrochromium.

2,109,123

GUARD ROLLER FOR SWEEPING MACHINES

Benjamin B. White and Charles H. Young, Miami, Fla., assignors of one-third to E. F. P. Brigham, Miami, Fla.

Application September 12, 1936, Serial No. 100,532
5 Claims. (Cl. 214—17)



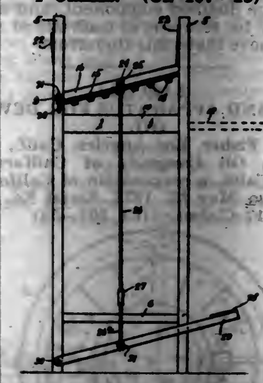
1. In a conveying and storing system, the combination of a belt conveyor, a receiving hopper having its rear side terminating below the top of the conveyor, and a guard roller having a spiral flange which extends at least once around the roller on the face thereof arranged above the rear side of the hopper and with the spiral flange adjacent but spaced from the return flight of the belt conveyor, and means for rotating the guard roller in the direction of movement of the upper flight of the conveyor so that the guard roller shall prevent refuse accumulating between the rear side of the hopper and the return flight of the belt conveyor and the spiral flange shall assist in delivering material from the conveyor to the hopper.

2,109,124

DOUGH PRESSING MACHINE

Ezel G. Young, Detroit, Mich.

Application April 22, 1937, Serial No. 138,653
4 Claims. (Cl. 107—15)



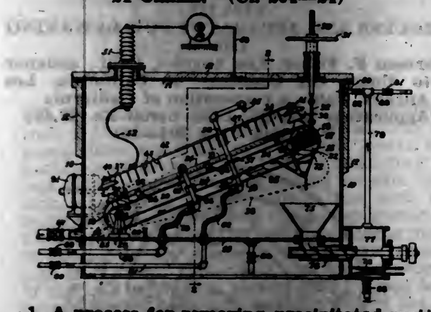
1. In a machine for pressing dough or other plastic material, a supporting bed or platform, supporting legs for said platform having upper ends extending upwardly beyond said platform, a presser member disposed within the confines of the upper ends of said supporting legs, and positioned above said bed, spring devices suspending said presser member from the upper ends of said legs, two opposed legs above said bed being provided with slots, and a pivot rod for said presser member extending transversely of the latter adjacent one edge of the bed and having free ends working in said slots.

2,109,125

PROCESS AND APPARATUS FOR DEWAXING OILS

Blair G. Aldridge, Los Angeles, and Basil Hopper, Palos Verdes Estates, Calif., assignors to Union Oil Company of California, Los Angeles, Calif., a corporation of California

Application May 29, 1936, Serial No. 82,510
21 Claims. (Cl. 204—24)



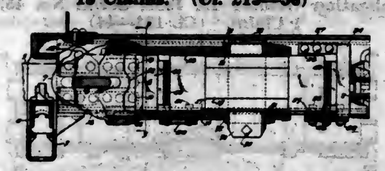
1. A process for removing precipitated matter from liquids comprising flowing a film of said liquids over the surface of a depositing electrode and establishing an electric field between said depositing electrode and a second ionizing electrode substantially surrounded by a gaseous medium and which is directed toward the surface of said depositing electrode, said electric field being of sufficient intensity to produce an electrical windage impinging upon said film whereby precipitated matter in said liquid is deposited on said depositing electrode and moving said depositing electrode surface in a direction countercurrent to the flow of said liquid film.

2,109,126

DRAFT RIGGING

Donald S. Barrows, Rochester, N. Y., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland

Application May 19, 1930, Serial No. 453,667
18 Claims. (Cl. 213—56)



4. In railway draft rigging, in combination with draft sills, a coupler, a draft gear, a rear follower for said gear, means connecting said coupler and gear for moving the latter forward independently of said rear follower, a backstop normally engaged by said rear follower for limiting rearward movement thereof, supporting means underlying said follower, and a stop member connected to said supporting means forwardly of said follower for holding it in engagement with said backstop.

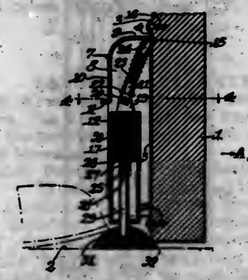
8. In railway draft rigging, in combination with draft sills, a drawbar and connected vertical yoke-acting means, a friction draft gear comprising a column member, a set of friction elements cooperating with said column member at each end, a follower engaging said friction elements at each end of the gear, front stop means for preventing forward movement of the front follower while permitting rearward movement thereof, and back stop means preventing rearward movement of the rear follower, means for maintaining said followers in upright positions, the connection between the drawbar and yoke-acting means allowing rearward buffing movement of said drawbar independently of said yoke-acting means, said yoke-acting means being connected to said column member for actuating only the front elements on draft, said drawbar engaging the front follower directly on buff for actuating the front friction elements, and moving the column member to actuate the rear friction elements.

2,109,127

DOOR STOP

Otto E. Carlson, Vernonia, Oreg.

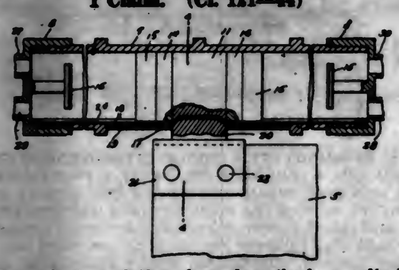
Application June 8, 1937, Serial No. 147,125
2 Claims. (Cl. 292—69)



1. In a device of the class described, a casing having a stop, a lever fulcrumed intermediate its ends on the casing, a plunger slidable on the

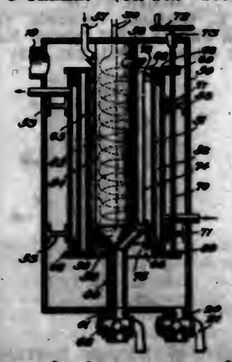
lever, a foot on the lower end of the plunger and shaped to be engaged beneath a door, spring means for moving the plunger outwardly with respect to the lever, and spring means assembled with the casing and with the upper end of the lever for swinging the lever and the plunger upwardly into an approximately horizontal position, in engagement with the stop.

2,109,128
CLOSURE OPERATOR
Jesus Leal Carrillo, Long Beach, Calif.
Application October 15, 1935, Serial No. 45,138
1 Claim. (Cl. 121—44)



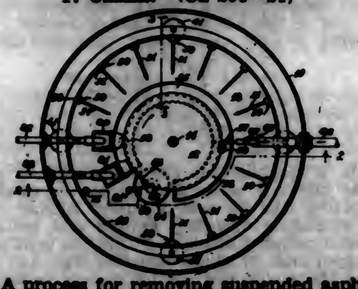
In a device of the class described, a cylinder provided with an elongated slot therein, the sides of said slot being stepped inwardly, a piston mounted for reciprocation in said cylinder, said piston having a shank extending therefrom and operating in said slot, the sides of the shank being stepped to register with the stepped sides of the slot, means for connecting the respective ends of the cylinder with a source of air supply for reciprocating said piston, and means for sealing the slot in the cylinder without impairing the reciprocatory movement of the cylinder, said means including a flexible tape anchored at its respective opposite ends to said cylinder, said tape extending longitudinally in said slot and said shank having an opening therethrough accommodating said tape.

2,109,129
APPARATUS FOR HIGH VACUUM DISTILLATIONS
Eric William Fawcett and John Lewis McCowen, Northwich, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
Application July 30, 1936, Serial No. 93,338
In Great Britain March 7, 1934
8 Claims. (Cl. 202—205)



3. Apparatus for high vacuum distillation of materials yielding upon distillation at least one non-fluent component, comprising a chamber adapted to be evacuated, means providing a hot evaporating surface in the chamber, means providing a cool condensing surface in the chamber closely spaced from the hot surface and adapted to receive the distilled component, and means in the chamber for scraping at least one of said surfaces to remove materials therefrom.

2,109,130
PROCESS AND APPARATUS FOR DEWAXING OIL
Harmon F. Fisher, Los Angeles, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California
Application May 25, 1935, Serial No. 23,468
17 Claims. (Cl. 204—24)



4. A process for removing suspended asphaltic bodies from oil which comprises applying a film of said oil to the surface of a depositing electrode of extended area and establishing an electric field between said depositing electrode and a second electrode of relatively small area as compared with said depositing electrode, said second electrode being substantially surrounded by a gaseous medium and spaced from said film of oil and directed toward the surface of said depositing electrode and said electric field being of sufficient intensity to deposit the suspended asphaltic bodies in said film of oil on said depositing electrode and depositing said asphaltic bodies in a layer on said depositing electrode surface under the influence of said electric field.

2,109,131
PROCESS AND APPARATUS FOR DEWAXING OIL
Harmon F. Fisher, Los Angeles, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California
Application May 25, 1935, Serial No. 23,469
10 Claims. (Cl. 204—24)



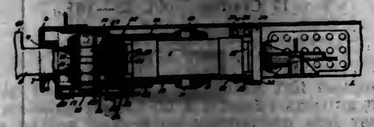
1. A process for removing precipitated matter from oil, comprising applying the mixture in a layer to a depositing electrode surface, maintaining an ionizing electric field between a pair of electrodes adjacent to said depositing electrode surface sufficient to ionize the intervening gases, impressing another electric potential between one of said pair of ionizing electrodes and said depositing electrode sufficient to move the said ionized gas in the form of an electrical windage impinging upon said oil layer on said depositing electrode surface whereby precipitated matter in said oil is deposited on said depositing electrode.

2,109,132
CIGARETTE
Walter C. Bigley, Toledo, Ohio
Application February 21, 1936, Serial No. 65,119
5 Claims. (Cl. 131—52)



1. A cigarette comprising a wrapper, one end portion of said wrapper including inwardly tucked opposite side portions forming a substantially tapered tip, and an ignitable head on the free end portion of said tip.

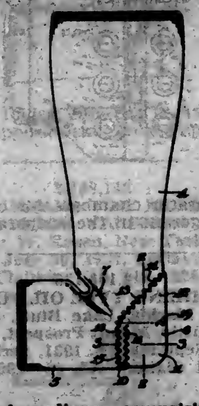
2,109,133
DRAFT RIGGING
Byers W. Kadel, Baltimore, Md., assignor to The Symington-Gould Corporation, Rochester, N. Y., a corporation of Maryland
Application March 2, 1931, Serial No. 519,240
16 Claims. (Cl. 213—22)



3. In railway draft rigging, in combination with a drawbar, and vertically spaced links disposed above and below said drawbar, means connecting said drawbar and links, a cushioning device comprising a housing resting on said lower link, cushioning means cooperating with said housing at each end, stop means for preventing forward movement of the front cushioning means while permitting rearward movement thereof, and stop means preventing rearward movement of the rear cushioning means, said housing being provided with trunnions extending from the upper and lower surfaces thereof, the rear ends of said links being pivotally mounted on said trunnions for actuating only the front cushioning means on draft, the means connecting said links and drawbar being constructed movable with respect to said links whereby said drawbar actuates both front and rear cushioning means on buff.

16. In railway draft rigging, in combination with draft sills, a backstop connecting said sills, and an integral draft gear carrier secured to said sills and disposed forwardly of, and below, said backstop and having a rear portion offset downwardly to provide a shoulder parallel to and forward of the front face of the backstop for holding an associated rear follower in position in front of said backstop.

2,109,134
SURGICAL APPLIANCE
Arthur R. Kendrick, East Orange, N. J., assignor to James R. Kendrick Co., Inc., Philadelphia, Pa., a corporation of Pennsylvania
Application October 30, 1936, Serial No. 108,437
2 Claims. (Cl. 2—239)



2. A surgical appliance comprising a tubular leg section, a tubular foot section, and a separately formed heel piece, each of said sections being formed of knit fabric having stretchable elastic strands inlaid in the body thereof, the forward portions of said sections being united and the rearward portions thereof being separated by a heel opening at which a portion of the fabric of each section terminates in a heel edge facing the heel edge of the other section, and said heel piece closing said opening and being formed of fabric which is thinner than the fabric of said sections and extending above the heel edge of the leg section and having the lower edge of the leg section unattached to the heel piece throughout a portion of the lower edge of the leg section, means for attaching the central portion of the heel edge of the leg section to the heel piece, means for attaching the upper edge portion of the heel piece to the leg section in spaced relation to the heel edge thereof, and means for attaching the lower edge portion of the heel piece to the foot section.

2,109,135
CHILLING APPARATUS
Verney E. Kreft, Pittsburgh, Pa., and Arthur Bee, Newark, N. J., assignors to Carbondale Machine Corporation, Harrison, N. J., a corporation of New Jersey
Application February 5, 1937, Serial No. 124,190
14 Claims. (Cl. 62—114)

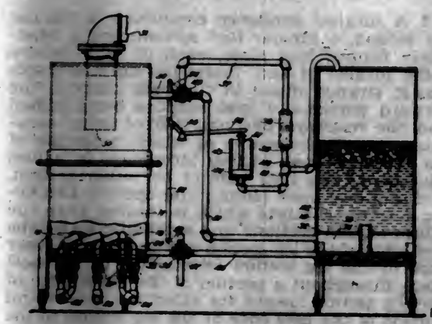
1. In a chilling apparatus, a conduit for conducting liquid to be treated comprising a plurality of vertically spaced pipe sections arranged in serially connected superposed tiers, evaporator jackets individual to said horizontal pipe sections and forming evaporator chambers about the pipe sections, a distributor for delivering

liquid refrigerant to said refrigerant chambers, and means in said distributor individual to each



tier of evaporator chambers for controlling the level of refrigerant in the evaporator chambers.

2,109,136
ATOMIZING TYPE OIL FOGGER
Matthew G. Markle, Lake Bluff, and Loren W. Tuttle, Mount Prospect, Ill.
Application September 8, 1931, Serial No. 561,629
1 Claim. (Cl. 48—190)



A method of fogging a flow of gas as it passes from a transmission conduit to a distribution conduit, which comprises reducing the pressure of so much gas as is required to supply the demand upon the distribution system, dividing the flow into two streams, a main stream and a fogging stream, reducing the pressure of the main stream substantially without doing external work, reducing the pressure of the fogging stream and simultaneously bringing said fogging stream at high velocity into atomizing contact with a stream of fogging oil to load said latter gas stream with oil fog, providing for relatively free expansion of said high velocity flow during atomization to prevent impingement and agglomeration of said fog particles, and maintaining the level of the fogging oil substantially constant whereby said high velocity flow lifts the oil a relatively small but constant distance so that minimum energy of flow is employed in lifting the oil.

2,109,137
FILLER CAP FASTENER
Harold A. Marsh, Brooklyn, N. Y.
Application August 4, 1936, Serial No. 94,131
1 Claim. (Cl. 292—301)



A fastener construction for a filler pipe closure including a housing having a bore fitting on said filler pipe, separate magnet and latch compartments, a top provided with an aperture registering with said bore, a hinged cap closing said aperture, said cap being hinged to open inwardly and having a flange seating on the under surface of said top, and spring means normally holding said cap in closed position, said fastener construction comprising a pivoted latch in said latch compartment normally underlying the free edge of said cap to hold the same in closed position, an armature of magnetic material carried on said latch, an electromagnet in said magnet compartment cooperating with said armature to release said latch and a wall of nonmagnetic material separating said magnet compartment from said latch compartment to isolate said magnet compartment whereby any vapors within said pipe are prevented from coming in contact with any part of the electrical circuit, said electromagnet, when energized, acting through said wall to attract said armature so as to release said latch and permit said cap to open inwardly.

2,109,138
TOOTH PINS FOR ARTIFICIAL TEETH
Frederick Manten, East Orange, N. J., assignor to Baker & Company, Inc., a corporation of New Jersey
Application September 23, 1935, Serial No. 42,639
In Canada October 5, 1934
17 Claims. (Cl. 32—10)

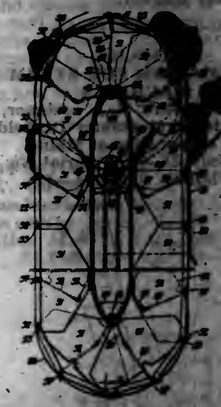


1. Dental accessories formed of a base metal covered with a plurality of layers of different corrosion resistant precious metals one of which is of a nature to permit diffusion thereinto of another under soldering temperatures, and an intermediate thin coating of a diffusion preventing corrosion resistant metal between said layers, whereby diffusion of the second-mentioned layer into the first-mentioned layer is prevented.

2,109,139
LOWERING APPARATUS
Frank Pardee, Jr., Hazleton, Pa., assignor to Anthracite Separator Company, Hazleton, Pa., a corporation of Pennsylvania
Application June 23, 1937, Serial No. 149,797
11 Claims. (Cl. 198—146)

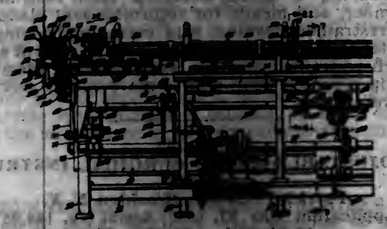
1. An apparatus of the character described comprising a pair of flexible members each carrying a series of cheek plates, each cheek plate being secured to its respective flexible member

with freedom for motion relatively thereto, and reversible load carrying elements each supported



at one end by said cheek plates and at its other end by said flexible members.

2,109,140
AUTOMATIC SPINDLE RESETTING MECHANISM
Max Richter, West Reading, and Julius Barcus, Wyomissing, Pa., assignors to Textile Machine Works, Wyomissing, Pa., a corporation of Pennsylvania
Application May 22, 1935, Serial No. 23,834
29 Claims. (Cl. 66—89)



7. In the method of producing full fashioned knit stocking blanks on a straight knitting machine having narrowing mechanism and resetting means therefor, the step which comprises initiating the knitting of the welt portion of the stocking during the resetting of the narrowing mechanism.

2,109,141
GARMENT HANGER AND FOLDER
Gus Richter, New York, N. Y.
Application April 6, 1937, Serial No. 135,224
3 Claims. (Cl. 212—135)

2. A garment folder and hanger device comprising in combination with a container having two opposed walls, a pair of side rails spaced apart a less distance than the inside dimension of the container between said two opposed walls of the container, a plurality of fixed cross-bars extending transversely of said rails for retaining the rails in spaced relation, opposed cleats on said opposed walls, means for pivotally mounting the side rails at one end of each upon said cleats, the opposite ends of said rails having resilient portions normally spreading to resiliently engage said walls for retaining the device within the container, and a cross bar about which garments may be folded, said bar having means for attaching its opposite ends to the opposed cleats.



2,109,142
CLAMPING MEANS FOR MIRRORS FOR MOTOR VEHICLES
Abraham W. Rosen, New York, N. Y.
Application July 30, 1937, Serial No. 156,473
3 Claims. (Cl. 248—226)



1. A clamp adapted to be fastened to the door flange of a motor vehicle consisting of an elongated base, having its center rigidly connected to a mirror carrying rod and having one of its long sides extended to form a U to slip over the said flange, an elongated plate loosely fitted within the base having a central guide pin slidingly engaging a bore within the said rod and having a resilient cushion, and a set screw at each side of the said rod and through the elongated ends of the said base adapted to force the said plate and cushion uniformly against the said flange.

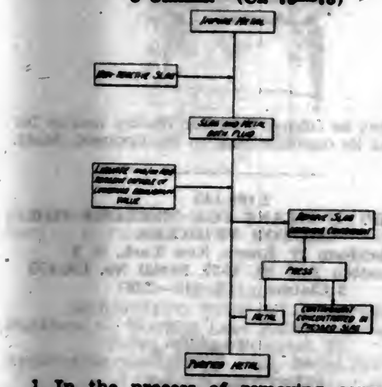
2,109,143
DRY DISINFECTANT FOR SEEDS
Fritz Wolff, Berlin, Germany, assignor to Schering-Kahlbaum A. G., Berlin, Germany, a corporation of Germany
No Drawing. Application March 20, 1934, Serial No. 716,503. In Germany March 22, 1933
3 Claims. (Cl. 167—33)

1. A non-dusting, dry disinfectant for seeds of good adhering qualities comprising fatty water-insoluble substances having an absorptive capacity for water taken from the class consisting of lecithin, isocholesterin, wool fat and its components, and fungicidal compounds, said disinfectant being substantially free from water-repellant fatty and waxy substances.

7. A non-dusting, dry disinfectant for seeds of good adhering qualities comprising fatty water-insoluble substances having an absorptive capacity for water taken from the class consisting of lecithin, isocholesterin, wool fat and its components, and fungicidal compounds, said

compounds being taken from the class consisting of mercury and copper compounds, said disinfectant being substantially free from water-repellant fatty and waxy substances.

2,109,144
PROCESS OF TREATING METAL
Jesse O. Betterton and Yurii E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y., a corporation of New Jersey
Application August 17, 1932, Serial No. 685,586
Renewed August 22, 1937
5 Claims. (Cl. 75—78)



1. In the process of removing copper from lead by incorporating a decopperizing reagent in the molten lead whereby copper is concentrated as a dross, the improvement which comprises conducting the operation in the presence of a fluid slag comprising a mixture of zinc chloride and sodium chloride thereby concentrating the copper in a combined slag and dross of small weight.

2,109,145
DIAPHRAGM SWITCH
Paul M. Farmer, Maplewood, N. J., and Francis C. Evans, Great Kills, Staten Island, N. Y., assignors to American District Telegraph Company, Jersey City, N. J., a corporation of New Jersey
Application June 28, 1935, Serial No. 28,858
8 Claims. (Cl. 200—83)



1. The combination of a metallic air operated apparatus comprising a pair of diaphragms having outer boundary margins, a washer disposed between said margins to provide a space between the diaphragms, one of said diaphragms having therein an opening, and there being a tubular coupling communicating with said space through the opening, said coupling including a pair of members which embrace the associated diaphragm around the margin of the opening; clamping means including another washer, and means integral with one of said margins and extending therefrom, said second means having a flange extending inwardly over the second mentioned washer, and an inner stiffening edge portion on said flange, said portion being engaged against the associated washer at the inner circumferential face thereof.

2,109,146
CUT-OFF MECHANISM FOR STRAW MAKING MACHINES
Karl E. Garling, Newark, N. J., assignor, by mesne assignments, to Horst-Forster-Dixfield Co., New York, N. Y., a corporation of Maine
Application July 21, 1932, Serial No. 623,761
9 Claims. (Cl. 164—42)



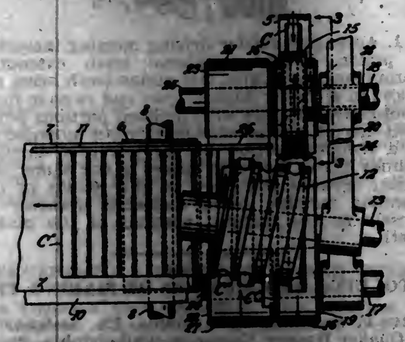
1. A mechanism as characterized having a cutting member for severing a moving straw, said member comprising an elongated flat thin metal blade adapted to yield to the pressure of the straw in the direction of movement of said straw when passing through said straw, and means for moving said blade through said straw, said means embodying a spring-actuated latch-restrained member, and means for returning said blade to its restrained position, said means embodying a flattened member protruding into the path of said latch-restrained member, said flattened member being mounted upon and to move with a power-driven wheel.

2,109,147
ADJUSTABLE ANGLE SURGICAL INSTRUMENT
Patrick F. Greene, Brooklyn, N. Y.
Application May 27, 1937, Serial No. 144,967
12 Claims. (Cl. 128—321)



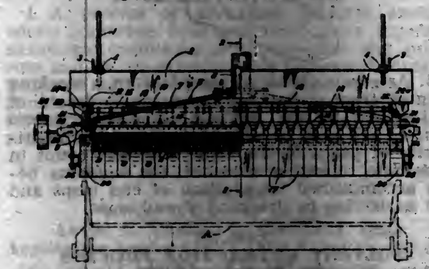
1. In a device of the character described and in combination, a pair of handle members, a pivotal connection therebetween, the ends of said handle members extending beyond said pivotal connection to form a pair of lever arms; a pair of jaw members, a pivotal connection therebetween, the ends of said jaw members extending beyond said pivotal connection to form a pair of short arms; and means for controlling the opening and closing movement of said jaw members from said handle members and for permitting relative angular movement between said handle members and the plane of said jaw members comprising pivotal connections between said lever arms and said short arms.

2,109,148
ROTARY CIGARETTE CATCHER
George W. Gwinn, Hewlett, N. Y., assignor to American Machine & Foundry Company, a corporation of New Jersey
Application June 23, 1936, Serial No. 27,923
21 Claims. (Cl. 198—25)



1. In a cigarette catcher, the combination with mechanism for receiving and guiding a line of cigarettes severed from a cigarette rod in a cigarette machine cutoff, of a single rotary means having its axis of rotation transverse to the cigarette rod for moving the severed cigarettes transversely from the path of the cigarette rod, said means having opposed spiral faces straddling the cigarette while moving it laterally so as to control the momentum of its transverse movement.

2,109,149
BURNER FOR SINTERING MACHINES
Ralph B. Horn, Brighton, Ala., assignor to The Republic Steel Corporation, Cleveland, Ohio, a corporation of New Jersey
Application May 14, 1937, Serial No. 142,634
9 Claims. (Cl. 266—21)



1. A burner for a sintering machine of the continuous type comprising a retort having a combustion chamber and a plurality of flame outlets extending thru the bottom thereof, and a mantle for said outlets comprising a plurality of individually supported bricks.

2,109,150
METHOD AND APPARATUS FOR HANDLING RUBBER ARTICLES
Edward S. Killian, Akron, Ohio, assignor to Frank B. Killian, as trustee
Application January 19, 1937, Serial No. 121,303
10 Claims. (Cl. 223—1)



1. The method of unrolling a thin, tubular, rubber article, closed at one end, with the cylindrical side wall thereof rolled upon itself to a point adjacent the closed end wall, which includes the steps of creating a swiftly moving stream of gaseous fluid through a passage, bringing the rolled article into said stream in such a manner that the stream will move the article along the passage, and unrolling the article by subjecting it to the action of said stream and to frictional contact with the walls of the passage as it moves along the passage.

2,109,151
PROCESS FOR ARTIFICIALLY AGING ALCOHOLIC LIQUIDS AND PERFUMES
Georg Alexander Krause, Munich, Germany, assignor, by mesne assignments, to Katadyn Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application August 16, 1933, Serial No. 685,502. In Germany August 16, 1932
In Germany August 16, 1933
5 Claims. (Cl. 204—26)

1. A process for artificially rapidly aging highly alcoholic liquids which consists in solely adding to the liquid to be aged predetermined amounts of a colloidal solution of an oligodynamically active metal.

2,109,152
SECURING PLATE ON PRINTING PRESS CYLINDERS
Charles A. Meisel, Milton, Mass., assignor to Meisel Press Manufacturing Company, Boston, Mass., a corporation of Massachusetts
Application March 26, 1937, Serial No. 133,147
7 Claims. (Cl. 101—415.1)



1. In a printing press cylinder, means for clamping and tensioning interdigitated plate ends comprising a plurality of members of substantially uniform cross section set within the cylinder and defining between them longitudinally extending cylindrical bores and intersecting slots open-

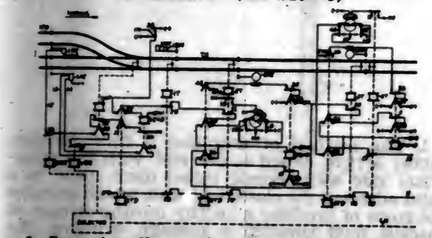
ing substantially tangentially from the bores to the surface of the cylinder, shafts rotatably received in said bores having cut-away portions and provided in the cut-away areas with projections to engage the plate ends, and means for turning the shafts alternatively to present said projections at the inner ends of the slots for engagement with plate ends entered therethrough or to retract them within the bores.

2,109,153

TRAFFIC DIRECTION CONTROLLING SYSTEM FOR RAILROADS

Robert M. Phinney, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application December 28, 1933, Serial No. 704,287
22 Claims. (Cl. 246—3)



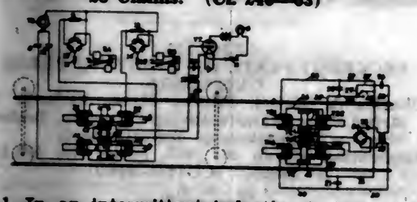
1. In a signaling system for railroads, the combination with a single track section connecting two adjacent track sections, of a first signal for governing traffic in one direction and a second signal for governing traffic in the other direction through said section, a single control relay included in a circuit controlled by the next signal in advance of either said first or said second signal for controlling said first and second signals, manually controlled means for selecting the direction from which said relay is controlled, and a track relay controlled over one of said sections for preventing the control of said control relay by said next signal in advance.

2,109,154

INTERMITTENT INDUCTIVE TRAIN CONTROL SYSTEM

Wade H. Reichard, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application March 23, 1936, Serial No. 70,259
28 Claims. (Cl. 246—63)



1. In an intermittent inductive train control system, vehicle equipment comprising, a control coil in a normally resonant circuit normally energized with alternating current, normally energized relay means responsive to a decrease in the normal current in said circuit, a normally de-energized clear indication receiving coil having the minimum of magnetic coupling with said coil in said circuit; and trackway means effective in one controlling condition to influence said control coil on the vehicle inductively to cause effective de-energization of said relay means, and in another clear controlling condition to receive energy inductively from said resonant circuit and induce a momentary voltage pulse in said clear indication coil and without de-energization of said relay means.

2,109,155

ENGINE STARTER DRIVE MEMBER

Younsten Sekella, Elmira, N. Y., assignor to Eclipse Machine Company, Elmira, N. Y., a corporation of New York

Application November 24, 1936, Serial No. 112,548
8 Claims. (Cl. 74—7)



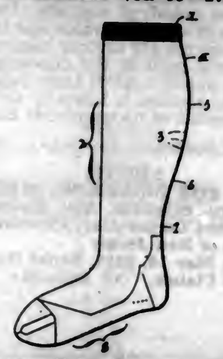
1. An engine starter driving member including a pinion having peripheral teeth extending throughout its length, said pinion teeth being reduced in diameter adjacent one end so as to form abutment shoulders with inclined portions adjacent thereto, and an annular member mounted on said reduced portion having inwardly directed splines fitting the tooth spaces of the pinion, the metal between the bases of the splines in the annular member being displaced inwardly to closely fit the inclined portions of the pinion teeth.

2,109,156

STOCKING AND METHOD OF MAKING THE SAME

Otto F. Smetana, Philadelphia, Pa., assignor to Quaker Hosiery Company, Philadelphia, Pa., a corporation of Pennsylvania

Application March 21, 1936, Serial No. 70,027
8 Claims. (Cl. 66—178)



1. As a new article of manufacture, a stocking formed from a flat fashioned blank devoid of fashioning marks, whereof successive fabric courses are knit by alternative use of a multiplicity of yarns of the same kind and count in a definite repeating sequence, the widening being accomplished by addition of end loops and the narrowing by dropping of end loops.

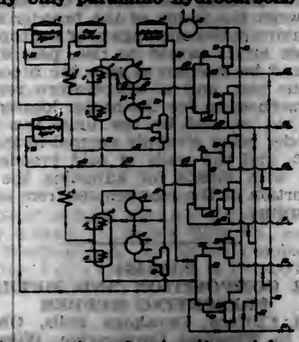
2,109,157

SOLVENT EXTRACTION PROCESS

Sijbren Tijmstra, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif., a corporation of Delaware

Application February 4, 1936, Serial No. 62,296
5 Claims. (Cl. 196—13)

1. A process for separating a hydrocarbon fraction into paraffinic and naphthenic portions, comprising the steps of distilling the hydrocarbon fraction in the presence of a separating agent of the type of selective solvent for naphthenic hydrocarbons, to produce a distillate containing substantially only paraffinic hydrocarbons and the



separating agent, and extracting at least a portion of the remainder of the hydrocarbon mixture with a selective solvent for naphthenic hydrocarbons under conditions causing the formation of two liquid phases containing paraffinic and naphthenic portions, respectively.

2,109,158

MERCAPTAZOLE DERIVATIVES AND THEIR PROCESS OF PREPARATION

Jan Teppema, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Original application July 7, 1934, Serial No. 734,232. Divided and this application July 7, 1934, Serial No. 734,230
23 Claims. (Cl. 260—44)

3. The reaction product obtainable by reacting, with the elimination of water, a 1-mercaptazole in which the mercapto group is —SH, formaldehyde, and an ammonium sulphide.

2,109,159

PROCESS FOR PREPARING FURFURYLAMINES

Charles F. Winans, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application May 15, 1935, Serial No. 21,667
17 Claims. (Cl. 260—54)

1. A process of preparing furfuryl amines which comprises hydrogenating under superatmospheric conditions of temperature and pressure and in the presence of a base metal hydrogenation catalyst, furfural and a solution of ammonia in an inert organic solvent which dissolves furfural and ammonia, the ammonia being present in excess.

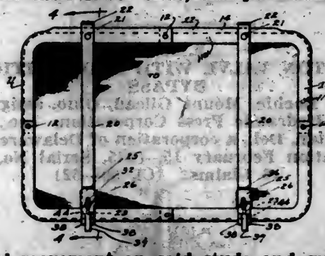
2,109,160

AUTO WINDOW SCREEN

Anton M. Yurkovich, Cleveland, Ohio

Application September 21, 1936, Serial No. 101,709
2 Claims. (Cl. 156—14)

3. A screen for automotive vehicle windows comprising a sheet of screen fabric, a thin metallic U-shaped frame embracing the edges of said fabric, and extending above the upper reach of said fabric for insertion in an automotive window frame, a pair of vertically extending strips secured to said frame, the upper end of each strip extending above the upper edge of said frame and being bent outwardly and then upwardly to engage the inner surface edge of the window frame, threaded studs carried by respective strips adjacent their lower ends, clamps mounted for



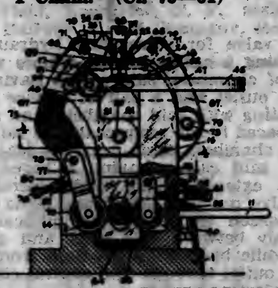
vertical movement on said studs and guidingly embracing their respective strips, each clamp being provided with means to engage opposite faces of the lower edge of the window frame to prevent relative movement between the screen and the frame, and manually operable means to secure said clamps to their respective strips.

2,109,161

SAW SETTING MACHINE

Carl G. Biro, Marblehead, Ohio

Application May 21, 1937, Serial No. 144,026
1 Claim. (Cl. 76—61)



In a saw setting machine, a frame having a fixed part for engaging a lateral surface of the saw, a clamping member pivotally supported on the fixed part for engaging the other lateral surface of the saw and clamping the saw against the fixed part, a pair of rollers, a pair of depending arms pivotally connected to the clamping member for rotatably supporting the rollers, means for intermittently moving consecutive pairs of teeth relative to the clamping member and the fixed part, a U-bar slidably supported on the frame of the machine and enclosing the fixed part and the clamping member and slidably movable along the end surfaces of the fixed part and the clamping member and having sloping surface parts for engaging the back of the saw, means for adjustably securing the sliding bar in position for adjustably positioning the saw relative to the fixed part and the clamping member, a pair of saw setting levers having finger parts for engaging consecutive pairs of teeth operative to bend the teeth laterally along the line of their bases in opposite directions, a pair of anvils for engaging and cooperating with the end parts of the fingers to shape the teeth, the opposing surfaces of the anvils and the fingers having like inclined surfaces, a pair of rollers, a pair of pivoted arms for supporting the last-named rollers

on the said levers, a cam member for operating the said rollers, and adjustable stops located on the clamping member and the levers for engaging the said arms to produce timed relation between the clamping of the saw and the operation of the said fingers.

2,109,162

PISTON VALVE WITH MID-POSITION BYPASS

Friedel Boehle, Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del., a corporation of Delaware

Application February 15, 1935, Serial No. 6,650
10 Claims. (Cl. 60—52)



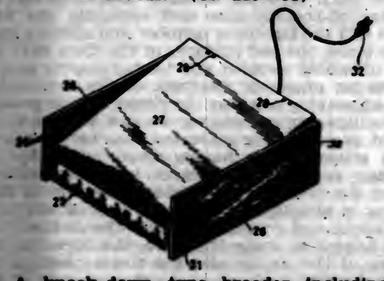
1. A valve for controlling hydraulic circuits comprising a casing having a bore with a plurality of chambers, said casing having an inlet and an outlet and a pair of service ports communicating with said chambers, and a valve rod with spaced heads reciprocable in said bore, one of said chambers being centrally located in said casing, said casing having a bored projecting portion extending into said central chamber, said valve rod and said heads being adapted in one position to cut off communication simultaneously between said inlet and said service ports while by-passing the fluid from said inlet to said outlet through said central chamber past said projecting portion.

2,109,163

ELECTRICALLY HEATED BROODER

John E. Carlson, Forestville, Conn., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn., a corporation of Connecticut

Application November 15, 1934, Serial No. 753,093
5 Claims. (Cl. 119—33)



1. A knock-down type brooder including a housing having detachable sides and roof, one of said sides being a double walled unit with a heater secured to the unit between the walls, the wall of the unit between the heater and the outside of the brooder being provided with air inlet openings near the bottom, the wall of the unit between the inside of the brooder and the heater having outlet openings near the top whereby outside air is caused to rise, pass over the heater, and be discharged into the brooder adjacent the top, and a temperature responsive control mechanism for the heater located in the brooder but carried by the unit, the roof of said brooder being pivotally secured to the top of said unit, and the walls of said brooder being provided with means for adjusting the height of the portion of the roof remote from said pivotal mounting.

2,109,164

RUBBER COMPOSITION AND METHOD OF PRESERVING RUBBER

Albert M. Clifford, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application October 22, 1932, Serial No. 639,151
2 Claims. (Cl. 18—59)

1. The method of preserving rubber which comprises treating the same with p-ethoxy phenyl naphthyl nitrosamine.

2,109,165

PROCESS OF PRESERVING RUBBER AND PRODUCT

Howard I. Cramer, Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

No Drawing. Application July 2, 1932, Serial No. 620,726
11 Claims. (Cl. 18—59)

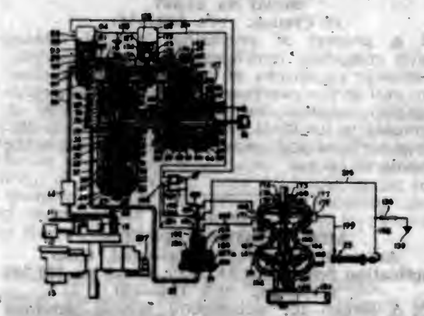
2. A rubber composition including phenyl ar tetra hydro beta naphthylamine.

2,109,166

BRAKE CONTROL FOR HIGH SPEED TRAINS

Clyde C. Farmer, Pittsburgh, and Ellis E. Hewitt, Edgewood, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application September 17, 1935, Serial No. 40,902
32 Claims. (Cl. 303—21)



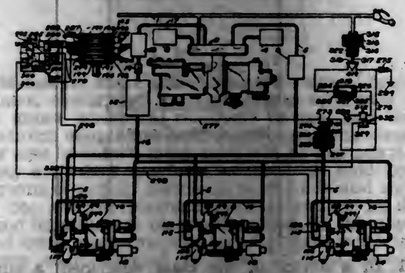
1. In a fluid pressure operated vehicle brake system, in combination, a brake cylinder, a brake controlling valve device operative to cause fluid under pressure to be supplied to and released from the brake cylinder and thereby effect, respectively, the application and release of the brakes, a speed-responsive device operated in accordance with the speed of the vehicle, means controlled by the speed-responsive device for controlling the degree of the brake cylinder pressure initially attained upon the initiation of an application of the brakes, and means for rendering the pressure controlling means ineffective to cause a reduction from the initial brake cylinder pressure, as the speed of the vehicle decreases, until a substantial decrease in vehicle speed occurs.

2,109,167

HIGH SPEED BRAKE EQUIPMENT

John W. Logan, Jr., Forest Hills, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application February 28, 1936, Serial No. 66,234
40 Claims. (Cl. 303—22)



1. In a brake equipment for vehicles, in combination, a brake pipe, means comprising a control valve device for supplying fluid under pressure in accordance with a reduction in brake pipe pressure, a plurality of braking means comprising a brake cylinder and means responsive to said supply of fluid under pressure comprising means for effecting one of a plurality of ratios between brake cylinder pressure and the pressure supplied by said control valve device, means for automatically selecting one of said ratios in response to vehicle speed, and means responsive to the load on the vehicle wheels associated with individual braking means for also varying the ratio between brake cylinder pressure and the pressure supplied by said control valve device.

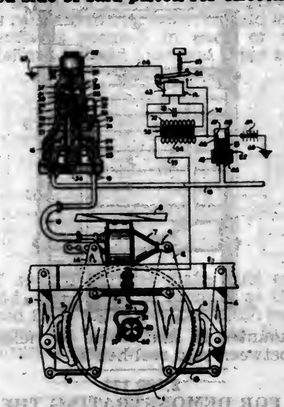
2,109,168

BRAKE CONTROL MEANS

Raymond E. Miller, Wilkinsburg, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania

Application April 6, 1936, Serial No. 72,889
17 Claims. (Cl. 303—51)

1. In a brake equipment for vehicles, in combination, a brake cylinder, a control pipe, means for supplying fluid under pressure to said brake cylinder at control pipe pressure, a valve device for interrupting communication between said control pipe and said brake cylinder and for venting fluid under pressure from said brake cylinder to a predetermined low value, said valve device comprising a valve and a piston for moving the valve, said piston being constantly subject on one side to the pressure in the control pipe and normally subject on the other side to the pressure in the control pipe and also to an additional biasing force, electrical means responsive to the speed of rotation of a vehicle wheel for releasing fluid under pressure from the second named side of said piston for effecting movement of said valve to effect a reduction in brake cylinder pressure.

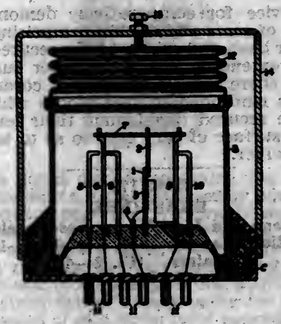


2,109,169

THERMAL OPERATED CIRCUIT CONTROLLING DEVICE

Oscar S. Field, Rochester, N. Y., assignor to General Railway Signal Company, Rochester, N. Y.

Application August 15, 1934, Serial No. 739,981
7 Claims. (Cl. 200—122)



1. A thermally operated circuit controlling device comprising a bi-metallic thermal element in an enclosing bulb, means for heating said element, contacts operated by deformation of said element, and means for varying the rate of dissipation of heat from said element.

2,109,170

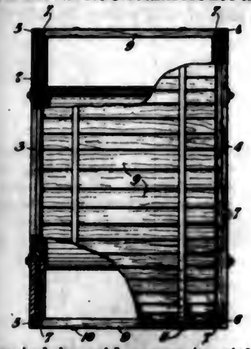
RETAINER FOR REEL LAGGING

George A. Gleason, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey

Application June 13, 1936, Serial No. 85,162
4 Claims. (Cl. 206—59)

1. In combination, a reel including rigid heads, each of said heads being provided with a recess on

its inside surface at its circumference and resilient



means mounted in said recess to yieldably hold lagging between said reel heads.

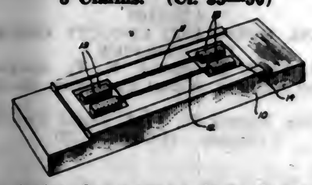
2,109,171

DEVICE FOR DEMONSTRATING THE ACTION OF CORDS AND THE LIKE

Philetus S. Gould, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del., a corporation of Delaware

Application August 31, 1935, Serial No. 38,754

3 Claims. (Cl. 35—50)



3. A device for comparatively demonstrating the action of cords and the like comprising a flexible rubber base, and rubber blocks secured to said base and extending above the outer surface of said base, there being a plurality of cords having their ends embedded in said blocks while their bodies are secured throughout their lengths to the outer surface of said base so as to be visible to an observer.

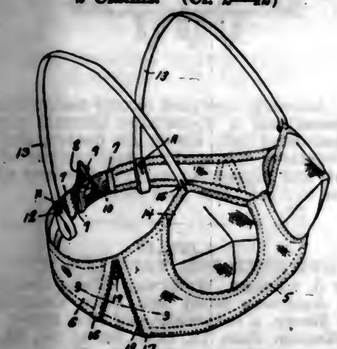
2,109,172

BRASSIÈRE

Lucille Green and Jean Marks, Los Angeles, Calif.

Application May 26, 1937, Serial No. 144,930

2 Claims. (Cl. 2—42)



1. A brassière consisting of a front section and rearwardly extending side sections, attaching means between the ends of the side sections, and contractible means on the said side sections adapted to contract the lower edge of the garment only in a manner to position the side sections at a lower horizontal plane relative to the front section, and removable shoulder straps for the said front and side sections.

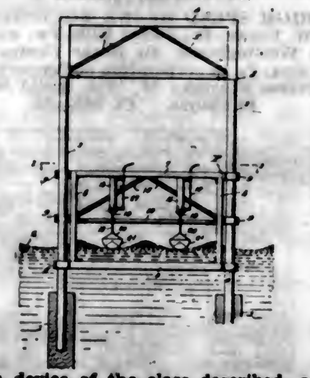
2,109,173

WAVE MOTOR

William T. Herndon, Fayetteville, N. C., assignor of one-third to E. M. Blackwood and one-third to Thomas McInnis, both of Fayetteville, N. C.

Application February 16, 1937, Serial No. 126,078

3 Claims. (Cl. 230—67)



1. In a device of the class described, a support, a frame mounted directly on the support for vertical sliding movement and including a pontoon mounted on the support for vertical sliding movement, a cylinder fixed to the frame, a piston slidable in the cylinder, a piston rod connected to the piston, a float secured to the piston and responsive to the waves of a body of water, air inlet means for the cylinder, and an air outlet for the cylinder, through which the air passes under pressure, responsive to the movement of the piston.

2,109,174

VARIABLE SPEED TRANSMISSION

Stephen Kalko, Bordentown Township, Burlington County, N. J.

Application December 30, 1936, Serial No. 118,351

9 Claims. (Cl. 74—119)



1. A variable speed transmission comprising a drive shaft and a driven shaft, a connecting rod adapted to be reciprocated by the drive shaft, a pitman adapted to impart rotation to the driven shaft, and a rocker arm intermediate the connecting rod and link, said rocker arm having a cam plate pivotally supported thereon, pivots adjustable along said rocker arm for connecting said connecting rod and pitman to the rocker arm, said cam plate being swingable to simultaneously vary the positions of the pivots lengthwise of the rocker arm, and means for imparting swinging movement to said cam plate.

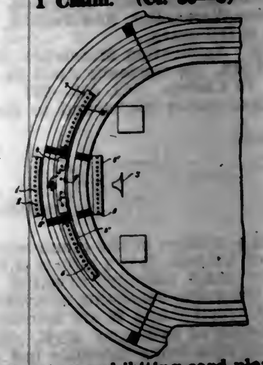
2,109,175

MEANS FOR STAGE EXHIBITING CARD PLAYS OF BRIDGE GAMES

John Reed Kilpatrick, New York, N. Y.

Application March 9, 1936, Serial No. 67,848

1 Claim. (Cl. 35—8)



Means for stage exhibiting card plays of bridge games, comprising a stage setting composed of an upper horizontal relatively narrow and long platform adapted to hold thirteen persons standing side by side, a lower platform of like adaptation, a central platform adapted to hold four persons standing, platforms to the left and right of the central platform and extending in the same longitudinal direction as that of the upper and lower platforms, said left and right platforms being each adapted to hold thirteen persons standing side by side, and runways connecting the central platform with each of the remaining platforms.

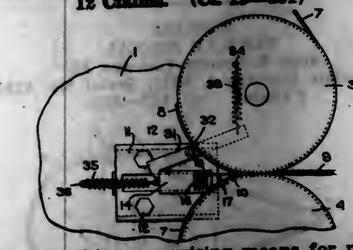
2,109,176

FIBER CUTTING MECHANISM FOR TAPE CONDENSER OR SIMILAR MACHINES

Henry H. Knight, Canton, Mass., assignor to Davis & Furber Machine Company, North Andover, Mass., a corporation of Massachusetts

Application October 26, 1937, Serial No. 171,076

12 Claims. (Cl. 19—151)



1. A machine comprising means for progressively dividing a web of fiber into slivers and diverting contiguous slivers into diverging paths, and cutting means located and operating at the rear of the line of divergence of the slivers acting to cut any fibers extended between adjacent diverging slivers.

2,109,177

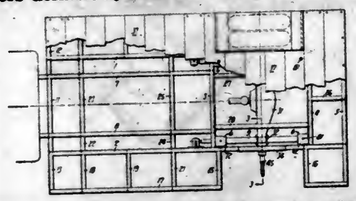
TRUCK

William W. MacDonald, Mountain View, Calif., assignor to Max L. Rosenfeld, San Francisco, Calif.

Application November 2, 1936, Serial No. 47,931

4 Claims. (Cl. 280—106.5)

1. A vehicle frame comprising: a pair of spaced parallel load rails forming a part of a loading platform; a pair of spaced parallel forward and rear cross rails extending between said load rails; spring receivers secured in each of the four corners defined by said load and cross rails; and



a pair of spaced parallel main rails extending within said load rails and secured at their rear ends to said front cross rail, the main rails being spaced from the load rails so as to lie just inside the spring receivers.

2,109,178

DISPENSING APPARATUS

William L. Marden, Jackson Heights, N. Y., assignor to Neptune Meter Company, a corporation of New Jersey

Application November 29, 1935, Serial No. 51,986

2 Claims. (Cl. 73—232)



1. In a liquid dispensing device, the combination comprising a meter actuated by flow of liquid in a dispensing operation, a hydraulic motor, common means for supplying liquid to said meter and motor to actuate the same, a worm driven by said meter in response to operation thereof, a pinion driven by said motor and meshing with said worm and a register driven by said motor for indicating the operation of said meter, said motor tending to drive said register at a rate exceeding the rate of operation of said meter at all rates of operation of said meter, said worm and pinion being arranged to prevent drive of the meter from said motor.

2,109,179

ANTIFLOODING ATTACHMENT FOR CARBURETORS

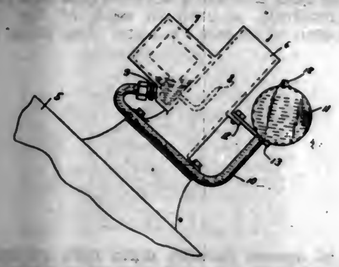
Ferris Earl Michael, Rossel, Kans.

Application April 20, 1937, Serial No. 138,034

2 Claims. (Cl. 137—31)

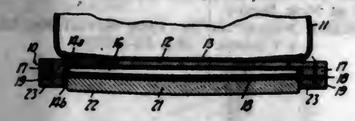
1. An anti-flooding attachment for carburetors comprising a normally empty fuel reservoir supported rearwardly of the float chamber of the carburetor and normally above the horizontal plane of the level of fuel in the float chamber said reservoir having a capacity substantially equal to that of the float chamber and a drain

pipe connecting said float chamber with the reservoir for draining fuel from the float chamber



into the reservoir when the float chamber is tilted above the plane of the reservoir.

2,109,180
SHOE CONSTRUCTION
Meade Mahan, San Mateo, Calif.
Application March 30, 1936, Serial No. 71,717
5 Claims. (Cl. 36—29)



1. In a shoe construction, sole members secured to uppers, said sole members affording a cavity in substantially the entire shoe bottom and below the insole, said cavity having a contour similar to that of the sole members but having its sides spaced from the side edges of the sole members, a bladder of resilient vulcanized rubber disposed within said cavity, a retaining sheet of flexible material extending over the lower face of the bladder and having its marginal edge portions secured to said first named sole members, and a tread sole of substantial thickness disposed within said cavity and having its upper face secured to the bottom face of said sheet of flexible material, the lower face of said tread sole normally projecting below the lower marginal faces of said first named sole members.

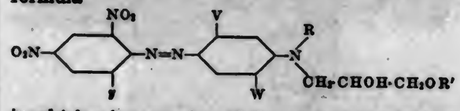
2,109,181
AUTOMATIC CUT-OFF FOR ELECTRIC IRONS
John Muldowney, St. Clair, Pa.
Application November 9, 1936, Serial No. 109,965
2 Claims. (Cl. 200—141)



1. In a mercury switch, a pair of integral parallel sealed tubes one of which is larger than the other and constituting a main tube and a condensing tube together with an integral partition wall common to the tubes and provided at one end with an opening therethrough connecting said tubes, a body of mercury in said main tube and electrodes extending through the respective opposite end walls of the main tube and extending into said body of mercury.

2,109,182
MONOAZO COMPOUNDS AND THEIR PRODUCTION
Heinrich Ohlendorf and Erich Baumann, Dessau in Anhalt, and Karl Heinsch, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application March 31, 1934, Serial No. 718,512. In Germany April 15, 1933
10 Claims. (Cl. 260—96)

6. The dyes which correspond to the general formula

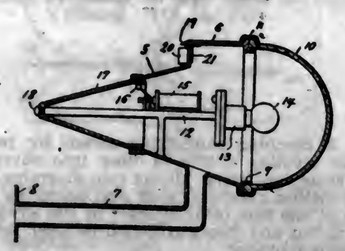


in which y is a member of the group consisting of hydrogen and halogen, R is a radicle of the group consisting of alkyl and hydroxyethyl, R' is a member of the group consisting of hydrogen and alkyl and in which V and W are members of the group consisting of hydrogen, alkyl, alkoxy and halogen, said dyes being insoluble but emulsifiable in water, and dyeing acetate silk clear fast tints from yellow to blue.

2,109,183
PROCESS FOR THE MANUFACTURE OF AZO DYESTUFFS
Hans Rees, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware
No Drawing. Application January 30, 1935, Serial No. 4,186. In Germany February 9, 1934
8 Claims. (Cl. 260—99)

1. Process for the manufacture of azo dyestuff which comprises causing an aromatic nitro compound with the exclusion of a p-methyl-nitro compound, a dinitrodibenzyl- and a dinitrostilbene compound to react upon a compound of the group consisting of primary aromatic diamines and aromatic aminohydroxy compounds in a caustic alkaline medium at an elevated temperature.

2,109,184
VEHICLE SIGNAL
Alois T. Sereda, Chicago, Ill.
Application January 4, 1937, Serial No. 119,013
1 Claim. (Cl. 177—324)



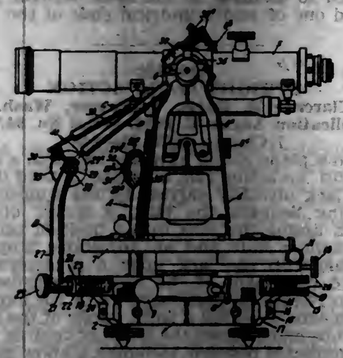
A signal device comprising a housing open at its ends, a lens mounted on one end of said housing, a bracket secured in said housing and extending through and beyond the opposite open end thereof, an electric lamp carried by said bracket, a bell secured at one end on said extended portion of the bracket and having an open end arranged in and spaced from the adjacent open end of the housing, a striker complementary to said bell and arranged in the housing, and electro-mechanical means in the housing and on said bracket for actuating the striker.

2,109,185
INTERNAL COMBUSTION ENGINE
Charles H. Thompson, Sacramento, Calif.
Application March 17, 1936, Serial No. 69,392
2 Claims. (Cl. 123—44)



1. A fuel injector for rotary internal combustion engines comprising an injector casing mounted on a stationary part of the engine, a cylinder in one end of the casing having a discharge port therein, said injector cylinder also having a longitudinally aligned end adapted to be connected with a source of fuel supply and a piston operatively mounted within the injector cylinder for drawing fuel from said supply and forcing fuel under pressure through said discharge port, said injector casing having a guide member adjacent the end thereof connected with said source of fuel supply, a valve seat in the injector casing inwardly of the guide, a valve engageable with said seat and having a stem working through said guide and a spring engaged with said stem for yieldably urging said valve in engagement with said seat, said seat being disposed between said system and said valve guide.

2,109,186
THEODOLITE
Curtis H. Veeder, Hartford, Conn.
Application June 4, 1936, Serial No. 83,545
31 Claims. (Cl. 33—72)



1. The combination with a theodolite having a stationary portion constituting a fixed support and a movable portion rotatable about said support on a vertical axis, of cooperating stop means carried by said stationary and movable portions respectively, one of which has supporting means which is horizontally adjustable into a plurality of positions in which the stop means supported thereby is adapted to engage the other in different positions of angular adjustment of said movable portion.

2,109,187
FROSTPROOF HYDRANT
Joseph A. Vogel, Wilmington, Del.
Application October 5, 1936, Serial No. 104,122
10 Claims. (Cl. 137—13)



1. In a frostproof hydrant, the combination of a stand pipe having a water inlet and a drain outlet at its lower end and a discharge nozzle at its upper end, an inlet valve in said pipe movable upwardly to a position in which it opens communication between the inlet and stand pipe for a full flow of water to the nozzle and closes communication between the drain outlet and stand pipe and downwardly to a position in which it closes the inlet and opens communication between the drain outlet and stand pipe, means for operating said valve, and a discharge regulating valve movable with the inlet valve in its upward and downward movement into and out of operative relationship to the discharge nozzle and operative by said operating means in the open position of said inlet valve for gradually regulating the discharge of water through the nozzle.

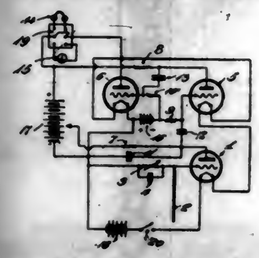
2,109,188
APPARATUS FOR RESTORING MUSCLES IN INFANTILE PARALYSIS
Elizaveta Bajanova, New York, N. Y.
Application October 17, 1936, Serial No. 106,200
6 Claims. (Cl. 272—57)



1. A muscle restoring apparatus comprising a base, a vertically adjustable frame mounted on said base, a body supporting and encircling member, adapted to be secured to said frame, three separate, vertical transverse members mounted

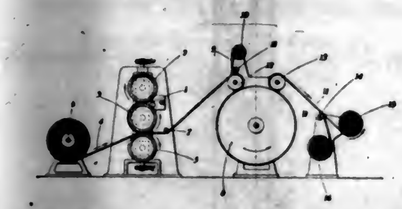
on said base, forming separate foot-compartments, and means for adjusting the amount of separation between said members.

2,109,189
ELECTRICAL TESTING AND DETECTING APPARATUS
Merwyn Bly, Leesburg, Va.
Application April 26, 1937, Serial No. 139,040
8 Claims. (Cl. 175—183)



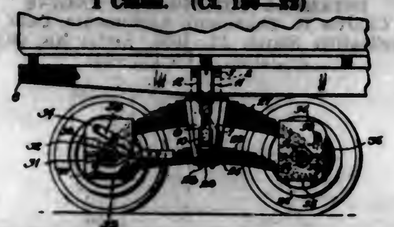
1. A vacuum tube testing instrument for the detection of electro-magnetic fields adjacent to current carrying wires or other conductors, or objects which have become conductors as a result of proximity to said wires or conductors, comprising: a non-oscillating grid-leak detector including a high impedance grid-leak, an antenna consisting of a substantially straight member of predetermined dimensions connected direct to said grid, an amplifier having one or more stages of amplification connected to said detector, indicating device means connected to the output of said amplifier to indicate the comparative strength and nature of fields being investigated and for detection of said electro-magnetic fields, the impedance of said grid-leak being just low enough to prevent "blocking" of the grid of said detector under conditions where strong fields are being investigated.

2,109,190
METHOD AND APPARATUS FOR MAKING RUBBER ARTICLES
Joseph Herbert Coffey, Rhos-on-Sea, North Wales
Application August 26, 1935, Serial No. 37,976
In Great Britain August 29, 1934
9 Claims. (Cl. 18—6)



1. In the manufacture of a moulded rubber article of indefinite length according to a process utilising a flexible mould supported in roll formation and of a length at least that of the article, the steps of continuously unrolling the mould and causing it to move, continuously feeding plasticised rubber stock to the mould as it moves, continuously vulcanising said rubber while it is still in the mould, and stripping the article from the mould after vulcanization.

2,109,191
SUSPENSION AND DRIVING SYSTEM FOR MOTOR VEHICLES
Francisco Centardi, Buenos Aires, Argentina
Application October 21, 1935, Serial No. 46,044
In Argentina October 24, 1934
1 Claim. (Cl. 180—22)



A suspension and driving system for motor vehicles provided with a main frame and a pair of driving wheels positioned in tandem on each side of the frame; comprising a pair of superimposed springs for each pair of wheels, a bearing box adapted to firmly clamp together said pair of springs, a yoke having cylindrical ends journaled in each of said bearing boxes, a bracket adjacent to each of said bearing boxes and firmly secured both on said yoke and said main frame, each bracket having firm connection with the respective portions adjacent said ends of said yoke, a pair of transverse braces having their lower ends secured in said brackets and their upper ends secured to the main frame, said braces crossing at the middle portion and a clamp engaging said middle portion and said yoke, an axle box for each wheel and rigid longitudinal connection between the axle boxes for each pair of wheels, axle arms for said wheels revolubly mounted in said bearing boxes and differential gears connecting two of said wheels on opposite sides of the frame; whereby the two rearmost wheels of said tandem pairs of wheels have a common differential gear connection, and the two foremost wheels thereof have similar gear connection and each pair of tandem wheels is adapted to oscillate in the same vertical plane around one of said cylindrical ends of the yoke.

2,109,192
UPRIGHT PIANO ACTION
Clarence B. Davis, Vancouver, Wash.
Application August 6, 1936, Serial No. 94,701
7 Claims. (Cl. 84—240)

1. In a piano action having a hammer, a hammer butt, an action rail, a wippen pivoted thereto, a jack pivotally carried by the wippen and engaging beneath the butt, a spring on the wippen urging the jack into a position beneath the hammer butt and an adjustable stop engageable with the jack upon a predetermined upward movement of the wippen to cause the jack to release its engagement with the hammer butt; means to permit a short stroke of the hammer to be made before the hammer returns to its fully retracted position, including a lower wippen disposed beneath the first named wippen and operatively pivoted to the action rail, a pivoted member carried by the lower wippen and normally engaging against the under face of the upper wippen, a repetition spring carried by the lower wippen and urging the upper wippen upward, a stop carried by the lower wippen extending over the free end of the upper wippen and permitting a predetermined upward movement of the upper wippen with relation to the lower wippen but upon a descent of the lower wippen engaging against the upper wippen to retract it, a stop on the rail limiting the upward movement of the upper wippen, means causing the member to move out of a position in engagement with the upper wippen upon a predetermined upward movement of the lower wippen, and means causing said member to return into



a position of operative engagement with the upper wippen immediately upon a partial downward movement of the lower wippen whereby the upper wippen and jack may again be lifted to drive the hammer against the strings before the hammer has returned to its fully retracted position.

2,109,193
HEEL COVER FOR LADIES' SHOES
Wanda Gene Field and Leslie O. Field, Nappanee, Ind.
Application March 7, 1935, Serial No. 9,898
2 Claims. (Cl. 36—72)



1. A removable and replaceable protective device for the heel of a shoe, said device comprising a shaped covering of self-supporting material conformable to the shape of and to overlie only the back and sides of the heel, laterally inwardly extending flange means on and extending around the upper edge of said covering, said flange means being arranged to engage in the groove defined by the top of the heel and the adjoining structure of the shoe for holding the device on the heel, said flange means including laterally inwardly widened portions at the front ends of said upper edge of the covering.

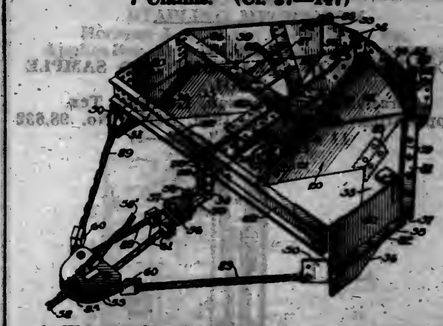
2,109,194
BRAKE MECHANISM
William A. Gantzel, [illegible], and Thomas R. McGowan, Pittsburgh, Pa., assignors to The American Brake Company, Oglevale, Pa., a corporation of [illegible]
Application May 13, 1937, Serial No. 142,194
11 Claims. (Cl. 188—46)

1. In a brake mechanism for a vehicle having a plurality of pairs of wheels, first and second brake beams applied to opposite sides of one pair of wheels and a third brake beam applied to the side of an adjacent pair of wheels nearest to said first pair, a pair of dead levers operatively connected at their lower ends with said first brake beam adjacent its opposite ends, a first pair of live levers operatively connected at their lower ends with said second brake beam adjacent its opposite ends and operatively connected inter-



mediate their ends with said dead levers, a second pair of live levers operatively connected at their lower ends with said third brake beam adjacent its opposite ends and at their upper ends with the live levers of said first pair, a brake cylinder, and an equalizing lever operatively connected intermediate its ends with said brake cylinder and at its opposite ends with the live levers of said second pair intermediate their ends.

2,109,195
SCRAPER
Leslie P. Green, Chicago, Ill.
Application April 15, 1935, Serial No. 16,989
7 Claims. (Cl. 37—147)



1. The combination with a scraper body of a flexible draft bridle secured at its ends to the sides of said body; a draft frame having two freely moving connections with said bridle, the portion of said bridle between said connections being looped and given a freely moving connection with the central portion of the scraper body; and means for connecting said draft frame with a draft member.

2,109,196
FIRE LADDER AND SAFETY ELEVATOR
Morris Hemig, Bronx, N. Y.
Application November 17, 1936, Serial No. 111,185
2 Claims. (Cl. 227—2)

1. A device of the class described, comprising a safety elevator, wheels mounted thereon, side pieces of a sectional adjustable ladder, said side pieces being U-shaped in cross-section and arranged on a platform, whereby to serve as tracks for said wheels, means for operating the elevator and ladder, said means consisting of a plurality of rope drums, each drum being independently mounted on an axle and serving a separate ladder section, two flanges disposed on the end of each drum and adapted to form a groove, a fork-shaped member inserted into said groove and an

operating rod connected to said fork-shaped member, a pedal adapted to manipulate said rod, a forward driving and a reverse driving gear mounted on the axle, one on each side of the drum, friction clutches attached to the inside of



said gears, cross-bars secured to the lower surface of the elevator, slide shoes arranged on said cross-bars and engaging said tracks, spring actuated means for urging the said shoes to remain on the tracks, and means for the mechanical operation of the device.

2,169,197

COMBINATION CLEAN-OUT AND SAMPLE TOOL

Granville A. Humason, Houston, Tex.

Application August 31, 1936, Serial No. 98,632

11 Claims. (Cl. 166—1)



1. A combination cleanout and sampling device for wells comprising a tool to be located in a well bore, a setting string of pipe connected to said device, a valve member on said tool having a bore communicating with the interior of said string, a body carrying a valve seat threadably connected to said valve member whereby the entry through said valve member to the string may be closed, and the string and tool are anchored against relative rotation when the valve is closed, and spring means to urge said valve and valve seat apart when the threaded connection is released to lift the valve from the valve seat whereby fluid in the well below said tool will enter the string of pipe.

2,169,198

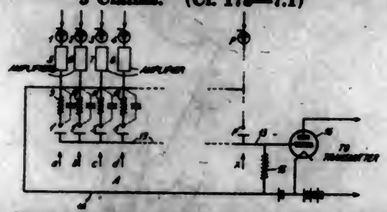
TELEVISION APPARATUS

August Karolus, Leipzig, Germany, assignor to Radio Corporation of America, a corporation of Delaware

Application March 23, 1935, Serial No. 12,596

In Germany March 26, 1934

5 Claims. (Cl. 178—7.1)



1. In a television system, a plurality of light translating elements positioned in line formation, an amplifier system connected with each of said elements, said amplifiers each having a time constant circuit associated therewith in the order of the time duration of each scanning line, a load circuit, and an inertialess high speed switching device for sequentially connecting each amplifier with the load circuit.

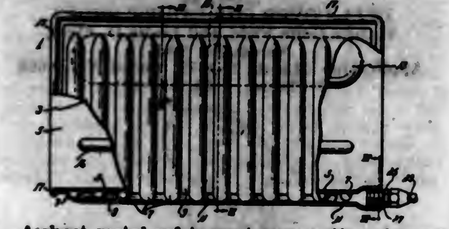
2,169,199

REFRIGERATING APPARATUS

Theodore W. Koerner, Detroit, Mich., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich., a corporation of Maryland

Application July 2, 1935, Serial No. 29,536

1 Claim. (Cl. 62—126)



A sheet metal refrigerant evaporating element comprising sheet metal material formed to provide inner and outer walls spaced apart for the passage of refrigerant and an inlet opening, one of said walls including material integrally united therewith and having a reversely bent portion forming a rolled bead extending continuously, except for said inlet opening, around the periphery of the said one wall including the four corners thereof, the extreme edge of said reversely bent portion being in uniformly continuous abutting engagement with the peripheral edge of the material forming the other wall and said extreme and peripheral edges being located at sufficient distance from said rolled bead to permit seam welding between the material forming one wall and the return bend of said material and also to permit seam welding between the two walls with the same operation of seam welding.

2,169,200

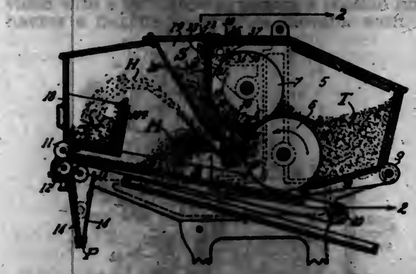
CIGARETTE TOBACCO FEED

James W. Leary, Bloomfield, N. J., assignor to American Machine & Foundry Company, a corporation of New Jersey

Application April 13, 1935, Serial No. 16,169

20 Claims. (Cl. 131—39)

1. In a cigarette machine tobacco feed, the combination with a source of supply for long shred tobacco, of a source of supply for short shred tobacco, a traveling endless belt, mechanism for removing the long and short shreds from their respective sources of supply and commingling them and depositing the commingled



shreds upon said belt in the form of a continuous stream of tobacco, and means for showering the commingled shreds from said stream on to a continuous wrapper strip whereby a thorough distribution of the short shreds among the long shreds of the tobacco showered upon the wrapper strip will be obtained.

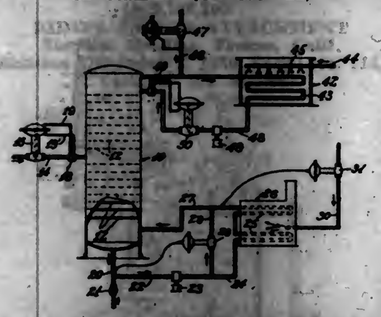
2,169,201

PROCESS AND APPARATUS FOR STABILIZING HYDROCARBONS

Edward G. Ragatz, Los Angeles, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California

Application July 10, 1933, Serial No. 679,651

11 Claims. (Cl. 196—11)



1. In a method for stabilising gasoline, the steps of withdrawing a portion of the gasoline to be treated from a stabilising zone, heating said withdrawn portion, and returning said heated portion to the stabilising zone, the temperature of the thus re-cycled portion being maintained uniform by regulating the heating in proportion to the temperature of the withdrawn portion and by returning a portion of said withdrawn gasoline directly to said stabilising zone without heating the same.

2,169,202

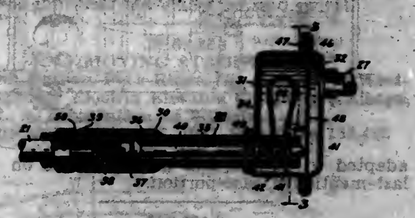
REFRIGERATING APPARATUS

Ethel C. Raney, Cleveland, Ohio, assignor to Ranco Incorporated, a corporation of Ohio

Application August 6, 1935, Serial No. 34,925

6 Claims. (Cl. 62—3)

1. In a refrigerating system, a combination expansion and safety valve for controlling the flow of refrigerant from the high pressure side of the system to the low pressure side thereof, comprising in combination, a valve body having a high pressure chamber adapted to be connected with the high pressure side of the refrigerating system and having a stationary valve seat at the outlet thereof, a valve cooperating with the seat and adapted to open in response to pressure with-



in the chamber, and a resilient thermo-responsive strip disposed within the chamber and biased to be frictionally engaged between a wall of the chamber and a portion of said valve and constructed to act with decreasing or increasing valve closing force on the valve in response to decreasing or increasing temperatures, respectively, of the refrigerant in said chamber.

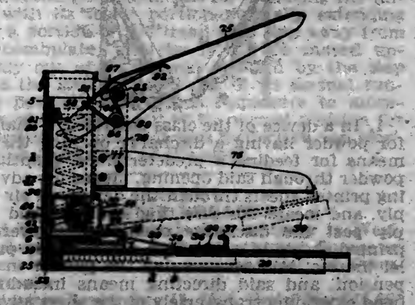
2,169,203

STAPLING MECHANISM

Herman J. Spencer, West View, Pa.

Application May 19, 1934, Serial No. 726,585

25 Claims. (Cl. 1—49)



1. A staple driving mechanism comprising a plunger, mechanism for retracting the plunger away from the work and releasing the same for a staple driving stroke, a compression spring, and means acting on the opposite ends of the spring for compressing said spring during the retracting stroke of the plunger and for assisting in stopping the driving stroke of the plunger by recompressing said spring so as to cushion said stroke, said means connecting said spring and plunger for opposing said spring in such cushioning to further movement of the plunger.

2,169,204

METHOD AND APPARATUS FOR ANNEALING STRIPS

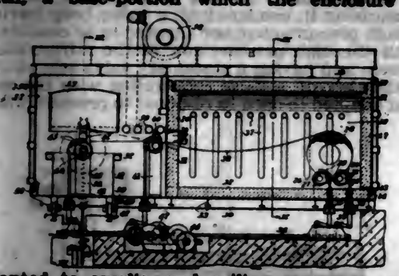
Lee Wilson, Cleveland, Ohio

Application October 16, 1934, Serial No. 748,982

11 Claims. (Cl. 266—3)

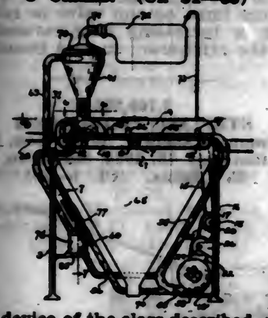
1. Annealing apparatus comprising a base-portion, an open-bottomed furnace cover adapted to be lowered thereover and raised therefrom, an open-bottomed coiling enclosure extending

from one end of said cover and liftable therewith, a base-portion which the enclosure is



adapted to overlie, and coiling means on said last-mentioned base-portion.

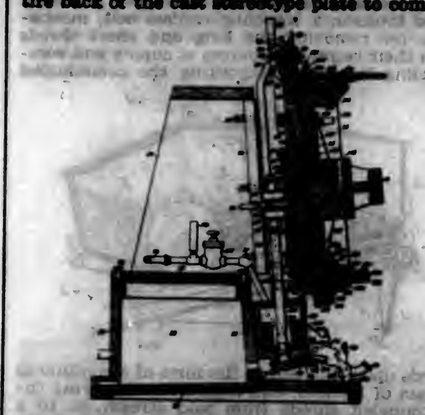
2,109,205
MACHINE FOR PRODUCING RAISED PRINTING
Ralph Woodward, Leicester, Mass.
Application June 4, 1935, Serial No. 24,990
5 Claims. (Cl. 91—59)



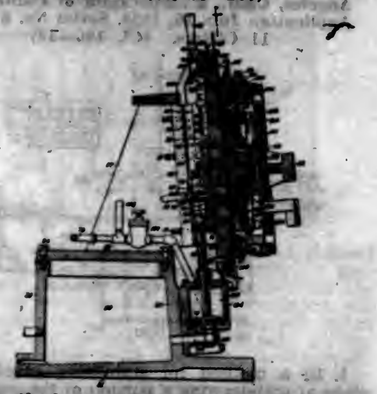
1. In a device of the class described, a chamber for powder having a discharge opening therein, means for feeding a predetermined quantity of powder through said opening, means for advancing printed sheets through the device, an air supply, and means for directing air from said supply past the discharge opening and over the printed sheets in a direction substantially parallel thereto, said air carrying the powder in suspension, and said directing means including a hood extending transversely of the sheet advancing means and having an opening in the underside thereof directly above and spaced from a portion of said advancing means extending diagonally across the sheets for uniformly distributing the powder suspended in the air over the sheets.

2,109,206
APPARATUS FOR CASTING STEREOTYPE PLATES
George W. Bungay, Brooklyn, N. Y., assignor to Bungaytype-Delaware, Inc., New York, N. Y., a corporation of Delaware
Application June 26, 1935, Serial No. 28,439
19 Claims. (Cl. 22—2)

1. A machine for casting stereotype plates comprising a mold having a mold cavity adapted to receive a matrix against which the stereotype plate is to be cast, and a passage leading thereto through which molten metal is poured, means to close said passage, means to apply pressure to the molten metal to compress the same within the mold cavity and to force the metal into the impressions in the matrix, and yieldable means to distribute pressure over substantially the entire back of the cast stereotype plate to compensate for shrinkage and to hold the plate in pressure engagement with the matrix until and after solidification takes place.



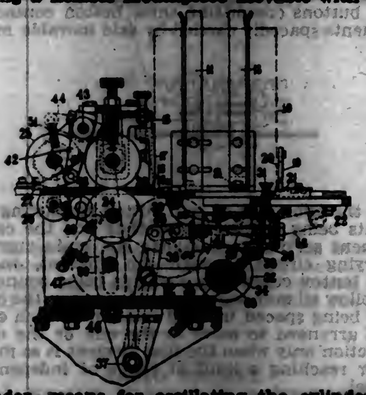
2,109,207
METHOD FOR CASTING STEREOTYPE PLATES
George W. Bungay, Fieldfield, N. J., assignor to Bungaytype-Delaware, Inc., New York, N. Y., a corporation of Delaware
Application September 26, 1934, Serial No. 745,550
5 Claims. (Cl. 22—200)



1. A method of casting stereotype plates in a mold which comprises substantially closing the mold, applying pressure to the molten metal to compress the metal and to force the metal into the matrix impressions, and, before the metal solidifies, applying pressure to the entire back of the cast stereotype plate to hold the plate in pressure engagement with the matrix and to compensate for shrinkage.

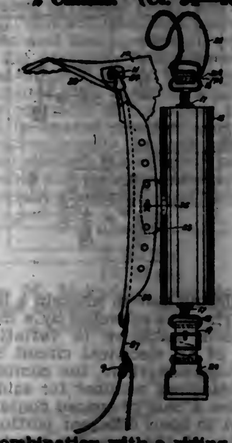
2,109,208
FEEDING OF CARDS OR LIKE ARTICLES FROM A STACK
John Crighton, London, England, assignor to American Machine & Foundry Company, New York, N. Y., a corporation of New Jersey
Application February 6, 1937, Serial No. 124,497
In Great Britain February 12, 1936
14 Claims. (Cl. 271—44)

1. In mechanism for feeding cards, such as the slides of slide and shell cartons, from a stack, wherein a reciprocating tooth feeding device successively feeds the cards from the bottom of the stack, card displacing means comprising a suction cylinder mounted to oscillate toward and from the lowermost card of the stack, and provided with a reciprocable piston, a suction nozzle having a flexible mouthpiece movable with said



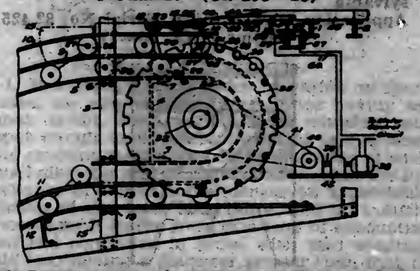
cylinder, means for oscillating the cylinder to advance the nozzle into contact with the lowest card and to displace the card into the path of a reciprocating feed tooth, and means synchronized with the cylinder oscillating means for causing relative movement between said oscillating cylinder and its piston to produce the suction effect.

2,109,209
RIDING SADDLE ATTACHMENT
Stephen Douglas, Fresno, Calif.
Application December 2, 1936, Serial No. 114,794
2 Claims. (Cl. 54—46)



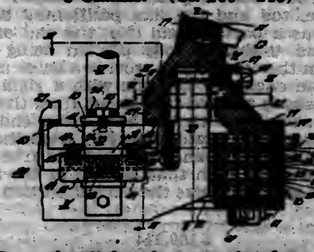
1. In combination with a riding saddle having stirrups, of yielding means adapted to suspend the stirrups from the saddle, said yielding means consisting of a tube, a flange within the tube approximately midway between the ends thereof, compression springs within the tube resting against either side of the flange, a rod passing through the tube and springs along the approximate center line of the tube, said rod being provided at either end with a plunger, each plunger being adapted to slide within the tube, and adapted as a nest for the end of the spring, means at one end of the rod to attach the stirrup, means at the opposite end of the rod to engage the thigh of the rider, and a swivel connection adapted to attach the stirrup support to the saddle and to the saddle girth, said swivel connection being adapted to permit the stirrup support to have a limited universal movement on said swivel.

2,109,210
MOVING STAIRWAY
James Dunlop, Park Ridge, Ill., assignor to Westinghouse Electric Elevator Company, Chicago, Ill., a corporation of Illinois
Application June 26, 1937, Serial No. 150,433
6 Claims. (Cl. 198—16)



1. In a moving stairway provided with steps having treads, the combination with a motive means for driving the steps and a combplate disposed at one end of the stairway, of a finger having a feeler portion, means for mounting the finger with its feeler portion normally extending over a portion of the tread of a step away from the combplate, whereby it will be moved upwardly out of its normal position by the step when the step is raised out of its normal running position, and means responsive to movement of the finger out of its normal position for rendering the motive means ineffective and stopping the operation of the steps.

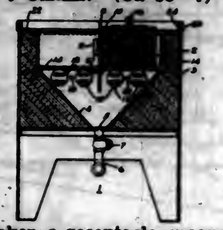
2,109,211
CIRCUIT BREAKER
Lloyd W. Dyer, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application September 12, 1934, Serial No. 743,661
6 Claims. (Cl. 200—146)



1. In a circuit breaker, a pair of spaced nonyielding rigidly supported main contacts of solid material, a rigid member of solid material for bridging said main contacts, a pair of spaced auxiliary contact means mounted adjacent said main contacts and connected in parallel therewith, a bridging member for said auxiliary contact means, a single actuating member for moving said rigid member and said bridging member into

and out of engagement with their respective cooperating contacts, said rigid member being resiliently mounted upon said actuating member for relative movement longitudinally with respect thereto and to said bridging member, and guide means associated with said actuating member for preventing rotational movement of said rigid member relative to said actuating member and for determining the amount of relative longitudinal movement of said rigid member with respect to said actuating member.

2,109,212
TWO-COMPARTMENT FRY KETTLE
Karl Kergeti, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application May 29, 1936, Serial No. 82,425
6 Claims. (Cl. 53—7)



3. In a cooker, a receptacle, means removably secured in place for dividing it into compartments, a heater and a thermostat in each compartment, whereby the temperature of each compartment may be individually determined, means for supporting articles to be cooked in any compartment, said means when the dividing means are removed serving to support articles in the united compartment.

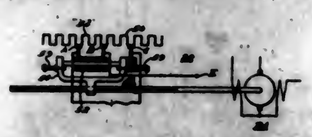
2,109,213
CLIP
Allen C. Fearing, South Weymouth, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass., a corporation of Massachusetts
Application October 24, 1936, Serial No. 107,412
1 Claim. (Cl. 24—73)



A clip of the class described comprising a strip of metal bent into a generally U-shaped body, wire, tube, rod and the like positioning means provided as a part of said clip, the end of one leg of said U-shaped body portion being bent away from the other leg to provide a guide means assisting in engaging said clip with a rigid support and sharp pointed prongs cut from the material of said leg with the bent away end and said prongs being located inwardly from the end of the bent portion and having their free ends about in a plane with that portion of the inner surface of said leg where the curved portion joins the leg.

2,109,214
REGULATOR RHEOSTAT
Edwin L. Harder, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 13, 1935, Serial No. 54,256
7 Claims. (Cl. 201—55)

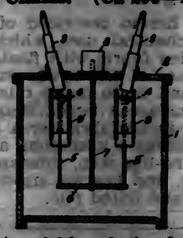
1. In a rheostat comprising a single tapped resistor, a plurality of stationary contact buttons respectively connected with the resistor taps and spacedly arranged in a single row, and a member adapted to be moved in successive contact register with said buttons to thereby adjust the rheostat resistance, the combination of means for giving steps of adjustment substantially smaller than those determined by the resistor sections connected between adjacent of said contact buttons comprising three button contacting elements spacedly carried by said movable member, the two outer of said button contacting elements being connected together and the center element serving to complete the main current-carrying circuit through the rheostat, one of said button contacting elements being connected to follow all movements of said member, the other two being spaced in fixed relation to each other and arranged to move in the one or the other direction only when the first element is so moved after reaching a limit of range of independent travel.



2,109,215
REGULATING SYSTEM
Edwin L. Harder, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application December 24, 1935, Serial No. 56,013
9 Claims. (Cl. 171—229)

1. In a regulating system wherein a tapped-resistor type of rheostat operated by a motor controlled by means sensitive to variations in a characteristic of an electrical circuit is utilized to adjust said characteristic, the combination of a resistance-adjusting member for said rheostat which comprises a pair of spaced contacting elements adapted to span different portions of like resistance value of the rheostat resistor, and a vibrating-contact regulator, separate from the rheostat motor control means and sensitive to said characteristic, disposed to establish and interrupt at closely spaced time intervals and in adjustable-ratio manner a shunt connection around the resistor portion between the spaced contacting elements to thereby control the circuit characteristic within a range determined by the spanned portion of said rheostat resistor.

2,109,216
ARC-EXTINGUISHING DEVICE
John W. Halstetter, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania
Application September 20, 1930, Serial No. 483,235
Renewed January 16, 1935
26 Claims. (Cl. 200—147)



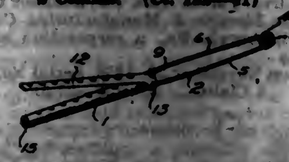
1. In an extinguishing device for arcs in air, a gas-evolving solid provided adjacent to the arc path, said gas-evolving solid being movable and biased into intimate engagement with the arc.

2,109,217
RADIO SOCKET
Carl L. Knudsen, Maywood, Ill., assignor to Cinch Manufacturing Corporation, Chicago, Ill., a corporation of Illinois
Application February 22, 1934, Serial No. 712,459
6 Claims. (Cl. 173—328)



1. A socket of the class described comprising, in combination, a plurality of superposed apertured plates arranged with their apertures in alignment, contact members assembled between said plates and having portions passing through some of the apertures and with all parts thereof located entirely below the top plate, one of said apertures and contacts being located substantially centrally of the plates with the others arranged in spaced relation about it and rivet means concentrically located with relation to said center contact for securing said plate members together and providing the only means passing through the top plate and holding it against rotation.

2,109,218
CURLER
Ross M. McFadden, Glendale, Calif.
Application October 14, 1935, Serial No. 44,859
2 Claims. (Cl. 132—41)



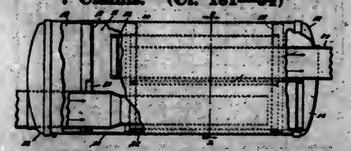
1. In a curling device, an open ended curler body, a swingingly mounted clamp adapted to be swung to a position longitudinally of the body with its outer end overlying the outer end of said body, and a resilient disc roller with a transversely curved periphery rotatably mounted on the outer end of the clamp being compressible to facilitate movement to clamping position and automatically centered upon such engagement by the curved peripheral contact with the open body end without entirely closing the end of said body.

2,109,219
ANTENNA COUPLING DEVICE FOR FIVE METER RECEIVERS
Percy De Forrest McKeel, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 14, 1935, Serial No. 6,532
8 Claims. (Cl. 250—20)



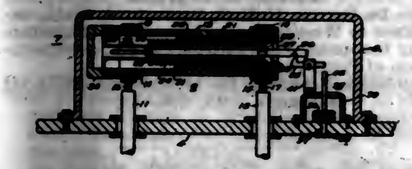
1. In a system adjusted for operation on short waves, an electron discharge device having an input circuit, coupling means for coupling said input circuit to another portion of said system, said coupling means comprising a winding of such small diameter and of such few turns that the inductance of two adjacent turns is an appreciable portion of the total inductance, and an inductance element in the form of a loop of conductive material connected in series with said winding, said loop having a diameter greater than that of said winding such that distances along said loop may constitute appreciable increments of inductance, and means for connecting said other portion of the system to a point on said inductive loop.

2,109,220
MUFFLER
Quintin G. Noblitt and Edmund Ludlow, Columbus, Ind., assignors to Noblitt-Sparks Industries, Inc., Columbus, Ind., a corporation of Indiana
Application April 11, 1936, Serial No. 73,819
7 Claims. (Cl. 181—54)



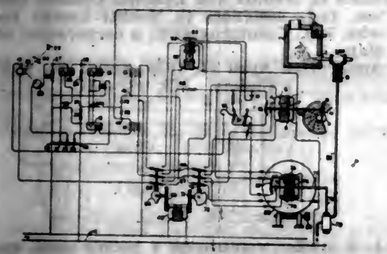
1. A muffler, comprising a hollow shell, spaced transverse partitions within said shell, end heads for said shell spaced outwardly from said partitions to provide passages for transversely flowing gases, a pair of cups extending longitudinally of the shell between said partitions and opening respectively into said transverse passages, open-ended silencing tubes disposed respectively within said cups and connected through the open ends thereof one with a gas-supply conduit and the other with an outlet pipe, and a third silencing tube extending between said partitions and interconnecting said transverse passages, each of said silencing tubes being provided with a multiplicity of distributed openings each providing restricted communication between the interior of the tube and the space around it, each of said cups being provided between said partitions with a plurality of distributed openings each affording restricted communication between its interior and the space within the shell, at least one of said cups being additionally provided near its closed end with perforations interconnecting the interior of the cup with the adjacent transverse passage.

2,109,221
ELECTRICAL APPARATUS
Henry V. Putman, Sharon, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application February 14, 1934, Serial No. 711,132
2 Claims. (Cl. 200—81)



2. In a protective system for an encased electrical apparatus, the combination of a device adapted to interrupt the apparatus energizing circuit comprising a spring-actuated plunger, a latch for holding said plunger in a circuit-closing position against the action of said spring, means for releasing said latch when the pressure within the apparatus casing exceeds a given value, and a fusible link positioned between the plunger and the latch, said link being adapted to rupture when the flow of current through the device exceeds a given magnitude.

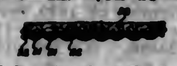
2,109,222
MEASURING AND CONTROLLING APPARATUS
John D. Ryder, Cleveland Heights, Ohio, assignor to Bailey Meter Company, a corporation of Delaware
Application March 31, 1934, Serial No. 718,427
30 Claims. (Cl. 236—69)



4. In combination, a photocell, a plurality of electron discharge devices each having an input and an output circuit, the magnitude of the current passed by said photocell differentially selectively controlling the energization of said input circuits, operating mechanism actuated by the current in said output circuits, and means under the control of said operating mechanism for varying the current flow through said photocell.

7. In a control system, in combination, means for applying an agent to produce or maintain a predetermined condition, fluid pressure actuated control means for varying the rate of application of the agent, a plurality of electron discharge devices each having an input and an output circuit, said control means positioned by changes in current in the output circuits, and photo-sensitive means responsive to departure from the predetermined condition for controlling the input circuits in accordance with the rate of change of said condition from or toward the predetermined value.

2,109,223
WOVEN FABRIC
Hartman F. Schmidt, Unionville, Conn.
Application January 2, 1935, Serial No. 131
1 Claim. (Cl. 28—1)



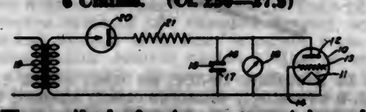
The method herein described of producing a fabric for mechanical uses which consists in weaving a woolen fabric with floats, teasing the float-bearing face of the newly woven and unfulled fabric, and in so doing raising upon the float-bearing surface a lanky, shaggy pile, then fulling the pile-faced fabric for a period of two hours and a half as a minimum, and producing a stiff and board-like web, substantially smooth on one surface, and bearing upon the opposite surface a deep and felted pile.

2,109,224
LIQUID PUMP
Thomas L. Titus, Cheyenne, Wyo., assignor to The Wyott Manufacturing Company, Cheyenne, Wyo., a corporation of Wyoming
Application June 1, 1937, Serial No. 145,648
10 Claims. (Cl. 221—102)



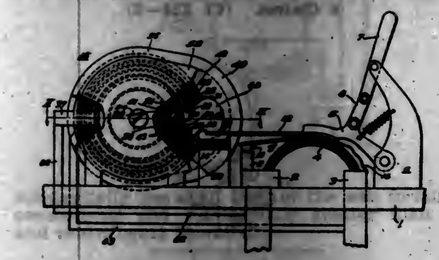
1. In a liquid dispensing pump, in combination, a housing, a vertically reciprocable cupped cylinder within the housing, a liquid chamber around the cylinder within the housing, an outlet in the bottom of the housing, a piston reciprocable within the cylinder, means operable through said outlet for raising the piston, passages in the bottom of the cylinder in open communication with said outlet but having means to open said passages to communication with the chamber when the cylinder is raised and to close said passages against said communication with said chamber when the cylinder is at its lowest position.

2,109,225
MEANS FOR AGING VACUUM TUBES
Dayton Ulrey, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application November 28, 1936, Serial No. 113,159
6 Claims. (Cl. 250—27.5)



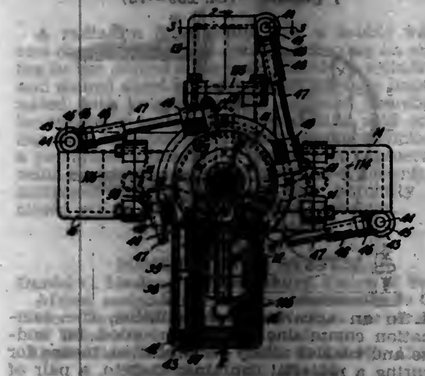
1. The method of aging vacuum tubes which comprises establishing a vacuum therein and causing a series of flashovers between electrodes in the vacuum without heating current applied to the cathode.

2,109,226
CIRCUIT BREAKER
Walter M. Austin, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application January 30, 1933, Serial No. 651,533
20 Claims. (Cl. 200—147)



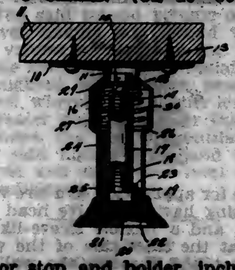
1. In a circuit interrupter, a plurality of concentric cylindrical members of conducting sheet material, means for establishing an arc adjacent said members, and each of a plurality of said cylindrical members having a helicoidal projecting portion extending toward said means for establishing the arc for receiving the arc therefrom and providing a path over which the arc may be moved into said cylindrical members.

2,109,227
POWER TRANSMITTING MECHANISM
Andrew Hoover, Wheaton, Ill.
Application June 19, 1935, Serial No. 27,281
4 Claims. (Cl. 192—30)



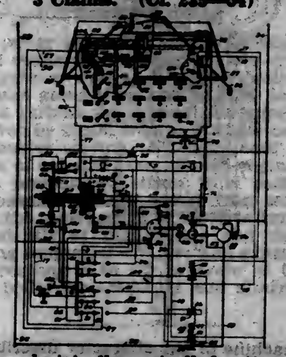
1. In a power transmitter of the character described, the combination with rotatable driving and driven members; of a substantially cylindrical housing provided with a plurality of radially disposed cylinders and secured to one of said members, each of said cylinders having its inner end extended radially inwardly of the cylindrical surface of the housing; a plurality of pistons, one for and cooperable with each cylinder, operatively connected to the other of said members, each cylinder being provided with outlet and inlet ports and an air passage common to both of said ports, said air passage having an open end terminating in spaced relation inwardly of the cylindrical surface of the housing.

2,109,228
DOOR STOP AND HOLDER
Arnold W. Carlson, Lewistown, Pa.
Application August 28, 1937, Serial No. 161,520
6 Claims. (Cl. 16—86)



1. A door stop and holder, including a base for attachment to a base board, a two-part shell, one section of which has free rocking engagement with the base at all times, the other section having telescopic engagement with the first named section, a spring urging the sections outward relative to each other and resisting inward movement of the outer section, and a suction cup attached to the outer end of the second named section.

2,109,229
ELECTRIC CONTROL MECHANISM FOR VOTING MACHINES
Willard G. Cook, Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a corporation of Pennsylvania
Application July 30, 1932, Serial No. 626,491
3 Claims. (Cl. 235—54)



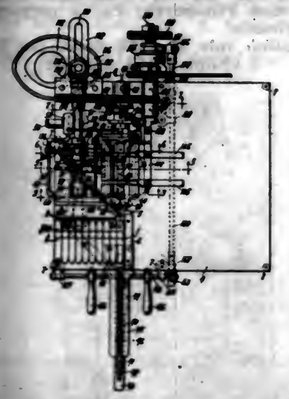
3. In an electrically controlled voting machine a judge's controller for placing the machine in operative condition so that a voter may vote, means controlled by said judge's switch to prevent the judge from interfering with the voting operation, a motor for operating the machine, a voter's controller for starting the motor to place the machine in condition to receive the votes, means for stopping the motor after the machine is in voting condition, a vote interlock, means responsive to the operation of the voter's controller to place said interlock in an inoperative position, a plurality of candidate levers, a plurality of party levers, means responsive to the operation of at least one of said candidate levers or the proper operation of one party lever to place the interlock in operative position, and means responsive to the voter's controller adapted to start the motor to complete the voting operation.

2,109,230
FILTERING VALVE AND THE LIKE
Theodore A. Hammond, Upper Montclair, N. J.
Application July 25, 1934, Serial No. 736,868
8 Claims. (Cl. 183—41)



3. A device for application to a tire valve, comprising a casing having a valve head and valve seat therein, and a flexible sleeve-like filter in said casing at the inlet side of the valve head and valve seat and through the wall of which sleeve the air must pass to reach said valve head and valve seat, said filter having one end thereof fixed with respect to the valve seat and having its other end fixed to and movable with the valve head.

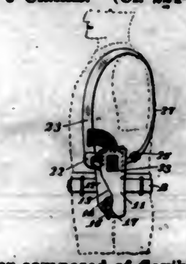
2,109,231
MACHINE FOR LOADING WRAPPERS OR POUCHES
Isaac A. Hardy, Evansville, Ind., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware
Application January 9, 1930, Serial No. 419,701
18 Claims. (Cl. 226—2)



1. A machine of the character described comprising suction holding means movable into contact with opposite sides of a pouch-like container and separable to open one end thereof, a combined guide and spreader comprising a pair of opposite blades having tapering ends normally in contact with each other and movable into the mouth of the container by the passage of a load therebetween, means whereby movement of said blades into the mouth of the container causes said blades to separate and to hold said mouth in open position, and means to load the container while held in open position.

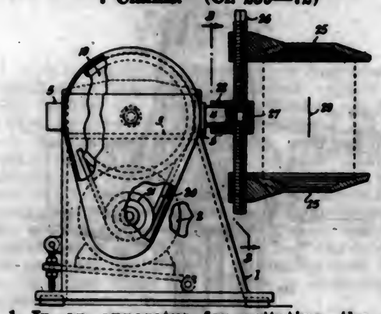
18. In a machine, the combination of a magazine for pouches, a movable tranafer drum having suction openings on its face, means to maintain a partial vacuum thereon during a portion of the rotation of the drum, means to feed pouches on to the drum, means for opening the pouches while so held, a loading device operable while the pouch is opened, and means to relieve the vacuum after the loading operation and to remove the loaded pouch.

2,109,232
HOLSTER
Richard H. Heyt, Los Angeles, Calif.
Application November 18, 1935, Serial No. 50,310
6 Claims. (Cl. 224—2)



1. A holster composed of flexible material bent double to form inner and outer walls, the upper portion of the inner wall being provided with a plurality of vertically disposed slots for the reception of a supporting member, an inverted U-shaped spring imbedded in the upper portion of each wall of said holster and the lower ends of the members forming one pair of the vertical legs of said springs being connected to one another.

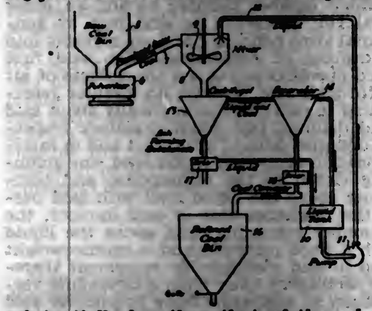
2,109,233
PAINT AND LIQUID MIXER
Arthur P. Jergenson, Racine, Wis., assignor to Ream Manufacturing Company, Racine, Wis., a corporation of Wisconsin
Application November 16, 1936, Serial No. 110,987
7 Claims. (Cl. 259—72)



1. In an apparatus for agitating, the combination comprising a shaft mounted for endwise and coaxial-rotary reciprocation, means for securing a material container thereto, a pair of rocker-arms secured to said shaft, a uniformly rotating drive shaft having an eccentric portion, and a cross-block engaging the ends of said rocker-arms and the eccentric portion of said drive shaft, whereby uniform circular motion of said drive shaft is communicated in the form of endwise and coaxial-rotary reciprocation to said reciprocable shaft.

2,109,234
CENTRIFUGAL ASH SEPARATION
Walter M. Keenan, Fieldston, N. Y.
Application July 15, 1935, Serial No. 31,538
8 Claims. (Cl. 233—1)

2. Process of treating coal to remove ash forming constituents therefrom which comprises mixing the coal with an organic liquid having a boiling point of less than 212° F. and a specific gravity



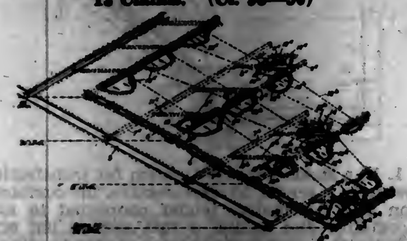
substantially less than that of the ash forming constituents and substantially greater than 1, and centrifuging the mixture.

2,109,235
RADIATION FILTER AND METHOD FOR UTILIZING THE SAME
Hermann Kott, East Orange, N. J., assignor, by mesne assignments, to Ion Corporation, Short Hills, N. J., a corporation of New Jersey
Application June 29, 1935, Serial No. 29,695
1 Claim. (Cl. 250—84)



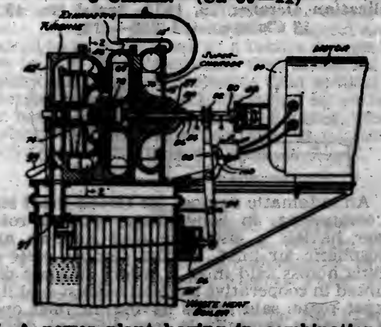
A radiation filter comprising a double walled and domed cylindrical container having an opening in the domed outer wall thereof, a cylindrical and domed sheet of regenerated cellulose impregnated with cobalt chloride enclosed thereby, a hermetically sealed chamber closing said opening from the atmosphere said chamber enclosing a perforated container, a quantity of regenerated cellulose within said container and a gaseous atmosphere having a determined humidity enclosed within said chamber and container.

2,109,236
MINE COOLING SYSTEM
Daniel C. Lindsay, Johannesburg, Union of South Africa, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J., a corporation of Delaware
Application March 21, 1935, Serial No. 12,158
13 Claims. (Cl. 98—50)



1. The method of conditioning and ventilating a mine having a plurality of levels, a lower level having less volumetric air capacity than a higher level which comprises drawing air into said lower level of said mine, conditioning said air, discharging the conditioned air into the working passages of said lower level, drawing a second volume of air into said higher level of said mine, conditioning said second volume of air on said higher level, mixing said second volume of air with the volume of air from the working passages of the lower level, and circulating said mixture throughout the working passages of said higher level, whereby said higher level is supplied with a greater quantity of air than said lower level to meet the greater ventilation requirements of said higher level, and whereby said higher level and said lower level are each desirably conditioned.

2,109,237
POWER PLANT
Ludwig Lustig, Manhasset, N. Y.
Application June 25, 1934, Serial No. 732,196
8 Claims. (Cl. 60—11)



1. A power plant having in combination, an internal combustion engine, a super-charger for said engine, a waste heat boiler utilizing heat in exhaust gases from said engine to produce steam, a turbine for driving said super-charger and driven by steam from said waste heat boiler, an exhauster serving to reduce both the back pressure of exhaust gases of said engine and the exhaust pressure of steam from said turbine, said exhauster utilizing energy from said turbine to drive the same and an alternative device driven independently of said engine and turbine for actuating said super-charger and exhauster, and means responsive to the pressure of the steam in said boiler for actuating said alternative device.

2,109,238
HYDRAULIC JACKING SYSTEM FOR VEHICLES
Donald Wilfred Sessions, Willesden, London, England
Application November 19, 1935, Serial No. 50,530
In Great Britain October 16, 1935
8 Claims. (Cl. 60—52)



1. In a hydraulic jacking system for a motor vehicle and in combination, hydraulic jacks se-

cured beneath the vehicle, a reservoir for containing a liquid for operating said jacks, a pump operable to draw liquid from said reservoir and to deliver the same to said jacks under pressure to actuate said jacks, a valve variously operable when said pump is at rest to prevent the return of liquid delivered by the pump and to by-pass the delivered liquid back into the reservoir to release said jacks, a clutch operable to connect the pump to the engine drive, an electrical signal for indicating when the pump is clutched to the engine drive, a circuit for said signal prepared in part by the closure of the engine ignition circuit, and manually controlled means for operating said clutch, closing said valve, and completing said signal circuit.

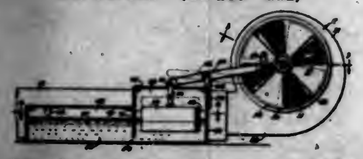
2,109,239

AIR CONTROL MEANS FOR COMBUSTION APPARATUS

Clark Scholl, Springfield, Ohio, assignor to The Steel Products Engineering Company, Springfield, Ohio, a corporation of Ohio

Application October 19, 1935, Serial No. 45,776

13 Claims. (Cl. 230—114)



1. An automatic damper for forced-draft stokers comprising, in combination with a rotary blower having a discharge duct and an axial atmospheric air inlet, a fixed damper plate extending across said inlet, a rotary damper plate mounted in cooperative relation against said fixed damper plate, said plates having air inlet openings movable respectively into different degrees of registration to define the effective air inlet area, and means located outside of said duct for automatically adjusting said rotary plate to increase and decrease said air inlet area respectively in accordance with increases and decreases in the static pressure of the air discharged from said blower.

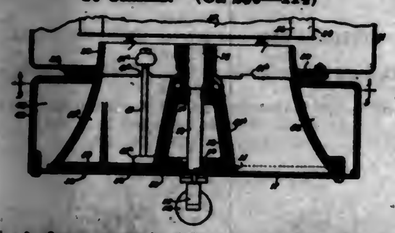
2,109,240

AIR CONTROL MEANS FOR COMBUSTION APPARATUS

Clark Scholl, Springfield, Ohio, assignor to The Steel Products Engineering Company, Springfield, Ohio, a corporation of Ohio

Application November 15, 1935, Serial No. 49,862

10 Claims. (Cl. 230—114)



1. A damper comprising, in combination with an air-flow passage, a fixed damper member defining a plurality of sector-shaped annularly spaced openings in a plane and separated by closed areas, a shaft supported axially of said member, a movable damper member mounted over said fixed damper member and having a central hub rotatably supported on said shaft, said movable damper member having an outer peripheral rim connected to said hub by generally radial arms defining openings movable into various degrees of registration with said first mentioned openings to control the volume of air flowing through said passage, an annular reservoir secured to said rim concentrically about said shaft and defining two liquid chambers respectively at opposite sides of said shaft and in intercommunication below the liquid level, one chamber being closed to the atmosphere and communicating above the liquid level with said passage at the discharge side of said damper, the other chamber communicating above the liquid level with a fixed pressure, and a counterweight connected to said reservoir for movement therewith and oscillatory away from a depending vertical position as said arms move to uncover said openings.

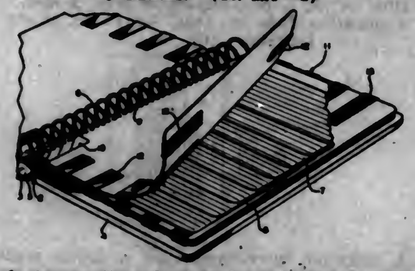
2,109,241

LOOSE LEAF BINDER

John Howard Talmage, Chicago, Ill., assignor to Wilson-Jones Company, Chicago, Ill., a corporation of Massachusetts

Application September 16, 1935, Serial No. 40,707

6 Claims. (Cl. 129—1)



1. An equalizer sheet for loose leaf binders having its top and bottom edges each provided with a series of strips adhered thereto, the series of strips at one edge being laterally spaced alternately of the strips at the opposite edge.

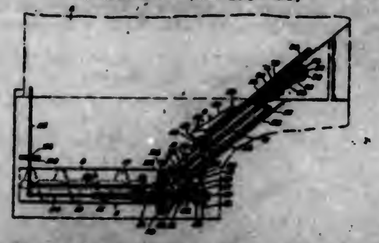
2,109,242

FUEL FEEDING DEVICE FOR LOCOMOTIVES OR THE LIKE

Edgar M. Wilcox, Chicago, Ill., and Alexander M. Stockwell, Elkhart, Ind.

Application June 22, 1935, Serial No. 27,996

6 Claims. (Cl. 198—15)



1. In a stoker conveyor system for transferring fuel from a tender to a locomotive, the combination of a locomotive tender connected to said locomotive and having a fuel storage bin provided with a rear slope sheet, a stoker for transferring fuel from said bin to said locomotive, a

reciprocating fuel pusher mounted for movement with respect to the surface of said slope sheet for transferring fuel disposed thereon toward said stoker, a stoker engine, a drive extending from said stoker engine, means connected to said drive for operating said stoker, means connected to said drive for operating said fuel pusher, clutch means in said last-named means for controlling said fuel pusher, and means operated by the operation of said fuel pusher operating means at the ends of the pusher stroke for controlling the operation of said clutch means for stopping the movement of said fuel pusher.

2,109,243

FURNACE

John Valentine Weisiger, Indianapolis, Ind.

Application September 5, 1935, Serial No. 39,198

4 Claims. (Cl. 110—175)



1. In a furnace having a fire-pot provided with a laterally extending throat, a door closing the outer end of said throat, a box secured to the inner face of said door, said door being provided with openings admitting air to said box, a sleeve vertically slidable in said box and communicating therewith, the upper end of said sleeve sloping downwardly and inwardly of said throat, a conduit mounted in said throat with its outer end disposed above said sleeve when the door is closed, said conduit extending into said fire-pot and being there provided with air-discharge openings, and a member mounted for vertical sliding movement in the outer end of said conduit and projecting therebelow to engage and seat upon the upper end of said sleeve, said member having a passage providing communication between said sleeve and conduit when the door is closed.

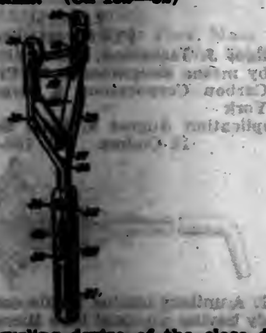
2,109,244

INSTRUMENT FOR CURLING THE LASHES OF AN EYE

Frank Zaglosk, New York, N. Y.

Application May 31, 1935, Serial No. 24,296

11 Claims. (Cl. 132—32)



1. An eyelash curling device of the class described comprising a handle member, a stationary frame projecting from said handle member and having an arc-shaped curling element transversing the outer end portion of said frame, a curved curling element slidably supported in said frame, and means for guiding said element in a circumferential path with respect to one surface of said stationary curling element.

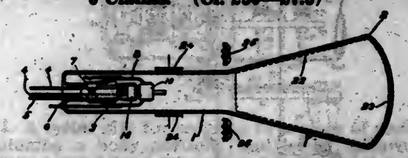
2,109,245

VACUUM TUBE

Vladimir K. Zworykin, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a corporation of Pennsylvania

Application November 16, 1929, Serial No. 407,652

6 Claims. (Cl. 250—27.5)



1. A cathode-ray tube including an electron-source and a first anode, a fluorescent screen and means, including said screen and a second anode adapted to be maintained at a higher voltage relative to said source than said first anode for establishing a convergent electric field around the major portion of the path traversed by an electron between said source and said screen, whereby electrons from said source may be focused to a well defined spot on said screen.

2,109,246

DENSE NONMETALLIC BODIES

John A. Boyer and Carl G. Ross, Niagara Falls, N. Y., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y., a corporation of Delaware

Application July 28, 1936, Serial No. 93,039

6 Claims. (Cl. 75—137)



1. A molded and shaped article in which the principal ingredient is silicon carbide, the said silicon carbide being embedded in a boron carbide matrix.

2,109,247

VARIABLE SPEED DRIVE FOR DRAFTING MACHINERY

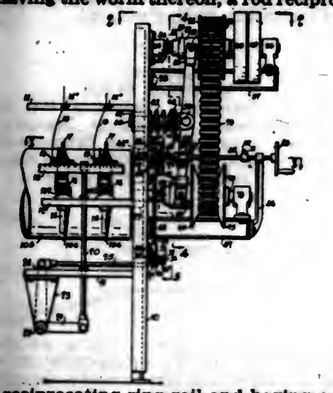
James R. Clay, Granite Falls, N. C., assignor of one-half to Perry L. Moore, Granite Falls, N. C.

Application June 18, 1937, Serial No. 148,962

1 Claim. (Cl. 112—32)

In a spinning frame, twisting frame and the like having a reciprocating ring rail, a drive shaft, a driven shaft for driving the frame, a conical disk fixed on the drive shaft, a second conical disk fixed on the driven shaft, a sliding conical disk keyed for sliding movement on each of said shafts and each having its conical face disposed reversely to the conical face of the fixed conical disks to thereby provide a grooved pulley on each of the shafts, a lever having its ends connected to said sliding disks, a bolt slidably penetrating a portion of the frame, resilient means normally forcing said bolt away from said frame, means pivotally connecting an intermediate point of said lever with said bolt, a member penetrating one end of said lever and having a worm gear

threadedly secured on one end thereof, a shaft having a worm thereon meshing with said worm gear, a ratchet wheel on the other end of said shaft having the worm thereon, a rod reciprocable



by the reciprocating ring rail and having a pawl for engaging said ratchet wheel and whereby said lever is moved and said sliding disks are moved in opposed directions to vary the relative speeds between the drive shaft and the driven shaft.

2,109,248

HEADWEAR

James R. Hibshman, Cleveland Heights, Ohio, assignor to Harold V. Ensten

Application November 9, 1936, Serial No. 109,833

18 Claims. (Cl. 66—171)



8. The process of making a headwear having depending flaps for the neck which comprises rack-knitting a flat substantially V-shaped strip of material having forward inside opposed edges and rear outside edges, and joining the rear outside edges of the V-shaped strip from the outside tip thereof for a substantial distance sufficiently to cover the rear of the head.

2,109,249

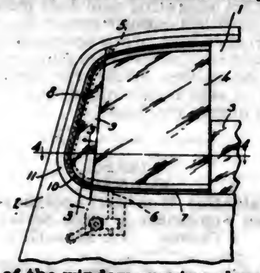
VENTILATING WINDOW

John G. Hickman, Detroit, Mich., assignor to Ternstedt Manufacturing Company, Detroit, Mich., a corporation of Michigan

Application August 12, 1935, Serial No. 35,689

3 Claims. (Cl. 296—44)

1. In a vehicle body having a window opening, a panel mounted in the window opening and pivoted between its front and rear edges to swing about a vertical axis to provide an open space between the portion of the glass forward of the pivots and the forward edge of the window opening, the front edge of the said window panel engaging the forward edge of the window opening when the said panel is swung to closed position, and an auxiliary panel mounted along the forward edge of the window opening along the outside of, and spaced from, the swinging panel whereby when the swinging panel is swung to ventilating position the swinging panel and auxiliary panels cooperate to form a passageway for ventilating air currents.



2,109,250

PROCESS FOR REDUCTION OF CONTAMINATION BY METALS IN CAUSTIC ALKALI SOLUTIONS

Albert H. Hooker, Lewiston, N. Y., assignor to Hooker Electrochemical Company, New York, N. Y., a corporation of New York

No Drawing. Application November 29, 1933, Serial No. 700,361

4 Claims. (Cl. 23—184)

1. The process of preparing commercial solid, substantially anhydrous caustic alkali which, upon dissolving the same in water to make up a 60 to 100 percent saturated solution thereof, allowing said solution to cool and settle and separating the solution from the sludge, will automatically produce a solution of relatively low iron content, which process comprises adding a small quantity of finely divided asbestos fiber to caustic alkali of relatively high iron content while said caustic alkali is in fused condition and allowing said caustic alkali to cool and solidify.

2. As a new article of commerce, solid, substantially anhydrous caustic alkali containing a small quantity of finely divided asbestos fiber.

2,109,251

FLUID MIXER

Wilgot J. Jacobsson, Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application August 8, 1934, Serial No. 738,924

12 Claims. (Cl. 158—27.4)



1. A unitary mixing nozzle comprising a nozzle body having an axial bore therethrough with an enlarged cavity at the rear end of the bore, and an injector nozzle fitted in the cavity in said nozzle body, said injector nozzle having a part thereof spaced from the wall of the cavity and from the rear end of the bore to provide a chamber communicating with the bore, said mixing nozzle having therein a port communicating with the chamber, the axial bore through said mixing nozzle and the passage through said injector nozzle providing means for passage of a gas through said mixing nozzle, said nozzle body having therein a longitudinal passage substantially parallel to the bore, the longitudinal passage in said nozzle body providing means for passage of a second gas through said mixing nozzle to the forward end thereof for mixing with the first gas.

2,109,252

BLOWPIPE

Wilgot J. Jacobsson, Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation, a corporation of New York

Application August 8, 1934, Serial No. 738,925

2 Claims. (Cl. 158—27.4)



1. A blowpipe, for producing flame of varying intensity, comprising a handle; a chamber at the forward end of said handle having inlets for acetylene, inlets for air, and an outlet constituting a mixing throat, said air inlets being adjacent the entrance to said throat; a nozzle adapted to direct a jet of oxygen through a portion of said chamber and into said mixing throat to aspirate acetylene and air into said throat with the oxygen jet; a valve on said handle for controlling the flow of oxygen to said nozzle; said handle being provided with another valve, manually adjustable and independent of said oxygen valve, for varying the amount of acetylene admitted to said chamber whereby the volume of air admitted automatically varies inversely to the volume of acetylene admitted thereby to maintain constant the volume of mixed gases aspirated by said oxygen stream.

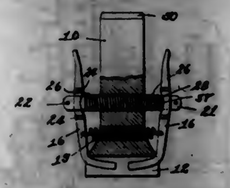
2,109,253

STAMPING TOOL

Welding Johan Kolstad, Hyde Park, Mass.

Application December 8, 1936, Serial No. 114,790

3 Claims. (Cl. 101—23)



1. A stamp holder for the purpose specified having a body portion provided at one end with a slot for the reception of a plurality of stamping members, clamping means for holding the stamp members in the slot and a resilient mounting for securing the clamping means to the body portion.

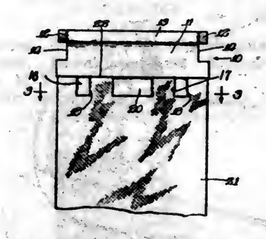
2,109,254

FASTENING DEVICE

Joseph Landgraf, Chicago, Ill.

Application August 27, 1936, Serial No. 98,184

6 Claims. (Cl. 282—29)



1. A metal clip for securing to a piece of cloth, including a body portion, and cloth securing means comprising a plurality of T-shaped fingers each having a head and a body portion extending from the body portion of the clip, said fingers formed to receive the cloth therebetween, and having projections on the outer ends for engaging the cloth and cooperating to retain said cloth secured to the clip.

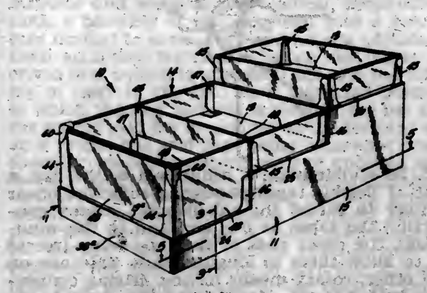
2,109,255

DISPLAY FIXTURE

Robert L. Mapson, Los Angeles, Calif., assignor to M. & D. Display Mfg. Corporation, Los Angeles, Calif., a corporation of California

Application July 27, 1935, Serial No. 33,445

3 Claims. (Cl. 211—128)



1. In a display fixture, the combination of: a pair of supporting members cut on their upper edges to form steps of progressively higher levels, each of said members comprising a pair of spaced sheets of metal, one of said sheets having tab portions for engaging and retaining the adjacent sheet in said spaced relation; and a tray extending between said supporting members at each of said steps, each of said trays having downward bent flanges at opposite ends thereof, said flanges being received and supported between the spaced sheets of said supporting members.

2,109,256

WINDSHIELD OPERATING DEVICE

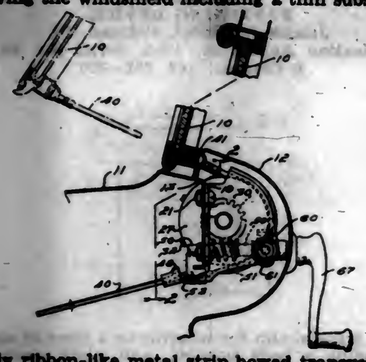
Albert T. Potter, Detroit, Mich., assignor to Ainsworth Manufacturing Corporation, a corporation of Michigan

Application November 10, 1933, Serial No. 697,881

34 Claims. (Cl. 296—34)

1. In combination, a vehicle body, a windshield or the like hinged to the body, and means for

moving the windshield including a thin substan-



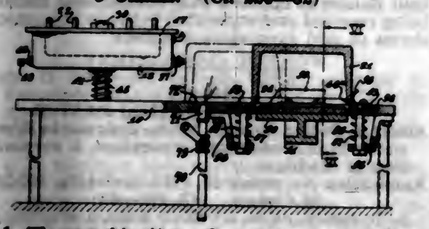
tially ribbon-like metal strip bowed transversely of its length.

2,109,257
WINDSHIELD OPERATING DEVICE
Albert T. Potter, Detroit, Mich., assignor to Ainsworth Manufacturing Corporation, a corporation of Michigan
Application November 26, 1934, Serial No. 754,742
9 Claims. (Cl. 296—84)



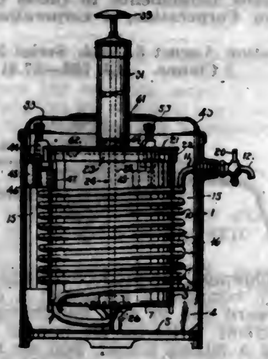
6. In combination, a windshield or the like, a pair of flexible tapes possessing sufficient linear rigidity to thrust the shield open, means connecting the tapes at one end and to the windshield, the other ends of the tape being free so as to allow them to longitudinally slide one on the other, rotary means having driving connection with one tape for moving the tapes longitudinally, and means for causing portions of the tapes to travel linearly in a curved path.

2,109,258
SEALING APPARATUS
Gaines Slayter, Newark, Ohio, assignor to Owens-Illinois Glass Company, a corporation of Ohio
Application March 30, 1933, Serial No. 663,667
Renewed November 9, 1936
5 Claims. (Cl. 226—82)



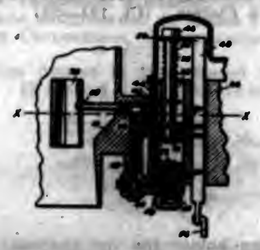
1. The combination of a table, a stationary support for a cover plate or lid, a platform surrounding said support, and springs holding the platform at about the level of the table and permitting downward movement of the platform under pressure, the platform being adapted to hold a hollow article, open side downward, over a cover plate on said stationary support and permitting said article and platform to be moved downward under pressure into sealing engagement with the cover plate.

2,109,259
PORTABLE DISPENSING APPARATUS
Charles R. Yirava, Cleveland, Ohio
Application April 6, 1937, Serial No. 135,230
17 Claims. (Cl. 225—1)



1. An apparatus for dispensing liquid from sealed cans comprising inner and outer spaced receptacles, said inner receptacle adapted to snugly hold the can, means for puncturing the top and bottom walls of said can, outlet means for the liquid in the can communicating with said can holder, and means for placing the liquid in said can under air pressure to force said liquid into and through said outlet means.

2,109,260
CARBURETOR
Milton E. Chandler and Emil O. Wirth, South Bend, Ind., assignors to Bendix Aviation Corporation, South Bend, Ind., a corporation of Delaware
Application December 1, 1933, Serial No. 700,537
5 Claims. (Cl. 261—34)



1. In a carburetor, an acceleration pump comprising a cylinder, a piston therein, a piston rod connected to said piston, an actuating member slidable on said piston rod, and a plurality of springs of different resiliency connected in series between the actuating member and piston.

2,109,261
METHOD OF MORDANTING AND UNION DYEING
Edward S. Chapin, Boston, Mass.
No Drawing. Application January 31, 1936, Serial No. 61,753
10 Claims. (Cl. 8—5)

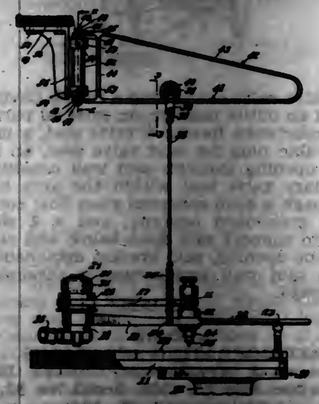
1. A process for the dyeing of union materials composed of animal and vegetable fibers in order to render the dyeings fast to water which comprises treating the materials with a mordant comprising a water soluble chromic salt, and then dyeing the materials with union dyes.

2,109,262
COMBUSTION CHAMBER
Raymond J. Dufour, Oak Park, Ill., assignor to Autogas Corporation, Chicago, Ill., a corporation of Delaware
Application June 1, 1936, Serial No. 82,798
1 Claim. (Cl. 158—1)



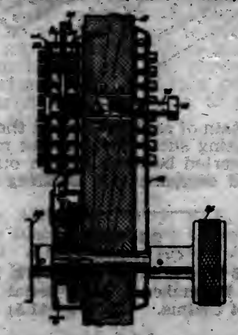
A combustion chamber comprising a stack formed of a series of superimposed segments arranged in layers with the adjacent ends of the segments overlapping and interconnected by ball-and-socket joints, each of said segments having a convex semi-spherical projection and a concave cavity at each end in vertical alinement, said projections and cavities interfitting to form said ball and socket joints, and said segments being arranged so that there are intervening slots between the ends of the superimposed segments for the escape of gases of combustion from the interior of said chamber.

2,109,263
HEAD SUPPORT FOR ROUTING MACHINES
Alphonso R. Eckersall, Chicago, Ill.
Application September 16, 1936, Serial No. 101,024
6 Claims. (Cl. 90—15)



1. The combination with a routing machine for printing plates and the like, having a universally adjustable router head, of supporting means for said head on said machine, and supplementary supporting means for said head independent of said machine, said supplementary supporting means including a trolley and a self-adjusting track for said trolley.

2,109,264
LOCK
Filip Elbaum, Brooklyn, N. Y., assignor to Julius November, Brooklyn, and Arthur B. Just, Astoria, N. Y.
Application August 18, 1937, Serial No. 159,653
12 Claims. (Cl. 70—298)

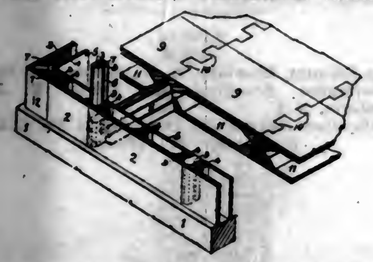


1. In a device of the class described, the combination of a plurality of paired abutting surfaces spaced a pre-determined distance apart, a locking bar slidable between the said pairs of abutting surfaces and provided with a plurality of recesses spaced apart the said pre-determined distance and connected by central, longitudinal slots, a plurality of pins provided with a pair of lugs normal to each other and axially adjustable from an initial position in which one lug is received in a central longitudinal slot and the other lug is clear of the bar, to a projected position in which the first said lug is clear of the bar and the second said lug is received at the forward end of a recess, the said lugs being somewhat wider than the space separating pairs of abutting surfaces, a plurality of keys for axially adjusting certain of the pins to projected position, a latch means for holding the pins of depressed keys in projected positions, and a manipulative means for moving the bar to locking position, and for rotating the projected pins to turn the first said lugs to a position normal to the central, longitudinal lugs and the second said lugs, in alignment therewith, the said bar movement presenting the forward end of the succeeding recesses to the first said lugs, and the said manipulative means being connected to the said latch means to return the projected pins to initial position, the first said lugs of the projected pins entering the forward ends of the said succeeding recesses whereby return movement of the bar is prevented by the abutment of the said lugs with the said abutting surfaces.

2,109,265
INORGANIC BUILDING SYSTEM
Mortimer Foster, Bronxville, N. Y.
Application August 20, 1935, Serial No. 36,980
4 Claims. (Cl. 72—1)

1. A building frame comprising molded units or elements of mineral material, embedded metal reinforcements therein, said units being of various sizes, dimensions and shapes, portions thereon and at different parts thereof shaped to interlock with complemental portions of other similar

and dissimilar units, said portions being brought together and united by said complemental portions without other fastening means to form the building construction, a cementitious substance



between certain of said portions at their abutting surfaces uniting such surfaces and metallic key members inserted between certain other of said portions and engaging said abutting surfaces.

2,109,266
CONDENSER
Albert W. Franklin, New York, N. Y.
Application December 3, 1936, Serial No. 113,961
4 Claims. (Cl. 175—41.5)



1. A condenser as described comprising a fixed metal electrode having an aperture therein and forming the main body of the condenser, an insulating plate resting thereon, a movable metal electrode of substantially the same shape as said aperture but smaller, said movable electrode having projections to overlap the fixed electrode, and means for clamping the parts together, said means comprising a rivet connected to the movable electrode and insulated from the fixed electrode by means of which the movable electrode may be moved.

2,109,267
COMBINED CRIB AND WARDROBE
Mary Gresser, Chicago, Ill.
Application February 25, 1937, Serial No. 127,556
4 Claims. (Cl. 5—2)



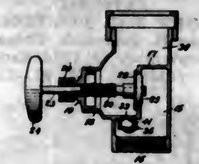
1. In combination with a crib of the type having a vertically slidable side, a wardrobe including a front wall, means in said crib for supporting said wardrobe and upon which the latter is adapted for sliding movement for opening or closing the same with relation to the crib, a panel in parallel relation with said wall, and connecting means between said wardrobe and said panel, said wall and said panel providing a pocket within which said sliding side when lowered is adapted to fit when said wardrobe remains in a closed position relative to the crib.

2,109,268
KEY-IDENTIFYING DEVICE
Charles F. l'Anson, Kenosha, Wis.
Application May 6, 1936, Serial No. 78,232
2 Claims. (Cl. 40—10)



1. A key-identifying device for association with the handle of a pin tumble lock key comprising an open frame of a smaller size than the handle of the key including a front plate and a rearwardly directed flange, an identification card fitted in the frame against the front plate and confined by said flange, bendable tongues on the flange for engaging the rear face of the card, a centrally disposed bendable tongue formed on the upper edge of the frame for engaging in the keyring opening of a key handle, and oppositely extending bendable tongues formed on the lower side of the frame adjacent to the opposite ends thereof for engaging about the lower edges of a key handle.

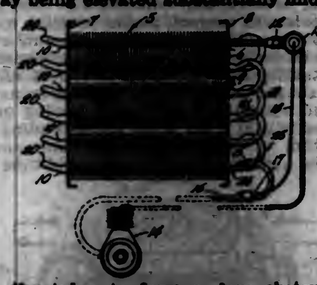
2,109,269
FLOODLESS RADIATOR STEAM VALVE
Julius B. Kehat, Brooklyn, N. Y.
Application October 17, 1936, Serial No. 106,111
1 Claim. (Cl. 277—54)



A radiator valve comprising a casing having an inlet and an outlet passage, an integral partition wall therebetween having a valve seat, a manually operable plug for said valve seat, an independent opening through said wall constituting an auxiliary valve seat within the area of the inlet passage, a solid spherical glass float controlling the mentioned opening, and a Z shaped bracket to support said float below and contiguous to the opening, said bracket detachably secured to said wall and accessible through the inlet passage.

2,109,270
REFRIGERATING APPARATUS
Hermann J. Krackowizer, Chicago, Ill.
Application July 25, 1936, Serial No. 92,515
4 Claims. (Cl. 62—126)

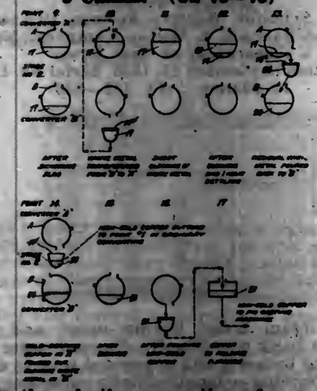
1. A cooling unit having a pair of horizontal, laterally spaced tubes at the same elevation, and a return bend connecting corresponding ends of the tubes and having a passageway therethrough from one tube to the other, said passageway being elevated substantially midway between the tubes to form a dam obstructive to flow of liquid from either tube to the other.



2,109,271
VITREOUS ENAMELED PRODUCTS
Daniel E. Krause, Columbus, Ohio, assignor, by mesne assignments, to Monsanto Chemical Company, a corporation of Delaware
No Drawing. Application October 5, 1936, Serial No. 104,863
10 Claims. (Cl. 91—73)

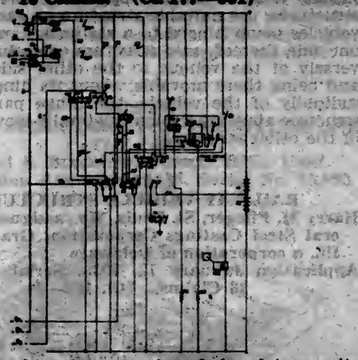
1. A vitreous enameled article comprising a layer of vitreous enamel vitrified upon the surface of a steel sheet said steel containing from 0.1 to 1.0% of phosphorus, the balance being iron containing the usual impurities ordinarily occurring in enameling steel.

2,109,272
SELECTIVE CONVERTING OF COPPER MATTE
Leonard Larsen and John C. Kinnear, McGill, Nev., assignors to Kennecott Copper Corporation, New York, N. Y., a corporation of New York
Application May 21, 1935, Serial No. 22,572
5 Claims. (Cl. 75—75)



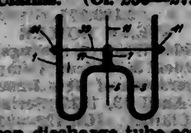
1. In the selective converting of copper matte containing gold, the method which consists in blowing such matte to white metal, subjecting the white metal to a partial blow so short as to convert only a comparatively small percentage of the copper originally in the matte into particles of metallic copper disseminated throughout the mass of white metal, and holding the charge quiet over so long a period as to permit a long settling out of the fraction of copper converted, the particles of copper disseminated throughout the mass during the short blow and long settling period providing a large gold-collecting surface in contact with the matte so that the fraction settled out has a comparatively high gold content, said method being practiced with two converters A and B, by the partial blowing and long settling of the double charge of white metal in A and the collection of a small fraction of high gold copper therein, the pouring of the remaining white metal into B and the blowing of it therein to copper of comparatively low gold content, the removal of such low gold copper from B and the refilling of B with matte and flux, the addition to the molten bottom in A of new matte and flux, the blowing of the charge in the two converters to produce white metal, the transfer of the white metal from B to A and the repetition of the previous steps so as to extract additional gold in a single bottom in converter A until a bottom of the desired enrichment is obtained.

2,109,273
NONINTERFERING SUCCESSIVE SIGNALING SYSTEM
Manfred W. Mushter, Nutley, N. J., assignor to American District Telegraph Company, Jersey City, N. J., a corporation of New Jersey
Application December 21, 1934, Serial No. 758,582
16 Claims. (Cl. 177—361)



1. In combination, a series of signal transmitters; an energized operating line and an energized starting line; each transmitter including a motor for operating the transmitter; means for connecting each motor in circuit with the starting line for energizing such motor; and means operated by each motor for connecting such motor to the operating line for operating the associated transmitter and isolating the starting line and the portion of the operating line on one side of the associated transmitter.

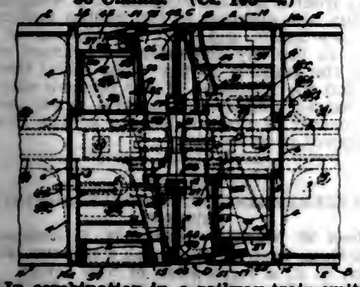
2,109,274
TUBE STRUCTURE
Hans Nicolaesen, Berlin, Germany, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands
Application November 19, 1935, Serial No. 50,487
In Germany November 12, 1934
4 Claims. (Cl. 250—27.5)



1. An electron discharge tube comprising electrodes, an envelope, a press, an anchoring mem-

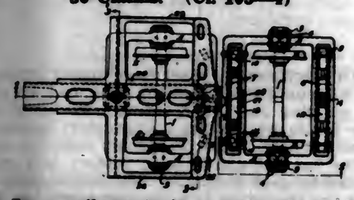
ber passing through said press transversely to the major axis thereof, and means fastening said anchoring member to the walls of said envelope.

2,109,275
RAILWAY CAR STRUCTURE
Harry M. Pflager, St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application December 22, 1933, Serial No. 703,806
58 Claims. (Cl. 105—2)



1. In combination in a railway train unit, adjacent vehicles having opposing movable end structures, the movable structure on each of said vehicles being hinged to a stationary member at one side thereof, said structure extending transversely of the vehicle to the other side thereof and being there movable, about its hinge, longitudinally of the vehicle, the hinge part of one structure abutting the longitudinally movable part of the other structure.

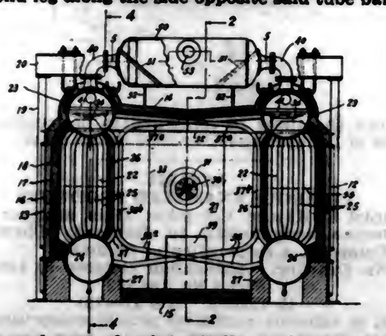
2,109,276
RAILWAY VEHICLE STRUCTURE
Harry M. Pflager, St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill., a corporation of Delaware
Application January 12, 1935, Serial No. 1,481
36 Claims. (Cl. 105—4)



26. In a railway train, a pair of car bodies coupled together at their adjacent ends, individual two-wheel trucks under the adjacent end portions of said bodies, said trucks including structure arranged to provide for lateral motion of the wheels and axles relative to said bodies and being coupled direct to each other so that the wheels extend in a line substantially tangent to the track when rounding curves, said lateral motion structure having means cushioning the lateral forces between the wheel flanges and the body.

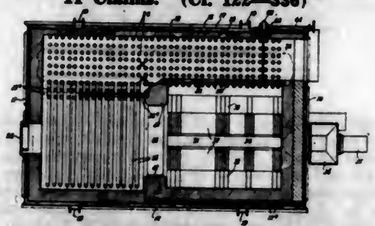
2,109,277
STEAM BOILER
Karl C. Schmidt, Western Springs, Ill., assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey
Application April 13, 1935, Serial No. 16,115
20 Claims. (Cl. 122—235)

1. A steam boiler having a pair of substantially parallel horizontally disposed upper and lower drums, a bank of vertically disposed water tubes extending between and connected to said drums along the length thereof, means forming a longitudinally extending combustion lane and a heating lane laterally adjoining said combustion lane and containing said tube bank, a row of substantially L-shaped water tubes extending transversely of said combustion lane each having one leg connected to said lower drum and extending along the bottom of said combustion lane and the second leg along the side opposite said tube bank,



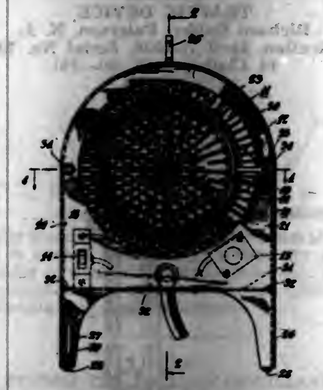
a second row of substantially L-shaped water tubes extending transversely of said combustion lane each having one leg connected to said lower drum and extending along said tube bank and the second leg extending across the top side thereof, a longitudinally extending drum connected to the upper ends of both of said rows of L-shaped tubes, and means for burning fuel in said combustion lane and generating heating gases flowing longitudinally thereof and thence through said heating lane.

2,109,278
STEAM BOILER
Karl C. Schmidt, Western Springs, Ill., assignor to The Babcock & Wilcox Company, Newark, N. J., a corporation of New Jersey
Application September 25, 1936, Serial No. 102,492
11 Claims. (Cl. 122—336)



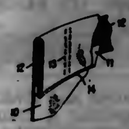
1. A steam boiler having upper and lower drums, a bank of vertically disposed water tubes extending between and connected to said drums, means forming a longitudinally extending combustion lane and a heating lane laterally adjoining said combustion lane and containing said tube bank and communicating with said combustion lane at one end thereof, a stoker at the opposite end of said combustion lane for burning solid fuel thereon and generating heating gases flowing longitudinally through said combustion lane and thence through said heating lane, and a dividing wall structure including transversely spaced refractory winged walls arranged to provide a restricted outlet for the heating gases to the remaining portion of said combustion lane.

2,109,279
ELECTRIC HEATER
Harvey A. Soverhill, Chicago, Ill., assignor to The American Foundry Equipment Company, Mishawaka, Ind., a corporation of Delaware
Application July 6, 1935, Serial No. 30,987
9 Claims. (Cl. 219—39)



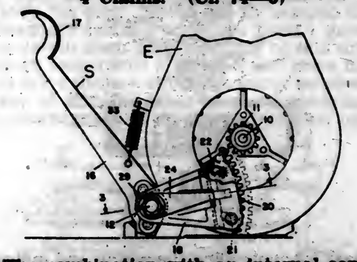
7. In an electric air heater, an annular grid comprising an annular jacket, electric heat generating elements within said jacket, said jacket being cast around said electric heat generating elements, outer heat dissipating flanges extending outwardly from said jacket, inner heat dissipating flanges extending inwardly from said jacket and utilizing substantially the entire heat dissipating space within said jacket, and a fan adjacent said grid for directing a stream of air over said grid.

2,109,280
GARMENT SUPPORT
Siegfried Rasch, Essen, Germany
Application December 6, 1935, Serial No. 53,133
2 Claims. (Cl. 2—237)



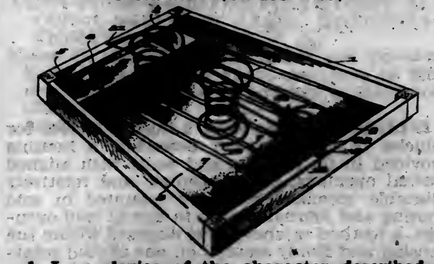
1. In a lower garment having a waistband, a continuous hem formed in a piece of material adjacent the upper edge thereof, a relatively wide flat strip of elastic material extending along the major portion of the hem but terminating short of either end thereof, a plurality of spaced rows of stitching, two of which are adjacent the end of the elastic band, extending transversely of the band and securing the same to the garment adjacent the hem, with a narrow portion of the hem lying outside the band, the attachment between said garment material and elastic strip being such that the elastic strip is stretched to a fraction of its elasticity when the garment material is stretched out to its limit and said band and hem being folded over and stitched to the garment by a row of stitching along the length of the hem but not extending through the band, said band of elastic material lying inside a pocket thus formed and being free of stitching to the outside of the pocket, and means to button one end of the hem to the other.

2,109,281
ENGINE STARTER
Alfred S. Besma, New Holstein, Wis., assignor to The Lauson Company, New Holstein, Wis.
Application March 6, 1937, Serial No. 129,401
4 Claims. (Cl. 74—6)



1. The combination with an internal combustion engine including a crank-shaft and a starter pinion thereon, of a starting device for the engine including an oscillating starting arm, means for operating the arm, a sector gear slidably mounted on said arm for free radial movement toward and away from the pinion having angularly extending slots therein, stationary pins carried by the arm mounted in said slots for engaging the angular walls thereof, and means for initially retarding movement of the sector gear with the arm, as and for the purpose specified.

2,109,282
SPRING STRUCTURE FOR FURNITURE AND THE LIKE
Samuel S. Bernstein, Beverly Hills, Calif.
Application August 13, 1936, Serial No. 95,893
5 Claims. (Cl. 155—179)

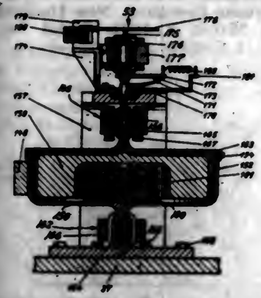


1. In a device of the character described, a frame, a coil spring supporting fabric secured to said frame, said fabric being provided with ribs, a coil spring on said supporting fabric, a coil of said spring passing through the material of one or more of said ribs to secure the same to the fabric.

2,109,283
INSTRUMENT FOR INDICATING NAVIGATIONAL FACTORS
Johann Maria Boykow, Berlin-Lichterfelde-West, Germany, assignor, by mesne assignments, to Deutsche Luftfahrt- und Handels-Aktien-Gesellschaft, Berlin, Germany, a corporation of Germany
Application January 10, 1934, Serial No. 705,997
21 Claims. (Cl. 72—151)

4. An instrument for indicating navigational factors, comprising an integrator including a swinging mass oscillatable about a vertical axis, a reversible electric motor with a field and an armature, the field being rigidly connected with

the swinging mass, and the armature being freely rotatable coaxially with the swinging mass, and a contact mechanism connected with the swing-



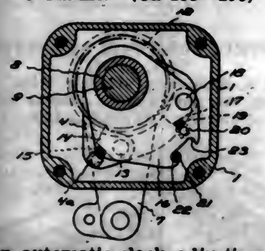
ing mass for controlling the motor, and indicating means actuated in accordance with the motor revolutions.

2,109,284

SLACK ADJUSTER FOR MOTOR VEHICLE BRAKES

Erik Johan Mårten Brinck, Selvesborg, and Rune Viktor Augustus Olsson, Kyrkhult, Sweden

Application October 22, 1936, Serial No. 107,080
In Sweden October 24, 1935
8 Claims. (Cl. 188—196)



1. In an automatic slack adjusting device for vehicles of the character described, a housing provided in its opposite end walls with aligned journal openings, two concentric and relatively rotatable members rotatably mounted in said housing and journaled each in one of said openings, a toothed ratchet wheel disposed within the housing and firmly secured on one of said rotatable members, a pawl carried within the housing on the other of said rotatable members and adapted to cooperate with the said ratchet wheel, and a second pawl disposed within the housing and also adapted to cooperate with the said ratchet wheel and movable within predetermined limits together with the ratchet wheel, the teeth of the ratchet wheel being inclined in the direction opposite to the direction in which the ratchet wheel is intended to be rotated at brake application movement.

2,109,285

ALLOY

Marshall H. Brown, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application March 26, 1937, Serial No. 133,267

2 Claims. (Cl. 75—171)

1. Alloys resistant to corrosive agents which consist of from 28 to 40% of molybdenum, small but effective amounts of iron up to 5%, of copper up to 5%, of tungsten up to 10%, chromium and manganese each in small but effective amounts and totalling up to 0.25%, carbon up to 0.05%, silicon up to 0.10%, and the balance of the alloy being nickel.

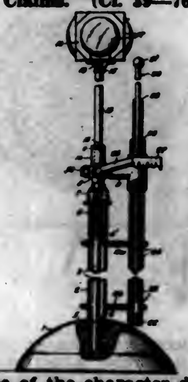
2,109,286

TRAFFIC DEVICE

Richard Cubby, Paterson, N. J.

Application April 7, 1936, Serial No. 73,140

12 Claims. (Cl. 39—76)



3. In a device of the character described, the combination of a support having a bracket projecting therefrom, a guard pole carried by said support and movable vertically and longitudinally into and out of said bracket, said guard pole when free from said bracket being also movable into two horizontal positions, one across the path of the pedestrian and the other at right angles to said path.

2,109,287

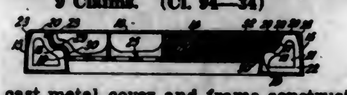
MANHOLE COVER AND FRAME

Vivian Elkington, Dover, England

Application November 1, 1935, Serial No. 47,857

In Great Britain November 9, 1934

9 Claims. (Cl. 94—34)



1. A cast metal cover and frame construction for manholes, comprising a frame of inverted substantially U-shaped channel section adapted to be filled with concrete or the like, said section being also provided with openings at the top whereby the section may be filled either from the bottom or the top, the inner side wall of the channel being formed with a cover-seating surface extending continuously around the frame and from the top to the bottom, said surface being inclined over at least a part of its depth, and a cover having a seat conforming for close face to face contact from top to bottom with said cover-seating surface.

2,109,288

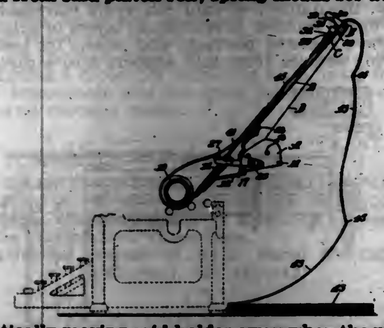
TYPEWRITER ATTACHMENT

John E. Euth, Chicago, Ill., assignor to United Autographic Register Co., a corporation of Illinois

Application January 6, 1936, Serial No. 57,831

10 Claims. (Cl. 197—126)

1. In a typewriter having a carriage with a platen roll around which stationery strips interleaved with transfer-slips may be led: a frame mounted on said carriage; a transfer-slip holder slidably mounted on said frame for movement to and from said platen roll; spring means for auto-



matically moving said holder away when the platen roll is turned rearwardly; means for locking said holder in a position remote from said platen; and manual means adjacent to said platen roll for releasing said locking means.

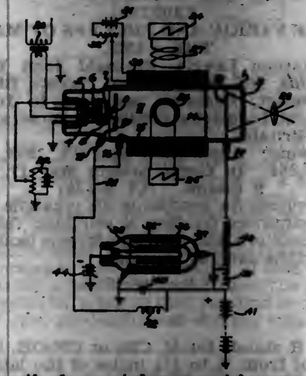
2,109,289

HIGH POWER PROJECTION OSCILLOGRAPH

Philo T. Farnsworth, San Francisco, and Frank J. Selmers, San Jose, Calif., assignors to Farnsworth Television Incorporated, San Francisco, Calif., a corporation of California

Application November 2, 1936, Serial No. 108,723

3 Claims. (Cl. 178—7.7)



1. A cathode ray tube comprising an envelope containing a source of electrons, a collecting electrode normally distortable by the electrostatic stresses set up when energized to a predetermined steady collection potential, an oscillator connected to said electrode, and circuits maintaining the frequency of said oscillator substantially higher than the natural period of said collecting electrode.

2,109,290

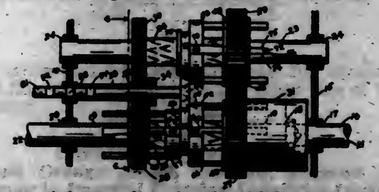
TRANSMISSION

Charles Heckmann, West Palm Beach, Fla.

Application February 20, 1936, Serial No. 64,974

6 Claims. (Cl. 74—377)

1. In a transmission, the combination of a drive shaft, a driven shaft co-axial with said drive shaft, a countershaft parallel thereto, a housing member fixedly secured to the drive shaft, drive means fixedly mounted on said housing member, drive means rotatably mounted on the driven shaft, driving means on the countershaft, one of said driving means fixedly secured to said countershaft, the other of said driving means rotatable on said countershaft, a pinion means in mesh with the drive means on the driven shaft and with the drive means fixedly secured to the countershaft, housing members fixedly mounted on the driven shaft and internally of said driving means on said driven shaft and said drive means on the drive shaft, a further housing member internally of said rotatably mounted countershaft drive means, expansible means mounted on the



outer periphery of each of said housing members, a plurality of operating means carried by each of said housing members and adapted for engagement with said expansible means, each of said drive means being freely rotatable when its respective expansible means is in contracted position and operatively connected with its associated shafts when said expansible means is in expanded position, means slidably mounted on said driven and countershafts having means for engaging and disengaging the said plurality of operating means, means connecting said slidable means for synchronously shifting said slidable means.

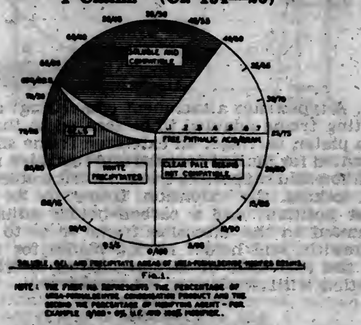
2,109,291

UREA-FORMALDEHYDE-POLYHYDRIC ALCOHOL-POLYBASIC ACID CONDENSATION PRODUCTS

Almon G. Hovey, Pleasant Ridge, and Theodore S. Hedgins, Detroit, Mich., assignors to Helmuth Reichhold, doing business as Reichhold Chemicals, Detroit, Mich.

Application June 10, 1937, Serial No. 147,568

1 Claim. (Cl. 134—26)



A coating composition comprising the product of reaction of a urea-formaldehyde condensation product and an unmodified polyhydric alcohol-phthalic anhydride modifier, said reaction product consisting of a quantity of modifier within the range of 32.5%–60.0% and a quantity of urea-formaldehyde condensation product falling within the range of 40.0%–67.5%, an excess of polyhydric alcohol of 100% over the theoretical proportion being employed in the modifier, and the

molecular ratio of formaldehyde to urea being at least 2–1, the reaction being carried out in the presence of butanol.

2,109,292
GRINDING DEVICE
Joseph Hribar, Lockport, Ill.
Application July 20, 1936, Serial No. 91,611
14 Claims. (Cl. 51—241)



1. A grinding implement of the character set forth, comprising an elongated frame equipped at its upper end with a crank-shaft bearing; a flexible endless belt of abrasive material mounted on a roller journalled in said frame; means for driving said belt; and means for adjusting said belt towards and away from the crank-shaft.

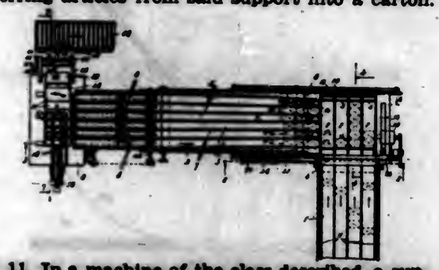
2,109,293
ADAPTER FOR TYPEWRITERS
Louis Jensen, Chicago, Ill., assignor to United Autographic Register Co., a corporation of Illinois
Application October 14, 1937, Serial No. 169,017
6 Claims. (Cl. 197—126)



1. A typewriter attachment comprising: a supporting frame adapted to be secured to the rear of a platen carriage; an extension frame slidably mounted for limited forward and rearward movement on said supporting frame; a releasable catch for locking the extension frame in its rearmost position; and a carbon-holder adjustably mounted on the extension frame so as to move therewith, said holder having blades for securing the rear ends of carbon slips in interleaved relation with stationery led thereover.

2,109,294
CASE PACKING MACHINE
Wallace D. Kimball, Jackson Heights, and Cornelius I. Braren, Jamaica, N. Y., assignors to Standard-Knapp Corporation, Long Island City, N. Y., a corporation of New York
Application February 7, 1934, Serial No. 710,664
Renewed January 5, 1937
19 Claims. (Cl. 226—14)

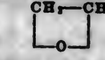
1. In a machine for packaging articles, a support on which the articles are assembled, a plurality of conveyors for feeding the articles to said support, said conveyors being arranged to deliver the articles to the support at points displaced from each other both vertically and horizontally, the number of said conveyors corresponding to the number of horizontal layers of articles in the completed package, and means for transferring articles from said support into a carton.



11. In a machine of the class described, a support for receiving articles to be packed in a carton, means for assembling articles on said support in position to be placed in the carton, means for discharging said articles into the carton, and means for holding a carton in filling position adjacent said support including a rock-arm adapted to engage the carton to hold it horizontally at the filling position and aid in lowering and turning the carton from horizontal filling position to upright position, and means actuated by said arm to stop the operation of said article-discharging means when the carton is moved away from filling position.

2,109,295
TEXTILE FABRIC AND PROCESS OF MAKING THE SAME
Leslie Gordon Lawrie, Reginald John William Reynolds, and Henry Alfred Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application May 13, 1935, Serial No. 21,294. In Great Britain May 17, 1934
9 Claims. (Cl. 8—30)

1. A process for producing an organdie fabric, which comprises treating a cellulosic fabric in the presence of alkali with an alkylene oxide compound of the general formula



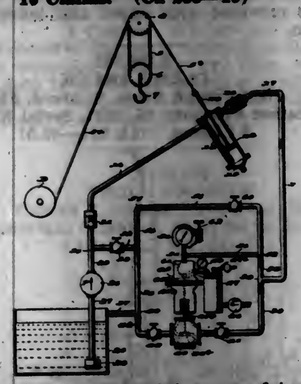
wherein R stands for H, CH_3 or CH_2OH, in proportion of from ½ to 1½ moles of the latter per unit of $C_6H_{10}O_5$ in the fabric, and under conditions equivalent to about room temperature and a time from about 17 to about 20 hours.

2,109,296
FUEL CONTROL APPARATUS
William E. Leibing, Sausalito, Calif., and William B. Fageol, Kent, Ohio
Application October 14, 1931, Serial No. 568,944
9 Claims. (Cl. 123—97)



1. In combination with the carburetor and throttle of an internal combustion engine; a fuel supply cut-off valve adapted for installation adjacent to and on the engine side of said throttle valve; and completely automatic means operative only when the throttle is in idling position and the pressures on the engine side of the throttle drop below the pressures normally present when the engine is idling to actuate said valve to cut off the fuel supply to the engine, said means including a device for admitting air directly from the atmosphere into the space between said cut-off and throttle valves.

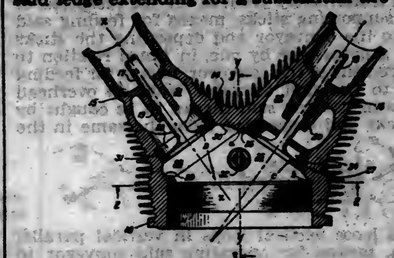
2,109,297
HYDRAULIC CONTROL FOR DRILLING RIGS
William F. McMurry and George F. Phillips, Tulsa, Okla., assignors to Scientific Engineering Corporation, Tulsa, Okla.
Application August 14, 1935, Serial No. 36,187
10 Claims. (Cl. 255—19)



1. Apparatus for maintaining a predetermined drilling weight on a string of drilling tools, including means controlled by variations in said predetermined weight to compensate for said variations, said means comprising a fixed hydraulic cylinder, a piston and piston rod in said cylinder, means for securing the dead end of a tool supporting cable to said piston rod, a pump for continuously delivering fluid to said cylinder under a constant pressure, separate means for continuously discharging fluid from said cylinder, and means responsive to the pressure in said cylinder for controlling said discharge means, the pressure in said cylinder being in turn responsive to variations of said predetermined drilling weight.

2,109,298
INTERNAL COMBUSTION ENGINE
Frank C. Mock, Montclair, N. J., assignor to Eclipse Aviation Corporation, East Orange, N. J., a corporation of New Jersey
Application December 16, 1935, Serial No. 53,822
9 Claims. (Cl. 123—191)

1. In an internal combustion engine, a cylinder, a cylinder head therefor, having a combustion space therein and an intake port in one side thereof, a valve for said port having its axis inclined to the axis of said cylinder, said cylinder head having its combustion space defined by two intersecting curved surfaces, one of which is a surface of revolution coaxial with said valve and has a center of curvature between the cylinder axis and the valve, and has a curvature radius greater than the distance between the center of curvature and the cylinder wall adjacent the valve, a ledge beneath the lower edge of said valve having a surface extending radially of the cylinder and merging with the surface of revolution, said ledge extending for a substantial arc around

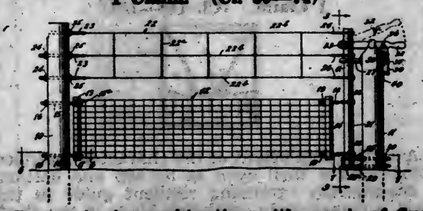


the inner periphery of said head for directing fluid flow from said port to the other side of the cylinder.

2,109,299
CHEMICAL COMPOSITION
Joseph Grange Moore, Runcorn, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application April 6, 1936, Serial No. 73,042. In Great Britain April 25, 1935
5 Claims. (Cl. 260—1)

4. The process for the preparation of rubber hydrochloride which comprises treating with hydrogen chloride a solution of raw rubber in a solvent, the solvent being present in an amount sufficient to dissolve all the rubber but insufficient to dissolve all the rubber hydrochloride formed, and continuing the treatment with hydrogen chloride until there is a separation of the reacting mass into a liquid phase consisting of the solvent which yields no further solid on treatment with methanol, and a gel of rubber hydrochloride.

2,109,300
GATE
Martin Mortensen, Verdi, Nev.
Application March 11, 1936, Serial No. 68,331
1 Claim. (Cl. 29—74)

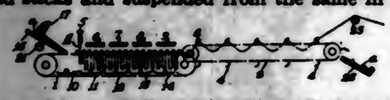


In a gate, in combination with a pair of fixed gate posts, a flexible gate connected to one of the posts and adapted to be locked to the other post; a lever secured to the gate at its free end in such a way that the lever may be swung to tighten or loosen the gate, said lever being directly engageable with the other gate post to hold the gate in tension; said other gate post having a slot in its top providing a keeper for the lever, which is swung vertically down into the slot.

2,109,301
APPARATUS FOR AFTER-TREATMENT OF FRESH MADE RAYON THREAD
Kazuji Nakano, Nada-ku, Kobe, Japan
Application February 25, 1935, Serial No. 8,176
In Japan March 2, 1934
1 Claim. (Cl. 8—16)

A machine for the after-treatment of rayon threads, comprising in combination, the following

elements, to wit: an endless conveyor composed of a pair of chains in parallel relation, composed of links transversely grooved for the reception of thread supporting sticks, means for feeding said sticks to the conveyor and depositing the sticks in said grooves, one by one, in timed relation to the movement of the conveyor, means for feeding thread to the said conveyor from an overhead source and causing said thread to be caught by said sticks and suspended from the same in the



form of loose vertical loops in vertical parallel relation, means for operating said conveyor to cause the loops to be carried back from the point of first formation, a second conveyor similar to the first and geared to the latter so as to travel at a faster rate than the latter, and means for transferring the sticks and suspended loops to the second conveyor and causing said loops to be shortened and spaced apart a greater distance than by the first conveyor.

2,109,202
CARBON ELECTRODE
Eberhard Neukirch, Bitterfeld, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application October 31, 1933, Serial No. 696,113. In Germany November 5, 1932
4 Claims. (Cl. 176—123)

3. An unbaked carbon electrode comprising powdered coke and a bonding medium, the latter substantially consisting of at least about 90 percent by weight of solid bitumen, the remainder being oil bitumen.

2,109,203
CUTTING IMPLEMENT
Hill Ogletree, Austin, Tex.
Application April 6, 1937, Serial No. 135,323
1 Claim. (Cl. 146—162)



A cutting implement of the character described comprising a shell open at its top and bottom, a downwardly extending resilient guide in the shell, a transversely extending blade in the shell, said blade underlying the lower end of the said guide and having its ends abutting a pair of opposed walls of the shell, and blade clamping brackets struck out from opposite sides of the shell, the upper and lower edges of the struck out portions being bent over the upper and lower edges of the blade for supporting the ends of the blade in the shell.

2,109,204
CRANE
Elon A. Ormsby, Centerville, Calif.
Application June 15, 1937, Serial No. 148,292
2 Claims. (Cl. 212—65)

1. In a crane the combination of a platform provided with a socket, a base plate secured upon the platform, a tubular standard extending through the base plate and fitting in the socket at its lower end, braces between the plate and the upper end of the standard, and a rotary mast the lower part of which fits within the standard



and is provided with upper and lower bearings therein.

2,109,205
CLAMP TRUCK
Paul Joseph Stine, Sanford, Fla.
Application February 26, 1937, Serial No. 127,985
3 Claims. (Cl. 214—65.5)



1. The combination with a hand truck having inwardly and outwardly movable gripping bars at the lower end thereof, of means above the bars for moving said bars inwardly and outwardly and adjusting the range of operation thereof, said means comprising operating arms pivotally and floatably mounted on the truck, the lower ends of said arms being pivotally connected to the gripping bars, a rotatable threaded shaft carried by the truck adjacent its upper end and having right and left hand threads, the upper ends of the operating arms being threadably connected to said threaded shaft, said means for adjusting the range of operation being disposed between the bars and threaded shaft.

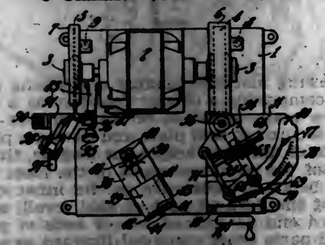
2,109,206
WOOL-LIKE ARTIFICIAL FIBERS AND PROCESS OF MAKING SAME
Arthur von Weinberg, Frankfort-on-the-Main, Hanns Rein, Bad Homburg v. d. H., and Otto Eisenhut, Heidelberg, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application January 5, 1934, Serial No. 705,474. In Germany January 17, 1933
4 Claims. (Cl. 18—54)

1. Process of manufacturing artificial fibers which comprises dehydrating newly spun wet regenerated cellulose fibers having the dyeing properties of copper silk at room temperature in several successive baths containing liquid alcohol of an increasing concentration, the dehydration being interrupted when the treated fibers still contain the so-called molecular water usually present in commercial brands.

2,109,207
PROCESS OF MAKING WOOL-LIKE ARTIFICIAL FIBERS
Arthur von Weinberg, Frankfort-on-the-Main, Hanns Rein, Bad Homburg v. d. H., and Otto Eisenhut, Heidelberg, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany
No Drawing. Application December 13, 1934, Serial No. 757,572. In Germany December 29, 1933
3 Claims. (Cl. 18—54)

1. Process of making a wool-like artificial fiber which comprises treating wet fiber, which has been spun from viscose having a degree of ripeness below 7 to 6 Hottenroth, with organic liquids miscible with water.

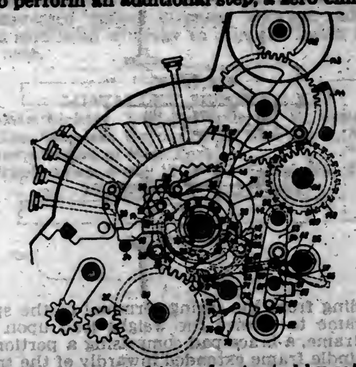
2,109,208
DRILL GRINDER
Carroll E. Adams, Pawtucket, R. I.
Application March 2, 1936, Serial No. 66,836
9 Claims. (Cl. 51—219)



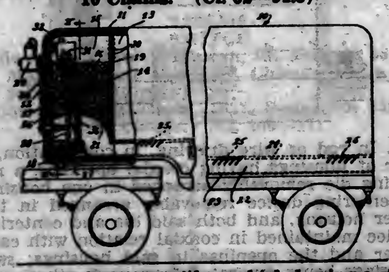
1. In combination, in a drill grinding apparatus, a base, a grinding wheel mounted on the base, means for operating the grinding wheel, a clutch for holding a drill, a bearing sleeve in which said clutch is slidably and rotatably supported, means for moving said clutch longitudinally in said bearing sleeve when said clutch is rotated comprising a radially adjustable stud on said bearing sleeve and a cam on said clutch cooperating with said stud, said cam being provided with a plurality of arcuate cam faces, each of said cam faces having an inner annular edge in a plane perpendicular to the axis of said clutch and an outer annular edge in a plane at an angle to the plane of the inner edge, as described.

2,109,209
CASH REGISTER, ACCOUNTING AND THE LIKE MACHINES
Ernst Breitling, Berlin-Tempelhof, Germany, assignor to The National Cash Register Company, Dayton, Ohio, a corporation of Maryland
Application September 5, 1935, Serial No. 39,208
In Germany November 29, 1934
3 Claims. (Cl. 101—93)

1. In a cash register, accounting and the like machine provided with a recording device containing type carriers, a differential device performing a differential movement during a machine operation, said differential device consisting of an actuating and a differential member, a latch for connecting and disconnecting both said members and thereby effecting the differential movement for differentiating said type carriers, a special member in said differential device adapted to perform an additional step, a zero eliminating device connected to and actuated by said differential device, means for interconnecting the zero eliminating device of one denominational order with the one of the next order, said means adapted when arrested by a connecting means of the next order to impart the additional step to the said special member during the said differential movement of the differential device.



2,109,210
WATER ICE AND DRY ICE REFRIGERATION SYSTEM
Almon J. Cordrey, Chicago, Ill., assignor to The Liquid Carbonic Corporation, Chicago, Ill., a corporation of Delaware
Application July 2, 1936, Serial No. 88,716
10 Claims. (Cl. 62—91.5)

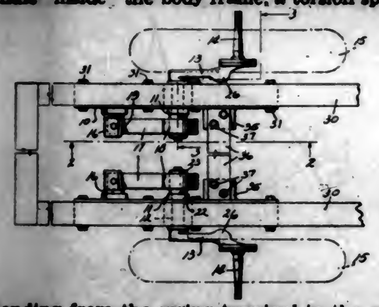


1. In combination with a vehicle having a storage space therein, a bin carried by said vehicle and adapted to hold ice therein, means for circulating air from said storage space through said bin and back to the storage space, a dry ice refrigeration apparatus in said bin and means to bring said apparatus into operation when the air in the storage space is not maintained sufficiently cool by ice in the bin.

2,109,211
TRAILER WHEEL ASSEMBLY
Max E. Dayton, Rockford, Ill., assignor to Bamax Machine Co., Inc., Rockford, Ill., a corporation of Illinois
Application July 1, 1935, Serial No. 29,253
1 Claim. (Cl. 280—106.5)

In a trailer frame and wheel construction a comparatively light body frame, oppositely posi-

tioned individually sprung wheels, spindles for the wheels having a crank-like configuration extending laterally of the trailer frame and having a short, comparatively stiff spindle frame quickly attachable to the body frame to provide a mounting for said spindles, a terminal for the spindle "inside" the body frame, a torsion spring



extending from the spring terminal to the spindle frame to receive the weight load upon the body frame, a brace pad comprising a portion of the spindle frame extended inwardly of the trailer frame and a strut extending between the brace pads whereby to resist torsional strains upon the spindle frame by reason of the external disposition of the spindle cranks.

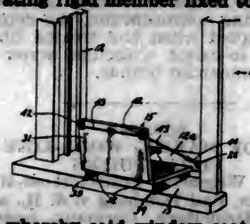
2,109,312
DIE HOLDER AND GUIDE
Bless C. Dimmick, Peoria, Ill., assignor to Keystone Steel & Wire Company, Peoria, Ill., a corporation of Illinois
Application June 18, 1936, Serial No. 85,852
5 Claims. (Cl. 205—25)



5. In rod or wire drawing, in combination, a pair of housings having coaxial openings, a reducing die removably arranged in one housing, a centering device removably arranged in the other housing, and both said die and centering device maintained in coaxial relation with each other and the openings in said housings; said housings being separated from each other with an open space therebetween, the die being removable axially of its housing and laterally through said space.

2,109,313
WINDOW SEAT
Harry Green, Bronx, N. Y., assignor of one-half to Adolph Wasserlauf, Jackson Heights, Long Island, N. Y.
Application March 23, 1935, Serial No. 12,355
7 Claims. (Cl. 264—24)

1. In combination, a window seat comprising a bottom member, a back member hinged to the rear edge of the bottom member, a member attached to the underside of said bottom member and having an inclined underedge, and means for attaching said window seat to a window frame comprising a slotted metallic member fixed to said frame and adapted to receive in the slot a cooperating rigid member fixed to said bottom



member whereby said window seat is prevented from lateral movement in a plane parallel to the plane of said bottom member while in operative position.

2,109,314
BINDING AND PIPING ATTACHMENT FOR SEWING MACHINES
Walter C. Greist and Carl G. Bashr, New Haven, Conn., assignors to The Greist Manufacturing Company, a corporation of Connecticut
Application April 9, 1936, Serial No. 73,544
1 Claim. (Cl. 112—137)



A sewing machine binding and piping attachment comprising a presser-foot having a needle-hole, a plate mounted on said presser-foot, a scroll secured to said plate and having a plurality of slots of different heights or lengths, the inner edges of the in-turned parts of the lobes of said scroll being in proximity to the inner concave face of the vertical part of said scroll, and the forward end or ends of one or both of said in-turned parts being extended forward so as to be close up to and substantially in contact with said presser-foot and near the said needle-hole, and means permitting lateral adjustment of said plate and the scroll attached thereto on said presser-foot.

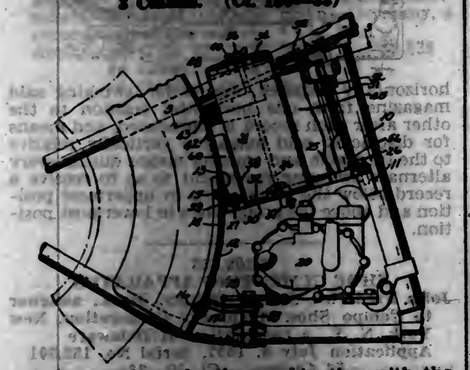
2,109,315
RADIO CARRYING ATTACHMENT FOR BICYCLES AND MOTORCYCLES
William S. Harley, Milwaukee, Wis., assignor to Harley-Davidson Motor Co., Milwaukee, Wis., a corporation of Wisconsin
Application April 30, 1936, Serial No. 77,160
2 Claims. (Cl. 224—32)



1. A rugged protective and radio carrying attachment for a motorcycle comprising the combination with a motorcycle rear wheel and axle

and connected frame stays, of a set of runner shoes having their rear ends connected with each other and also supported from the axle at the respective sides of the wheel, said runner shoes having rear portions extending laterally and side portions extending forwardly along the sides of the wheel above the axle, with convergent front end portions connected to the frame stays, cage members connected with said shoes, and mountings connected with the cage members and positioned to support radio equipment between the shoes and the wheel.

2,109,316
OIL TANK AND BATTERY ASSEMBLY
William S. Harley, Milwaukee, Wis., assignor to Harley Davidson Motor Company, Milwaukee, Wis., a corporation of Wisconsin
Application May 16, 1936, Serial No. 80,036
3 Claims. (Cl. 180—33)



1. In a motorcycle, the combination with the saddle post tube, upper rear frame fork and mud guard, of a battery supporting shelf intermediately connecting said tube and mud guard in bracing relation thereto and in a position to support a battery with its top portion extending between and above the arms of said frame fork, said shelf having an upwardly projecting battery retaining cross wall secured to the mud guard at each end, and an oil tank extending around the battery with its ends secured to the cross wall to form a battery receiving socket.

2,109,317
WATER FLOW DETECTOR AND ALARM MEANS
Clarence C. Johnson, New York, N. Y., assignor to American District Telegraph Company, Jersey City, N. J., a corporation of New Jersey
Application June 23, 1933, Serial No. 677,262
6 Claims. (Cl. 169—23)



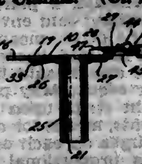
1. In combination, an attachment for the fluid pressure line of a sprinkler system comprising a casing having an attaching portion, said casing having therein a surge passage which extends through said portion for communication with the interior of the line; means forming a by-pass around a part of the passage, said by-pass having therein a seat and there being a threaded opening associated with said seat; removable by-pass constricting means having an apertured head engaged on said seat, a threaded plug engaged with the threads of said opening, and a compressed spring disposed between said plug and said head whereby to urge the latter against its seat.

2,109,318
MINIATURE MENDING KIT
Malvin Lichter, New Rochelle, N. Y., assignor to The Stickless Corporation, New York, N. Y., a corporation of New York
Application June 18, 1935, Serial No. 27,166
13 Claims. (Cl. 206—64)



1. In the manufacture of mending kits, the method which includes simultaneously winding a plurality of differently colored threads at spaced points near one end of a long strip of cardboard or like support to form a first set of threads, intermittently relatively moving the threads and the strip longitudinally of the strip by a substantial amount in order to wind succeeding sets of the threads on said strip, the distance of said movement exceeding the space occupied by the first set of threads, and slitting the strip between each of the sets of threads.

2,109,319
SWITCH
Edward J. Mastney, Berwyn, Ill., assignor to Oak Manufacturing Company, Chicago, Ill., a corporation of Illinois
Application August 18, 1937, Serial No. 159,635
12 Claims. (Cl. 200—11)

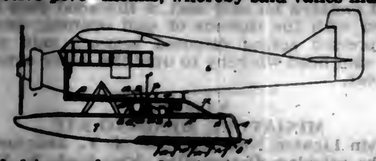


1. A switch comprising a base plate having a shaft portion mounted thereon and carrying a plurality of stator contacts arcuately disposed with respect to said shaft and having an arcuate slot between said contacts and shaft portion, a circular sleeve rotatably disposed around said shaft on the side of the plate remote from said contacts, and a spring rotor carried by said sleeve threaded through said slot and cooperating with said contacts.

2,109,320
HYDROAEROPLANE
Frank C. Scheerbucher, Milwaukee, Wis.
Application March 18, 1935, Serial No. 11,630
7 Claims. (Cl. 244—112)

2. The combination with a pontoon having a series of transversely extending pivot means be-

neath its stern end, of a series of vanes fulcrumed on said means beneath the pontoon, each vane being longer than the spacing of said means in a series and projecting forwardly from its respective pivot means, whereby said vanes may be

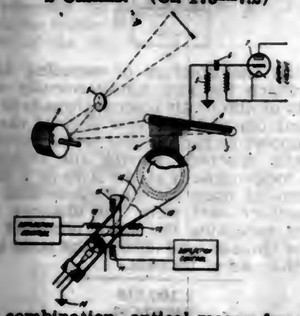


folded to overlap each other with their free ends projecting forwardly from their respective pivot means, each of said vanes being convexly bowed in a direction to present their concave surfaces uppermost when thus overlapped.

2,109,321
TELEVISION

Fritz Schröter, Berlin, Germany, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a corporation of Germany

Application January 5, 1935, Serial No. 500
In Germany December 12, 1933
2 Claims. (Cl. 178—7.2)



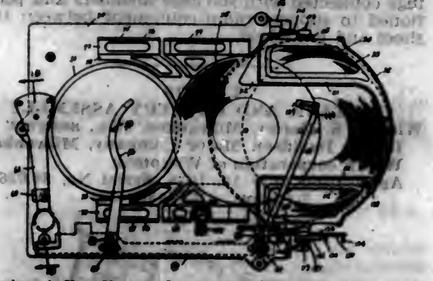
1. In combination, optical means for scanning an object by elemental linear strips, an evacuated envelope having means included therein for developing an electron beam, said envelope having positioned therein in register a plurality of discrete conducting elements, a plurality of light sensitive elements without said envelope and insulated each from the other, means for electrically joining each of the said discrete conducting elements to at least one of said light sensitive elements, means for sequentially projecting the elemental linear light strips upon the aforesaid light sensitive elements, means for developing individual electric charges on each of the discrete conducting elements proportional to the light intensity impinging on the light sensitive element to which it is electrically joined, means for storing said individually developed charges, means for circularly directing the electron beam sequentially across the conducting elements for discharging said stored charges, and a load circuit connected to said discharging means.

2,109,322
AUTOMATIC RECORD CHANGING PHONOGRAPH

Thomas W. Small, Fort Wayne, Ind., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill., a corporation

Application March 13, 1936, Serial No. 68,673
22 Claims. (Cl. 274—10)

14. In an automatic phonograph, a horizontal turntable, a record magazine for containing a group of records to be reproduced on said turntable, means for pivotally supporting said magazine to one side of the turntable so as to permit it to swing from one horizontal position to another with the sides thereof alternately uppermost, means for transferring records laterally from the magazine to the turntable and from the turntable to the magazine when said magazine is

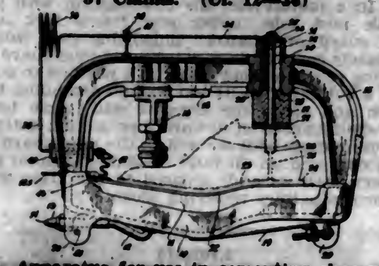


horizontally disposed, means for swinging said magazine from one horizontal position to the other after each record is reproduced, and means for displacing said magazine vertically relative to the turntable and transfer means during every alternate swinging movement so as to receive a record below the group when in uppermost position and above the group when in lowermost position.

2,109,323
SHOE CEMENTING APPARATUS

John Frederick Smith, Quincy, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y., a corporation of Delaware

Application July 8, 1937, Serial No. 152,501
57 Claims. (Cl. 12—36)



1. Apparatus for use in cementing shoe parts together, comprising a shoe press having a work engaging face which is yieldable and capable of applying pressure to work held thereagainst, a condenser electrode on the face, abutment means to hold work against the face, a second metallic condenser electrode associated with said abutment means whereby shoe parts to be cemented together may be held between said electrodes, and electrical conducting means connected between said electrodes including a coupling coil mounted on said press for cooperation with a coupling coil in a high frequency oscillator circuit mounted near a shoe press carrier.

2,109,324
SHOE

John Thomas Tebbutt, Three Rivers, Quebec, Canada

Application February 11, 1936, Serial No. 63,390
10 Claims. (Cl. 36—8.5)

1. A shoe comprising an outsole, an insole having circulatory openings, a medicated interim sole forming an insert between the outsole and insole, and a troughed stiffener introduced with-

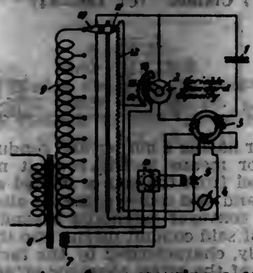


in the shank of the shoe and constituting a distributing passage for the vapors from said interim sole.

2,109,325
SYSTEM FOR MEASURING A COMPONENT OF AN ALTERNATING CURRENT OR AN ALTERNATING VOLTAGE

Wilhelm Thal, Berlin-Charlottenstadt, Germany, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany

Application July 20, 1934, Serial No. 735,239
In Germany August 3, 1933
9 Claims. (Cl. 175—183)



1. In a system for measuring a component of an alternating current, a source of alternating current comprising means for varying the voltage of said source, a two-branch circuit connected with said source, one of said branches forming a test circuit of the current to be measured, the other of said branches forming a reference circuit, a differential transformer having two primary windings arranged to counteract each other and a common secondary winding, each of said primary windings being series connected in one of said two-branch circuits, means for balancing the magnitude of the current flowing in said reference circuit with the magnitude of the current flowing in said test circuit and for adjusting a given phase of the reference current, a measuring instrument connected in the circuit of said secondary winding, means in said secondary circuit for referring the indication of said measuring instrument to a given phase of said reference current, and means for varying the sensitiveness of said measuring instrument, said means being operatively connected with the aforesaid means for varying the voltage of said alternating current source in order to decrease the sensitiveness of said instrument with increasing voltage of said current source.

2,109,326
STEAM-ELECTRIC PRESSING IRON

Agatino Tricomi and Edward B. Tricomi, Brooklyn, N. Y.

Application April 27, 1936, Serial No. 76,566
1 Claim. (Cl. 38—77)

In combination with a steam pressing iron having a body, a heating element in said body, a chamber in said body in thermal conductivity with said heating element, a water reservoir supported by said iron, a pump for forcing water from said reservoir to said chamber whereby steam may be generated when said iron is heated, said chamber having an outlet pipe, passages connecting said outlet pipe to the bottom of the iron to allow steam to pass to the work, and a member for actuating said pump nor-



mally in one position but shiftable to another position, valve means for closing said outlet to build up steam pressure in said chamber, and a valve actuating element attached to said valve means and selectively engageable or not with said pump actuating member in its shifted position whereby said valve means or, said valve means and said pump, together, may be selectively actuated by a single operation.

2,109,327
BRAKE-RELINING MACHINE

Harry B. Barrett, St. Louis, Mo., assignor to H. B. Barrett Company, Ltd., Los Angeles, Calif., a corporation of Nevada

Application October 14, 1936, Serial No. 105,474
10 Claims. (Cl. 29—26)



1. In a brake-relining machine, combined grinding and drilling means comprising a motor, a shaft rotatable with the motor, an abrading wheel mounted for rotation on the shaft, gear means operatively mounted on the shaft forwardly of the abrading wheel, and a drilling tool operably connected for rotation to the gear means, said abrading wheel and said drilling tool all being disposed substantially within a unitary housing, having a catch-bag communicatingly mounted thereon for receiving the combined waste products, dust, and chips resulting from grinding and drilling operations.

2,109,328
TAPE BINDING AND PACKAGE CLOSING MACHINE

John William Capstick, Verdun, Quebec, Canada

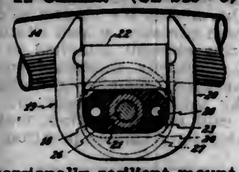
Application August 21, 1936, Serial No. 96,756
3 Claims. (Cl. 91—14.5)

1. In a tape binding and package closing machine, an extended frame forming a tape pas-

sageway and supporting a water reservoir, a moistener suspended from said frame and flexibly connected with said reservoir, and means to bring said moistener into contact with the tape against spring pressure.



2,109,229
ENGINE MOUNT
Ralph D. Carleton, Snyder, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation, a corporation of New York
Application April 12, 1934, Serial No. 720,192
Renewed November 20, 1937
11 Claims. (Cl. 248—5)



1. In a torsionally resilient mount for an aircraft engine including a mounting ring, a plurality of circumferentially spaced lugs thereon, each said lug comprising a U-shaped member having parallel elements thereof parallel to the ring axis, the legs of the U being attached to the ring to define an elongated opening bounded by the interior surface of the U member and by a portion of the ring, a resilient block closely fitting in said elongated opening, and means parallel with said ring axis passing through said block and bearing on both sides of said lug for holding the engine against movement in any direction except circumferential movement on said ring, said circumferential movement being limited by the bearing of said means against said resilient block.

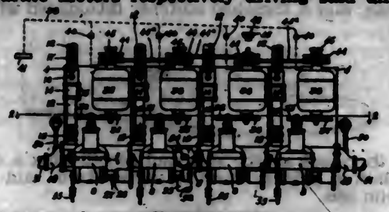
2,109,230
SIGN
Bates Compton, Vincentown, N. J.
Application June 22, 1937, Serial No. 149,688
5 Claims. (Cl. 40—152)



1. A sign or the like, comprising a frame formed with a groove in one face thereof, a display member formed of a sheet of flexible material extending over the frame and projecting into the groove, and means including a clip fitted over the frame on top of the flexible member and engaging in the groove for releasably holding the display member in position.

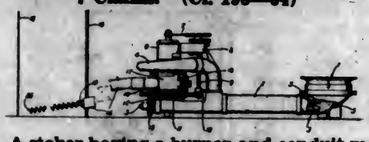
2,109,231
PROPORTIONING DEVICE
Mead Cornell, Cleveland, Ohio, assignor to The Cornell Machine Company, Cleveland, Ohio, a corporation of Ohio
Application January 13, 1937, Serial No. 120,253
14 Claims. (Cl. 137—164)

1. In a proportioning device, the combination of a plurality of separate pumping units arranged to discharge into a common outfall manifold, separate motors respectively driving said units,



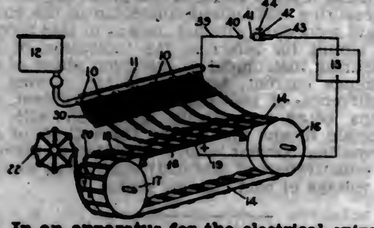
and means for coupling any two or more of said pumping units to maintain synchronized the speed of operation thereof.

2,109,232
STOKER
John F. Fisher, Manheim, Pa., assignor to Henry M. Brooks, New York, N. Y., William Tudor Gardiner, Boston, Mass., and Jacob H. Nissley, Manheim, Pa., as trustees
Application July 2, 1936, Serial No. 88,709
7 Claims. (Cl. 198—64)



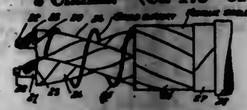
1. A stoker having a burner and conduit means and conveyor means in the conduit means to transport fuel from the source of fuel supply to the burner, and said conveyor means also including a screw conveyor extending beyond the entrance end of said conduit means into the source of fuel supply, characterized by the fact that at least a part of the screw conveyor extension beyond the conduit end is flexible at a plurality of places along its length, so that the end of the extension remote from the conduit end can move bodily with respect to the portion of the conveyor means that is within the conduit.

2,109,233
ARTIFICIAL FIBER CONSTRUCTION
Anton Fernbach, Mainz, Germany, assignor of forty-five one-hundredths to Richard Schreiber-Gastell, Mainz, Germany
Application August 15, 1936, Serial No. 96,225
In Germany March 4, 1936
9 Claims. (Cl. 18—8)



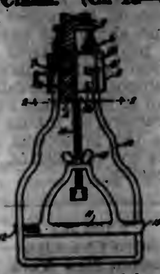
5. In an apparatus for the electrical spinning of fibers, a spinning nozzle, a fiber collecting device, means for creating a high electrical potential between said nozzle and said device, and means connected in series with said means for creating said high electrical potential for periodically reducing said potential at substantially regular intervals of such periodicity as to control the length of said fibers.

2,109,234
COMMUNICATION CABLE COMPRISING ONE OR MORE SCREENED CORE GROUPS
Heinrich Kadow, Berlin-Siemensstadt, Paul Thomas, Berlin-Wilmersdorf, and Hans Wassmannsdorff, Berlin-Spandau, Germany, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a corporation of Germany
Application July 17, 1935, Serial No. 31,780
In Germany July 17, 1934
3 Claims. (Cl. 173—31)



1. In a long distance communication cable for low and high frequencies, having at least one group of cores twisted together about a common axis, a screen surrounding said group, said screen consisting of a plurality of good conducting strand elements laid side by side helically around said group and following individually the direction of the cores in said group.

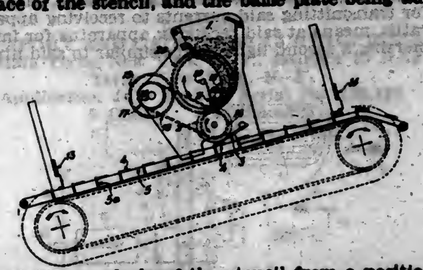
2,109,235
MOP HOLDER
Simeon C. Lawler, Chicago, Ill., assignor to Eva E. Beery, Chicago, Ill.
Application October 6, 1934, Serial No. 747,144
1 Claim. (Cl. 15—153)



In a mop holder, a wood handle, a metal cap thereon having grooves on either side thereof terminating in openings therethrough, a wire frame having its ends turned inward registering with said openings and lying partly within said slots, a stud inserted in the end of said cap and supporting a clamp which cooperates with said frame to hold a mop fabric, and a sleeve having grooves registering with ends of the wire frame lying in the slots and slidable back and forth on the handle to hold the wires in the slots or permit removal therefrom.

2,109,236
MACHINE FOR DEPOSITING CREAM, CHOCOLATE, OR THE LIKE ON BISCUITS
Leonard Marsden, Newton-le-Willows, England
Application July 1, 1936, Serial No. 88,422
In Great Britain July 10, 1935
6 Claims. (Cl. 107—27)

1. A depositing machine comprising a container having two side walls, a transverse wall and a baffle plate, a hollow rotary cylindrical stencil passing from the container between the transverse wall and the baffle plate, a carrier roller co-operating with the cylindrical stencil at the point of emergence from the container, the transverse wall being shaped to a feather edge to fill the bight between the osculating members and being stepped on its inner side so as to wipe the outer face of the stencil, and the baffle plate being adjustable angularly of the stencil from a position just above the feather edge of such transverse wall to positions away from it to vary the thickness of the deposit.



2,109,237
AMORPHOUS SILICA DRILLING FLUID
Owen Mayfield, Houston, Tex., assignor to Corona Products, Inc., Rogers, Ark., a corporation of Arkansas
No Drawing. Application September 9, 1935, Serial No. 39,919
2 Claims. (Cl. 255—1)

1. A drilling fluid comprising approximately 99% of amorphous silica divided finely to pass through a 325 mesh screen, and about 1% of clay of a soft friable nature and free from all sands and grit, said drilling fluid having an absorption capacity of about 50% of water.

2,109,238
FLAT HAIR CURLER
Harry Nathiel, Bronx, N. Y., assignor to Henry Engelke, New York, N. Y.
Application October 6, 1936, Serial No. 104,238
2 Claims. (Cl. 132—41)

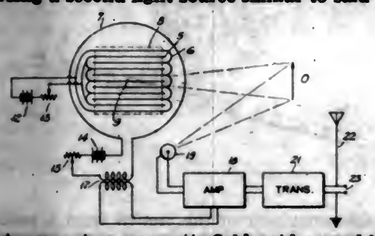


1. A hair curler comprising a flat strip of sheet material, having a slot extending inward from one end substantially to the opposite end, forming two legs of flat material positioned in the same plane and lying edge to edge, and joined together at one end forming the head of said curler, said head having recesses in the opposite sides beyond the end of the slot, and an opening therethrough also beyond the end of the slot, and the opposite end of said curler, into which the said slot extends, shaped with outwardly sloping surfaces forming the inner edges of the ends of said legs.

2,109,239
VARIABLE SPEED TELEVISION
Alexander McLean Nicolson, New York, N. Y., assignor to Communication Patents, Inc., New York, N. Y., a corporation of Delaware
Application February 8, 1934, Serial No. 710,289
7 Claims. (Cl. 178—6.8)

1. In a television transmission system, the combination of means for producing a primary light source having a constant intensity at all times, said light source comprising an ionized path, means for immersing said light source in a

magnetic field for moving said source, means for projecting the light from said source to an object to be scanned, means for translating the light from said object into electrical currents, means for transmitting said currents to receiving apparatus, means at said receiving apparatus for immersing a second light source similar to said first



light source in a magnetic field, said second light source having a constant intensity at all times, and means for impressing said received currents on said immersing means for varying the speed of said light source in accordance with the light and shade densities of said object being scanned by the transmitter.

2,109,240

NEW CATALYSTS

Julius A. Nieuwland and Frank J. Sowa, Notre Dame, Ind., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a corporation of Delaware

No Drawing. Application October 11, 1934, Serial No. 747,892

16 Claims. (Cl. 23—152)

1. Dihydroxyfluoboric acid having a boiling point of 159° to 160° C. and a specific gravity of 1.657 at 25° C.

2,109,241

ELECTRIC LIGHTING APPARATUS

Carl Rebl, Brooklyn, N. Y.

Application January 23, 1936, Serial No. 60,429

1 Claim. (Cl. 173—337)



A convertible socket for tubular bulbs and the like comprising an annular member formed of insulating material, a plug cooperable to project into and releasably engage the inner surface of the annular member, said plug being formed with a chamber on one side, a first contact element mounted on a spring in the chamber and adapted to engage the end of a tubular light bulb, a second contact element electrically connected to the first contact element and rigidly mounted on the side of the plug opposite the chamber so as to be exposed through the annular member when the plug is positioned therein, and a third contact element disposed between the inside of the annular member and the outer surface of the plug, said plug and annular member being formed so that the third contact element is accessible to a prong projected between the annular member and plug from the side opposite the chamber in the plug, and said second contact element being adapted to engage the end of a tubular light bulb or in cooperation with the third contact element to engage and support an adapter.

2,109,242

PRINTING ATTACHMENT FOR PENCILS

Carl Rebl, Brooklyn, N. Y.

Application July 17, 1937, Serial No. 154,248

2 Claims. (Cl. 101—103)



1. In a device of the class described, in combination, a casing open at its upper end, a printing device within the casing, a flexible band carrying printing characters, a support for said band spanning the opening at one end of the casing, the upper surface of the support being in the same plane as the edge of the opening, means for moving said flexible band to position the characters thereon on the upper surface of the support in a plane above the edge of the opening, and means projecting from the casing at opposite diametrical points to move said flexible band about the support, a removable cap for covering the open end of the casing and the projecting printing characters, an inking pad within the cap for engaging the projecting printing characters, and means for connecting the cap to the open end of the casing.

2,109,243

SUSPENDERS

Hymin Reiter, New York, N. Y.

Application May 6, 1937, Serial No. 141,126

2 Claims. (Cl. 241—20)



1. A four-swing suspender, comprising shoulder straps having their front ends provided with trouser engaging elements, a pair of back straps having their lower ends provided with trouser engaging elements, elongated flexible sheet material means extending transversely of said straps and having a pair of widely spaced top openings and

a pair of closely spaced bottom openings, flexible sheet material elements looped through said openings and respectively secured to the upper and back ends of said back and shoulder straps, whereby said back straps are closely spaced for convenient attachment of the trouser engaging elements to the back of the trousers and said shoulder straps are widely spaced for extending over one's shoulders, said widely spaced top openings being formed in adjacent lapel portions having their adjacent edges extending away from each other and forming a junction point at the bottom thereof, and means for drawing said edges together to different distances for changing the spacing of said openings.

2,109,244

GROUND JOINT PIPE COUPLING

Henry L. Selger, Newton, N. J.

Application May 28, 1937, Serial No. 145,180

3 Claims. (Cl. 285—120)



1. In a pipe coupling comprising male and female members having mating conical faces, one of said members having an annular shoulder thereon, the other of said members having threads thereon, and a coupling nut having a flanged portion and a threaded portion to engage said annular shoulder and threads, respectively, for drawing and holding said members together, means comprising axially projecting lugs on the female member, and cooperating recesses in the male member, the lugs on said female member being disposed radially outward of the conical face of said male member, said cooperating recesses being in the conical face of said male member, and said lugs being shorter than the threaded portion of said coupling nut.

2,109,245

ORNAMENTAL ADJUSTABLE SHOULDER STRAP

Herman Silverman, New York, N. Y.

Application July 21, 1936, Serial No. 91,651

5 Claims. (Cl. 241—12)



1. An ornamental adjustable shoulder strap comprising an adjustable shoulder strap including a looped strap portion having its end attached upon a buckle slidable on said strap, an annular element passing through said loop, an anchorage strap formed with apertures and also passing through said annular element but extending in the opposite direction, an ornament associated with said anchorage strap, and an endless band passing through said apertures in said anchorage strap and having said ornament mounted thereon so that the position of said ornament may be changed with relation to the annular element.

2,109,246

SUPPORT AND GAUGE FOR CURTAIN RODS

Natale Terzo, New York, N. Y., assignor to John Terzo, New York, N. Y.

Application July 8, 1937, Serial No. 152,499

5 Claims. (Cl. 156—22)



3. In a support and gauge for curtain rods, a base plate, a clamp plate hingedly and slightly slidably mounted on one edge of said base plate, fastening elements for attaching said base plate on a window frame or the like and having heads engaging bayonet slots in said clamp plate for holding said clamp plate against hinging in its lowered position, a curtain rod support engaging in a groove formed between said plates, and an element on said rod engaging one branch of a slot with a plurality of branches formed in said clamp plate for supporting said rod in an elevated position, said hinged and slidable connection comprising tubular portions turned in from the edges of the base plate and clamp plate and superimposed and slightly spaced from each other, pintles engaging through said tubular portions, and expansion springs coaxial upon said pintles and disposed between said tubular portions, said fastening elements comprising headed screws or the like.

2,109,247

PROCESS AND APPARATUS FOR THE PRODUCTION OF SALTS

Herman Albert Beekhuis, Jr., Syracuse, N. Y., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y., a corporation of New York

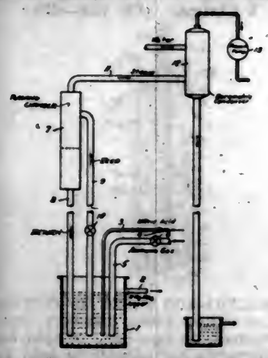
Application June 13, 1931, Serial No. 544,112

20 Claims. (Cl. 23—103)

1. The process for the production of a reaction product which is normally a solid from components, at least one of which is readily volatilized and which undergo an exothermic reaction resulting in the formation of said product, which comprises introducing said components into a pool of liquid comprising a solution of the reaction product, and causing the components to react in said pool, thereby generating heat, maintaining said pool under a pressure above the vapor pressure of the solution, transferring a portion of said solution to a zone in which a pressure below the vapor pressure of the solution is maintained to thereby evaporate solvent from said solution, whereby the solution thus subjected to evaporation is cooled, and returning the thus cooled and concentrated solution to said pool whereby said pool is cooled and volatilization of said components therein is minimized.

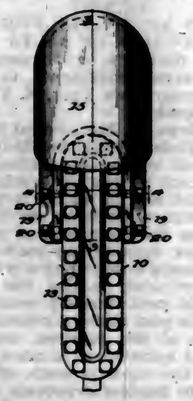
16. The process for the production of a solution containing ammonium nitrate by reaction

of ammonia with an aqueous solution containing nitric acid while utilizing the heat of reaction of the ammonia and acid to evaporate water introduced with said solution of nitric acid, which comprises continuously cycling an aqueous liquor containing ammonium nitrate dissolved therein through a plurality of stages, in one of said stages reacting ammonia and nitric acid in said aqueous liquor to form ammonium nitrate



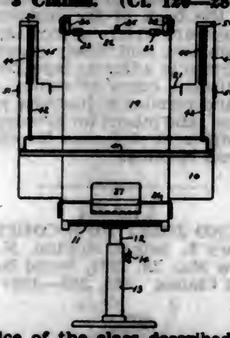
under a pressure at which boiling of the liquor at the temperature to which it is heated by the heat of reaction liberated therein is prevented, and in a subsequent stage subjecting the thus heated liquor to a pressure sufficiently below the pressure in the first stage to cause the liquor to boil and water to be evaporated therefrom by said heat of reaction and returning to the first mentioned stage aqueous liquor cooled by said evaporation of water.

2,109,348
ILLUMINATED BOILER WATER LEVEL GAUGE
Alva G. Blanchard, Shreveport, La.
Application August 3, 1936, Serial No. 94,679
1 Claim. (Cl. 73—293)



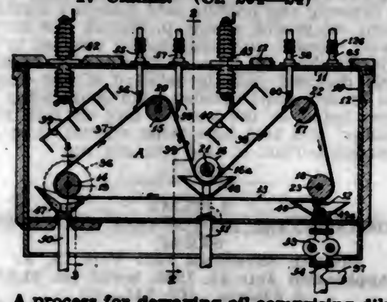
The combination of a gauge casing, a reflector and a source of light carried within and partially concealed by the reflector, said reflector having a bifurcated extension, the arms of said bifurcated portion slidably engaging the opposite side surfaces of said gauge casing, and means releasably locking said arms on said casing.

2,109,349
STENOGRAPHER'S NOTEBOOK AND COPY HOLDER
Charles C. Clifford, Maplewood, N. J.
Application December 15, 1936, Serial No. 115,933
3 Claims. (Cl. 129—28)



1. A device of the class described comprising, a base, a receptacle adjustably mounted on said base, and sockets provided in opposite sides of said receptacle for receiving the bracket of a copy holder.

2,109,350
PROCESS AND APPARATUS FOR DEWAXING OIL
Lyle Dillon, Los Angeles, Calif., assignor to Union Oil Company of California, Los Angeles, Calif., a corporation of California
Application August 3, 1936, Serial No. 93,958
17 Claims. (Cl. 204—24)



1. A process for dewaxing oil comprising diluting waxbearing oil with a solvent, precipitating wax in the resultant solution, subjecting the mixture to an electric field, depositing the wax precipitate under the influence of the electric field in a layer upon an electrode surface and withdrawing the thus separated wax-free oil, subjecting the electrically deposited wax layer on said electrode to washing with a quantity of solvent while free from the influence of an electric field, subsequently subjecting the washed wax layer to an electric field and to further solvent wash under the influence of the electric field to remove wash solvent and occluded oil from the wax separately collecting and removing the said wash solvent and occluded oil and removing the thus treated wax from the electrode surface.

2,109,351
OIL WELL VALVE
Charley W. Fisher, Coffeyville, Kans.
Application January 8, 1937, Serial No. 119,666
7 Claims. (Cl. 166—10)

1. A valve of the character described, comprising an upper body portion, a lower body portion carrying an apertured sleeve anchored to the lower body portion and telescopically mounted



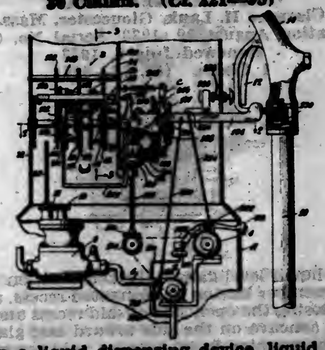
within the upper body portion, both upper and lower portions having cooperating valve seating surfaces which will seal against each other when telescoped in one direction.

2,109,352
AUTOMATIC ZEROIZER FOR DISPENSING PUMP
Charles S. Hazard, New York, N. Y., assignor to Neptune Meter Company, a corporation of New Jersey
Application June 2, 1936, Serial No. 83,029
17 Claims. (Cl. 221—95)



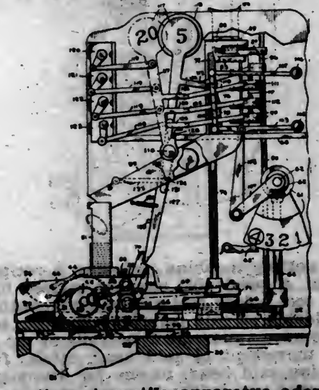
1. In a liquid dispensing device, the combination of a meter, an indicator movable away from an initial position in proportion to the quantity of liquid dispensed, means for actuating the indicator in response to operation of the meter, means for resetting the indicator to said initial position, means for alternately operating the indicator actuating means and the resetting means and means actuated upon movement of the indicator to initial position for rendering the resetting means inoperative and the indicator actuating means operative.

2,109,353
AUTOMATIC ZEROIZING DEVICE FOR DISPENSING PUMPS
Charles S. Hazard, New York, N. Y., assignor to Neptune Meter Company, a corporation of New Jersey
Application June 2, 1936, Serial No. 83,030
20 Claims. (Cl. 221—95)



1. In a liquid dispensing device, liquid metering means, means for delivering liquid to said metering means, an indicator controlled by said metering means and movable away from an initial position in proportion to the amount of liquid dispensed, means for resetting said indicator to said initial position during operation of said liquid delivering means, automatically operating means energized independently of said metering means for actuating said resetting means and means controlled by said indicator preventing delivery of liquid from said liquid delivering means to said liquid metering means until said indicating means has been restored to said initial position.

2,109,354
TURNSTILE
William J. Kennedy, New York, N. Y.
Application October 21, 1935, Serial No. 45,848
3 Claims. (Cl. 194—63)



3. A unitary turnstile apparatus adapted for use in fare zone transportation systems, including magazine retainers for tokens of different diameters for each of the zones of the system, mechanism, operable by the passengers entering through the turnstile, for dispensing the tokens, mechanism for receiving the tokens, operable by the passengers exiting through the turnstile, to

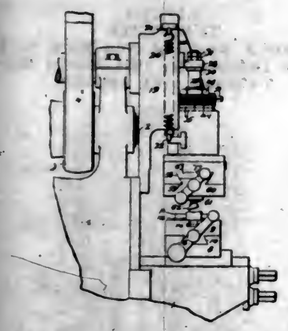
indicate the correct fare for each passenger, and means, associated with said second named mechanism, for sorting and returning the tokens to the proper magazines after use.

2,109,255
LIQUID LEVEL GAUGE
Clarence H. Lank, Gloucester, Mass.
Application August 29, 1933, Serial No. 687,280
Renewed July 8, 1937
1 Claim. (Cl. 73—327)



In a liquid level gauge, the combination with a metal member having an elongated recess, a glass plate closing the open side of said recess and a reflector, concave on the side toward said glass, removably mounted in said recess, said recess having openings for communication with the receptacle, the level in which is to be observed, said openings being separated at the rear of and at each side of said reflector.

2,109,256
SLOTTING MACHINE
Louis G. Larsen, Jersey City, N. J., assignor, by direct and mesne assignments, to Wirthsen Associates, Inc., New York, N. Y., a corporation of New York
Application March 16, 1937, Serial No. 131,114
23 Claims. (Cl. 90—44)

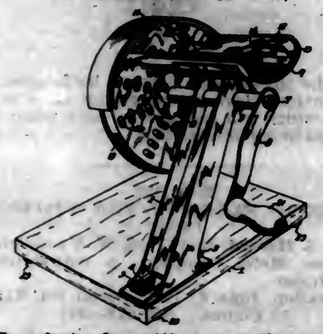


1. A slotting machine including a reciprocating head, a revolvable member carried by said head, a tool holder and means for mounting the same slidably on said revolvable member to permit it to have a movement laterally of the direction of movement of said head, means for reciprocating said head, means for automatically causing said tool holder to move laterally of the direction of movement of the head and simultaneously therewith, whereby a tool carried by said tool holder is caused to move through a piece of work in a diagonal direction, and means for revolving said revolvable member to change the radial direction of lateral reciprocation of said tool holder.

2,109,257
LUBRICATING OIL
Bert H. Lincoln, Ponca City, and Alfred Henriksen, deceased, late of Ponca City, Okla., by Ellen M. Henriksen, administratrix, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio, a corporation of Delaware
No Drawing. Application January 22, 1934, Serial No. 707,783
7 Claims. (Cl. 87—9)

1. A lubricating oil comprising in combination a hydrocarbon oil and a small amount of a halogenated, natural occurring ester, having wax-like characteristics.

2,109,258
VEGETABLE CUTTER OR GRATER
Richard Rupert, Kansas City, Mo., assignor to Foster L. Talge, Kansas City, Mo., operating as Rival Manufacturing Company
Application August 26, 1935, Serial No. 37,832
3 Claims. (Cl. 146—116)



1. In a device for cutting or grating vegetables, a standard, a shaft journaled in said standard, a cutting means secured to said shaft for rotation therewith, a trough supported on said standard with one end thereof in proximity to said cutting means, a guide flange positioned in said trough and extending longitudinally thereof, a feeding member supported on said trough and adapted to be moved therealong for pressing a vegetable into contact with said cutting means, said feeding member being formed with guide means adapted to engage said flange, said flange having its upper edge lying substantially in a plane with the edges of said trough.

2,109,259
BOX-MAKING MACHINE
George Seifert, Beverly Hills Township, Los Angeles County, Calif.
Application February 15, 1937, Serial No. 125,733
9 Claims. (Cl. 93—42)



1. In a box-making machine, a table, a pair of folding bars mounted over said table, means for feeding an unfolded box over said table and under said guide bars, a first folding means comprising

a pair of rods and means for pushing the ends of said rods against two sides of said box for folding said sides respectively upwardly against the edges of said folding bars, a second folding means comprising a pair of rods and means for pushing the ends of said rods against said upwardly folded sides of the box for folding said sides downwardly over said folding bars in position with their edges in overlapping relation, and means for securing said overlapping edges together.

2,109,260
CONVEYER APPARATUS
Frederick Shurley, Salt Lake City, Utah, assignor to Ceramic Machinery Distributors Limited, Windsor, Ontario, Canada, a company of Canada
Application December 31, 1935, Serial No. 57,016
6 Claims. (Cl. 101—40)



3. In combination, a rotary carrier having pockets to receive articles to be printed, a flat printing member movable tangentially with respect to said carrier and means for feeding articles to said carrier and means for removing said articles therefrom after the printing operation.

2,109,261
SAFETY DEVICE FOR HOMES
Yetta Spiegel, New York, N. Y.
Application May 6, 1937, Serial No. 141,125
4 Claims. (Cl. 95—11)



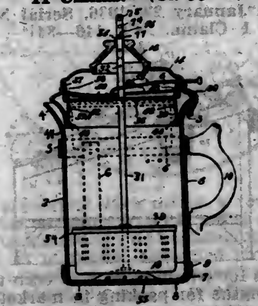
1. In combination with a passage for persons, a drop shelf for supporting a camera adapted to be trained upon said passage, an electric holding device for fixedly holding said shelf, and a chute system for conveying said camera to a place of safety upon dropping of said shelf, an electric operator for said camera and a circuit for controlling the said holding device and said electric operator, and a detector for controlling said circuit.

2,109,262
SYNCHRONIZATION INDICATING DEVICE
Paul L. Tollison, Plainfield, N. J., assignor to Weed Newspaper Machinery Corporation, New York, N. Y., a corporation of Virginia
Application January 27, 1932, Serial No. 589,233
Renewed November 4, 1935
3 Claims. (Cl. 235—103.5)



1. In a device for indicating synchronous rotation, the combination of a shaft connected to be driven by one of the two elements to be tested and an annulus adapted to be rotated by surface contact with the other of the two elements which are to be tested, a portable casing outside of which the annulus is located, said shaft entering said casing axially, a second shaft in the casing in axial alignment with the first shaft and to which the annulus is fixed, a differential mechanism in the casing connecting the two shafts, a drum carrying part of the differential and means whereby the casing can be moved to bring the annulus into contact with the exterior convex surface of one rotating element to be tested.

2,109,263
COFFEEPOT
William Erastus Williams, Los Angeles, Calif., assignor to The Parfex Company, a corporation of California
Application September 22, 1934, Serial No. 745,076
11 Claims. (Cl. 53—3)



1. In a pot of the class described, the combination with a foraminous grounds carrying basket of a foraminous and detachable closure, to permit the flow of liquor to the interior of said basket and prevent the escape of grounds therefrom, a central sleeve rigidly attached to said basket, a fountain tube adapted to pass through said sleeve and to permit said basket to slide freely thereon up and down within the pot into and out of the liquor in the pot while the said fountain tube is located in stable vertical position, a cover for the pot having mounted thereto anchoring means for supporting the said basket in an upward position, said fountain tube passing thru the said basket and thru the top of the

cover and adapted to slide up and down thru said basket and cover, against sufficient frictional resistance to support said fountain tube and manually operated means for releasing said basket from said cover.

2,109,264
ELECTRIC SPARK PLUG OR THE LIKE FOR INTERNAL COMBUSTION ENGINES
Hermann Georg Bermuemann, Zehlendorf-Klein Machnow, Germany
Application April 17, 1935, Serial No. 16,845
In Germany April 17, 1934
16 Claims. (Cl. 123—169)



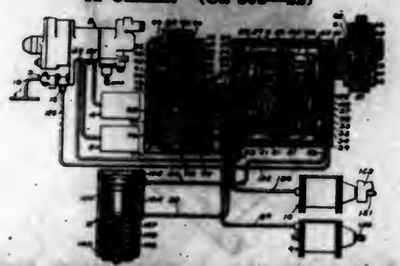
1. A spark plug, comprising in combination, a metal casing forming the outer electrode, an insulating body inserted in and projecting from the said casing to form a radiating surface and having an axial bore, a metal pin extending through said bore and forming the inner electrode, said insulating body consisting of a material having high heat conductivity, and means on the projecting end of said insulating body for adjusting the exposed area of the radiating surface.

2,109,265
CORN TRIMMING MACHINE
Clarence E. Carll and Willis G. Carll, Gorham, Maine
Application January 28, 1936, Serial No. 61,206
1 Claim. (Cl. 146—84)



Apparatus for trimming ears of corn to predetermined lengths for packing in marketing containers, comprising a supporting frame, a conveyor adapted to carry ears of corn from one end to the opposite end of said apparatus, said conveyer embodying two pulleys disposed, respectively, at the two ends of said apparatus, a central V-shape circumferential groove in the rim of each of said pulleys, an endless belt operating over said pulleys, a continuous V-shape guide strip secured to and disposed on the inner face of said endless belt, adapted to travel in said grooves and hold the belt in central, longitudinal alignment with said pulleys, two circular saws mounted on said supporting frame, disposed, respectively, adjacent the sides of said conveyor and between said pulleys, means to space said saws, relatively, at various distances whereby the ears of corn may be trimmed to various, predetermined lengths, a plurality of corn-engaging flights secured to and arranged along said endless belt, the forward faces of said flights having corn-receiving depressions set at a slightly oblique angle with respect to a right line transversely of said conveyor, and a swinging arm mounted above and between said saws having a face of opposite obliquity to that face of the flight in which is the said depression, said arm adapted to engage one side of the ear of corn while the opposite side is being held in the depression in the adjacent flight during the saw-cutting operation.

2,109,266
EMPTY AND LOAD BRAKE
Earle S. Cook, Williamsburg, and Ellis R. Hewitt, Edgewood, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a corporation of Pennsylvania
Application November 27, 1935, Serial No. 51,798
Renewed October 11, 1937
41 Claims. (Cl. 303—33)



36. In a car load brake apparatus, in combination, a brake pipe, valve means operative between two positions to condition the brake apparatus for either empty or loaded car braking, and means operative upon a predetermined increase in brake pipe pressure and independently of the operation of said valve means for holding the valve means against movement from at least one position to the other.

2,109,267
SHOCK ABSORBER
Arnold E. Deutler, Hinsdale, Ill., assignor to W. H. Miner, Inc., Chicago, Ill., a corporation of Delaware
Application July 5, 1935, Serial No. 29,823
11 Claims. (Cl. 267—9)



1. In a shock absorbing mechanism, the combination with a non-expandible friction casing having an inwardly tapered friction shell section; of a one-piece friction member telescoped within said friction shell section and movable inwardly and outwardly of the shell, said member including a tubular section closed at the inner end by a transverse wall and having a spring abutment at the outer end, said tubular section being radially contractible; and a spring resistance bearing on said abutment and opposing relative movement of the casing and friction member.

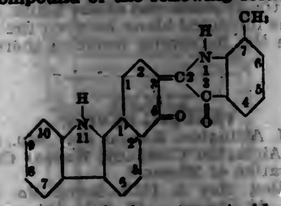
2,109,268
HIGH VOLTAGE BUSHING
Eugene D. Eby, Pittsfield, Mass., assignor to General Electric Company, a corporation of New York
Application September 15, 1936, Serial No. 100,871
3 Claims. (Cl. 173—318)



1. A liquid filled bushing including a hollow axial conductor and an expansion chamber for the liquid, said expansion chamber including a cap having a shoulder and a smooth cylindrical surface surrounding and spaced from the conductor, a ring threaded onto the conductor and sealed to the cap, an elastic seal secured to the ring between the conductor and the cylindrical surface of the cap, and a compression spring between the seal and said shoulder.

2,109,269
DYESTUFF OF THE INDIGOID TYPE
Samuel Ellingworth, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited, a corporation of Great Britain
No Drawing. Application September 11, 1935, Serial No. 40,609
1 Claim. (Cl. 260—48)

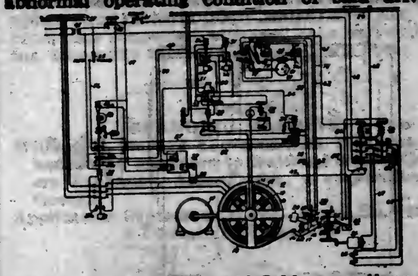
The compound of the following formula



which dyes cotton in from gray to black shades.

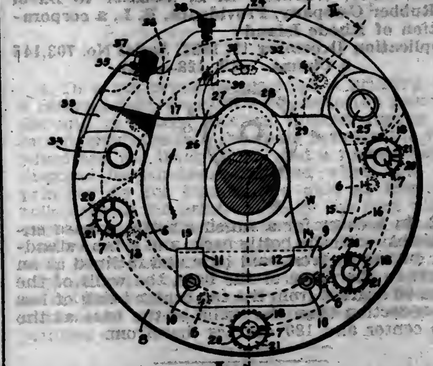
2,109,270
MOTOR CONTROL SYSTEM
Samuel Q. Ewing, Schenectady, N. Y., assignor to General Electric Company, a corporation of New York
Application April 12, 1935, Serial No. 16,192
8 Claims. (Cl. 172—239)

1. In combination, an electric driving motor having rotatable field and armature members, one of said members constituting a driving member, a brake for the other of said members, means for establishing power connections for said field and armature members, an auxiliary motor for applying said brake, and means responsive to an abnormal operating condition of said driving



motor for interrupting said field connections and controlling said auxiliary motor to release said brake and responsive to termination of said abnormal condition for re-establishing said field connections and controlling said auxiliary motor to re-apply said brake.

2,109,271
RESILIENT WORK DRIVING MEANS
William F. Greene, Cincinnati, Ohio, assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio, a corporation of Delaware
Application July 17, 1936, Serial No. 91,165
18 Claims. (Cl. 82—49)

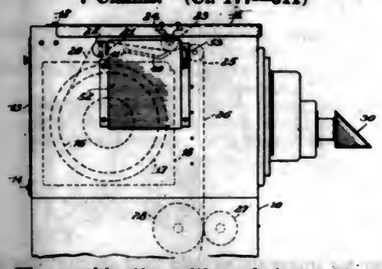


1. In a resilient work driver, a rotatable body, means for engaging a work piece, and resilient means for mounting said engaging means on said body so as to permit restricted circumferential relative movement of said engaging means and said body about the axis of rotation of the work driver.

2,109,272
DYE
James W. Hinds, Dallas, Tex., assignor of forty-nine percent to Paul J. Pond, Wichita Falls, Tex.
No Drawing. Application June 11, 1934, Serial No. 730,065
5 Claims. (Cl. 8—5)

1. In the art of preparing a dye bath the step of preparing a sulphur dye which consists of mixing substantially equal parts of dye and of pyridine whereby the dye will be dissolved in the pyridine.

2,109,373
PHOTOGRAPHIC FILM INDICATOR
Paul Landrock, Rochester, N. Y., assignor to Photostat Corporation, Providence, R. I., a corporation of Rhode Island
Application February 1, 1933, Serial No. 654,671
7 Claims. (Cl. 177—311)



1. The combination with a photographic camera having a focal plane, of a supply of unexposed sensitized spliced film having a structural variation associated with each splice, means for moving successive portions of said film into the focal plane of the camera, and indicating means operated by said structural variation for indicating the approach of a splice to said focal plane.

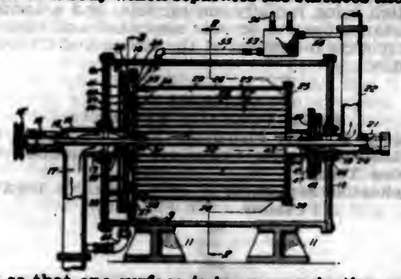
2,109,374
CLOSURE FOR NURSING BOTTLES AND THE LIKE
Jesse Little, Warwick, R. I., assignor to Davol Rubber Company, Providence, R. I., a corporation of Rhode Island
Application December 19, 1933, Serial No. 703,145
2 Claims. (Cl. 128—252)



2. In a cover for a nursing bottle, a base engageable with the bottle neck, and a tab extending outwardly from said base and inclined at an angle to the plane of the base, the walls of the base 90 degrees from the tab center being of less cross-section than the walls of the base at the tab center and 180 degrees therefrom.

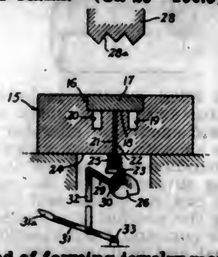
2,109,375
APPARATUS FOR EFFECTING COUNTER-CURRENT CONTACT BETWEEN FLUIDS
Walter J. Podbielniak, Chicago, Ill.
Application June 25, 1936, Serial No. 87,222
18 Claims. (Cl. 261—83)

1. In an apparatus for the counter-current contact of fluids in a zone of centrifugal force, a rotor having a spiral passageway, means for supplying a relatively heavier fluid within said rotor so that it flows outwardly through said passageway upon rotation, means for supplying a relatively lighter fluid to the outer end of said passageway under sufficient pressure so that it flows inwardly therethrough, means for discharging said lighter fluid from said rotor, means for discharging said heavier fluid from the rotor and a casing surrounding said rotor, said means for discharging said heavier fluid comprising a liquid seal means having a body of liquid therein, means forming a passageway for the flow of liquid from said body and having an extension into said body which separates the surfaces there-



of so that one surface is in communication with the interior of the rotor and the other is in communication with the exterior of the rotor.

2,109,376
METHOD OF FORMING JEWELRY MOUNTINGS OR THE LIKE
Alfred F. Reilly, North Attlebero, Mass., assignor to Evans Case Company, North Attlebero, Mass., a corporation of Massachusetts
Application November 30, 1935, Serial No. 52,337
1 Claim. (Cl. 29—160.6)



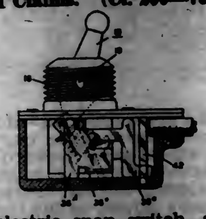
The method of forming jewelry mountings with deep indentations and elongated mounting lugs, comprising the steps of subjecting a metal blank seated in a die having a shank cavity and confined therein against lateral expansion, to repeated impacts of a plunger having a serrated cross-sectional outline, the repeated impacts being struck by the same plunger upon the blank seated in the same die, whereby the indentation produced at one end of the blank is successively deepened and a lug is formed and successively extended at the opposite end of the blank, and annealing the impacted blank between the impacts to remove the hardening resulting therefrom.

2,109,377
VENDING DEVICE
Marques J. Airington, Kansas City, Mo., assignor to The Airington Company, Kansas City, Mo., a corporation of Missouri
Application May 3, 1935, Serial No. 19,648
12 Claims. (Cl. 294—19)



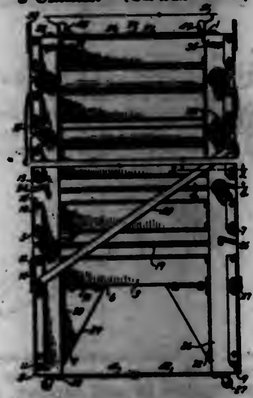
1. In a selector of the character described, a rod, a head on the rod having a stop lug, and a pair of yoke shaped hook members of differential size pivotally mounted on said head and engageable with said lug to selectively support one of said hook members in rigid relation with said head when engaged with a bottle.

2,109,378
SNAP SWITCH
Robert H. Bentley, Hartford, Conn., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn., a corporation of Connecticut
Application July 8, 1936, Serial No. 89,642
11 Claims. (Cl. 200—76)



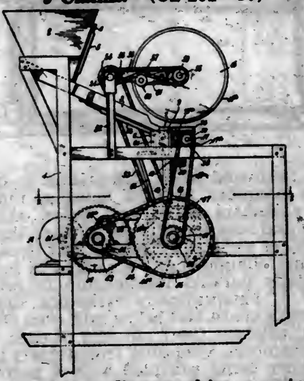
1. In an electric snap switch, an insulating base having a cavity therein for switch mechanism, a cover, an operating lever extending through said cover and having a portion extending into said cavity, a stamped sheet metal contact having a pair of parallel side plates slidable along and guided by the side walls of said cavity and connected by a saddle slidable along the bottom of said cavity, a yoke having a lug entering an aperture in said saddle for imparting movement of said yoke to said movable contact, and over-center spring means operated by said lever to move said yoke and movable contact with a snap, and a pair of stationary contacts engageable by said movable contact.

2,109,379
DISPLAY RACK
Charles M. Brown, Lincoln, Nebr.
Application January 27, 1936, Serial No. 61,016
3 Claims. (Cl. 242—55.4)



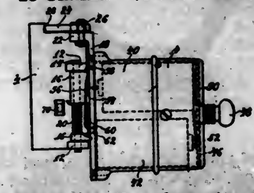
1. In a display rack, a plurality of spaced upright angle members having outwardly opening spaced slots terminating in rod supporting seats, rods having peripheral grooves at the outer ends engaged with said seats, vertically spaced horizontal plate members secured to the upright members between the slots over which rolls of merchandise may be drawn for display, angle clips for anchoring the end of the lowermost roll of merchandise carried on said rods in position to be displayed, bracing means connecting the upright members with the lowermost horizontal plate members, means in the interior of the rack for bracing the said plate members, caps at the upper ends of the upright angle members, and cross bars connected with said caps and extending diagonally thereof for bracing the rack.

2,109,380
BRANDING MACHINE
William P. Bullard and Oswell L. Williams, Albany, Ga., assignors to National Pecan Growers Exchange, Albany, Ga., a corporation of Georgia
Application September 7, 1937, Serial No. 162,786
9 Claims. (Cl. 101—37)



1. In a nut branding machine, a printing die, a resilient feed wheel located above the printing die and in spaced relation thereto, means for introducing nuts into the space between the feed wheel and the printing die, and a rocker trough disposed intermediate the feed wheel and the printing die for guiding the nuts as they are rolled across the printing die by the feed wheel, said rocker trough comprising a trough-shaped cradle having an opening in its bottom immediately above the printing die and means yieldingly supporting the cradle above the printing die but permitting depression of the cradle to allow the nuts to be pressed into engagement with the printing die.

2,109,381
AUTOMOBILE SIGNALING DEVICE
Irving Fierman, New York, N. Y.
Application January 19, 1933, Serial No. 652,554
13 Claims. (Cl. 177—329)



1. In a device of the character described, a bracket, means on said bracket for securing it to the upper edge of the glass of an automobile door, said means including a U-shaped portion having a part of the bight of the U cut away, a signaling element pivotally mounted on the outer

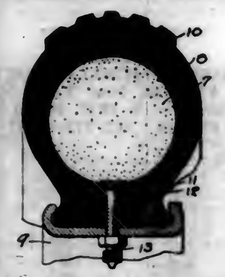
portion of said bracket, and movable to operative and inoperative positions, an operating lever pivotally connected to said signaling element for operating the same, said operating lever extending through the cut away portion of the bight, the thickness of the material of the bight being at least as great as the thickness of said operating lever.

2,109,382
OVEN
William H. Frick, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo., a corporation of New Jersey
Application March 10, 1937, Serial No. 130,205
13 Claims. (Cl. 126—273)



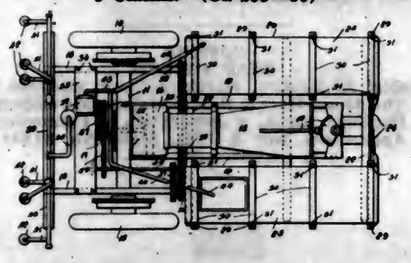
1. An improved oven, comprising a housing, an oven chamber in said housing, individual burner chambers above and below said oven chamber and substantially coextensive therewith, a plurality of vertically disposed partitions within said burner chambers and arranged in separated substantially parallel relationship to provide a plurality of longitudinally extending individual passageways above and below said oven chamber, a burner adjacent the front end of each of said burner chambers extending transversely thereof, each burner being provided with a plurality of burner orifices arranged in separated relationship throughout the length of the burner, a burner orifice being in alignment with one of the aforementioned passageways, a fuel supply for the burners, a door for the oven chamber, and flue outlet means for each of said burner chambers.

2,109,383
TIRE
Jose Gallardo, Santa Tecla, El Salvador
Application March 17, 1936, Serial No. 69,372
2 Claims. (Cl. 152—13)



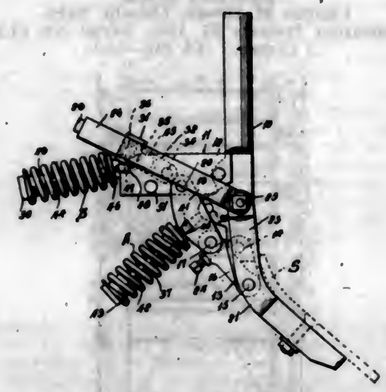
1. A tire of the character described comprising an outer shoe adapted to be mounted upon the rim of a vehicle wheel, an inner tube for said shoe having an air valve associated therewith, said inner tube being filled with hard, fine sea sand, and a powdered absorbent material intermixed therewith and combined with air under pressure.

2,109,384
SPRAYING ATTACHMENT FOR TRACTORS
Charles A. Gallupe, Mars Hill, Maine
Application June 25, 1937, Serial No. 150,402
3 Claims. (Cl. 299—30)



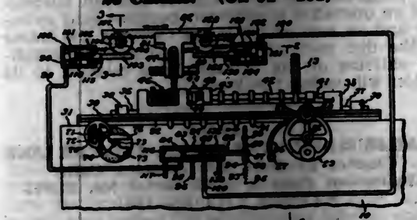
1. A spraying apparatus adapted to be attached to a tractor, wherein the tractor embodies rear traction wheels and a forward power plant, a frame structure adapted to be secured to the tractor in overlying relation thereto, two communicating tanks carried by the frame structure respectively at opposite sides of the power plant of the tractor and forwardly of the traction wheels, the frame structure extending rearwardly of the traction wheels, a pump supported on the rearwardly extending frame portion, means forming communication between the pump and tanks, spray devices rearwardly of the pump and in communication therewith and operative connections between the pump and power plant.

2,109,385
AUTOMATIC CULTIVATOR FOOT FOR TRACTORS
Mett L. Garrison and Alfred C. Garrison, England, Ark.
Application February 25, 1937, Serial No. 127,754
4 Claims. (Cl. 97—184)



1. A device of the class described having a support, a plurality of parts in articulate relation pivoted at extremities to said support, a sweep-mounting shank pivoted to one of the parts in spaced relation to the support, spring means associated with said parts and adapted to be compressed through displacement of the shank, a strap means engaged with the shank above the axis of the latter, and spring means adapted to be compressed through the movement of the strap means.

2,109,386
CAM GRINDING APPARATUS
Clarence J. Green, Worcester, Mass., assignor to Norton Company, Worcester, Mass., a corporation of Massachusetts
Continuation of application Serial Nos. 60,477 and 60,478, January 23, 1936. This application November 17, 1937, Serial No. 175,109
23 Claims. (Cl. 51—101)

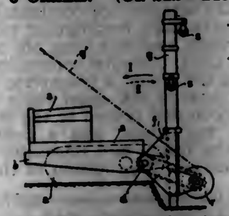


1. A cam grinding machine having a longitudinally movable table, means to traverse said table, a rotatable master camshaft, a cam follower movable longitudinally relative to said shaft, means for shifting said follower comprising a fluid pressure piston and cylinder, and means to control the admission of fluid to said cylinder.

2,109,387
TIN ALLOY
Daniel Hanson, Hasaler, Alcester, and William Thomas Pell-Walpole, Tipton, England, assignors to John Campbell, Kensington, England
No Drawing. Application July 10, 1936, Serial No. 89,998. In Great Britain February 9, 1935
2 Claims. (Cl. 148—13)

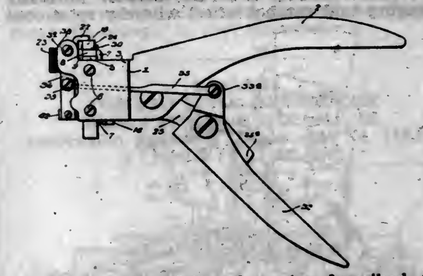
1. A method of producing a tin alloy which consists in adding to the tin an amount of cadmium in excess of 1 per cent. and not exceeding 15 per cent. and heating the alloy to a temperature exceeding 130° C. but less than the temperature at which the alloy begins to melt, and cooling rapidly, as by quenching or cooling in air.

2,109,388
LAND VEHICLE EQUIPPED WITH LOAD-SHIFTING DEVICES
Julius Heller, Vienna, Austria, assignor to The Cleveland Tractor Company, Cleveland, Ohio
Application July 16, 1935, Serial No. 31,664
In Austria July 24, 1934
6 Claims. (Cl. 212—145)



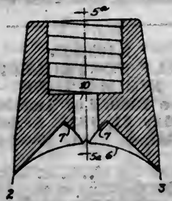
1. In combination, a crawler type tractor including spaced apart endless ground engaging tracks, a chassis frame connected to said tractor, rearwardly extending side frames horizontally pivoted to opposite sides of said chassis frame at its rear end, a mast carried centrally between said rearwardly extending side frames, and suitable lifting equipment mounted on said mast and between the ends of said side frames, said mast being adapted to contact with the ground when said frames are swung downwardly about their pivots.

2,109,389
REPRICER
George W. Henry, Jr., Philadelphia, Pa., assignor to Seabar Company, Philadelphia, Pa., a corporation of Pennsylvania
Application February 21, 1936, Serial No. 65,157
6 Claims. (Cl. 101—297)



1. In a device of the character described, the combination with a support structure comprising a platen, of a type carrier mounted in said structure for reciprocation with respect to said platen, an inking member mounted in said structure for movement transversely to the path of said type carrier and arranged to engage the type face when said carrier is in a retracted position with respect to the platen, a lever for advancing the carrier toward the platen, and a second lever for first displacing the inking member from the path of the carrier and subsequently actuating the first lever to advance the carrier toward the platen.

2,109,390
DRILL BIT
Martin Hokanson, Duluth, Minn., assignor to Eidco, Inc., Duluth, Minn., a corporation of Minnesota
Application June 13, 1935, Serial No. 26,418
10 Claims. (Cl. 255—64)

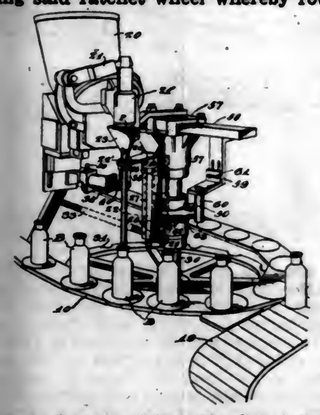


1. A drill bit of the type described having a concave cutting face consisting of a plurality of equally shaped cutting edges, said concavity being formed by the intersection of a spherical surface and cones with axes parallel with the axis of the bit.

2,109,391
APPARATUS FOR SURFACE TREATING GLASS CONTAINERS
Albert G. Lauck and Julius M. Johnson, Alton, Ill., assignors to Owens-Illinois Glass Company, a corporation of Ohio
Application July 29, 1936, Serial No. 93,240
2 Claims. (Cl. 49—14)

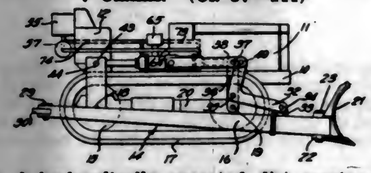
1. The combination with a conveyor for transferring bottles from a forming machine to an

annealing leer including a horizontal moving platform on which the bottles are received in spaced single file relationship, and a vertical shaft upon which one of the conveyor wheels is mounted, of a ratchet wheel mounted on said shaft for rotation in unison therewith, a radial support pivoted to said shaft for swinging movement in either direction in a horizontal plane, a stationary abutment, means normally urging said support into engagement with said abutment, a reverse acting pawl pivoted to said support and including a thrust member normally engaging said ratchet wheel whereby rotational



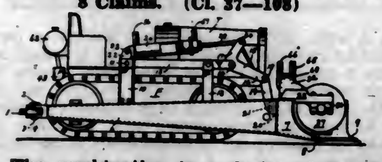
movement of said ratchet wheel is transmitted to said support in the same direction, a cam member formed on said pawl, an abutment positioned in the path of movement of said cam member and adapted upon contact therewith to withdraw said thrust member from said ratchet wheel, a feed pipe carried by said support, the lower end of said feed pipe being adapted to successively register with the filling openings of said bottles on the platform during rotational movement of said support in the direction mentioned, and means synchronized with the movement of the conveyor for periodically delivering a small quantity of a solid to said feed pipe.

2,109,392
HYDRAULICALLY CONTROLLED DIRT MOVING MACHINE
Charles Le Bleu, Los Angeles, Calif.
Application May 21, 1935, Serial No. 22,529
7 Claims. (Cl. 37—144)



1. A hydraulically operated dirt moving machine comprising a tractor, separate track laying units at opposite sides thereof, a dirt moving member disposed transversely of the front of the tractor, a frame member articulately connecting the dirt moving member with the tractor for raising, lowering, and tilting movement, vertical links pivotally connected with said track laying units at their lower ends, operating levers pivotally mounted on said links of the separate track laying units and connected at their forward ends to said frame, a rigid upright carried by each of said track laying units, a piston rod extending longitudinally of each track laying unit and pivotally connected to the upright at the rear thereof and to the upper end of one of said vertical links, a piston carried on the piston rod at a point intermediate its ends, a cylinder mounted on each of said pistons for longitudinal reciprocating motion with relation thereto, and an operative connection between said cylinder and an arm of the levers carrying the frame of the dirt moving member whereby longitudinal shifting of the cylinder with relation to its piston will swing the lever.

2,109,393
TRAILBUILDER, BULLDOZER, AND THE LIKE
Charles Le Bleu, Los Angeles, Calif.
Application June 4, 1935, Serial No. 24,963
8 Claims. (Cl. 37—108)



1. The combination in a device of the character disclosed; a tractor; a pair of spaced apart side frames carrying at one end an earth scraping element; said element being provided with a forwardly projecting side cutter and open at its other end for passage of material, means for swingingly connecting said side frames to said tractor; means for swinging said side frames to raise and lower said earth scraping element, and means mounted on the device and operable to cause earth to be discharged upon the ground outside the path of the line of travel to the side of the device.

2,109,394
ROTARY SCRAPER
Harry M. Livingston, Rainier, Wash.
Application April 11, 1936, Serial No. 73,948
4 Claims. (Cl. 37—140)

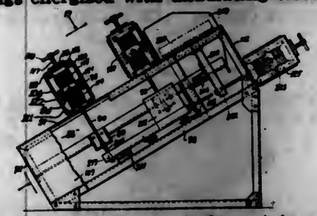


1. In a rotary scraper, the combination with a frame; a substantially rectangular scoop closed on its end, bottom, and rear sides but open on its top and front sides; trunnion connection between the frame and the scoop; a transverse bridge secured to the center of the upper edges of the end sides of the scoop and braced to the bottom and rear sides of the scoop; and a control beam mounted on the frame and releasably engaging the bridge, whereby the rotation of the scoop is prevented.

2,109,395
MECHANICAL MOVEMENT APPLICABLE TO MATERIAL SCREENING APPARATUS
George E. Markley, Cleveland Heights, Ohio
Application November 25, 1933, Serial No. 699,691
43 Claims. (Cl. 209—326)

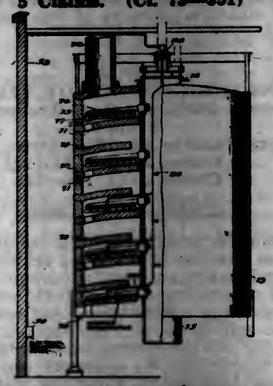
27. In a vibratory apparatus, a supporting frame, a load element supported on the frame

to move in a plurality of directions, means comprising a plurality of electro-magnets having movable portions arranged to transmit their movements to the load element and having windings energized with undulating electric cur-



rents for moving the load element in said plurality of directions with pulsating movements in time spaced relation to cause a portion of the load element to move in a closed path of movement, and means for neutralizing kinetic energy of the moving load element.

2,109,396
THERMOCOUPLE SYSTEM
William K. McCoy, Pittsburgh, Pa., assignor to Gulf Oil Corporation, Pittsburgh, Pa., a corporation of Pennsylvania
Application June 3, 1937, Serial No. 146,292
5 Claims. (Cl. 72—351)



2. A thermocouple system for measuring temperatures at a plurality of points in a rotary apparatus, said system comprising a set of thermocouples mounted on the rotary apparatus, a stationary registering instrument, a plurality of conducting rings mounted in a fixed relation to the rotary apparatus and electrically connected to the thermocouples, a plurality of stationary contact elements engaging the rings and in electrical connection with the registering instrument, stationary means for mounting the contact elements and an enclosing housing for said rings, contact elements and mounting means and a body of oil contained in the housing and surrounding the contact elements and rings.

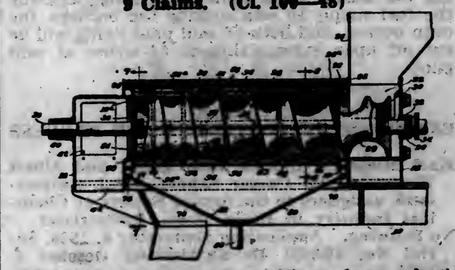
2,109,397
CLOSURE FOR COLLAPSIBLE TUBES AND CONTAINERS
Frank McLaughlin, Toronto, Ontario, Canada, assignor, by mesne assignments, to Douglas Henderson, Toronto, Ontario, Canada
Application June 13, 1935, Serial No. 26,445
4 Claims. (Cl. 221—69)

1. A collapsible tube or container having a neck portion provided with a central opening in the top thereof; an annular shoulder formed at the lower end of said neck having an upwardly directed annular recess; a valve for said central opening; an annular plunger movable in the neck



portion above the annular shoulder; spaced legs connecting said valve and plunger; an annular flange on said plunger extending into the recess; and a spring in said recess normally tending to move the plunger to seat the valve.

2,109,398
TOMATO JUICE EXTRACTOR
Willard C. McNitt, Winnetka, Ill.
Application August 7, 1934, Serial No. 738,834
9 Claims. (Cl. 100—48)

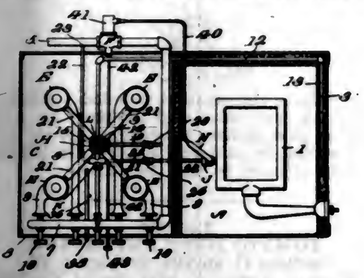


7. A juice extractor comprising a base, a horizontal housing positioned thereon, a pair of bearing members forming the end portions of said housing, a spiral screw member axially mounted in said housing, a cylindrical screen mounted in said housing enclosing said screw member and means in the form of a protruding annulus associated with said screw member providing a constant size opening with said screen whereby the pressure to which material passing through is subjected is regulated, and means associated with the screw for regulating the speed with which material passes through said machine.

2,109,399
LIGHTER ARRANGEMENT FOR GAS RANGES
Benjamin Edward Meacham and Edward M. Meacham, Lorain, Ohio, assignors to American Stove Company, St. Louis, Mo., a corporation of New Jersey
Application April 14, 1936, Serial No. 74,383
4 Claims. (Cl. 158—115)

1. In combination with a stove, a plurality of cooking top burners, an oven burner, a cooking top pilot burner provided with means to ignite fuel flowing from any one of the cooking top burners, a fuel supply pipe leading to all of said burners including said pilot light burner, means including an oven pilot light burner positioned to ignite fuel flowing from the oven burner, a second fuel supply pipe leading to said pilot light burner, thermostatic valve means in the first mentioned fuel supply pipe and responsive to the heat of said oven pilot light burner, said valve means controlling the flow of fuel to said cooking top and oven burners and said cooking top pilot light burner and being operable to permit fuel flow only as long as said oven pilot light burner is burning and to close all said fuel flow upon failure of said oven pilot light burner, thermostatic valve means in the second fuel supply pipe

leading to said oven burner pilot light and responsive to the heat of the cooking top burner pilot light and operable to permit fuel flow to the oven burner pilot light only when said cook-



ing top burner pilot light is burning, whereby the fuel supply to said cooking top burners, the oven burner, and both of said pilot lights will be cut off upon extinguishment of either of said pilots.

2,109,400

ESTERS OF TESTOSTERONE AND PROCESS OF MAKING SAME

Karl Miescher, Riehen, near Basel, and Albert Wettstein and Caesar Scholz, Basel, Switzerland, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland

No Drawing. Application September 8, 1936, Serial No. 99,856. In Switzerland October 5, 1935

16 Claims. (Cl. 260—106)

1. The 3 - keto-cyclopentanopolyhydrophenanthrenes containing in 17-position the group



wherein R is a member of the group consisting of hydrogen and a lower aliphatic hydrocarbon radical, and Ac stands for an unsubstituted monocarboxylic acid radical containing more than two carbon atoms.

2,109,401

AMINOALKYL-SULPHONIC ACIDS AND PROCESS OF PREPARING THEM

Otto Nicodemus and Walter Schmidt, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y., a corporation of Delaware

No Drawing. Application October 23, 1935, Serial No. 46,440. In Germany October 26, 1934

4 Claims. (Cl. 260—127)

4. The process of preparing aminoalkyl-sulphonic acids which comprises heating alkali metal salts of dialkylether-disulphonic acids with nitrogen-containing bases which have at least one replaceable hydrogen atom attached to the nitrogen atom selected from the group consisting of compounds of the general formula



wherein R_1 stands for a member of the group consisting of H, alkyl, aralkyl and aryl and R_2 stands for a member of the group consisting of H, OH, NH_2, NH-alkyl, NH-aryl, alkyl, aralkyl and aryl.

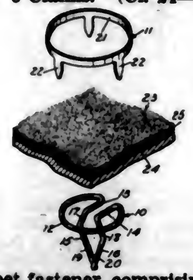
2,109,402

CARPET FASTENER

Bion C. Place, Detroit, Mich., assignor of one-half to George E. Gagnier, Detroit, Mich.

Application May 12, 1934, Serial No. 725,365

6 Claims. (Cl. 24—213)



1. A carpet fastener, comprising in its entirety, first, a snap fastener stud part consisting of a flat head and a resilient shank including only two legs arranged to pass each other like the arms of scissors, said legs presenting edge surfaces that diverge adjacent the head and then converge, and second, a stud securing part comprising a ring of a substantially greater diameter than the diameter of said head, said ring having a plurality of tongues formed to penetrate the body of the carpet and embrace portions of the head of said stud part.

2,109,403

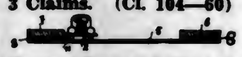
MEANS FOR GUIDING TOY VEHICLES

Louis Roussy, Paris, and René Trubert, Viroflay, France

Application January 22, 1936, Serial No. 60,300

In France January 24, 1935

3 Claims. (Cl. 104—60)



1. Means for guiding and for supplying current to an electrically propelled vehicle comprising in combination an electrical conducting track, electrical conducting curbs on both edges of said track, insulating means interposed between said track and said curbs, and an electrical conducting bumper for contacting said curbs mounted on said vehicle and in electrical connection to one pole of the electric propelling motor of said vehicle and also in operating connection with the steering mechanism of said vehicle, means for electrically connecting the other pole of said electric propelling motor with said electrical conducting track, a second electrical conducting bumper so mounted on said vehicle as to guide all similar vehicles coming in contact therewith to one side of said vehicle, electrical conducting strips mounted on the side of said vehicle, said second bumper and said conducting strips being in electrical connection with said first bumper in order to impart electrical current to one pole of the propulsion means of said passing similar vehicle which has been guided away from one of said curbs by said second bumper.

2,109,404

PAD HOLDER

Vernon B. Trevellyan, Chicago, Ill., assignor to Cleanser Products, Inc., Chicago, Ill., a corporation of Illinois

Application July 13, 1936, Serial No. 90,352

1 Claim. (Cl. 15—143)

A pad holder formed of spring metal and having two substantially parallel arms between which

a pad may be held by the initial spring action of the arms, the metal between the arms forming a base integral with the arms and upon which the



holder may stand when not in use, and also providing a sump for catching drip from a pad held between the arms of the holder.

2,109,405

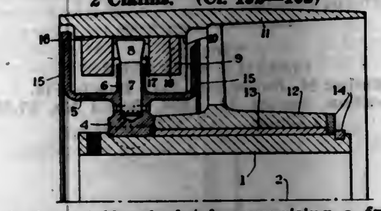
FRICTION CLUTCH

Karl Johan Wersäll, Alsten, Sweden

Application August 4, 1937, Serial No. 157,428

In Sweden December 31, 1934

2 Claims. (Cl. 192—105)



1. A centrifugal clutch comprising a friction track, a driving member, studs carried by said driving member, shoes adapted to be driven by said studs and to engage frictionally with said track under centrifugal action, each of said shoes having an elongated recess for the reception of a stud and a contact surface for driving engagement by the stud, said contact surface being so inclined to the radial center line of the shoe that a line perpendicular to and passing through the center of said surface intersects said radial center line at a point adjacent to but beyond said friction track.

2,109,406

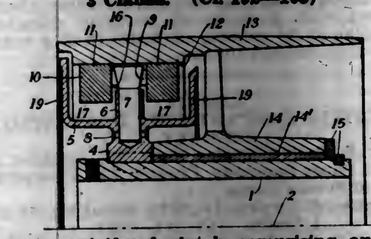
FRICTION CLUTCH

Karl Johan Wersäll, Alsten, Sweden

Application August 4, 1937, Serial No. 157,429

In Sweden December 28, 1934

3 Claims. (Cl. 192—105)



1. A centrifugal clutch comprising an outer friction track member, an inner driving drum, studs located within and carried by said driving member to engage with and drive exchangeable friction shoes which are adapted to engage drivingly with said track under centrifugal action and which are laterally turnable about said studs, a radially projecting peripheral rib on said driving drum to support said studs, and a stop on each shoe adapted to engage with said rib to limit the radial movement of said shoes independently of the degree to which the shoes extend radially inwards beyond the periphery of the rib, said driving drum having accommodation on either side of said rib for depending shoe portions of various sizes.

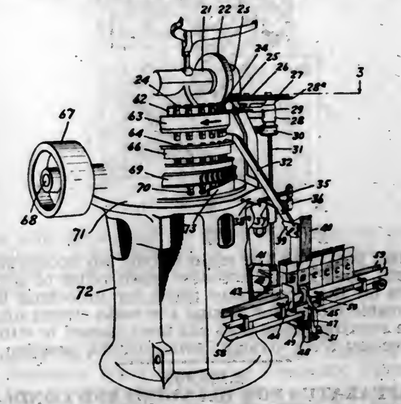
2,109,407

TABLET PACKAGING MACHINE

Charles J. Westin, Philadelphia, Pa., assignor to F. J. Stokes Machine Company, Philadelphia, Pa., a corporation of Pennsylvania

Application February 27, 1936, Serial No. 65,952

9 Claims. (Cl. 107—4)



1. In a tablet-packaging machine, a rotary head having a plurality of mold-cavities therein and bearing a plurality of punches co-operating with said mold-cavities for the compression of numbers of tablets, a take-off co-operating with said head to receive tablets on said head and convey them to a sloping chute which conducts the tablets to a funnel, a belt conveyor for conveying a plurality of containers beneath said funnel to receive tablets therefrom, a stop mounted adjacent said conveyor for stopping said containers so that one of them is aligned with said funnel, a clamp for clamping said aligned containers beneath said funnel, an index finger having a portion movable adjacent said chute so as to interrupt the passage of tablets along said chute, a cam-shaft having cams thereon for actuating said stop and said clamp and said index-finger, a pivotally mounted housing, and a star wheel mounted on said housing to mesh with said punches and to drive said cam-shaft.

2,109,408

VEHICLE DIRECTION SIGNAL

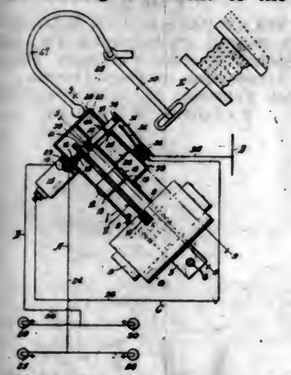
Sidney Fenner Adam, St. Louis, Mo., assignor of one-third to Robert Gordon Adam and one-third to Florence Smith Adam, both of St. Louis, Mo.

Application January 12, 1937, Serial No. 120,208

6 Claims. (Cl. 177—339)

1. In a vehicle direction signal, in combination, a vehicle including a steering wheel post, a main circuit, a left hand turn signal operating circuit, a right hand turn signal operating circuit, a turn indicating lamp on the vehicle in each turn signal operating circuit, a rotatably driven member peripherally contacting the steering wheel post and directly responsive to turning movements of the steering wheel post in either direction, a protuberance on the rotatably driven member, movable means actuated by the protuberance on said rotatably driven member for opening the main circuit when the steering wheel post is in straight away driving position only,

means for locking the movable means to hold the main circuit open, a switch member responsive to movement of the rotatably driven member to connect the turn signal operating circuit indicative of the turning movement of the steering



wheel post with the main circuit, an accelerator pedal, and means actuated upon relief of pressure on the accelerator pedal for unlocking the movable means for closing the main circuit after the steering wheel post has been turned in either direction from straight away driving position.

2,109,409
APPARATUS FOR BLENDING AND CONDITIONING TOBACCO

Hermann S. Bogaty, Philadelphia, Pa., assignor to Procter & Schwartz, Incorporated, Philadelphia, Pa., a corporation of Pennsylvania

Application August 3, 1933, Serial No. 683,529
5 Claims. (Cl. 131—55)

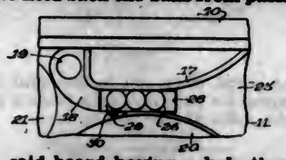
1. A tobacco-conditioning apparatus comprising a relatively long primary compartment and a relatively short secondary compartment through which the material passes successively, means for supporting the material in transit in a compacted moisture pervious mass horizontally disposed over substantially the entire width of the compartments, means for initially supplying a conditioning medium to the primary compartment under pressure below said mass for a single passage upwardly through the material under its own pressure to an exhaust space therein, means affording communication between the exhaust space of the primary compartment and the under-mass portion of the secondary compartment, and means for circulating the conditioning medium in the secondary compartment through the material therein to draw the single passage conditioning medium into the secondary compartment from the exhaust space of the primary compartment.

2,109,410
GAME

Herbert G. Breitenstein, Chicago, Ill., assignor to Raymond T. Moloney, Chicago, Ill.

Original application September 27, 1934, Serial No. 745,745, now Patent No. 2,068,258, dated July 27, 1937. Divided and this application March 24, 1937, Serial No. 132,790
10 Claims. (Cl. 273—121)

4. A game comprising a board inclined from the horizontal and having an inclined passage formed thereon, means for projecting balls over the board, said balls adapted to enter the passage, a bell crank switch mounted for horizontal turning movement above the board and adjacent the passage to hold back the balls from passing there-



through, said board having a hole therethrough adapted to permit a subsequently projected ball to fall therethrough, and a device under the board actuated by the ball dropping through said hole, said device having connections for moving the switch to allow a ball to pass the switch to roll through the passage.

2,109,411
LIPSTICK SPREADER

Esther M. Buttschau, Vero Beach, Fla.

Application August 21, 1936, Serial No. 97,259
1 Claim. (Cl. 132—78.5)



A device of the character set forth comprising a casing having a chamber, a holder received in the chamber and having a slot, a follower slidable in said holder, a finger piece formed on said follower and extending through the slot, a spreader mounted in said holder and having one end secured in the follower, and including a body provided with a series of partially detached wafer-like parts capable of being readily separated when needed for use.

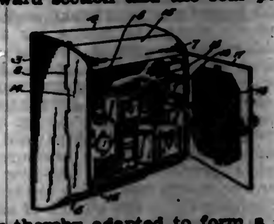
2,109,412
MULTIPLE COMPARTMENT DISPENSING CABINET

Wesley S. Corbin, Ridley Park, Pa., assignor to Scott Paper Company, Chester, Pa., a corporation of Pennsylvania

Application December 14, 1935, Serial No. 54,496
1 Claim. (Cl. 312—153)

A unitary combined towel dispensing and utility cabinet comprising a rear casing section having a back panel and upper, side and bottom walls extending forwardly from the respective edges of said panel to provide a compartment with an open front, said rear section being adapted for reception of a towel pack and said bottom wall having an aperture through which said towels may be individually withdrawn from the cabinet, a forward casing section hinged to the front edge of one of the side walls of said rear section comprising a rear panel of a size to close the open

front of said rear section and provided with a smooth, continuous rear surface, and upper, side and bottom walls extending forwardly from said rear panel and forming continuations of the upper, side and bottom walls of said rear section, said forward section and the rear panel there-

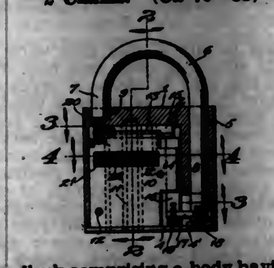


of being thereby adapted to form a closure for the front of said rear section and presenting an uninterrupted smooth surface on the rear of the front compartment, and a door hinged to the forward edge of a wall of said forward section, the hinge for the door being on a wall opposite the hinge between the forward and rear sections.

2,109,413
PADLOCK

James A. Cox, Santa Fe, N. Mex.

Application March 1, 1937, Serial No. 128,537
2 Claims. (Cl. 70—38)



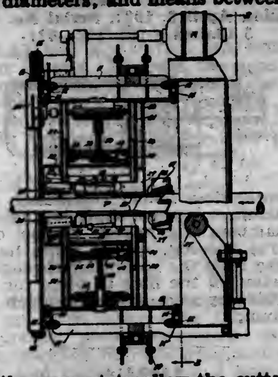
1. A padlock comprising a body having a chamber and a passage communicating with said chamber and opening outwardly through a face of the body, said body having a recess, a shackle including leg portions, with one of said leg portions entering the chamber by way of said passage and the other leg portion adapted to be moved into and out of the recess by sliding and rotating said shackle, a member slidable in the chamber, means connecting said member to the shackle, spring means acting on said shackle and member, a support in said chamber and having a key passage to receive a key, a locking bolt slidable in said chamber to engage said member for securing the shackle in a locked position and having a key opening, a spring acting on said locking bolt, and tumblers carried by said support and connected with the locking bolt.

2,109,414
CUTTER FOR POLE SHAPING MACHINES

August M. Deiters, Atlanta, and Elam R. Gillon, East Point, Ga., assignors to Southern Wood Preserving Company, Atlanta, Ga., a corporation of Georgia

Application January 11, 1937, Serial No. 120,104
13 Claims. (Cl. 142—54)

1. In a pole trimming machine having a rotatable casing mounted for universal and floating movement and means to guide a pole longitudinally through the machine imparting movement to the casing in response to sweeps and irregularities in the pole, a rotatable cutter having a support mounted for slidable radial adjustment within the casing and connected to rotate bodily therewith around the pole; positively operated means for adjusting the cutter to trim poles of different diameters; and means between the cut-

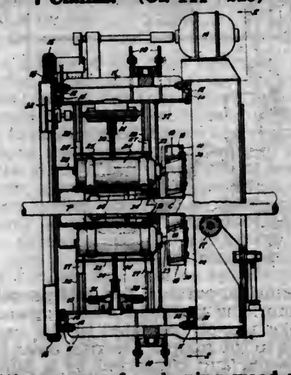


ter and the support to allow the cutter to move radially independently of its adjustment as it engages high and low places on the surface of the pole.

2,109,415
POLE SHAPING CUTTER

August M. Deiters, Atlanta, Ga., assignor to Southern Wood Preserving Company, Atlanta, Ga., a corporation of Georgia

Application January 11, 1937, Serial No. 120,105
7 Claims. (Cl. 144—218)



3. Cutting means for shaping wood poles and the like comprising, in combination, a rotatable cutter head carrying cutter blades and adapted to rotate bodily relative to the pole while the pole moves relatively longitudinally of and parallel with the axis of the head; and eccentrically and angularly arranged saw segments associated with the cutter head to produce a kerf around the pole and sever the wood fibres ahead of the blades.

2,109,416
ROSIN FOR VIOLIN BOWS, ETC.

Emanuel Dziemczyk, Breslau-Goldschmieden, Germany

No Drawing. Application April 8, 1937, Serial No. 135,817. In Germany March 12, 1936
2 Claims. (Cl. 106—7.5)

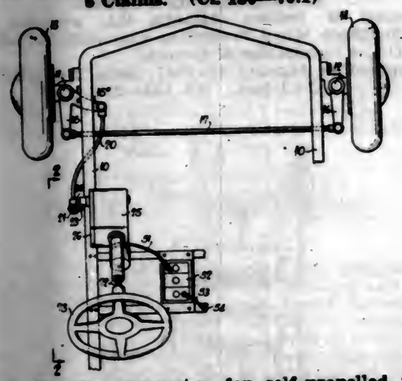
1. Rosin for violin bows or the like, comprising a compact unitary mass composed of individual mutually adhering particles of powdered colophony.

2,109,417
DENTAL FLOSS HOLDER
Catherine Belling Elcan, Hot Springs National Park, Ark.
Application April 3, 1937, Serial No. 134,892
5 Claims. (Cl. 132—92)



1. A dental floss holder comprising a casing having chambers, a spool shaft journaled in one of the chambers and having a spool of dental floss secured thereon, spaced tubes having the floss passing from the spool therethrough to present a portion of the floss in place for use, and means carried by said casing on which the floss may be wound.

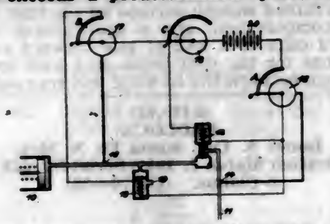
2,109,418
POWER STEERING APPARATUS FOR VEHICLES
William W. Fuller, Norfolk, Va., assignor to Hermoine Fuller, Norfolk, Va.
Application March 6, 1937, Serial No. 129,424
6 Claims. (Cl. 180—79.1)



1. Steering apparatus for self-propelled vehicles comprising manual steering means, a casing, a yoke slidably mounted in the casing and responsive to the manual steering means, a shaft in said casing and connected by a plurality of links to the wheels of the vehicle for steering the same, an arm on said shaft, a pivotal connection between the yoke and the arm, a member mounted on the steering means and movable into engagement with the yoke to steer the vehicle, and means in the casing controlled by the manual steering means for counter-acting the resistance offered by the wheels of the vehicle when the member is moved into contact with said yoke to steer said wheels.

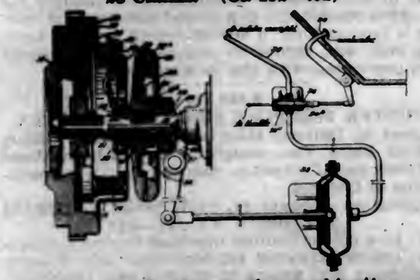
2,109,419
ELECTRICALLY ACTUATED DEVICE FOR INCREASING THE BRAKING ACTION
Hans Gallusser, Geneva, Switzerland
Application April 22, 1937, Serial No. 138,469
In Germany March 30, 1937
9 Claims. (Cl. 303—21)

1. In a compressed air braking system for vehicles adapted to apply greater braking action at higher speeds of the vehicle, a source of compressed air, a brake motor, an air supply pipe connecting said compressed air source with the brake motor, a normally open valve in said pipe between the air source and brake motor, a second valve, normally closed, connected to said pipe between said source and said brake motor and to the atmosphere, electrical means for actuating each of said valves, electrical circuits in which said electrical valve actuating means are connected, a source of electricity connected in said circuits, a pressure responsive device connected to said air supply pipe and having an electrical contact device connected in both of said circuits, to close said circuits when the pressure in said pipe reaches a predetermined pressure, vehicle speed responsive means having an electrical contact device connected in the circuit of said first-mentioned valve to open said circuit when the speed exceeds a predetermined speed, whereby



the actuating means of said first valve is controlled by its circuit to close said pipe when the pressure in the pipe is above a predetermined pressure while the vehicle speed is below a predetermined speed, a second pressure responsive device connected to said supply pipe between the first valve and said brake motor, said second pressure responsive device having an electrical contact device connected in the circuit of said second valve actuating means to close the second circuit when the pressure in said pipe between the first valve and the brake motor exceeds a predetermined pressure which is greater than the circuit closing pressure of the first-mentioned pressure responsive device, whereby said second valve is opened and allows discharge of air from said pipe and motor to atmosphere when the pressure in said pipe exceeds a predetermined pressure while the speed is below a predetermined speed.

2,109,420
CLUTCH CONTROL APPARATUS
Charles O. Guernsey, Yeadon, Pa.
Application July 16, 1932, Serial No. 622,948
23 Claims. (Cl. 192—.01)



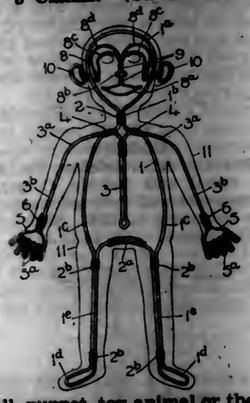
1. In a clutch control, the combination with a clutch including driving and driven elements, and means to engage said elements at a predetermined speed of the driving element, of means responsive to variations in the speed of one of the elements for controlling the rate of engagement of the elements by said engaging means.

2,109,421
MOLDING OF CONCRETE PIPES AND THE LIKE
Charles Cyril Halkyard, Melbourne, Australia, assignor to Hume Pipe Company (Australia) Limited, Melbourne, Australia
Application May 26, 1934, Serial No. 727,817
In Australia June 15, 1933
2 Claims. (Cl. 25—30)



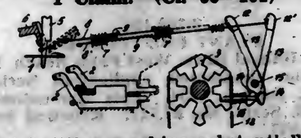
2. A device of the character described, comprising a rotary mold, a supporting frame, means on said frame for supporting and rotating said mold about a horizontal axis to centrifugally apply a concrete mixture to the interior thereof, a rotary pressing and leveling member extending longitudinally through said mold, a support for said member positioned at each end of the mold, each support comprising a seat for rotatably accommodating the end portions of said member and provided with an open side for the introduction and removal of said member, and means for adjustably securing said supports to said frame.

2,109,422
DEFORMABLE FIGURE EMPLOYABLE FOR PRODUCTION OF ANIMATED CARTOON FILMS
Wilfrid Henry Haughton, Carshalton Beeches, England
Application October 17, 1936, Serial No. 106,238
In Great Britain November 2, 1935
3 Claims. (Cl. 46—156)



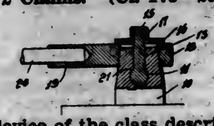
1. A doll, puppet, toy animal or the like for use in producing an animated cartoon film, comprising a skeleton foundation of soft wire or the like for the body and limbs, other soft wire or the like for the foundation of facial features of the head, a suitable padding for the skeleton foundation and a covering shaped to the desired form of the device to be constructed and enclosing the whole, whereby in addition to adjustment of the body and limbs, changes in facial expression can be manually obtained.

2,109,423
FLAT RIB KNITTING MACHINE
Woldemar Heinitz, Chemnitz, Germany, assignor to Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Germany
Application December 10, 1935, Serial No. 53,811
In Germany December 10, 1934
1 Claim. (Cl. 66—101)



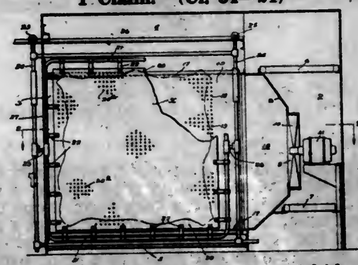
A flat knitting machine substantially for the purpose set forth, comprising frame needles, a general presser, press instruments, wrap guides and a horizontally movable Jacquard roller acting upon said press instruments and upon said wrap guides.

2,109,424
BATTERY TERMINAL AND POST
Harry A. Hess, Elcho, Wis., assignor of one-half to Ernest Foss, Elcho, Wis.
Application April 10, 1936, Serial No. 73,782
2 Claims. (Cl. 173—259)



2. In a device of the class described, a battery post having a recess formed therein and opening at the top and side thereof and provided with an enlarged base, an insert formed to fit said recess and to be mounted therein and provided with an enlarged base engaging the base of the recess to prevent vertical movement of the insert when in position, a cable socket mounted on said post, said insert having one edge in engagement with said socket to prevent lateral movement of the insert, a threaded member projecting from the top of said insert, and a nut engaging said threaded member and bearing against said socket to hold it on said post.

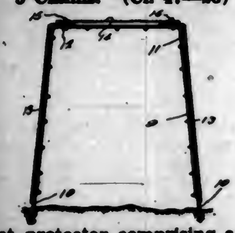
2,109,425
PROCESS OF DRYING LEATHER AND SIMILARLY TAUTLY STRETCHED UNITS
Alpheus O. Hurxthal, Philadelphia, Pa., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa., a corporation of Pennsylvania
Application January 29, 1936, Serial No. 61,392
1 Claim. (Cl. 34—24)



The method of drying wet tanned hides prior to staking or other finishing treatment of the sur-

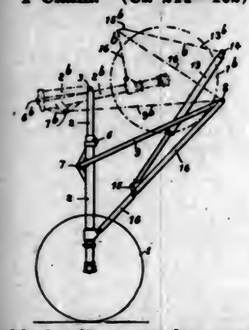
face of the hide, which consists in stretching a hide in all directions outwardly from the central area thereof toward the marginal edges of the hide, securing the edges of the stretched hide to a suitable support to resist subsequent shrinkage of the hide, and impinging jets of drying air against the surface of the hide at relatively closely spaced points simultaneously over substantially the entire area of said surface to effect uniform drying of the hide at substantially all points over the entire area of said surface simultaneously.

2,109,426
PLANT PROTECTOR
Henry Hansel King, West Palm Beach, Fla.
Refiled for abandoned application Serial No. 729,141, June 5, 1934. This application June 25, 1936, Serial No. 87,327. Renewed September 8, 1937
5 Claims. (Cl. 47—28)



1. A plant protector comprising a wire frame of substantially inverted U-shape, metal strips connected to the lower ends of the frame for penetrating the ground, metal strips connected to the upper corners of the frame, transparent sheets connected to the strips and covering the sides of the frame, and fabric covering the top of the frame and connected with the metal strips.

2,109,427
RETRACTABLE LANDING GEAR
René Lucien Lévy, Montrouge, France, assignor to Société d'Inventions Aéronautiques et Mécaniques S. I. A. M., Fribourg, Switzerland
Application January 9, 1936, Serial No. 58,396
In France January 12, 1935
1 Claim. (Cl. 244—102)



Retractable landing gear for aeroplanes comprising, for a wheel, a supporting frame, a fixed pivot pin for this frame, a knee joint at one point of this frame, a control bar pivoting about a fixed point of the aeroplane and pivoted, on the other hand, on the supporting frame at a point situated between the wheel and the point of articulation of said frame, an auxiliary leg pivoted, on the one hand, on the aeroplane and, on the other hand, on the supporting frame, and a lifting device pivoted, on the one hand, on the aeroplane and, on the other hand, on said auxiliary leg.

2,109,428
CORE FOR TRIMMING MOLDINGS
William John MacLeod, Lochmoor, Grosse Pointe Village, Mich., assignor to Beckstay Welt Company, Union City, Ind., a corporation of Indiana
Application May 17, 1935, Serial No. 22,162
6 Claims. (Cl. 154—43)



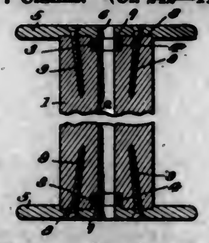
1. A core for trimming moldings and the like comprising a relatively thick strip of coarse textile material such as burlap impregnated with an adhesive composition having each of its opposite margins folded over the central zone of the strip to provide three plies, the several plies being consolidated into a unitary body by the adhesive, and the adhesive composition penetrating the several plies and coating the outer surfaces of the body.

2,109,429
SWIMMING DEVICE
Axel Sigfrid Malm, West Hartford, Conn.
Application November 20, 1936, Serial No. 111,939
1 Claim. (Cl. 9—21)



A swimming device comprising a relatively wide flat body substantially oval shape in outline and having rounded ends and straight sides, said body having a transversely disposed elongated hand receiving opening disposed therein on one side of the transverse center thereof, and a slot on the opposite side to receive the fingers of said hand, said opening and slot being disposed parallel with respect to each other and in close proximity to provide a gripping handle between the same.

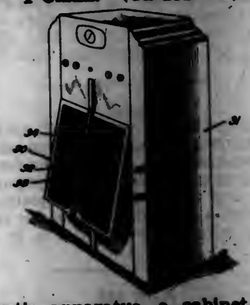
2,109,430
BOBBIN
George B. Markle, Jr., Hazleton, Pa., assignor to Freeland Spool and Bobbin Corp., Hazleton, Pa., a corporation of Pennsylvania
Application February 5, 1936, Serial No. 62,525
7 Claims. (Cl. 242—118)



4. A bobbin comprising a cylindrical body of the same diameter throughout its length having

a longitudinal bore extending therethrough enlarged at one end to form an annular recess to provide a seat, a bushing fitting snugly in said recess, a head arranged against each end of said body, one of the heads engaging the outer face of said bushing for securing said bushing within its seat, and fastening members extending through said heads into the ends of said body for securing said heads to said body and said bushing within said seat.

2,109,431
RADIO APPARATUS
Raymond W. Mcdonald, Washington, D. C., assignor of one-half to Cecil David Kaufmann, Washington, D. C.
Application May 8, 1937, Serial No. 141,550
1 Claim. (Cl. 181—31)



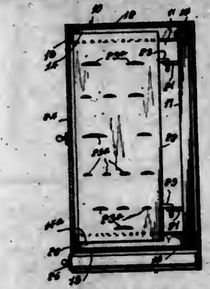
In acoustic apparatus, a cabinet having an opening in one wall thereof, a baffle board normally fitting in said opening hinged at one edge to said wall to swing outwardly with respect to said wall whereby said baffle board is altogether outside of said cabinet in all angular positions of swing, wings at the lateral edges of said baffle board and movable therewith, closing the angle between said baffle board and cabinet in any position of swing of said baffle board, forming extensions of the sounding box constituted by said cabinet, means for adjusting the baffle board at any desired angle, and a sound producer mounted on the inner side of said baffle board and movable therewith.

2,109,432
PLASTIC COMPOSITION
Stefan Morgenstern, Berlin-Charlottenburg, and Johann Eggert, Berlin, Germany, assignors to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany, a corporation of Germany
No Drawing. Application January 31, 1935, Serial No. 4,826. In Germany January 31, 1934
9 Claims. (Cl. 106—38)

1. A protein-containing material having incorporated therein as a plasticiser for said protein-containing material, a normal primary alcohol containing from twelve to eighteen carbon atoms.

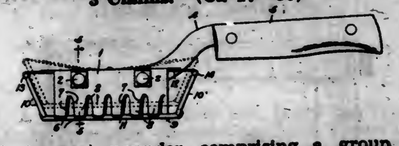
2,109,433
PICTURE STORAGE AND DISPLAY CABINET
Edward J. Merin, Omaha, Nebr.
Application August 4, 1936, Serial No. 94,228
1 Claim. (Cl. 312—181)

A device of the class described comprising in combination with a cabinet provided with swinging doors, guideways mounted in said cabinet on the top and bottom walls thereof in opposed relationship, said guideways being channel shaped and provided with inturned flanges spaced from each other and forming slots therebetween, supporting members slidably mounted in said guideways in vertical parallel relationship to support display racks, said supporting members having enlarged ends to prevent removal of the members through said slots, said supporting members being of a length to permit the lower enlarged portions to engage the bases of the lower guideways and the upper enlarged portions to engage



the flanges of the upper guideways, the thickness of said enlarged portions being substantially less than the height of said guideways to provide a space between the enlarged portions and the tops of the guideways, and said guideways having upturned end portions at their outer open ends forming spaces between said upturned end portions and the tops of said guideways greater than the thickness of the enlarged portions to permit said supporting members to be lifted and removed from said guideways.

2,109,434
STEAK POUNDER
William J. Oliver, Los Angeles, Calif.
Application March 31, 1937, Serial No. 134,164
3 Claims. (Cl. 17—30)

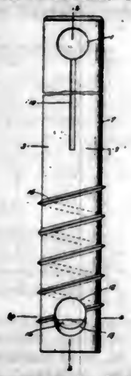


1. A meat pounder comprising a group of blades arranged in parallel and spaced relation, a handle connected to said group of blades, a meat engaging grating movable relative to said blades and between the latter, and spring means connecting the grating to the groups of blades, said spring means hingedly connected with one end of the grating and detachably and hingedly connected to the other end of the grating.

2,109,435
TIMBER BLASTING DEVICE
Leonard H. Sawyer, Royal, Nebr.
Application March 23, 1937, Serial No. 132,628
1 Claim. (Cl. 102—6)

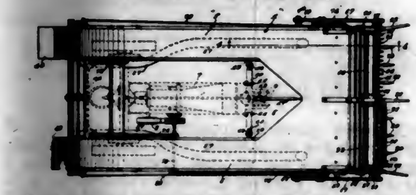
A blasting device of the class described comprising an elongated member of circular shape in cross section and having a centrally arranged bore extending from its inner end to an intermediate point of the member and providing a powder receiving chamber, a spiral thread forming rib on the exterior circumference of said member, said rib being of V-shape in cross section and extending from the inner end of the member to an intermediate point thereof, the outer

end of the member having a transverse hole therein and the inner end having a single pair of diametrically opposite arranged holes therein communicating with the bore and slightly spaced from the inner end of the member, said holes extending in the same radial direction as the first-mentioned hole, whereby the first-mentioned hole acts as indicating means for the pair of holes as well as a handle receiving hole, a



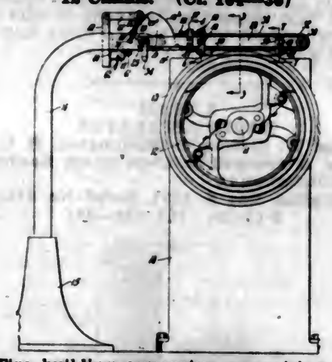
plug closing the inner end of the member and having its inner end of wedge shape and the pair of holes each having its inner side walls sloping outwardly towards the inner end of the member and these sloping walls forming continuations of the sloping walls of the wedge-shaped part of the plug and said member having a passage therein leading into the closed end of the bore for receiving a fuse.

2,109,436
HARVESTER AND THRESHER
Victor Schowengerdt, Chamois, Mo.
Application November 20, 1936, Serial No. 111,927
8 Claims. (Cl. 56—21)



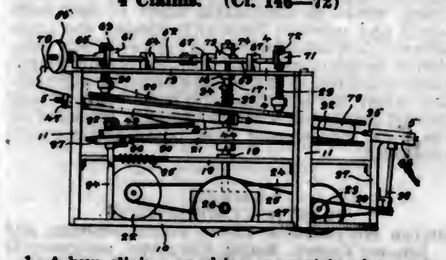
1. A combine comprising a housing including a front portion and upwardly and rearwardly extending side portions defining therebetween a tractor receiving space, means connecting the housing to a tractor, a cutting mechanism located in advance of the front portion of the housing and connected thereto for movement in an upward and downward direction with respect to the ground, manual means for adjusting the cutting mechanism relative to the ground, means for driving the cutting mechanism by power from the tractor, ground wheels for supporting the housing, threshing means located in the housing rearwardly of the cutting mechanism and driven by power from the tractor, grain separating means receiving threshed straw of the grain from the threshing mechanism to further separate any grain from the straw that may be left therein, exhaust means for receiving the straw from the separating means, a collecting bin carried by the housing, and means for conveying the grain separated from the straw to the collecting bin.

2,109,437
TIRE BUILDING APPARATUS
Florain J. Shook, Akron, Ohio, assignor to National Rubber Machinery Company, Akron, Ohio, a corporation of Ohio
Application January 4, 1934, Serial No. 705,204
12 Claims. (Cl. 164—36)



1. Tire building apparatus comprising a cutting tool consisting of a wire, means for supporting said tool in an inoperative position removed from a tire and in an operative position in engagement with a tire, and means for electrically heating said wire solely when it is in operative position.

2,109,438
BUN SLICING MACHINE
Robert R. Springer, Harrison, Ark., assignor of one-half to William W. McKinney, Harrison, Ark.
Application November 14, 1936, Serial No. 110,936
4 Claims. (Cl. 146—72)

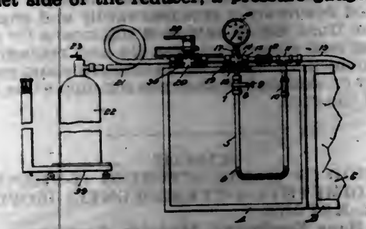


1. A bun slicing machine comprising bun gripping discs arranged in facing relation and differentiated in surface contour, means for mounting said discs on a common axis of rotation to provide parallel bun gripping surfaces through part of a revolution and divergent surfaces through the remainder of the revolution, and a knife intermediately positioned between said discs in the zone of the parallel surfaces, and means for reciprocating said knife radially of said discs.

2,109,439
CHLORINATOR
Clair V. Swearingen, Chattanooga, Tenn.
Application June 1, 1937, Serial No. 145,891
5 Claims. (Cl. 210—28)

1. In a chlorinator apparatus, a gas tank having a valved outlet for controlling discharge of gas therefrom, a four-way union having a branch connection with said valved outlet, a discharge tube leading from another branch of said union

and having a reducer, a substantially U-shaped tube connected with another branch of said union and with the discharge tube, respectively, the connection between both tubes being located at the outlet side of the reducer, a pressure gauge con-



nected with the remaining branch of said union, a needle valve arranged in the branch leading from said tank, a calibrated dial supported next to the needle valve, and an indicator coacting with the needle valve and traversing said dial.

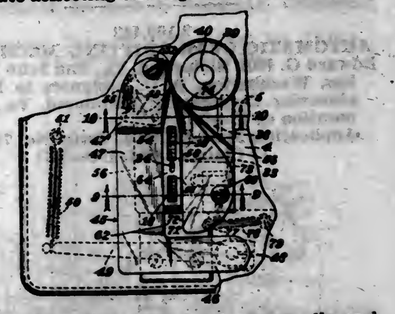
2,109,440
TRACTOR TRUCK LOADER
Chris J. Villerup, Glasgow, Mont.
Application November 20, 1936, Serial No. 111,913
2 Claims. (Cl. 214—130)



1. The combination with a tractor, of a supporting frame, a bucket pivotally mounted on the frame, means for rocking the bucket upwardly to dumping position, a box open at both ends hinged to the frame in position to receive the dumped contents of the bucket, hinged closures for the ends of the box, crank arms connected to the hinges of the closures, levers connected to the frame and to the crank arms and adapted to open the closures when the box is rocked upwardly at the forward end to form a trough for receiving the contents of the bucket, and hydraulic means for raising and lowering the box.

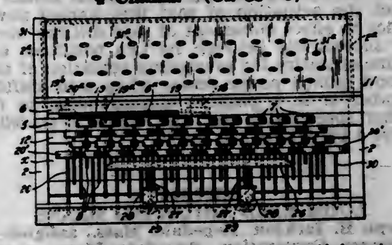
2,109,441
FOLDING AND PRESSING ATTACHMENT FOR SEWING MACHINES
Thomas A. Anderson, Hartwell, Ga., assignor to The Patent Button Company, Waterbury, Conn., a corporation of Connecticut
Application July 22, 1936, Serial No. 92,038
13 Claims. (Cl. 112—217)

1. In combination with a sewing machine, a fabric folding and pressing mechanism secured to the sewing machine to fold and press the marginal edges of the fabric as the latter leaves said machine including a worm mounted on the main drive shaft of the machine, a pinion and shaft operated by said worm, a roller on said shaft, a pivotal arm having a loosely mounted roller therein and cooperating with said first-mentioned roller, a presser foot, a bridge plate having an elevated portion beneath the presser foot, a guide plate cooperating with the presser foot and the said elevated portion, and the rear end of said guide plate deflecting one edge of the fabric down-



wardly and holding the other edge upwardly and the said edges pressed in this position as they pass from said presser foot and guide plate through said aforementioned rollers.

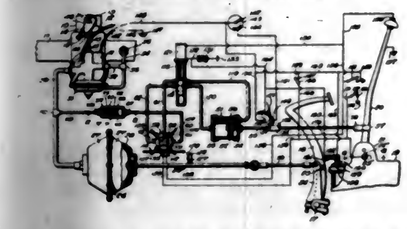
2,109,442
MEANS FOR TEACHING AND PRACTICING TYPEWRITING
Joseph Henry Brewajohn, Leicester, England, assignor to Imperial Typewriter Company Limited, Leicester, England, a British company
Application December 10, 1936, Serial No. 115,216
In Great Britain December 20, 1935
4 Claims. (Cl. 35—5)



1. A device for teaching and practicing typewriting comprising, in combination, a frame including side members and at least one cross member, the upper edges of said side members being inclined and grooved on the insides adjacent to the inclined edges, a series of type levers pivotally mounted in the frame and each carrying at least two appropriate type characters arranged one above the other, a corresponding series of blank keys associated with the type levers and corresponding in number and arrangement with the conventional keyboard of a typewriter, an indicator in the form of a flat perforated member adapted to slide in the grooves in the side members of the frame, the perforations in the indicator being formed in rows to correspond with the keys and situated above the type characters on the type levers whereby when a lever is operated by striking the appropriate key a type character on said lever can be seen through the corresponding perforation in the indicator, means for locating the said indicator in position at its inner edge, spring means for normally holding the indicator against the locating means, in which position of the indicator the lower series of type characters on the type levers can be seen through the perforations when the keys are struck, and means for moving

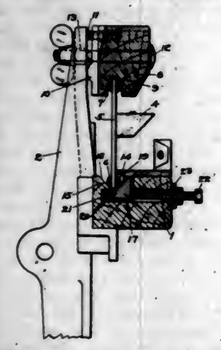
the indicator rearwards against the spring action so as to enable other characters on the type levers to be seen when the keys are struck.

2,109,443
AUTOMATIC GEAR SHIFTING MECHANISM
Edward G. Hill, Richmond, Va., and John X. Phillips, Washington, D. C., assignors to Hill Engineering Corporation, Richmond, Va., a corporation of Virginia
Application June 28, 1934, Serial No. 732,946
12 Claims. (Cl. 192—3.5)



1. In a motor vehicle including a clutch and a transmission having a shifting member movable between two positions for transmitting power at different ratios for forward vehicle movement, a power device having a movable member connected to said shifting member, control means for said power device, a power device operative for disengaging the vehicle clutch, means operative upon each actuation of said last named power device for causing said control means to effect the actuation of said first named power device to effect movement of said shifting member successively between its two positions, and means operative for preventing actuation of said second named power device when said shifting member is in a position corresponding to the higher speed ratio and the vehicle is traveling above a predetermined speed.

2,109,444
LOOM REED ADJUSTING MEANS
Joseph B. Jackson, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a corporation of Maine
Application January 8, 1937, Serial No. 119,648
5 Claims. (Cl. 139—188)

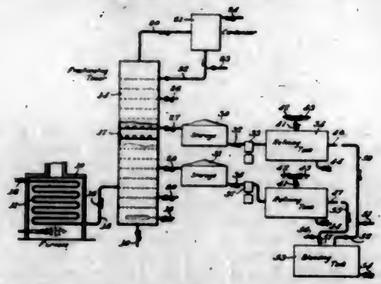


1. The combination of a loom lay having a longitudinal reed cut in its upper surface for receiving a reed rib, the back wall of said reed cut being inclined from the top thereof downwardly and forwardly, a reed having a rounded lower rib positioned in said reed cut and resting on said inclined wall, movable members positioned in recesses in the lay in front of said reed rib, the rear surface of each of said members being inclined downwardly and rearwardly and engaging the front side of said reed rib, means for adjusting said members forwardly and rearwardly to thereby move said reed rib forwardly and rearwardly on said wall, and means for supporting the top of the reed.

2,109,445
METHOD OF MANUFACTURING (1-PHENYL-2,3-DIMETHYL-5-PYRAZOLONYL)-ISOPENTYL-KETONE
Hans Kaufmann, Munster, Germany
No Drawing. Application May 7, 1936, Serial No. 78,519. In Germany May 7, 1935
3 Claims. (Cl. 260—45)

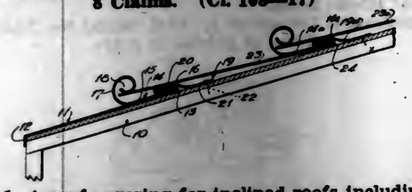
1. The method of preparing (1-phenyl-2,3-dimethyl-5-pyrazolonyl)-isopentyl ketone which consists in causing interaction between 1-phenyl-2,3-dimethyl-5-pyrazolone and diethylacetyl chloride in the presence of an agent capable of splitting off acid, and treating the resulting mixture with cool water, whereby the desired ketone separates.

2,109,446
REFINING OF MINERAL OILS
Marcus T. Kendall, Long Beach, Calif., assignor to The Texas Company, New York, N. Y., a corporation of Delaware
Application January 13, 1934, Serial No. 706,482
2 Claims. (Cl. 196—40)



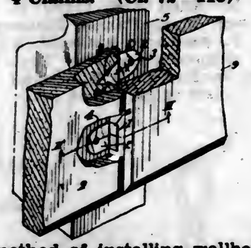
1. The process of preparing a marketable burning oil consisting essentially of hydrocarbons of the kerosene range boiling between substantially 360°–490° F., which comprises separating from a petroleum oil by non-cracking flash distillation a lighter kerosene distillate fraction boiling between substantially 360°–435° F. and a heavier kerosene distillate fraction boiling between substantially 435°–490° F., treating the lighter kerosene fraction with substantially 4 pounds of fuming sulphuric acid per barrel of oil followed by treating with substantially 9 pounds of recovered sulphuric acid per barrel of oil, treating the heavier kerosene fraction with substantially 20 pounds of fuming sulphuric acid per barrel of oil followed by treating with substantially 5 pounds of recovered sulphuric acid per barrel of oil, and blending the treated kerosene fractions to produce without redistillation a burning oil of the desired boiling range having a burn test at least equivalent to that produced by treating a mixture of the said kerosene fractions with substantially 18 pounds of fuming sulphuric acid per barrel of oil followed by substantially 7 pounds of recovered sulphuric acid per barrel of oil, whereby a substantial saving in the consumption of fuming sulphuric acid is effected.

2,109,447
ROOF STRUCTURE
Robert Edward Sadtler, Cincinnati, Ohio
Application September 24, 1937, Serial No. 165,513
8 Claims. (Cl. 108—17)



1. A roof covering for inclined roofs including a cover sheet extending longitudinally of the roof, a snow guard member having a flat portion resting on the upper part of said sheet, interlocking means formed on said sheet and snow guard at the upper edges thereof, a securing clip engaging said interlocking means and extending up the roof therefrom to have its upper end nailed to the roof, and a second cover sheet having its lower edge engagingly fitted under a portion of said snow guard and extending up the roof over said interlocking means and clip.

2,109,448
METHOD OF INSTALLING AND ASSEMBLING WALLBOARDS
Clifton Welch, Pensacola, Fla., assignor, by mesne assignments, to Jack A. Goodman, Columbus, Ohio
Application June 24, 1935, Serial No. 28,073
4 Claims. (Cl. 72—118)

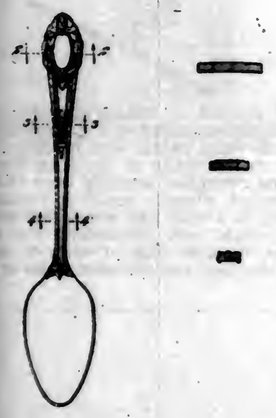


1. The method of installing wallboard panels which comprises providing the longitudinal edges of the individual panels with metallic extensions disposed in the plane of the back walls of said panels and extending laterally from the marginal edges thereof, directly securing certain of said extensions to a wall joist along one side of each of said panels, and positioning the extensions along the opposite edge of each of said panels between the joist and the back walls of adjoining panels.

DESIGNS

FEBRUARY 22, 1938

108,532
DESIGN FOR A SPOON OR SIMILAR ARTICLE
Gresvenor N. Allen and Lloyd E. Rensegger, Oneida, and Mary Parker Fleming, Niagara Falls, N. Y., assignors to Oneida Ltd., Oneida, N. Y., a corporation of New York
Application January 5, 1938, Serial No. 74,100
Term of patent 14 years



The ornamental design for a spoon or similar article as shown and described.

108,533
DESIGN FOR A BROOCH OR THE LIKE
Nicholas Barbieri, Providence, R. I., assignor to Uncas Manufacturing Company, a corporation of Rhode Island
Application December 11, 1937, Serial No. 73,544
Term of patent 14 years





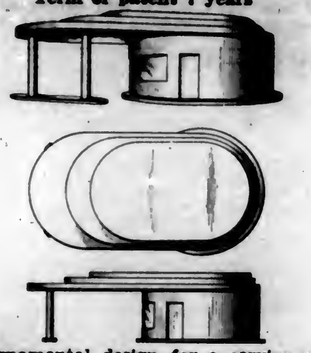
The ornamental design for a brooch or the like substantially as shown

108,534
DESIGN FOR A BROOCH OR THE LIKE
Nicholas Barbieri, Providence, R. I., assignor to Uncas Manufacturing Company, a corporation of Rhode Island
Application December 13, 1937, Serial No. 73,568
Term of patent 14 years



The ornamental design for a brooch or the like substantially as shown.

108,535
DESIGN FOR A SERVICE STATION BUILDING OR THE LIKE
John F. Cheney, West Palm Beach, Fla.
Application December 16, 1936, Serial No. 66,571
Term of patent 7 years



The ornamental design for a service station building or the like, as shown.

108,536
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Fulco di Verdura, New York, N. Y., assignor to Paul E. Flato, New York, N. Y.
Application January 6, 1938, Serial No. 74,113
Term of patent 3½ years



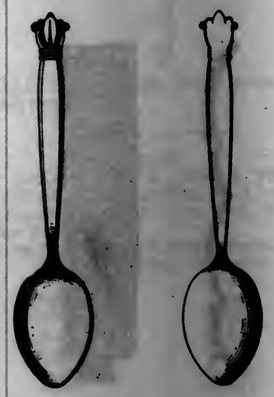
The ornamental design for a brooch or similar article, substantially as shown.

108,537
DESIGN FOR A BROOCH OR SIMILAR ARTICLE
Fulco di Verdura, New York, N. Y., assignor to Paul E. Flato, New York, N. Y.
Application January 6, 1938, Serial No. 74,114
Term of patent 3½ years



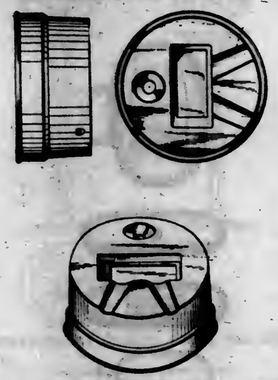
The ornamental design for a brooch or similar article, substantially as shown.

108,538
DESIGN FOR A SPOON OR ANALOGOUS ARTICLE
Alfred J. Flander, Trumbull, Conn.
Application November 17, 1937, Serial No. 72,971
Term of patent 7 years



The ornamental design for spoon or analogous article substantially as shown and described.

108,539
DESIGN FOR A COMBINED ASHTRAY AND CIGARETTE PACKAGE OPENER
Herbert Flohr, Cincinnati, Ohio, assignor of one-third to Otto Creutz and one-third to William G. Courtney, both of Cincinnati, Ohio
Application May 25, 1937, Serial No. 69,536
Term of patent 7 years



The ornamental design for a combined ash tray and cigarette package opener as shown.

108,540
DESIGN FOR A FINGER RING
Joseph Granat, San Francisco, Calif.
Application December 28, 1937, Serial No. 73,913
Term of patent 7 years

The ornamental design for a finger ring, substantially as shown.

108,541
DESIGN FOR A WEDDING RING
Joseph Granat, San Francisco, Calif.
Application December 28, 1937, Serial No. 73,914
Term of patent 7 years



The ornamental design for a wedding ring, substantially as shown.

108,542
DESIGN FOR A HANDLE CASING FOR ELECTRIC CLIPPER OR THE LIKE
John A. Hanley, Noroton, Conn.
Application December 17, 1937, Serial No. 73,687
Term of patent 7 years



The ornamental design for a handle casing for electric clipper or the like, substantially as shown.

108,543
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
William W. Hobé, New York, N. Y.
Application December 30, 1937, Serial No. 73,965
Term of patent 3½ years



The ornamental design for a brooch pin or similar article, substantially as shown.

108,544
DESIGN FOR A BROOCH PIN OR SIMILAR ARTICLE
William W. Hobé, New York, N. Y.
Application December 30, 1937, Serial No. 73,966
Term of patent 3½ years



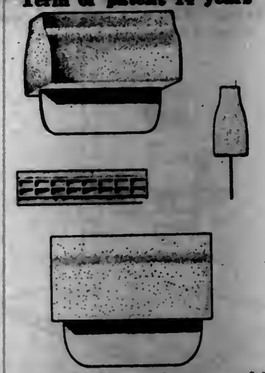
The ornamental design for a brooch pin or similar article, substantially as shown.

108,545
DESIGN FOR A BRACELET OR SIMILAR ARTICLE
William W. Hobé, New York, N. Y.
Application December 30, 1937, Serial No. 73,967
Term of patent 3½ years



The ornamental design for a bracelet or similar article, substantially as shown.

108,546
DESIGN FOR A COMBINED FROZEN CONFECTION AND HANDLE
Morris Lasow, Brooklyn, N. Y.
Application January 12, 1938, Serial No. 74,256
Term of patent 14 years



The ornamental design for a combined frozen confection and handle as shown.

108,547
DESIGN FOR A SHOE EYELET
Sahatiel G. Mandalian, North Attleboro, Mass.
Application August 19, 1937, Serial No. 71,187
Term of patent 7 years



The ornamental design for a shoe eyelet, as shown and described.

108,548
DESIGN FOR A PENCIL TIP
Joseph McNulty, Bergenfield, N. J., assignor to Eagle Pencil Company, New York, N. Y., a corporation of Delaware
Application December 10, 1937, Serial No. 73,519
Term of patent 14 years



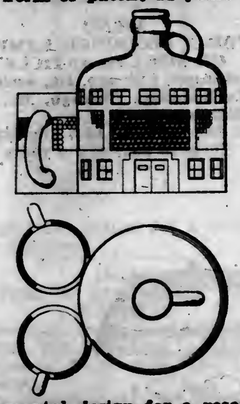
The ornamental design for a pencil tip, substantially as shown.

108,549
DESIGN FOR A SMOKING STAND
John K. Milton, Chicago, Ill.
Application December 14, 1937, Serial No. 73,617
Term of patent 14 years



The ornamental design for a smoking stand, as shown.

108,550
DESIGN FOR A RESORT BUILDING
Terrence R. Morgan, Vancouver, Wash.
Application December 21, 1937, Serial No. 73,786
Term of patent 14 years



The ornamental design for a resort building, as shown and described.

108,551
DESIGN FOR A GEM SETTING FOR A RING
Henry Rufeisen, Newark, N. J.
Application January 3, 1938, Serial No. 74,061
Term of patent 3½ years



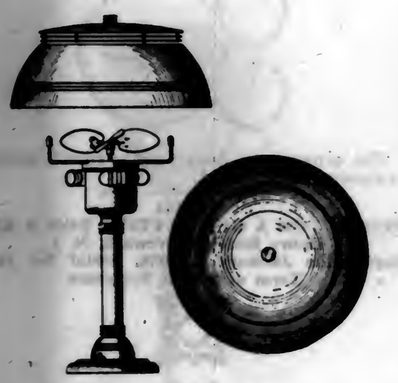
The ornamental design for a gem setting for a ring, as shown.

108,552
DESIGN FOR A COMBINED TOOTH BRUSH AND TUMBLER HOLDER
Roy S. Sanford, Oakville, Conn., assignor to The Anleyre Company, Incorporated, Oakville, Conn., a corporation of Connecticut
Application December 16, 1937, Serial No. 73,663
Term of patent 7 years



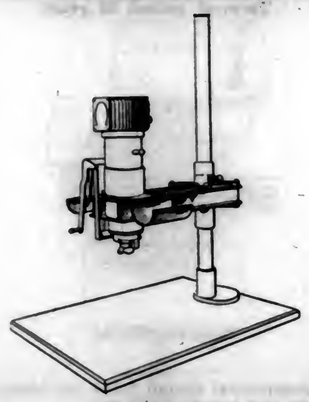
The ornamental design for a combined tooth brush and tumbler holder substantially as shown.

108,553
DESIGN FOR A COMBINED LAMP AND FAN OR SIMILAR ARTICLE
Ernest G. Shinner, Chicago, Ill., assignor to Air-O-Lite Corporation, Chicago, Ill., a corporation of Illinois
Application October 25, 1937, Serial No. 72,411
Term of patent 3½ years



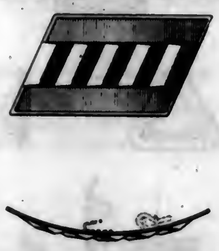
The ornamental design for a combined lamp and fan or similar article as shown and described.

108,554
DESIGN FOR A PHOTOGRAPHIC ENLARGER
Rudolph Simmon, Long Island City, N. Y.
Application November 27, 1937, Serial No. 73,228
Term of patent 7 years



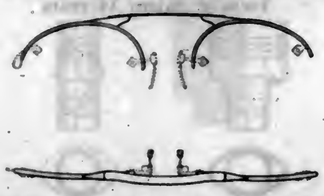
The ornamental design for a photographic enlarger substantially as shown.

108,555
DESIGN FOR A BELT BUCKLE
Reuben Slote, Mount Vernon, N. Y., assignor to Slote & Klein, Inc., a corporation of New Jersey
Application November 13, 1937, Serial No. 72,856
Term of patent 3½ years



The ornamental design for a belt buckle, as shown.

108,556
DESIGN FOR AN OPHTHALMIC MOUNTING
Edward M. Splaine, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application July 18, 1936, Serial No. 63,919
Term of patent 14 years



The ornamental design for an ophthalmic mounting substantially as shown and described.

108,557
DESIGN FOR A STEMMED GOBLET OR SIMILAR ARTICLE
Elmer Bell, Mount Pleasant, Pa., assignor to Bryce Brothers Company, Mount Pleasant, Pa., a corporation of Pennsylvania
Application January 17, 1938, Serial No. 74,354
Term of patent 14 years



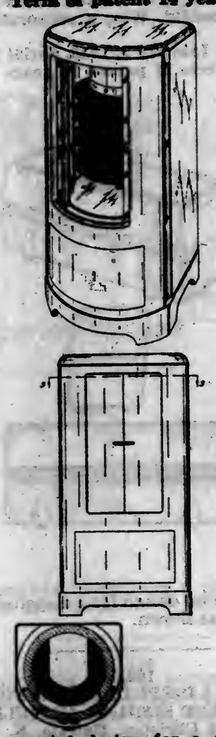
The ornamental design for a stemmed goblet or similar article substantially as shown and described.

108,558
DESIGN FOR A COMBINED DRINK STIRRER AND PICK
George W. Bergen, West Belmar, and Robert B. Dabney, Manasquan, N. J.
Application November 17, 1937, Serial No. 72,956
Term of patent 3½ years



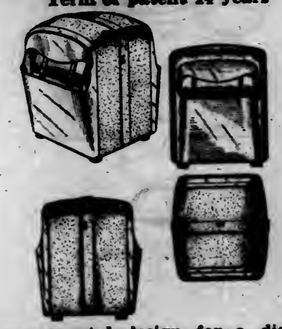
The ornamental design for a combined drink stirrer and pick, as shown.

108,559
DESIGN FOR A REFRIGERATOR
Alfred O. Boyce and George F. Appleby, St. Paul, Minn.
Application November 6, 1937, Serial No. 72,670
Term of patent 14 years



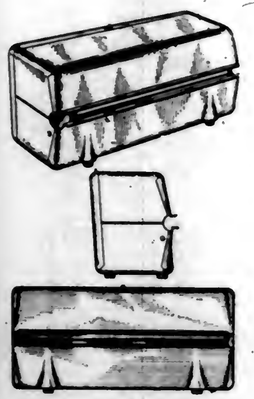
The ornamental design for a refrigerator as shown and described.

108,560
DESIGN FOR A DISPENSER FOR PAPER NAPKINS
Frank L. Broeren, Neenah, and Samuel N. Hope, Wauwatosa, Wis., assignors to Marathon Paper Mills Company, Rothschild, Wis., a corporation of Wisconsin
Application December 20, 1937, Serial No. 73,740
Term of patent 14 years



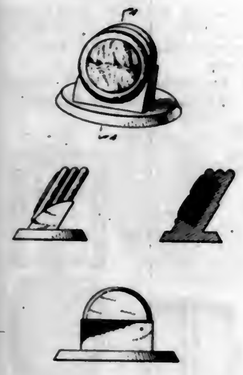
The ornamental design for a dispenser for paper napkins, as shown.

108,561
DESIGN FOR A DISPENSER FOR INTERFOLDED SHEETS
Frank L. Broeren, Neenah, Byron T. Hoffmaster, Menasha, and Archie S. Krueger, Green Bay, Wis., assignors to Marathon Paper Mills Company, Rothschild, Wis., a corporation of Wisconsin
Application January 3, 1938, Serial No. 74,044
Term of patent 14 years



The ornamental design for a dispenser for interfolded sheets, as shown.

108,562
DESIGN FOR A DISPLAY STAND FOR JEWELRY AND SIMILAR ARTICLE
Rudolf Christen, Buffalo, N. Y.
Application January 29, 1937, Serial No. 67,336
Term of patent 3½ years



The ornamental design for a display stand for jewelry and similar article, as shown.

108,563
DESIGN FOR A REDINGOTE
Elizabeth M. Ciccone, New York, N. Y.
Application December 16, 1937, Serial No. 73,649
Term of patent 3½ years



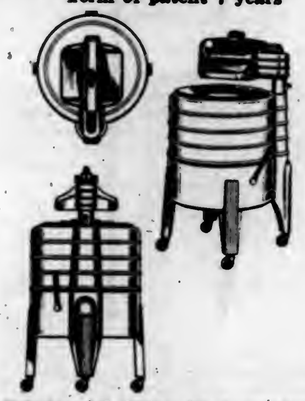
The ornamental design for a redingote substantially as shown.

108,564
DESIGN FOR A REDINGOTE
Elizabeth M. Ciccone, New York, N. Y.
Application December 22, 1937, Serial No. 73,792
Term of patent 3½ years



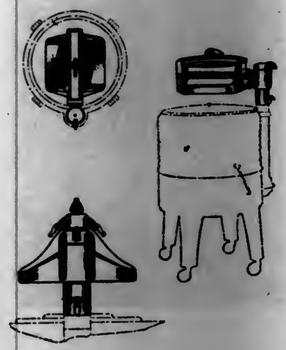
The ornamental design for a redingote as shown.

108,565
DESIGN FOR A COMBINED WASHING MACHINE AND WRINGER
Fred A. Conterman, Jamestown, N. Y., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y., a corporation of New York
Application December 24, 1937, Serial No. 73,842
Term of patent 7 years



The ornamental design for a combined washing machine and wringer as shown.

108,566
DESIGN FOR A COMBINED WRINGER AND WASHING MACHINE
Fred A. Conterman, Jamestown, N. Y., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y., a corporation of New York
Application December 24, 1937, Serial No. 73,843
Term of patent 7 years



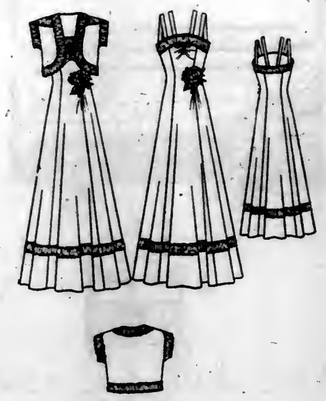
The ornamental design for a combined wringer and washing machine as shown and described.

108,567
DESIGN FOR A COMBINED LAMP, SMOKING STAND, AND RADIO TUNING UNIT
Daniel J. Crowley, Grosse Pointe, Mich.
Application November 15, 1937, Serial No. 72,894
Term of patent 14 years



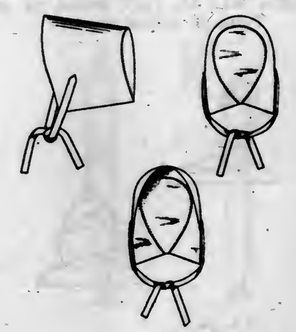
The ornamental design for a combined lamp, smoking stand and radio tuning unit substantially as shown and described.

108,568
DESIGN FOR A DRESS ENSEMBLE
Alice Engel, New York, N. Y.
Application January 12, 1938, Serial No. 74,246
Term of patent 3½ years



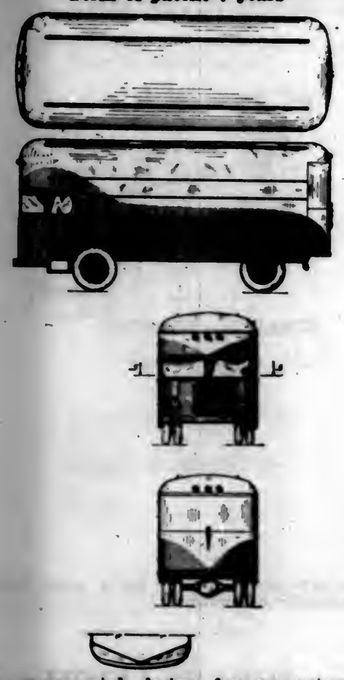
The ornamental design for a dress ensemble, substantially as shown.

108,569
DESIGN FOR A BONNET
William P. Fortune, New York, N. Y.
Application January 20, 1938, Serial No. 74,452
Term of patent 7 years



The ornamental design for a bonnet, substantially as shown.

108,570
DESIGN FOR AN AUTOMOTIVE TRUCK
Vacter G. Garnett and Edward V. Garnett, Denver, Colo.
Application November 26, 1937, Serial No. 73,205
Term of patent 7 years



The ornamental design for an automotive truck, as shown.

108,571
DESIGN FOR A HOUSE MARKER OR THE LIKE
Oscar O. Godwin, West Palm Beach, Fla.
Application May 19, 1937, Serial No. 69,432
Term of patent 7 years



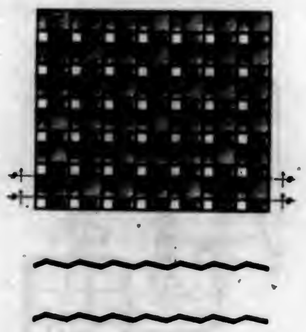
The ornamental design for a house marker or the like, as shown.

108,572
DESIGN FOR A TEXTILE FABRIC
William Harm, Philadelphia, Pa.
Application January 26, 1938, Serial No. 74,547
Term of patent 3½ years



The ornamental design for a textile fabric, substantially as shown.

108,573
DESIGN FOR A SHEET METAL FOR MAKING BAKING RECEPTACLES OR SIMILAR ARTICLES
Joseph G. Jackson, Oak Park, Ill., assignor to The Edward Katzinger Company, Chicago, Ill., a corporation of Illinois
Application September 5, 1936, Serial No. 64,730
Term of patent 14 years



The ornamental design for a sheet metal for making baking receptacles or similar articles as shown and described.

108,574
DESIGN FOR AN ESCUTCHEON PLATE FOR A COMBINED RADIO TUNING DIAL AND CONTROL PANEL OR THE LIKE
Le Roy J. Leishman, Los Angeles, Calif.
Application November 8, 1937, Serial No. 72,710
Term of patent 7 years



The ornamental design for an escutcheon plate for a combined radio tuning dial and control panel, or the like, substantially as shown.

108,575
DESIGN FOR AN ALUMINUM ALLOY INGOT OR THE LIKE
Henry Lindenberger, Chicago, Ill., assignor to U. S. Reduction Co., East Chicago, Ind., a corporation of Illinois
Application August 25, 1937, Serial No. 71,311
Term of patent 14 years



The ornamental design for an aluminum alloy ingot or the like as shown.

108,576
DESIGN FOR A DOLL
Fred H. Morehead, New Market, Va.
Application June 10, 1937, Serial No. 69,778
Term of patent 7 years



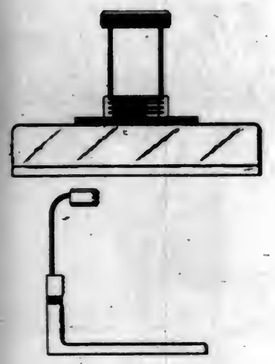
The ornamental design for a doll, as shown.

108,577
DESIGN FOR A LIP BRUSH OR SIMILAR ARTICLE
Charles A. Mureau, Los Angeles, Calif.
Application December 22, 1937, Serial No. 73,802
Term of patent 14 years



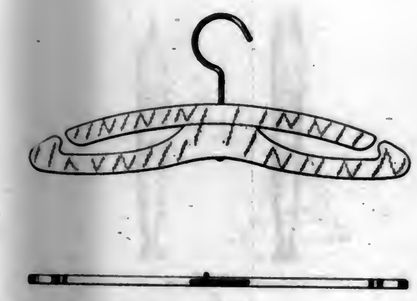
The ornamental design for a lip brush or similar article, substantially as shown and described.

106,578
DESIGN FOR A COMBINED TOP, BACK SPLASH PANEL, AND LIGHTING UNIT FOR RANGES
Elmer D. Pellegrin, Woodstock, Ill., assignor to Geo. D. Roper Corporation, Rockford, Ill., a corporation of Illinois
Application December 13, 1937, Serial No. 73,589
Term of patent 7 years



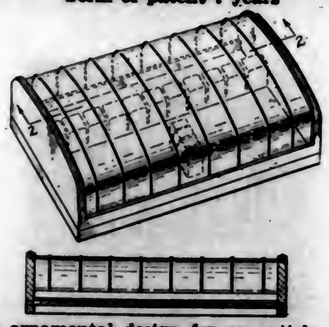
The ornamental design for a combined top, back splash panel, and lighting unit for ranges substantially as shown.

106,579
DESIGN FOR A COAT HANGER
Benjamin Perrone, Jackson Heights, Long Island, N. Y.
Application December 7, 1937, Serial No. 73,418
Term of patent 7 years



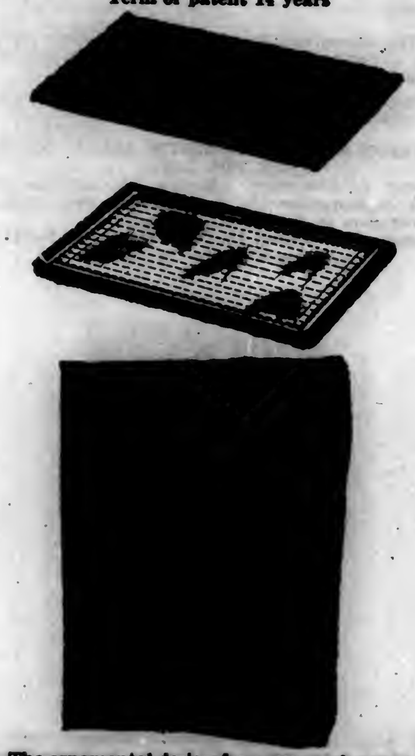
The ornamental design for a coat hanger, as shown.

106,580
DESIGN FOR AN ARTICLE DISPLAY CASE
Thomas J. Pilliod, Swanton, Ohio, assignor to The Pilliod Cabinet Company, Swanton, Ohio, a corporation of Ohio
Application May 8, 1937, Serial No. 69,241
Term of patent 7 years



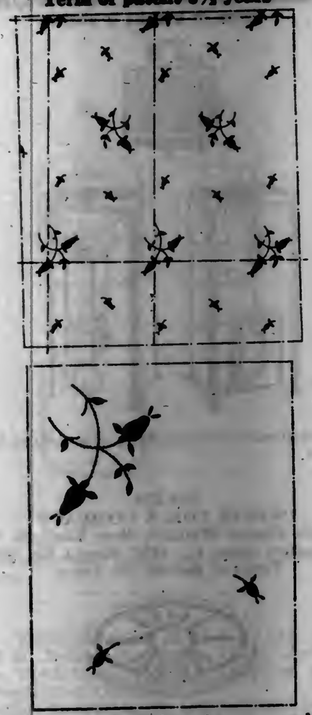
The ornamental design for an article display case, substantially as shown.

106,581
DESIGN FOR A RUG
William W. Robinson, Memphis, Tenn., assignor to McCallum & Robinson, Inc., Memphis, Tenn., a corporation of Tennessee
Application November 19, 1936, Serial No. 66,021
Term of patent 14 years



The ornamental design for a rug, as shown, and described.

106,582
DESIGN FOR AN EMBROIDERED TEXTILE FABRIC
Isidor J. Shorser, West New York, N. J.
Application January 31, 1938, Serial No. 74,728
Term of patent 3½ years



The ornamental design for an embroidered textile fabric substantially as shown and described.

106,583
DESIGN FOR AN OPHTHALMIC MOUNTING
Edward M. Splaine, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application October 26, 1936, Serial No. 65,515
Term of patent 14 years



The ornamental design for an ophthalmic mounting substantially as shown and described.

106,584
DESIGN FOR A BRIDGE FOR AN OPHTHALMIC MOUNTING
Edward M. Splaine, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a voluntary association of Massachusetts
Application October 26, 1936, Serial No. 65,516
Term of patent 14 years



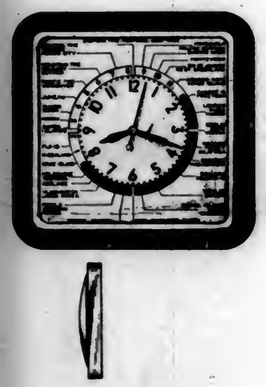
The ornamental design for a bridge for an ophthalmic mounting, substantially as shown and described.

106,585
DESIGN FOR A TOKEN DISPENSER
Walter J. Taylor, Kansas City, Kans.
Application August 2, 1937, Serial No. 70,780
Term of patent 3½ years



The ornamental design for a token dispenser, as shown and described.

106,586
DESIGN FOR A CLOCK FACE
Walter D. Teague, Forest Hills, N. Y., assignor to Warren Telechron Company, a corporation of Maine
Application October 28, 1937, Serial No. 72,473
Term of patent 14 years



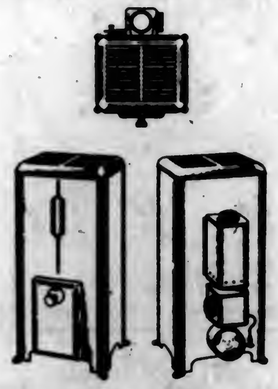
The ornamental design for a clock face, as shown and described.

106,587
DESIGN FOR A TEXTILE FABRIC OR SIMILAR ARTICLE
Abe Tillman, New York, N. Y.
Application November 24, 1937, Serial No. 73,153
Term of patent 3½ years



The ornamental design for a textile fabric or similar article, substantially as shown and described.

106,588
DESIGN FOR A CIRCULATING HEATER
Boyd W. Tullis, Wichita, Kans., assignor to The Coleman Lamp and Stove Company, Wichita, Kans.
Application May 21, 1937, Serial No. 69,471
Term of patent 7 years



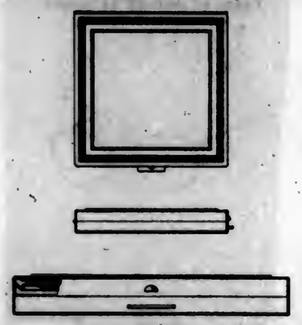
The ornamental design for a circulating heater, as shown.

106,589
DESIGN FOR A COMPACT
Sadye Elaine Wallace, New York, N. Y.
Application June 14, 1937, Serial No. 69,842
Term of patent 3½ years



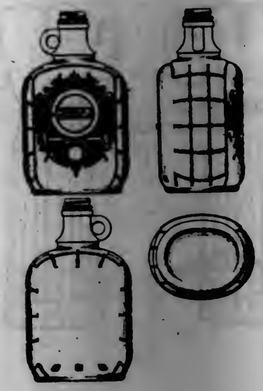
The ornamental design for a compact as shown and described.

106,590
DESIGN FOR A VANITY CASE OR SIMILAR ARTICLE
David H. Zell, Brooklyn, N. Y.
Application December 14, 1937, Serial No. 73,596
Term of patent 14 years



The ornamental design for a vanity case or similar article substantially as shown and described.

106,591
DESIGN FOR A JUG
Lorenzo Colla, New York, N. Y., assignor to Roma Wine Company, Inc., Lodi, Calif., a corporation of California
Application December 28, 1937, Serial No. 73,916
Term of patent 7 years



The ornamental design for a jug substantially as shown.

106,592
DESIGN FOR A GLASS JAR
Ronald H. Dallas, Southgate, Calif., assignor to Glass Containers, Inc., Los Angeles, Calif., a corporation of California
Application December 27, 1937, Serial No. 73,874
Term of patent 7 years



The ornamental design for a glass jar as shown and described.

106,593
DESIGN FOR A BOTTLE
Edwin W. Fuerst, Toledo, Ohio, assignor to National Distillers Products Corporation, Richmond, Va., a corporation of Virginia
Application December 13, 1937, Serial No. 73,572
Term of patent 14 years



The ornamental design for a bottle substantially as shown.

106,594
DESIGN FOR A JAR
Walter L. Kennedy, Baltimore, Md., assignor to Crosse and Blackwell Company, Baltimore, Md., a corporation of Maryland
Application January 13, 1938, Serial No. 74,263
Term of patent 7 years



The ornamental design for a jar substantially as shown and described.

108,595
DESIGN FOR A COMBINED BOOK AND NEWSPAPER HOLDER
James I. Kumauchi, New York, N. Y.
Application November 11, 1937, Serial No. 72,813
Term of patent 14 years



The ornamental design for a combined book and newspaper holder, as shown.

108,596
DESIGN FOR A BRACKET FOR A MAP OR SIMILAR ARTICLE
Archibald E. MacQuarrie, Minneapolis, Minn.
Application September 7, 1937, Serial No. 71,495
Term of patent 14 years



The ornamental design for a bracket for a map or similar article, as shown.

108,597
DESIGN FOR A DISPLAY CABINET
Francis F. Melvin and Bernard C. Howell, Elwood, Ind.
Application June 16, 1937, Serial No. 69,876
Term of patent 7 years



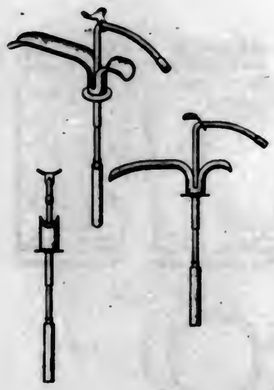
The ornamental design for a display cabinet, as shown.

108,598
DESIGN FOR A DRESS
Murray White, Brookline, Mass.
Application January 3, 1938, Serial No. 74,040
Term of patent 3½ years



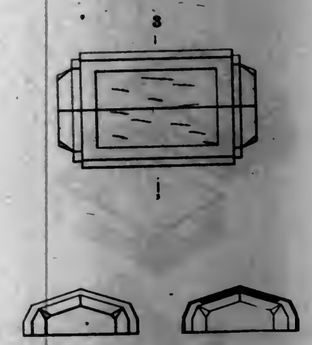
The ornamental design for a dress as shown.

108,599
DESIGN FOR A SPRAYER PUMP
Rudolph Bernhardt, Chicago, Ill.
Application December 2, 1937, Serial No. 73,313
Term of patent 7 years



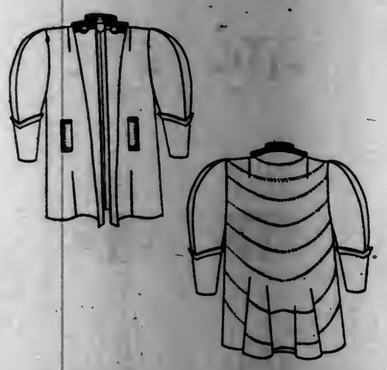
The ornamental design for a sprayer pump as shown.

108,600
DESIGN FOR A WRIST WATCH BEZEL
Richard Jaccarino, Tuckahoe, N. Y.
Application December 11, 1937, Serial No. 73,530
Term of patent 3½ years



The ornamental design for a wrist watch bezel, as shown and described.

108,601
DESIGN FOR A COAT
Henry Miller, New York, N. Y.
Application December 22, 1937, Serial No. 73,790
Term of patent 3½ years



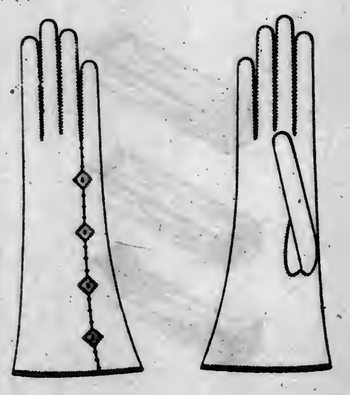
The ornamental design for a coat substantially as shown and described.

108,602
DESIGN FOR A HAT
Alice Rainess, New York, N. Y.
Application January 12, 1938, Serial No. 74,211
Term of patent 3½ years



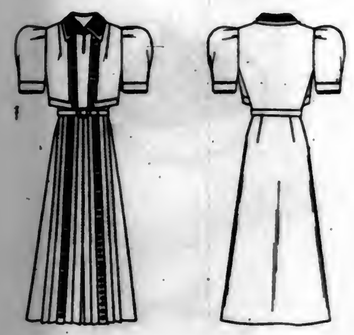
The ornamental design for a hat, substantially as shown.

108,603
DESIGN FOR A GLOVE
Samuel Shapiro, New York, N. Y.
Application December 4, 1937, Serial No. 73,370
Term of patent 3½ years



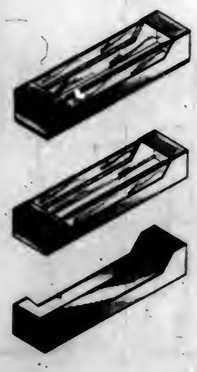
The ornamental design for a glove, substantially as shown.

108,604
DESIGN FOR A DRESS
Frederick Martin Bob Burns, New York, N. Y.
Application January 26, 1938, Serial No. 74,558
Term of patent 3½ years



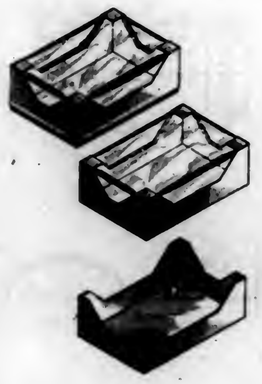
The ornamental design for a dress, substantially as shown.

108,605
DESIGN FOR A DISPLAY BOX
Reginald A. Nagle, Rochester, N. Y., assignor to Flower City Specialty Company, Rochester, N. Y., a corporation of New York
Application December 21, 1937, Serial No. 73,784
Term of patent 14 years



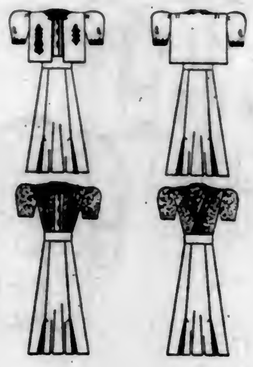
The ornamental design for a display box, substantially as shown.

108,606
DESIGN FOR A DISPLAY BOX
Reginald A. Nagle, Rochester, N. Y., assignor to Flower City Specialty Company, Rochester, N. Y., a corporation of New York
Application December 21, 1937, Serial No. 73,785
Term of patent 14 years



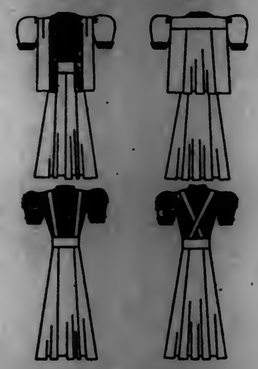
The ornamental design for a display box, substantially as shown.

108,607
DESIGN FOR AN ENSEMBLE DRESS
John Tuman, Mount Vernon, N. Y.
Application February 4, 1938, Serial No. 74,852
Term of patent 3½ years



The ornamental design for an ensemble dress substantially as shown.

108,608
DESIGN FOR AN ENSEMBLE DRESS
John Tuman, Mount Vernon, N. Y.
Application February 4, 1938, Serial No. 74,853
Term of patent 3½ years



The ornamental design for an ensemble dress substantially as shown.

108,609
DESIGN FOR A BATHING SUIT OR SIMILAR ARTICLE
David Watinsky, Mount Vernon, N. Y.
Application December 31, 1937, Serial No. 74,027
Term of patent 3½ years



The ornamental design for a bathing suit or similar article, as shown and described.

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